UNIVERSITY OF HYDERABAD



Proposal for
'Institution of Eminence'

Prof. C.R. Rao Road
Central University P.O.
Gachibowli, Hyderabad-500046
www.uohyd.ac.in


National Needs
Global Standards
Innovative & Interdisciplinary
Social Impact & Public Engagement

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PREAMBLE

I have not an ounce of doubt that the University of Hyderabad (UoH) deserves the Institution of Eminence status.

The reasons for my belief here stem not only as Vice Chancellor of this premier institution, now in the QS World Ranking in the top 601-650, but as a member of its distinguished Faculty for the past many years. We have been rated the best Central University (in 2015-16), and accorded the unique status of being the fastest growing university among the new ones (well, we are only a few decades old). We have been at the very top in *all* parameters in the NIRF, NAAC, and now the QS World Rankings. The World Rankings and QS recognition for three of our disciplines and Departments (English, Physics, Chemistry) is, however, only *one* of the many reasons why we deserve the IoE status. We were also one of the first **5** Universities in the country to be granted the University with Potential for Excellence. According to the QS World Rankings for 2017-18, UoH averages **48.1** citations per Faculty member (https://www.topuniversities.com/universities/university-hyderabad#wurs).

Since 1974, we have grown astronomically, from the offices in Sarojini Naidu's Golden Threshold home at Abids, Hyderabad, to the now-1700+ acre campus in Gachibowli, in the most happening part of Hyderabad, surrounded by the major software, financial and other firms. Our infrastructure with academic buildings, residences, hostels, laboratories and such has also grown exponentially and, while not the best in the world – maintenance issues bother us, as they bother all public institutions in India – is still something solid and enduring. Vast open spaces, a brilliant ecosystem with its rich biodiversity and salubrious settings constitute a unique environment in a metropolis such as Hyderabad.

As an Institution we have delivered high quality education, postgraduate and above, to the national education mission. We have also been instrumental, in direct or indirect ways, through our interventions, particularly from within crucial fields such as research into cancer, infectious diseases, aging, education, social stratification, language issues and cultural formations, in influencing social policy, curricula and decisions across the country. Our high-quality research has translated itself into patents, policy papers, membership of our researchers and teachers on high-level advisory and policy-making committees to various governments, key roles for our teachers in organizations like the National Academy of Sciences, UGC, UPSC, Sahitya Akademi, Indian Institute of Science Education and Research, Indian Academy of Sciences. The average annual publication *per* Faculty in the UoH is **3**. The citations numbers for our scientists are upwards of 2000+, with many in the 4000+ league.

They have also contributed to the world of learning by serving on editorial boards of major journals in their fields. Those who have acquired doctoral degrees from us are now Faculty in prestigious institutions worldwide. We have perhaps contributed more Vice Chancellors and Directors to Indian Universities and institutions than any other University in recent times. We also attract more Postdoctoral Fellows than anybody else: our current number stands at a phenomenal **167**.

The UoH has consciously nurtured a culture of interdisciplinary studies ever since it was recognized as University with Potential for Excellence (in the first batch of five Universities) by the UGC. We have not only promoted interdisciplinarity within the University, but facilitated successful international collaborations that cut across disciplines. As a routine, we have participated in several student and Faculty exchange program but the uniqueness lies in at least four of the International Graduate Programmes that we participate in (two with Germany, one with Italy and the other with Taiwan). We at present have around **34** fully functioning MoUs with various international institutions as well.

In our Study *in* India program we have had students coming for short-term and semester-long courses, from the USA and Europe, with many enrolling for special courses in the Departments. The SiP has averaged an intake of **40** students a year for the last 5 years.

Our flourishing PG and Research programmes have attracted a diversity of students (the number of our admission applications go up every year), thanks to a very transparent entrance examination, conducted at over 37 centres across the country. That we attract fellowship holders to our research programmes should be clear from even this minimal inventory: **100+ CSIR-Fellowships, 500+ UGC-JRF/SRF, 100+ RGNF, 100+ DBT, 12+ ICMR**. The healthy 1:12 student-faculty ratio helps quality teaching, and we hope to make it 1:10 in the course of the IoE. Our Central Library, with 4.3 lakh books, e-journals, e-books, reference books, serials, Theses & Dissertations, back volumes of journals, maps etc, including over 2500 Braille books, subscribes to 254 print journals and 40,000 Online Journals covering 48 databases, is a key factor in our success.

Our Faculty's distinctions are legion: Fellowships of all the leading Science Academies in the country, JC Bose Fellowships, SS Bhatnagar Awards, Fulbright Awards, Padma Award, Tata Innovation Fellows, Humboldt Research Fellows, Fellows of the Royal Society of Chemistry, Fellowship Award, Ramon Magsaysay Award, UGC Career Award, Andhra Pradesh Scientist Award, Royan Institute Best Research Project Award, Sahitya Akademi Awards, A.P. Urdu Academy Award, Thomson Scientific Award, Michi Nakata Prize by the International Liquid Crystal Society, Commonwealth Academic Staff Fellowship, the UNESCO Chair in Communications, the Erasmus, to list a few from the last ten years alone (a more detailed list is appended under the appropriate head in the Proforma-Document). Two of our faculty have been Fellows of the Royal Society (FRS).

Recognition for the work we do has also come from other sources. UoH has collaborations and MoUs with a host of outstanding research and teaching institutions in Hyderabad city, nationally and worldwide. Exchange programmes, shared projects, co-authored work, have been for many years part of UoH work culture, so that what might seem extraordinary for many is a matter of routine for us. We have a formidable list of over **70** such collaborations here: National Institute of Animal Biotechnology (Hyderabad), Ministry of Tourism (Government of India), University of Zurich (Switzerland), Weizmann Institute of Science (Israel), Dr Reddy's Laboratories (Hyderabad), National Centre for Cell Science (Pune), UNICEF, U of Tsukuba (Japan). Internationally, we have about **34** MoUs. Our Faculty have lectured, worked in (laboratories) and presented papers worldwide, from Oxford to Ohio, in addition to visiting appointments in various Universities and Institutions in India. Many of our Faculty have published in high-impact journals.

We have also been honoured by the distinguished visitors we have hosted: Nobel Laureates like Amartya Sen, Rudolph Marcus, Venkatraman Ramakrishnan, Joseph Stiglitz, distinguished scientists, social scientists and literateurs such as Mahashweta Devi, Arundhati Roy, Girish Karnad, Y.V. Reddy, Bruce Alberts, Gopalkrishna Gandhi, Aruna Roy, Manjul Bhargava, to mention just a few.

We have been organically linked to the city of Hyderabad since our founding. We have grown with the city, been involved in social, scientific and cultural inquiry, from geology to archaeology, urban studies to governance structures/processes. We have had outreach programmes for teachers and school-children, we have adopted villages as part of our literacy mission, and trained over 10,000 faculty from all over the country through the UGC-supported Human Resource Development Centre.
All that is in our past and present, which has brought us to high visibility through an unbeatable track record among the multidisciplinary Universities, and constitute, partly, some of the reasons from our past why we deserve the IoE.

Our rationale and justification for seeking IoE status is a fairly simple one.

We are poised to contribute, as few other institutions are, to India's knowledge economy, high quality education, learning and intellectual capital in considerable quantities and sterling quality. We

will serve the country's educational needs in ways so that our national policy of the "Right to Education" will need to be redefined as the "Right to *Quality* Education" due to *our* efforts alone. Our core values – **National Needs, Global Standards, Innovation & Interdisciplinarity, Public Engagement and Social Impact** – will ensure this.

To deliver on these Core Values, our vision plan is geared towards *quality* amplification and intensification. We have, spread over a 15-year plan, clearly defined broad-focus areas in interdisciplinary *research* projects and *taught* courses/programmes stemming from our considerable existing Faculty research strengths and potential, our Departments, Schools and Centres, including innovative ones like the Digital Learning and Resources Centres. Although we do have excellent laboratories already, we perceive the need to expand these, and add some more for cutting-edge work and are therefore proposing interdisciplinary sciences and social sciences-humanities integrated Centres with laboratories for greater integration. Individual projects and programmes are interdisciplinary and cutting-edge, with enormous social impact potential. They also, we are positive, compete favourably with similar projects globally, thus making all of them globally aspirational. In order to make sure these projects and programmes will take off and progress smoothly, we are proposing a streamlined, E-Governance-linked *reorganization* of the organizational structure. We are also proposing a new *hiring* strategy – program- rather than cadre-linked, with a category of Research Professors, greater incentives of various kinds to high-performing Faculty and other initiatives to attract better talent from all over the world. While we propose a separate and parallel track of 'IoE Faculty', we expect that superannuated Faculty and existing Faculty could be, in the first five-year plan, trained to *become* IoE Faculty. Such training programmes will become a part of the process within the IoE mechanisms. As part of the global reach thinking, we have plans for a greater *internationalization* through our programmes as well. *Infrastructure* plans have been drawn up with great detail. *Student enrolment* policies are clearly defined.

These plans were drawn up through a detailed process, led by an apex committee constituted for this purpose, which consulted the Deans and Heads of all Schools. The Schools were called upon to furnish discipline-specific vision plans that then contributed to a University-level Vision Plan. The Plan was finally submitted to the University's Executive Council. The enclosed Plan, then, represents the distilled work of numerous meetings, consultations and discussions across the University.

Together, our formidable and inspiring track record, and our clear vision for the next fifteen years, make us a prime candidate for the status of an IoE. We are more or less equipped to implement much of our vision plan, but with the *additional* support and greater autonomy assured by the IoE scheme, and our own proposed reorganized internal mechanisms it would be smoother and more effective. The country has reposed its faith in us as leaders in the knowledge-economy for some decades now. We now believe that the world should too, and look to India not as receivers of global knowledge, but active shapers of, and contributors to it – and this is UoH's projected vision. For this, UoH, with its command over the disciplines, its vision and overall strengths seeks support from the nation's governing bodies in the form of the IoE.

Nobody among multidisciplinary universities does tertiary education better than we do. Nobody therefore has earned the Institution of Eminence status as much as the University of Hyderabad does.

Appa Rao Podile
Vice Chancellor

इंटरनेशनल एडवांस्ड रिसर्च सेंटर फॉर पाउडर मैटलर्जी एंड न्यू मेटीरियल्स
INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS
(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का एक स्वयं शासित अनुसंधान एवं विकास केन्द्र)
(An Autonomous Research & Development Centre of Department of Science & Technology, Govt. of India)
बालापुर डाक घर, हैदराबाद - ५०० ००५. अंध्रप्रदेश, भारत.
BALAPUR P.O., HYDERABAD - 500 005 (A. P.) INDIA.

Prof. P. Rama Rao
Chairman,
Governing Council

SUB : Endorsing the Application Of University of Hyderabad

I was privileged to serve the University of Hyderabad as its Vice Chancellor, which position allowed me the pleasure of knowing the university, its distinguished faculty and their work quite intimately. The UoH is unitary and therefore non-affiliating, which is not common among our Universities. The founding fathers of the University took sound first steps thanks to which the University has grown to be an acclaimed multi-disciplinary research University. The University boasts of a substantial record of scholarly output in natural sciences as well as social sciences including languages. Naturally the UoH has won much recognition.

The University Grants Commission launched during the early 2000s a unique programme called Universities with Potential for Excellence (UPE). Under this programme, in the first instance, UoH was one of only **two Central Universities** selected for special support. The UoH decided to promote ***Interface Studies and Research***. This theme, not prevalent in any University in our country, and the support given to it by the UGC, has enabled the UoH to break barriers between disciplines to advance novel educational initiatives. On the advice of the Science Advisory Council to the Prime Minister, MHRD and UGC came up with Programmes to enhance research accomplishments in our Universities. UoH was among the few Universities to receive notable grants not only to improve upon their research output but also to network with less endowed universities to help them enlarge their research efforts in frontier fields. The Science Departments of UoH are the proud beneficiaries of this special initiative of the UGC.

The additional funding that the UoH received, because of some of the programmes mentioned above, has indeed resulted in the faculty of the UoH demonstrating their capabilities for carrying out original work even more commendably. The average research output per faculty, if I am not mistaken, is at this time three per faculty annually, as well as the University producing over 200 PhDs annually, has placed UoH among the top Universities of our country. The UoH rank in the international ranking systems , such as the QS, is noteworthy and it needs to go higher in the coming years.

As many as over 75 of the UoH faculty have been elected as Fellows of the various Academies which enables the University to aim at establishing linkages with reputed Universities overseas.

Given its strengths and current performance, UoH is well-positioned to be at the forefront of the national education mission and make its mark internationally as well. The UoH application for recognition as an IoE contains several proposals for it to attain greater academic heights and achieve higher rank among Universities worldwide.

May I then take the liberty of recommending UoH for a favourable decision on its selection as an IoE by the UGC Committee.

P. Rama Rao.

Dt. 1-12-2017

P. Rama Rao

दूरभाष : २४४४३१६७, २४४५७१०४-५ विस्तार : ३०४, फैक्स : ००९१-४०-२४४४३१६८, २४४४२६९९
ई-मेल : gsundar@arci.res.in ; dir@arci.res.in वेबसाईट : www.arci.res.in
Tel. : 040-24443167, 24452304; Fax : 040-24443168
E-mail : director@arci.res.in, gsundar@arci.res.in

Proposal for 'Institution of Eminence'

(For Public Institutions)

PART-1

Particulars of the Institution

Sl No				
			Information / details	
a.	**Details of the University / Institution**		:	
	i.	Name	:	**UNIVERSITY OF HYDERABAD**
	ii.	Address	:	Central University P.O., Prof. C.R.Rao Road, Gachibowli, Hyderabad-500046, Telangana State
	iii.	Location (Metropolitan / Non-metropolitan / Non-urban area): **Metropolitan**		
	iv.	Type of Institution	:	
		a) Central University	:	**√ (Central University)**
		b) Government owned & controlled Deemed to be University	:	Not Applicable
		c) Institution of National Importance	:	Not Applicable
		d) State University	:	Not Applicable
		e) Standalone Institution (Details of orders of the Government under which it has been established)	:	Not Applicable
	v.	Contact details of the Vice Chancellor, Registrar and Nodal person identified for this purpose.(Name, designation, landline, mobile, fax, email):		

Name	Designation	Landline	Mobile	Fax	Email
Prof. Appa Rao Podile	Vice-Chancellor	040-2313 2000	+919100655777	040-2301 1090	vc@uohyd.ac.in ; podilerao@gmail.com
Mr. P Sardar Singh	Registrar	040-2313 2100	+919970070616	040-2301 1089	registrar@uohyd.ac.in
Prof. Pramod K Nayar	Nodal Officer	040-23133400	+919490754149	-----	pramodknayar@gmail.com

II. Fulfilment of Eligibility Criteria:

a. **I. NIRF Ranking (University)**

i. NIRF Ranking for the year 2016 : **4**

ii. NIRF Ranking for the year 2017 : **7**

II. NIRF Ranking in other category: (Specify category)

i. NIRF Ranking for the year 2016 : Not Applicable (Category: _____)

ii. NIRF Ranking for the year 2017 : **14** (Category: Overall)

II. Latest International Ranking obtained by the institution (If any):

Times Higher Education World Ranking :

QS World University Ranking : 601-650

-Shanghai's Jiao Tong University Ranking : ----

(Details (if any) of Previous World Ranking may also be provided. ---

According to the QS 2018 ranking, the UoH has 48.1 Citations per Faculty.

https://www.topuniversities.com/universities/university-hyderabad#wurs

b. Based on above information and Guideline 6.3.3. and 6.3.4, does the institution fulfil the eligibility criteria for Institution of Eminence: **Yes**

III. Vision for Institution of Eminence:

a. ***Fifteen year Vision Plan including Mission Statement, Values, Institutional Goals & Vision to meet the objectives and Characteristics of an Institution of Eminence with quantified milestones and timelines to achieve world class repute as expected in the Regulations.***

THE UoH MISSION

The UoH's 15-year vision plan draws upon its **mission statement** from the time of its inception:

> *to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and by the example of its corporate life, and in particular to make special provisions for integrated courses in humanities and science in the educational programmes of the University and to take appropriate measures for promoting inter-disciplinary studies and research in the University.*

Over and beyond this mission statement, UoH, having acquired its distinctions at the National level, and recently in the QS World Rankings (2016-17), has evolved for itself a new motto, '***National Needs, Global Standards***', in all areas: teaching, research, Faculty and student enrolment, administration & governance, infrastructure and financial planning. This motto, as an addition to the existing one, is at once an intensification-amplification and a careful, sedate expansion of what UoH with enormous success and visibility has done over the decades.

Building from the above two statements we have developed a set of **Core Values** for IoE, namely:

National Needs, Global Standards, Innovation and Interdisciplinarity, Public Engagement and Social Impact.

CORE VALUES EXPLAINED

i. As a significant contributor to the *developing nation's knowledge economy*, UoH hopes to offer, as it always has, enhanced knowledge services in fields as wide-ranging as health and disease management to drug studies, nanotechnology to financial economics, and linguistics to literary studies

ii. However, in order to prepare the national knowledge economy to take its place in the comity of nations as an equal contributor and producer of knowledge – and not just as a consumer and recipient – we should generate *global quality research, learning and learning outcomes.* Thus, UoH's research work, which leads into high-quality teaching across disciplines aspires to global standards in order to truly fulfil national needs.

iii. Thus, our core values seek *innovation and interdisciplinarity*, as a glance at many of our Research Plans indicates, integrating hard sciences with humanistic studies and social inquiry, reinvigorating literary and linguistic studies with digital technology.

iv. UoH believes the best educational institutions are those that generate knowledge from the assessment of public needs and ensure that there is both inquiry into and effect from this knowledge at a social level, and thus *public engagement and social impact* is for UoH a key core value.

INSTITUTIONAL GOALS AND VISIONS

With the above mission statements and Core Values, UoH's Schools, Departments, Centres have set up their Goals and Visions, keeping in mind disciplinary methodologies, requirements and expected outcomes.

But UoH itself has a set of Goals and Visions that enables us to bring these intra-University micro-plans together:

i. Fundamental research [Pharmacological drugs, light matter, high-energy materials, nanotechnology, language and linguistics, emotions, cognition]

ii. Delivering fundamental research in the form of PG and other teaching programmes [See **Appendix-1.A and 1.B Proposed Teaching Plans**]

iii. Social Inquiry as research, social impact of research and public engagement. For instance, the UoH's former and current projects on aging, gender and sexuality, caste and class issues have now enabled us to

think of public emotions, health and disease, drug/pharmacological distribution

Our teaching and research plans are all centred around the above goals and visions.

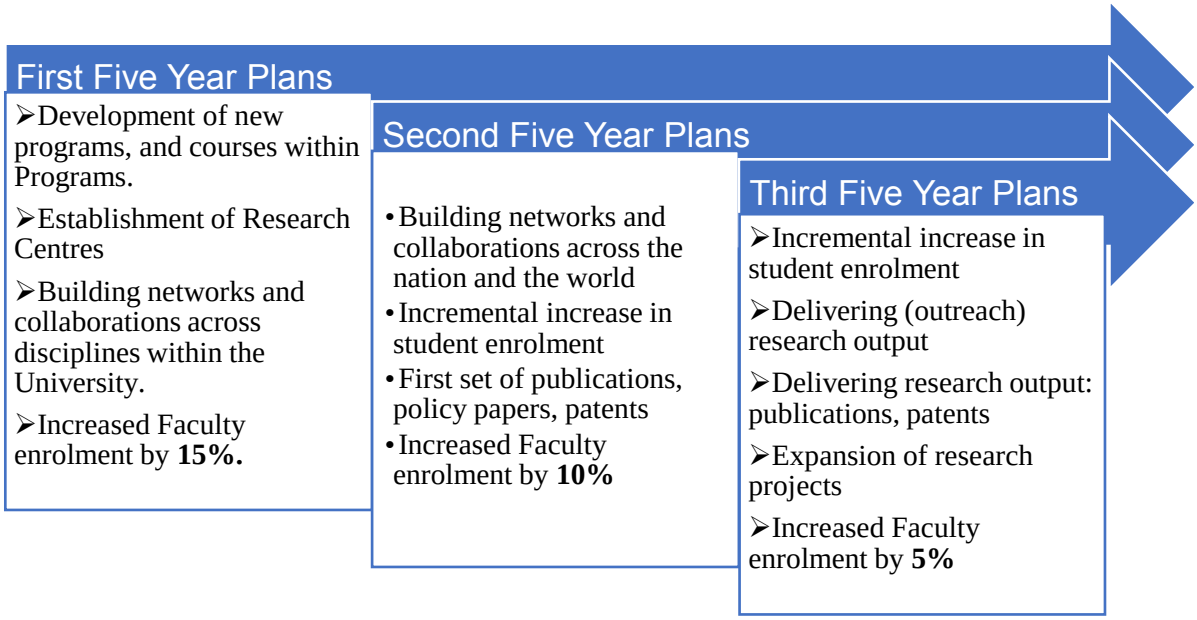
MILESTONES AND TIMELINES TO MEET THE GOALS

UoH seeks an *incremental* and *steady* increase and limited expansion, whether in terms of student enrolment, Faculty recruitment or new programmes. It finesses Faculty recruitment to programmes (rather than a simple additive method of hiring more Faculty), and the research plans proposed by the Schools, so that we have specialist hiring rather than generic hiring.

UoH already has the highest number of PDFs among all the Universities in the country, and its research output has been steady, as evidenced in the Faculty profiles annexed elsewhere to this document [Link to Annexure…]

Summary/Schematic of Vision Plans

TOWARDS EMINENCE



Explanation

First 5 Years

- Development of new PG (regular, MOOCs, Diploma and Certificate) programmes, and courses within Programmes.
- Establishment of Research Clusters drawing upon the expertise already existing within the University, ensuring interdisciplinary research work and seeking a clear social impact. As instances, we have proposed a **Cluster for Research in Health and Disease,** a **Cluster for the Study of Public Emotions**, a **Cluster for Development, Democracy, and Social Transformation**, an **Integrative Research Conclave for Advanced Functional Materials (Science, Engineering &Technology)**, a **Cluster for Translational Vision Research**, besides smaller research clusters.
- Building networks and collaborations across disciplines within the University [English-Neural & Cognitive Science-Regional Studies; Chemistry-Life Sciences-Computer Sciences-Physics-Medical Sciences-Social Science]
- Infrastructure building [Interdisciplinary Science Centre, Interdisciplinary Social Sciences and Humanities Centre, Hostels.
- Increased Faculty enrolment by **15%.** Here, we hope to hire, on a contractual basis, Faculty with proven track record in research.
- First set of publications, patents, policy papers.

Second 5 Years

- Building networks and collaborations across the nation and the world
    - Weismann Institute, Academia Senica (Taiwan), Penn State, Cornell, Yale, Arkansas, Colorado Universities (USA), NUS (Singapore), CIDF (Spain), CNRS, INRA (France), ITQB (IGC (Portugal), U of Regina (Canada), etc.
    - Centre for the History of Emotions, Queen Mary, U of London; Cross Cultural Social Emotion Project, Brain and Creativity Institute, University of Southern California (USA); Centre of History of Emotions, Max Planck Institute of Human Development, (Berlin); Australian Research Council Centre of Excellence for the History of Emotions, U of Western Australia (Australia), etc.
- Incremental increase in student enrolment
- Publications, policy papers, patents to bring increased visibility.
- Increased Faculty enrolment by **10%**

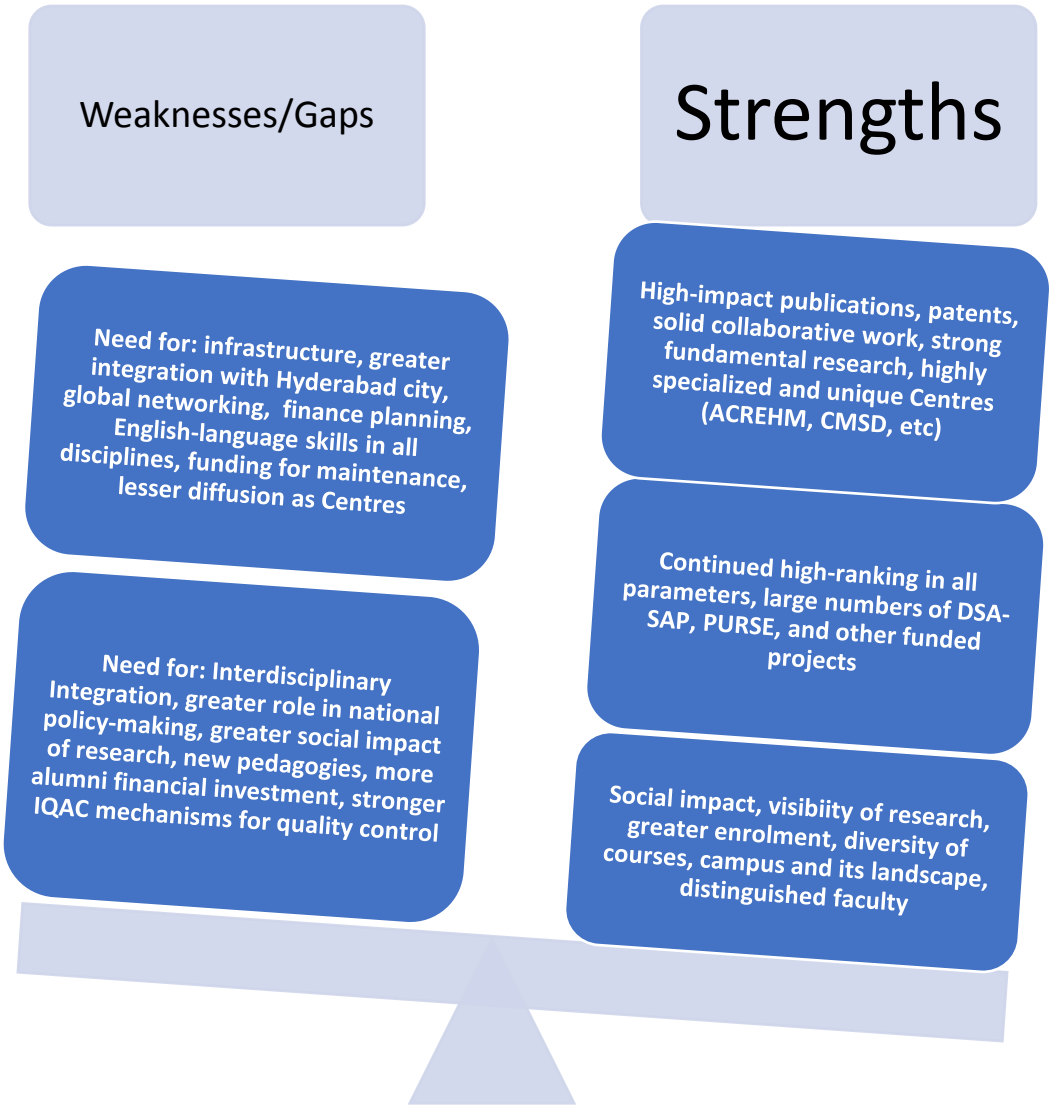
Third 5 Years

- Incremental increase in student enrolment
- Delivering (outreach) research output: teacher training, adopt-a-school, workshops
- Delivering research output: publications, patents
- Expansion of research projects
- Increased Faculty enrolment by **5%**

An addition, over the entire 15-year period, of **100-120** Faculty members with the kind of specialization needed for the research and teaching programmes proposed, is what UoH seeks.

b. ***How far is the Institution/ University from becoming an Institution of Eminence, including the present status of the institution, the status which seek to achieve to become as world class and gap in each parameter as given in Regulation 4.2 & 4.3.***

Summary/Schematic of Strengths and Weaknesses



Explanation

UoH strongly believes it is **not** very far from becoming either an IoE university or a world-class institution. This belief is not an abstract fantasy, and is borne out *statistically*:

NIRF: 2016 - 4, 2017 - 7

QS: 2016-17: One of the best places to study English Language & Literature, Chemistry and Physics; 2017: in the range 91-100 of fastest growing Univs.

NAAC: 2004: A Grade, 2009: A Grade, 3.89/4, 2014: A Grade 3.72/4

PUBLICATIONS: 2016-17: 396 Faculty produced 1200+ papers

CITATIONS: 2016: 1109; 2017: 1052. 2013-2017: 5377

STUDENT APPLICATIONS: (2017) 58198

JRFs/SRF : (on Rolls) 563 JRFs, 321 SRFs, total 884

In addition to the above, we merely cite two more:

- We have offered the highest number of GIAN programmes (**7** so far) using the first opportunity given by the MHRD with a few more proposals in the pipeline. At least two such GIAN courses resulted in electives in the School of Life Sciences.
- We have **70+** ongoing national collaborations and **34** functioning international MoUs

The Research Clusters being proposed from those Departments and disciplines that have already acquired very high visibility will seek to integrate with the other disciplines, to build a research environment that is truly interdisciplinary. These programmes, which will seek to hire Faculty within their ambit, build on existing UoH strengths.

However, there is always scope for improvement and UoH has identified some weaknesses within itself which it hopes to conquer/eliminate/fill.

UoH has already initiated a restructuring of many of the Centres and Departments which, it is hoped, will directly impinge upon the interdisciplinary nature of research and teaching in the next 15 years.

These are some of the gaps and lacunae that need to be addressed:
Infrastructure:
Student residences and amenities
Faculty and student common rooms
Healthcare (for a campus with 6000+ population)
Teaching centres and academic unit spaces
Library spaces

Faculty
Faculty with interdisciplinary and multidisciplinary expertise

Collaborations and Internationalization
Greater national and foreign collaborations across disciplines (especially in Social Sciences and Humanities)
Co-produced research output

Internationalization of Faculty and programmes

Administrative and Organizational

Streamlining of R&D paperwork, grant applications

Centres with relatively low-academic productivity

Finance

Sustainable plan for self-financing

Students

Foreign student enrolment; English language skills

Programmes and Courses

Interdisciplinary and innovative courses and programmes

Updated courses and programmes

Alternate pedagogic systems

Research

Interdisciplinary Research

Focus on contemporary and topical research questions

Local Integration and Policy-making Participation

Greater integration with Hyderabad city

Enhanced public engagement

Greater role in local and national policy-making, think-tank operations

Alumni

Greater role for alumni

c. ***Plan for becoming an Institution of Eminence. The plan should give the status of the Institution at the present stage on all relevant parameters, the status to which they seek to reach after ten years and fifteen years on each of the parameters, and how they target to reach the same on each of the parameters.***

Summary/Schematic of Overall Plan

For complete details of Infrastructure, see Appendix 2, 3, 4, & 5.

For Financial Plans See **Annexure [5-6]**

Domain/Area	Current Status	Goals	First 5-Year Plan	Second 5-Year Plan	Third 5- Year Plan
Infrastructure		Focus on renewable energy, retention of campus biodiversity, Recreational Spaces, Waste management	• Hostels, • Faculty residences, • Interdisciplinary Centre for Studies in Science Interdisciplinary Centre for Studies in Human Sciences • Central Instruments Laboratory, • International Faculty House • International Guest House • New Administrative	• Carbon-neutral, pedestrian-friendly, green-building campus	

				Block • Student Amenities Centres • Married Scholars' Accommodation • Expansion of hostels for increased student enrolment • Increasing capacity of Guest House • 400-bed Girls and 400-bed Men's hostels to be built in Private-Public Model • Hospital • Convention Centre Cluster (with Hotel) • International Student Hostel		
Faculty	400+ Faculty	• Foreign Faculty; • Research Professors; • Teaching Professors; • **1:11** Faculty ratio; • Faculty to be hired under IoE for a tenure of 5 years (renewable subject to review) • E-Governance for all aspects of Faculty lifecycle	• Identify **IoE Faculty** in each school; • Increase faculty strength by **15**%; • Hire faculty for specific programmes • Incentivising based on pay and remuneration package comparable to global institutions	• Talent hunt (global) • Develop differential salary structures and incentives • Develop stringent review procedures • Increase faculty strength by another **10**% • Track 2 faculty hiring mechanism privileging and incentivising high achievers (academic output, grants) with rigorous assessment to reward and discontinue non-performing faculty appointed under IoE	Increase faculty strength by another **5 %**

Student Enrolment	5000 students, currently 30+ foreign students (2017); current Faculty student ratio is **1:14**	• Incremental increase in enrolment of Foreign students • Restructuring existing programmes • Launching new programmes (in regular, MOOCs and Distance mode) • Switching to E-Governance mode for all aspects of student lifecycle	• 6600 students • 300 foreign students; • Faculty: student ratio, **1:11**	• 7600 students • 600 foreign students • Faculty: student ratio, **1:11**	• 8000 students • 900 Foreign students • Faculty: student ratio, **1:11**
Research	UoH already collaborates with a large number of distinguished laboratories and institutions in India and abroad. We hope to expand and strengthen this	• Fundamental research • Social inquiry as research and social impact of research for India • Global standards • Greater collaboration with foreign bodies and projects – BRICS, ASEAN, UNESCO's IFAP, etc	• Establishment of at least 5 specialized research Clusters for interdisciplinary research • Development of interdisciplinary Research Clusters • Interdisciplinary Research Collaboration (Intra-University)	• Interdisciplinary Research Collaboration (International) • Faculty hiring and doctoral student enrolment • Publications, policy papers, patents	• Education and Training • Social delivery of research • Expansion of research projects • Increased doctoral student enrolment
Teaching	Regular MA/MSc./MTech, M.Phil and Doctoral	Incremental increase of programmes through all three modes; More interdisciplinary programmes	Discipline-wise new programmes; Introduction of MOOCs courses and OER/s through E-Learning Centre, new programmes through SiP and OIA	Consolidation	Consolidation
Administrative & Governance	**SEE PLAN BELOW at Section IV (k)**				

d.

SWOT analysis of the institution focusing on its present status in the quality hierarchy and the proposed measures to address the shortcomings?

UoH's Strengths	• Extensive nearly 1800-acre walled campus in close proximity to the Financial District and extremely high-profile technological companies at Gachibowli • Fundamental Research is very strong • Research output (publications) remains high • Visibility and ranking move higher annually • Attracts ever-increasing numbers of applications • Specialized and unique centres • High profiles of Faculty, with awards, fellowships and distinctions • Extensive campus and infrastructure • Foreign linkages and collaborations • Industry-University interactions • Attracts funding from various agencies • Social equity and justice parameters secure high ranking
UoH's Weaknesses	• Infrastructure – requires maintenance • Infrastructure – more needed in all parameters (student residences, hospital, general amenities) • More truly interdisciplinary programs needed • Greater control over quality of programs • Proliferation of relatively under-performing centres • More outreach activities from departments needed • IQAC needs greater executable plans • Alumni role can be greater • Greater links with the industry needed
UoH's Challenges	• Increasing student enrolment in the face of more Central Universities • Attracting high quality faculty • Integrating disciplines to generate more productive, globally visible programs • Streamline research grant application/and other processes • Meeting maintenance expenses • Attracting foreign faculty and students • Amplified interactions with industry
UoH's Opportunities	• Potential for advanced research in existing areas in strong departments/disciplines • Developing research in cutting-edge and innovative areas • Upgrading existing programs and courses • More international collaborations • Locational advantage • Land available for expansion

Integrated Academic Plan for (a,f,g,o)

IV. Proposed fifteen year strategic Plan (for each five years):

a. An academic plan showing the courses proposed and a research plan focussing on current thrust / niche area(s) of expertise and proposed plan in pursuit of excellence in those areas.

f. A comprehensive plan to develop research laboratories with demonstrable progress towards it.

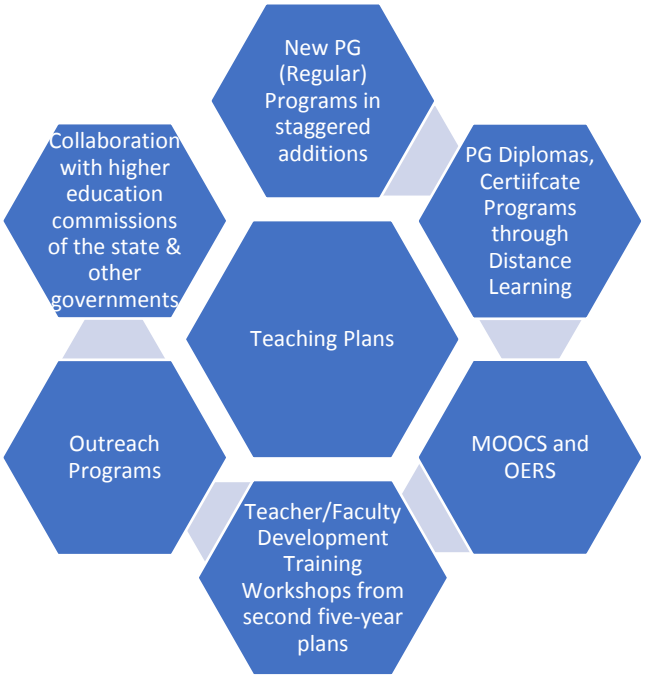
g. Plan for Teaching and Research Collaborations with Global Universities figuring in the most reputed global rankings.

o. A research plan indicating the research laboratories and other facilities proposed to be established. In case of humanities, social sciences and other interdisciplinary faculties, the research plan should indicate the broad areas and nature of field work and research sought to be done

I. TEACHING PLAN

Summary / Schematic

For complete details of courses and programmes, see Appendix 1



Explanation

The focus under IoE will be on interdisciplinary courses and programmes, pooling the resources of the existing Faculty/Schools, and each School will, in the first five years, offer **1** new PG (Regular) program that fits the IoE remit, and if possible, an interdisciplinary Research Program.

UoH also

- Believes that the new programmes cannot rely on fresh Faculty recruitment to get off the ground, and so has proposed only those that can capitalize on *existing resources/expertise, student enrolment and the research domains*
- Proposes a critical evaluation of the program mid-way through the First Five Years and will then plan Faculty recruitment to intensify and take the program to the next level.

- PG Programmes: **20 + [**with some staggered over the 15-year period]
- Diplomas in the Distance Mode
- MOOCs and OERs
- Integrated Masters/Ph.D programmes
- Integrated M.Phil/Ph.D programmes
- Training Programmes
  - Faculty & Professional Development Programmes in fields like Applied Econometrics/Quantitative methods for the officers of Indian Economic Service and Mathematical Finance for the officers of various banks.
  - Faculty development programmes in Research Methods and Developments in Economic Theory and Applications
- Digital Teaching/Learning (via E-Learning Centre)

The UoH will evaluate the programmes and evolve, from the 2nd Five-Year plan courses / programmes that are of contemporary significance and topicality.

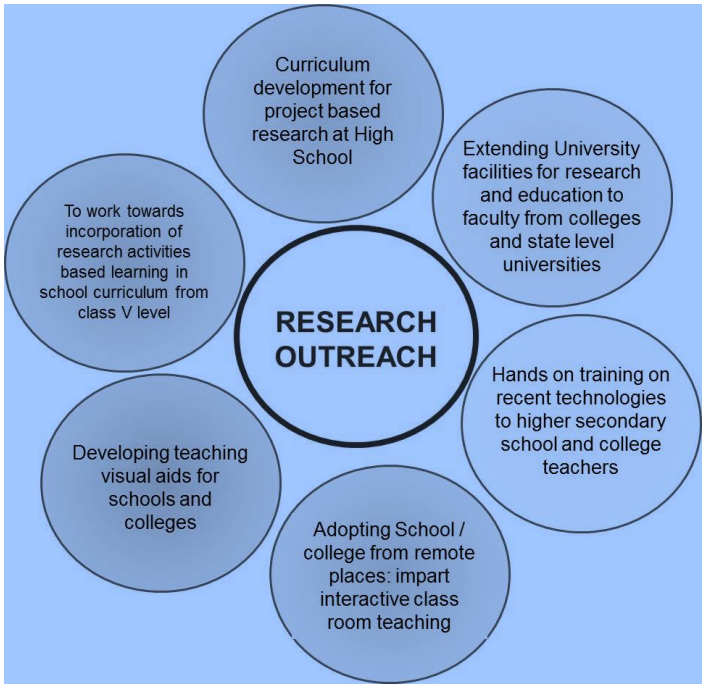
II. RESEARCH PLAN & STRATEGY

Summary/Schematic

RESEARCH PLAN

2018-2023	2023-2028	2028-2033
A. Establishment of Interdisciplinary Research Clusters 1. Cluster for Research in Health and Disease, [From Life Sciences, Chemistry, Computer Sciences, Social Sciences] 2. Cluster for the Study of Public Emotions [English, Neural & Cognitive Sciences, Regional Studies] 3. Integrative Research Conclave for Advanced Functional Materials (Science, Engineering &Technology) [Chemistry, Physics, Life Sciences] 4. Cluster for Development, Democracy, and Social Transformation [Social Sciences, Economics, Media and Communication] 5. Cluster for Translational Vision Research [Medical Sciences, Social Sciences] B. Interdisciplinary, Intra-University and National Collaboration, including with government agencies (Higher Education Commissions), Centre for Neural and Cognitive Sciences, Centre for Regional Studies [UoH]; Centre for Behavioural and Cognitive Sciences [U of Allahabad] IICT, CDFD, NIN, NIAB, ICRISAT, LVPEI, IIT-H, City Hospitals and Health Care Centres [all within Hyderabad Region], IISC, DU, JNU, NARI, THISTI, AIIMS [National level] C. Faculty Hiring (Specialized), Doctoral Student intake	A. International Collaboration and Networks Weismann Institute, Academia Senica (Taiwan), Penn State, Cornell, Yale, Arkansas, Colorado Universities (USA), NUS (Singapore), CIDF (Spain), CNRS, INRA (France), ITQB (IGC (Portugal), U of Regina (Canada), etc. Centre for the History of Emotions, Queen Mary, U of London; Cross Cultural Social Emotion Project, Brain and Creativity Institute, University of Southern California (USA); Centre of History of Emotions, Max Planck Institute of Human Development, (Berlin); Australian Research Council Centre of Excellence for the History of Emotions, U of Western Australia (Australia) B. Faculty hiring (specialized), Doctoral Student Intake (specialized) C. First set of Conferences, Publications , Policy Papers and Patents from the individual projects	A. Social Delivery and marketing (to public and private sectiors, education and training programs for all levels, in the specialized fields) B. Establishing UoH as a nodal centre for specific kinds of research (basic and applied) C. Expansion of research projects D. Increased student enrollments

Summary/Schematic: UoH Research and India



The UoH is committed to high-quality research. We at the UoH see research as translatable into policy, educational and training practices, developing of specific attitudes of tolerance, scientific temper, rationality, social justice, equality, and into *executable* programmes in domains crucial to the country: health; social inquiry and welfare; development, diversity and globalization.

Mission and Vision

The mission of the University, as stated at the beginning of this document, but worth reiterating, is

> *to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and by the example of its corporate life, and in particular to make special provisions for integrated courses in humanities and science in the educational programmes of the University and to take appropriate measures for promoting inter-disciplinary studies and research in the University.*

For its projected IoE's 15-year vision, while retaining the above mission-plans and commitments, UoH also incorporates a specific motto, of "National Needs, Global Standards", given the necessity of facilitating high-impact research output for a developing nation. We have added Innovative and Interdisciplinary work and Public Engagement/Social Impact to our Core Values.

Core Values in UoH Research

The Core Values of the UoH Research Plan for the next 15 years, then, clearly map a route for the research work to be undertaken. UoH firmly believes that its role as a publicly funded institution is to serve the public and so *public engagement* – whether in the form of social inquiry, enabling policy-making, teacher training or executable research in fields as diverse as health or communications – is central to its value systems. All research inquiry, UoH believes, needs to be interdisciplinary for it to reach the public.

While we understand the need to have an integrated research vision, UoH has fiercely fought for and preserved disciplinary autonomy for its Departments and Schools. Hence, our Core Values, commitment and vision come from *within* the intra- and inter-Departmental plans developed by various Schools and Departments.

We put forward the four core values, as embodied in the research plans and vision documents prepared

by various Schools and Departments, for the IoE period as follows:



Institutional Organization and Research

The University's 12 Schools of study - Mathematics and Statistics, Physics, Chemistry, Life Sciences, Humanities, Social Sciences, Management Studies, Sarojini Naidu School of Arts & Communication, Engineering Sciences & Technology, Medical Sciences, Economics and Computer/Information Science – encompass all the major disciplines necessary to furnish India with highly-skilled, appropriately tempered and committed students and teachers.

However, since there has been the perceived need for more focused spaces for research, specialized Centres have been created over time to enable this: Neural and Cognitive Sciences; Health Psychology; Ambedkar Studies; Nanotechnology; Earth, Ocean and Atmospheric Studies; High Energy Materials; Dalit and Adivasi Studies, Women's Studies, among others (see **Annexures 31 to 39 (Vol. 3)** for Faculty profiles and Research Output and other data).

We expect to improve and suitably modify the organizational structure to enable far-more focused and interdisciplinary studies in the next 15 years. To this end, more specialized Clusters, Cells and Laboratories, integrating various disciplines and their modes of inquiry, and innovative research plans are being proposed. Further, various means of bringing in Faculty and enrolling doctoral students have also been proposed as part of this Plan (See below).

Goals, Areas and Domains

UoH's mapping of goals, areas and domains for 'IoE Research' takes as points of departure:

- the *expertise* from our strongest departments/disciplines and Schools (Physics, Life Sciences, English, Chemistry: in terms of publication record, patents and of course rankings),
- themes and topics that can be fertile research areas for a *developing* nation,
- *contemporary* developments in these disciplines,
- potential to contribute to the knowledge economy but also *global* research.

With these, and the Core Values, in mind, UoH's Research Plan for the IoE zeroed in on the following fields of inquiry:

health and disease-management
public emotions
diversity-democracy-development-globalization
functional materials
drugs

Departments and Schools have drawn up individual plans for research, all with an eye to their social and public engagement and impact, but all of them fit two primary goals:



Strategic Initiatives

The UoH research plan for the next 15 years may be presented under two broad heads, the macro- and micro-processes, again drawing upon what Schools, Departments and disciplines have proposed.

The macro- and microprocesses build on existing expertise, strengths and interests. The strategy therefore is geared towards reinforcing our core strengths and competencies, while seeking very focused expansion in certain areas.

Macroprocesses

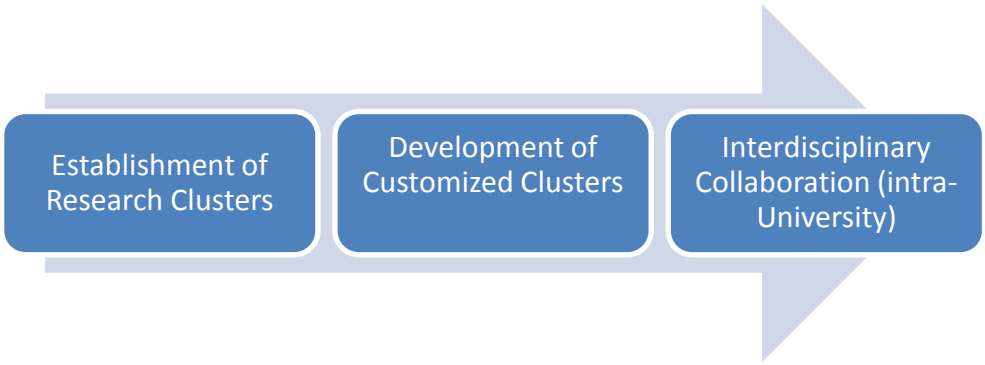


Microprocesses

UoH seeks, in incremental stages over the next 15 years, to

- develop research plans that are interdisciplinary, topical and relevant, reflecting the core values: research that meets "national needs, global standards"
- streamline its administration of research activities, from approvals and grant-writing to patent applications, student enrollment to Faculty recruitment, linking departments together, reflecting the core value of: innovation and interdisciplinary work
- generate databases, establishing its campus and its research facilities as nodal centres, reflecting the core value of: social impact and public engagement.
- enable teaching and outreach from its research, from primary school to tertiary level, reflecting the core value of: social impact and public engagement.

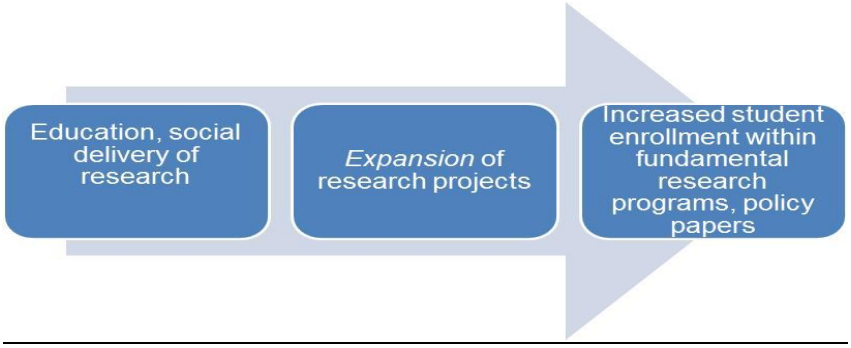
The First Five Years



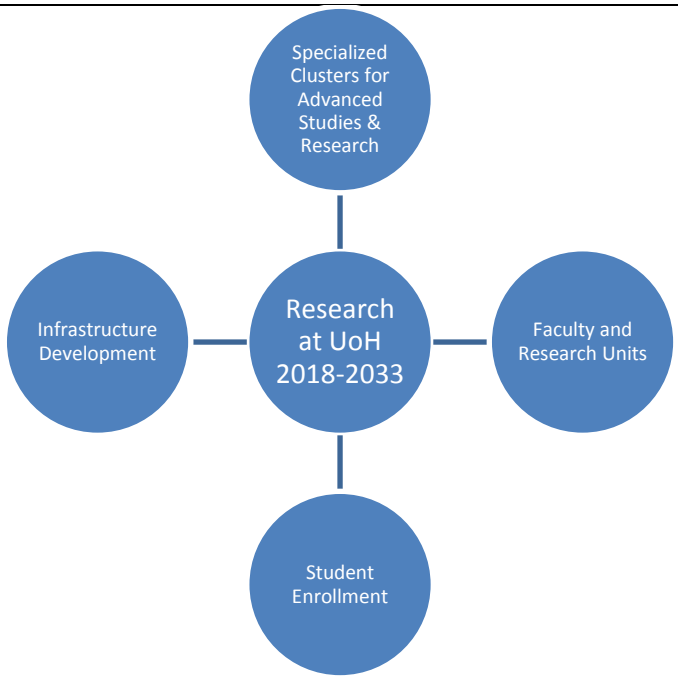
The Second Five Years



The Third Five Years



UoH's four-pronged strategies to energize research in the next 15 years may be schematized as follows:



Detailed Research Plans

Cluster 1
Centre for Research in Health and Disease

Rationale

While historically, medical research has been largely dominated by scientists collaborating to identify biological determinants causing diseases or disorders of biological systems, the impact of such isolated efforts translating into effective disease management, especially for a country with such paramount socio-economic and cultural diversity, has not proven very fruitful. Equal importance to psycho-social and economic factors has become vital in treatment effectiveness and disease control. A simple example is the relative success of direct observed therapy (DOTS) for tuberculosis treatment where non-compliance with TB treatment, one of the primary reasons for the emergence of drug resistance, could be largely controlled. Similarly, with a huge sector involved in agriculture, the disease/pest control or introduction of genetically modified grains requires an understanding of social psychology and economic outcome. This project is an integrative effort towards such a research model to contribute to effective dissemination of research in the agriculture sector and disease management programmes, and also understand the dynamics of aging and healthcare for the elderly in our country.

Principle Objectives

Based on existing expertise across the university, a multi-pronged approach to address the following diseases (in humans, plants and animals) affecting the society will be undertaken, which include:

- Communicable diseases among humans like tuberculosis (TB), HIV, malaria, dengue and gut infections
- Non-communicable/lifestyle diseases like Diabetes and other Metabolic disorders, Cardiovascular and Respiratory health challenges, Kidney disorders and Nutritional disorders
- Geriatric psychology and health, acute Health Care for the Elderly and Mental Health
- Crop diseases and pest control

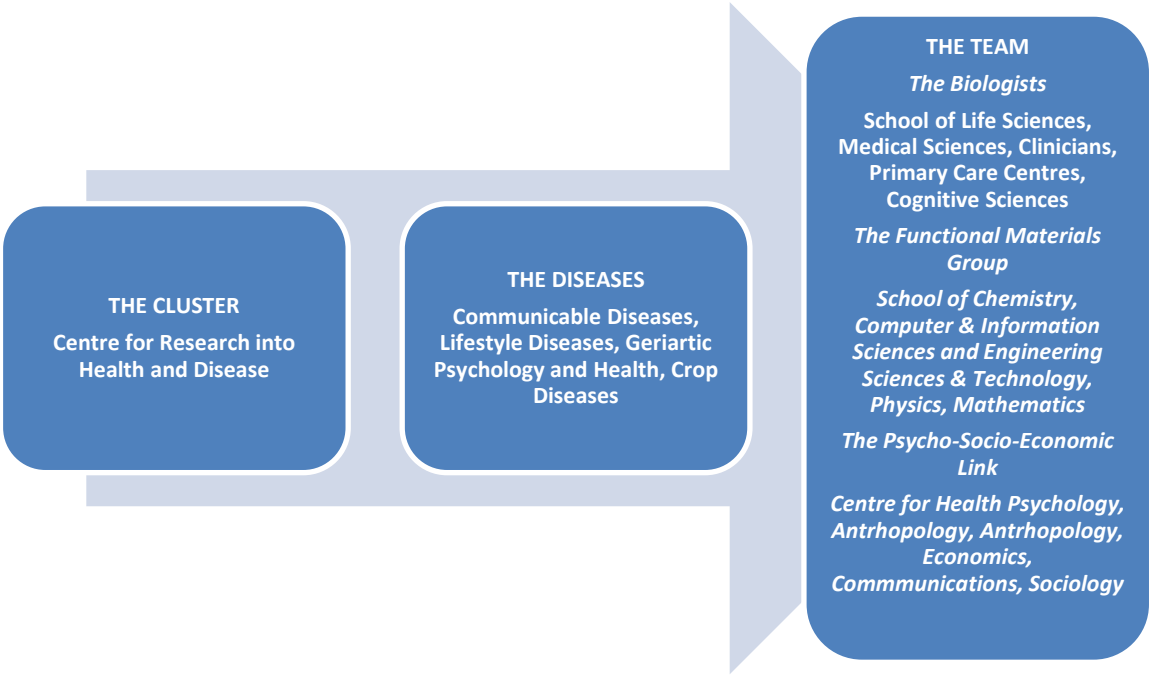
The above-mentioned diseases / disorders in our country have a huge impact on our economy and social development. The irony is that almost all of them are preventable through education and awareness, yet

a lack of understanding of the diseases, the social stigma attached to several, lack of early diagnoses, rampant and misdirected usage of medicines/drugs/pesticides, barriers to health seeking behaviours, non-availability of affordable treatments have compounded the collective detrimental impact of these diseases.

Under the IoE vision, UoH proposes to create a multidisciplinary centre encompassing focused sub-centres with regular dialogues between clinicians, scientists, public health experts, health systems, health care providers, social scientists, economists and policy makers.

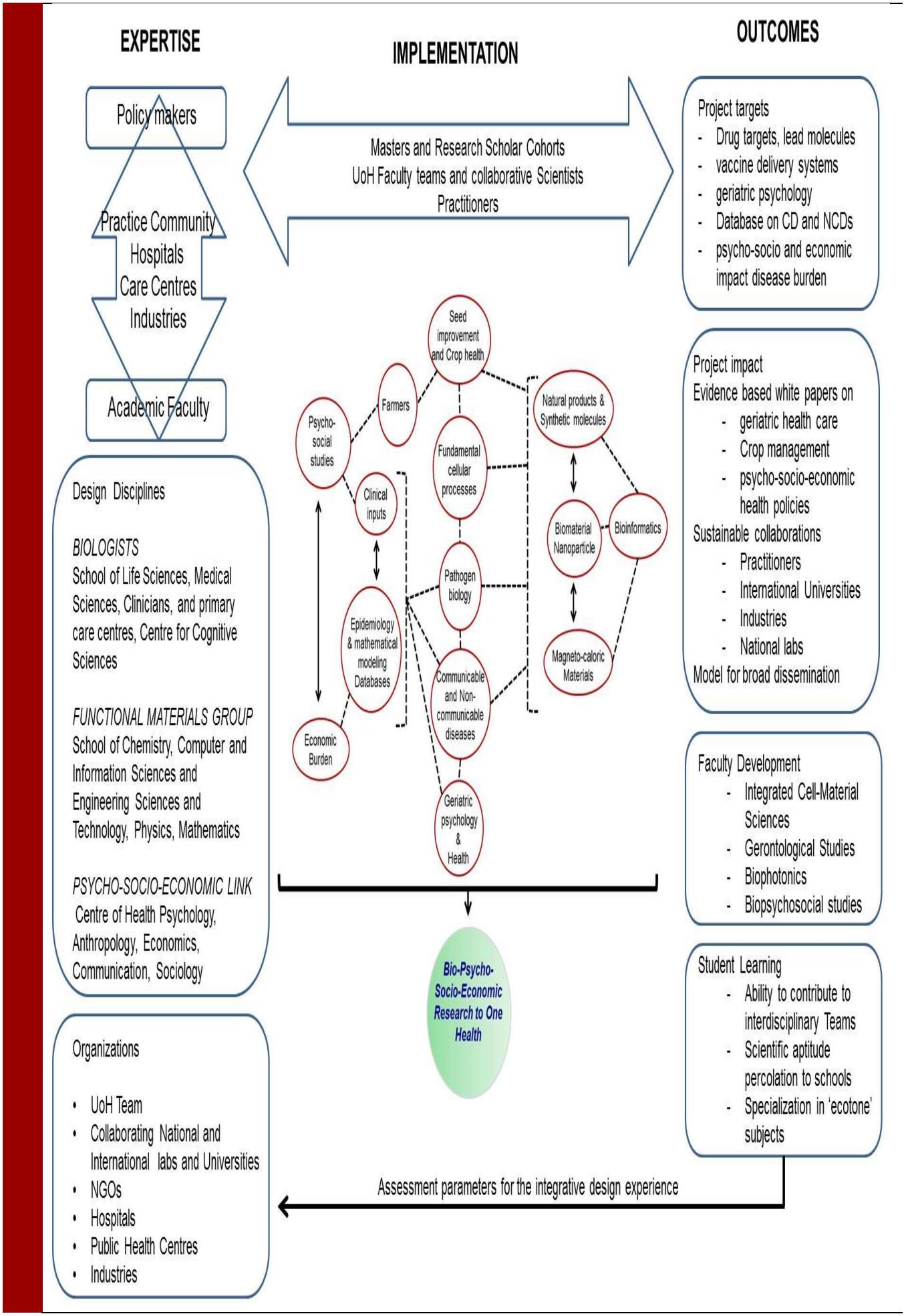
Constitutive Units

1. The Biologists (School of Life Sciences, Medical Sciences, Clinicians, and primary care centres, Centre for Cognitive Sciences)
2. The Functional Material Group (School of Chemistry, Computer and Information Sciences and Engineering Sciences and Technology, Physics, Mathematics)
3. The Psycho-Socio-Economic Link (Centre for Health Psychology, Anthropology, Economics, Communication, Center for Philosophy and Health)



Research Plan and Role of Various Units

A schematic representation of the plan and its outcome under the cluster for Research in Health and Disease is given below followed by a brief description


EXPERTISE
IMPLEMENTATION
OUTCOMES
Policy makers
Practice Community
Hospitals
Care Centres
Industries
Academic Faculty
Masters and Research Scholar Cohorts
UoH Faculty teams and collaborative Scientists
Practitioners
Project targets
- Drug targets, lead molecules
- vaccine delivery systems
- geriatric psychology
- Database on CD and NCDs
- psycho-socio and economic impact disease burden
Seed improvement and Crop health
Farmers
Psycho-social studies
Fundamental cellular processes
Natural products & Synthetic molecules
Clinical inputs
Biomaterial Nanoparticle
Bioinformatics
Pathogen biology
Epidemiology & mathematical modeling Databases
Magneto-caloric Materials
Communicable and Non-communicable diseases
Economic Burden
Geriatric psychology & Health
Project impact
Evidence based white papers on
- geriatric health care
- Crop management
- psycho-socio-economic health policies
Sustainable collaborations
- Practitioners
- International Universities
- Industries
- National labs
Model for broad dissemination
Design Disciplines
BIOLOGISTS
School of Life Sciences, Medical Sciences, Clinicians, and primary care centres, Centre for Cognitive Sciences
FUNCTIONAL MATERIALS GROUP
School of Chemistry, Computer and Information Sciences and Engineering Sciences and Technology, Physics, Mathematics
PSYCHO-SOCIO-ECONOMIC LINK
Centre of Health Psychology, Anthropology, Economics, Communication, Sociology
Faculty Development
- Integrated Cell-Material Sciences
- Gerontological Studies
- Biophotonics
- Biopsychosocial studies
Bio-Psycho-Socio-Economic Research to One Health
Student Learning
- Ability to contribute to interdisciplinary Teams
- Scientific aptitude percolation to schools
- Specialization in 'ecotone' subjects
Organizations
• UoH Team
• Collaborating National and International labs and Universities
• NGOs
• Hospitals
• Public Health Centres
• Industries
Assessment parameters for the integrative design experience

1. *The Biologists* (School of Life Sciences, Medical Sciences, Clinicians, and primary care centres, Centre for Cognitive Sciences):

This includes groups associated with understanding the biological processes of diseases (both in plants and animals), identifying critical pathways for disease intervention, testing new molecules (natural or synthetic from the group involved in generating functional molecules) to targeted pathways, studying Indian populations in clinical setups for disease parameters, genetic predisposition and treatment outcome. The group also includes plant geneticists and physiologists involved in improving yield and quality of economically important plants like rice, tomato etc. These groups of scientists would work on both basic and translational projects towards understanding the diseases. A sketch of the scheme is given below:

Faculty from School of Life Sciences will be involved in understanding the cellular processes in health and disease, both in plants and animal cells. Under this, a team will be engaged in deciphering the fundamental cellular processes like nuclear organization, mitochondrial biology, vesicle transportation, DNA repair, epigenetics and translational machinery, yet another team will be closely working with them to study the perturbations in these processes during infections (tuberculosis, HIV, Plasmodium, Dengue virus, plant viruses) or external stresses. The team working on infectious diseases of humans/plants will also study host-pathogen interactions and work towards identification of new biomarkers and targets, which they will validate in a pilot study in collaboration with hospitals within Hyderabad and across the country.

Faculty of School of Medical Sciences will be engaged in basic research in close association with hospitals studying Non-Communicable diseases like Cancer, Cardiovascular Disease, Diabetes Mellitus, childhood obesity, food safety and nutritional requirements specially linked to maternal and child health groups, and Ocular diseases. At the same time they will be employing translational approaches in these areas, including stem cell therapy for ocular disorders. In liaison with hospitals and faculty of School of Social Sciences and Centre for Cognitive Sciences, faculty from School of Medical Sciences through research will participate in the promotion of health care for the elderly, mental health issues including substance abuse, and issues of blindness etc.

2. *The Functional Materials group* (School of Chemistry, Computer and Information Sciences and Engineering Sciences and Technology, Physics, Mathematics):

The team of biologists mentioned above, will be engaged in screening natural and synthetic molecules as designed, fractionated or synthesized by the functional material group comprising of the faculty of School of Chemistry, Computer and Information Sciences and Engineering Sciences and Technology.

School of Chemistry will be involved in synthesis and will design switchable inorganic compounds to target-recognize toxic substances (referring to healthcare) and exhibit diverse molecular functions including organic functionalization (of industrial importance). The designing and interpretation of the data as a whole will involve both theory and computation. Nano formulations of the functional molecules, generated by the team of School of Engineering Sciences and Technology would also be tested by biologists.

The School of Physics participates in the area of advanced material synthesis and characterization such as Electronic Materials, Electrocaloric and Magnetocaloric Materials, Nano materials & nano composites etc that will contribute to generation of bio-compatible material and bio-sensors. The faculty from Schools of Life Sciences and Medical Sciences would collaborate with School of Physics towards development of these areas through identifying biomarkers and testing the biocompatible materials for functionality. Neurobiologists from Centre for Cognitive Sciences, together with Physicists and Mathematicians, propose to develop new technologies and algorithms towards studying and mapping neural connections

3. *The Psycho-Socio-Economic Link* (Centre of Health Psychology, Anthropology, Economics, Communication)

This component works side-by-side with laboratory research, combining data collection and analyses for genetic disorders, pattern of spread of diseases and their mathematical modeling, with psychological and economical impact of disease treatment and treatment success. The design of this component includes addressing how social and psychological factors influence spread and treatment outcome of a disease involving the interdisciplinary field of health psychology. We expect that this would have two important outcomes (i) creation of a database with SNPs/genetic/epidemiological data for Indian population and diseases prevalent in and specific to India (ii) incorporation of psychosocial factors on medical theory and practice.

Centre for Health Psychology will correlate the biological, psychological, and social factors in illness and treatment outcome. They will be engaged in promotion of sentiments and related education and analyze the treatment outcome before and after counseling, generating whitepapers for improved health care system. School of Anthropology, along with epidemiologists and statisticians will participate in mapping and studying genetic disease burdens on indigenous populations and contribute to socio-economic transformation in these populations through counseling and education. They will collaborate with Institute of public health and other renowned health care institutes for this. A team from School of Social Sciences will study psycho-socio impact of existing pest control programmes, failure of crops and the ground requirements for farmers. The team, in collaboration with department of plant sciences, will also impart education to them for effective crop management. The School of Economics will analyze the impact of disease burden on our society from microeconomic, at the level of households to the macroeconomic level, the impact of the gross domestic product (GDP) of our country and add evidence based changes into policies.

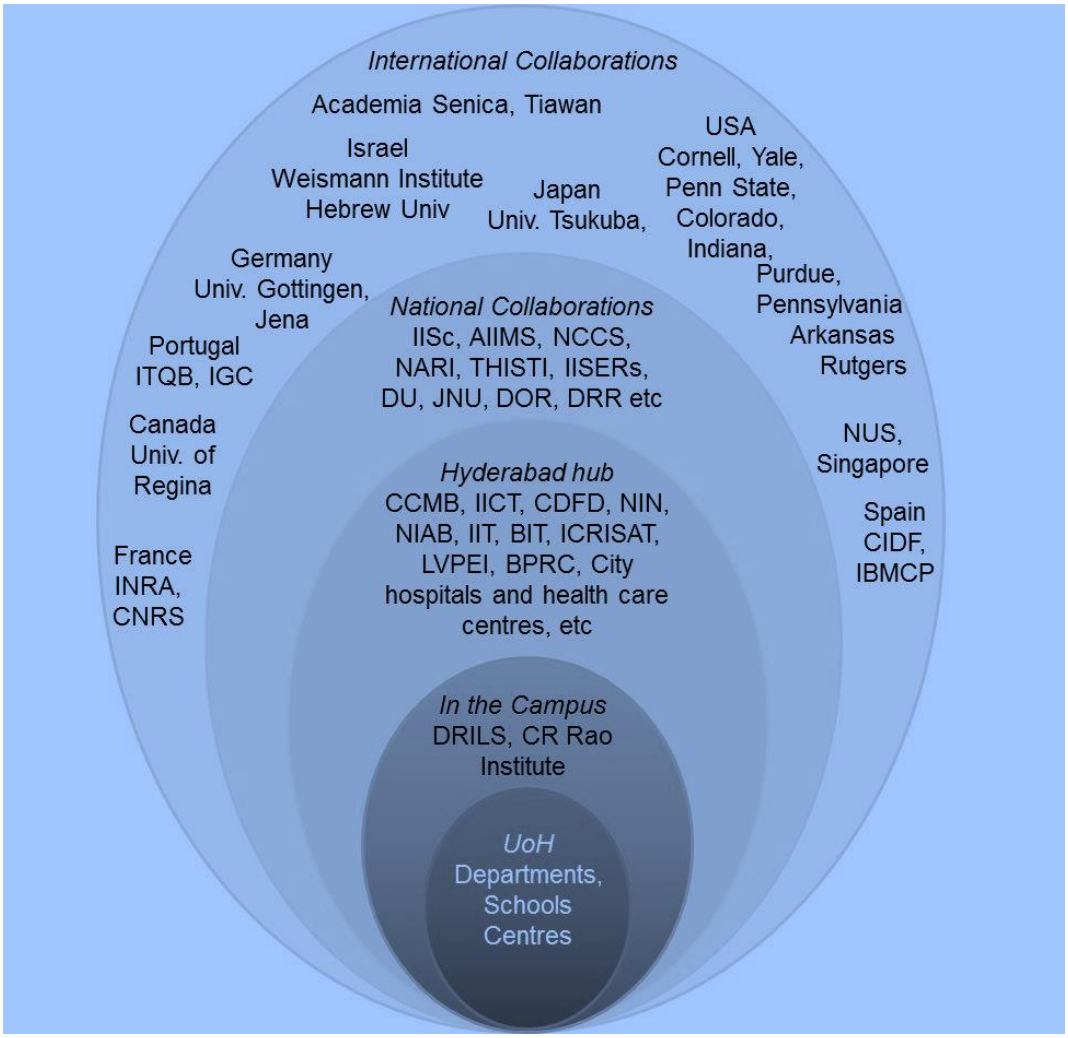
Associated with this Centre, we propose to develop the following:

- Bio-banking facilities
- Small molecule repository
- Data base of CD and NCD - Field based Epidemiological studies- including a cohort for longitudinal studies

<u>Outcome</u>

- Understanding of basic mechanisms involved in diseases, perturbations at molecular and cellular levels (of plant and animal diseases under study), with expanded international collaborations for high end non-invasive microscopic techniques, stem cell therapy, and biomedical engineering
- New drug targets, lead molecule identification and new vaccine delivery system for disease intervention and aging leading to patents, collaborations with industries
- Documentation of geriatric psychology and health care requirements and dialogue with government for implementation
- Data base of CD and NCD- Field based Epidemiologic studies- including a cohort for longitudinal studies
- Documentation of psycho-socio and economic impact disease burden and evidence based white paper generation for improved health care and crop management policies

Collaborations



Cluster 2
Centre for the Study of Public Emotions
The Public Emotions Project: Towards an Affective Geocultural History

Situated at the intersection of literary studies, cultural studies, psychology and cognitive sciences, this project, broadly termed Emotion Culture Studies (ECS), proposes to study "public emotions".

Rationale

Globally, the affective turn in literary-cultural Studies, has effected a shift: the history of public emotions. The world over such projects have redefined (i) the study of emotions (ii) the study of publics (iii) the study of identity politics. India has not seen such a project, to the best of our knowledge, although work on emotion cultures has appeared in the recent past. We see this as cutting-edge and offering an entirely new way to examine spaces, processes, regions and events through a study of 'affect regimes'.
Emotion maps of cities such as London have appeared in the last decade. In other cases, optimism, depression and other 'public emotions' have been effectively harnessed to develop cultural histories of cities.

Principle Objectives

The Project is geared towards the making of an Emotion History and Emotion Geography of UoH. We expect it to be partly ethnographic, in terms of documenting responses, but also theoretically interdisciplinary since the study of emotions involves examining the representational, medical, cognitive-psychological, sociological dimensions of emotions. With the development of the World Happiness Index,

Wellness Studies and such, it is topical and essential, we think, to study at least one site through this lens.

We hope to examine predominantly *outrage*, *anxiety-depression*, *joy-wellness*, *hope-aspirations*.

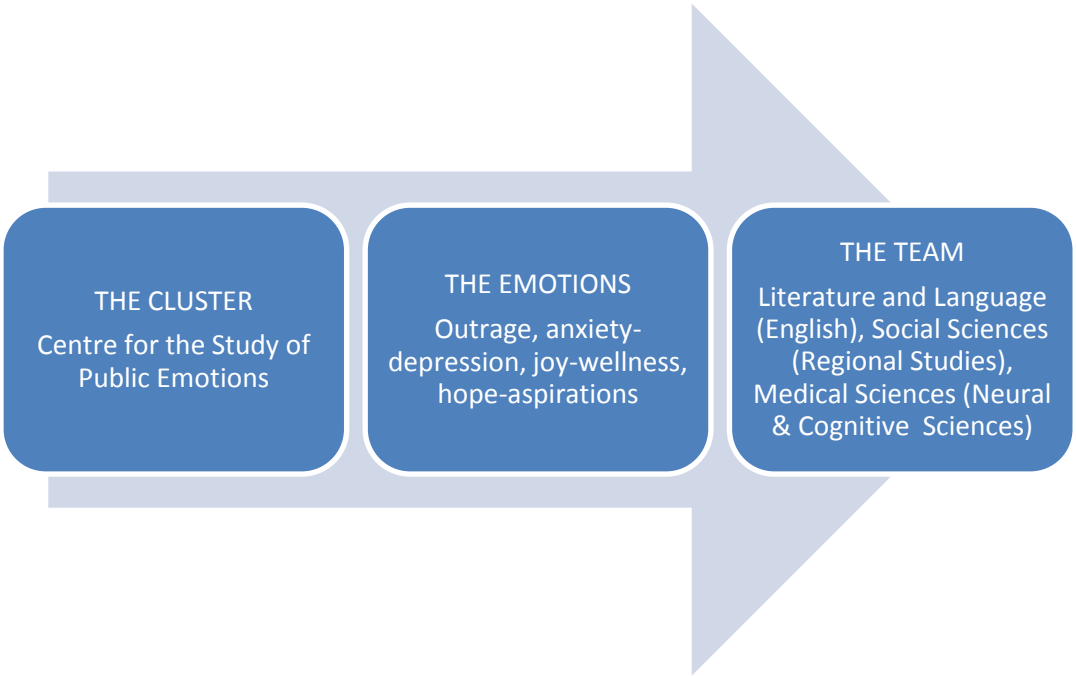
We hope to find answers to questions such as:

- What is the dominant 'mood' or feeling during any particular event/season/time in UoH (Convocation time, election time, Sukoon time, exam time, protest time)?
- What is the political history of any specific emotional state in UoH? Is despair, anger, joy, collectivized in the campus?
- What representational forms have evolved / will evolve that capture the psychogeography of UoH?
- How do emotions on UoH campus enable, or disable, a sense of belonging? How are these 'belongings' distributed across short-term residents, long-term residents, permanent faculty, non-teaching but long-term employees?
- Can pedagogies be reinvented through a recognition of such collectivized feelings among students?

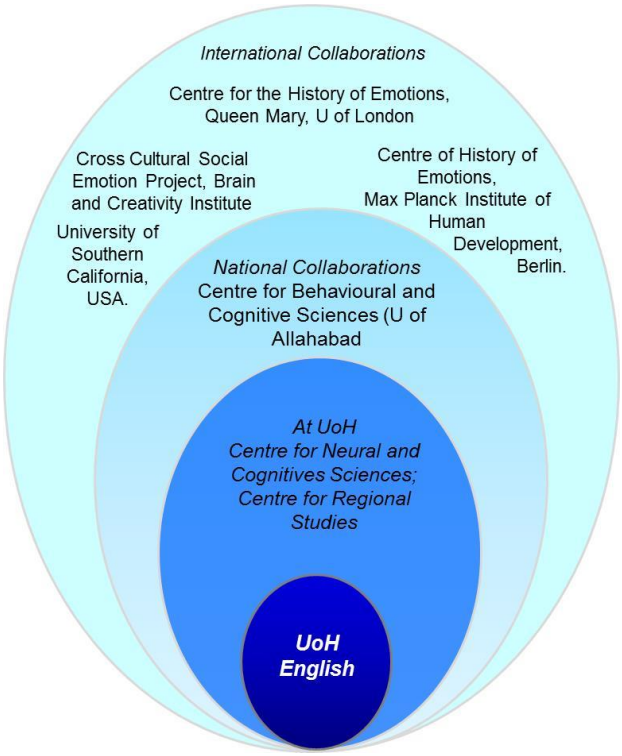
Having examined, to begin with, UoH as a site of study, we expect to broaden it out to include the city, the region and eventually other cities. This, we hope, will be a one-of-a-kind emotion history-and-geography project in India.

Constitutive Units

English, Cognitive and Neural Sciences, Centre for Regional Studies



Collaborations



Research Plan

2018-2023

i. Developing the Theoretical Categories of Emotions and examining Affect Regimes in UoH. These will include:
   a. Emotions and Power
   b. Emotions and the Body
   c. Emotional Intelligence
ii. Develop a "Feel Tank" (as opposed to a Think Tank) around the affect world that is UoH, to document Emotional Responses to specific sites on UoH Campus
iii. Organize "Depress In", "Joy-In" (like sit-ins) sessions for students and Faculty on campus by way of documenting public feelings.
iv. First Conference on Public Feelings and the Campus

Adapting a model used in Toronto and other cities, in specific regions, this first segment requires the documentation of individual responses to specific sites on UoH Campus: Mushroom Rock, VC Lodge, Library Junction, Canteens, Library, Administrative Block, etc.

2023-2028

i. Studying Representations of Public Emotions: Media, Forms, Genres.
ii. Examining the link between Space and Emotions.
iii. Second Conference on Public Feelings and the Campus

This includes studying the various pamphlets, documentaries, sloganeering, banners, official and non-official documentation (including social media).

2028-2033

i. Third Conference on Public Feelings and the Campus
ii. Producing an Interactive, multimodal Affective History of UoH for publication
iii. Producing an Interactive, multimodal Emotion Map of UoH.
iv. Moving outward to include the city and the region.

Expected Outcomes

i. Massive documentation of public feelings and the Campus.
ii. At least two volumes from the conferences, art-work/cultural texts (including activist propaganda, pamphlets, speeches, etc), with an emotion map of UoH.

Infrastructure

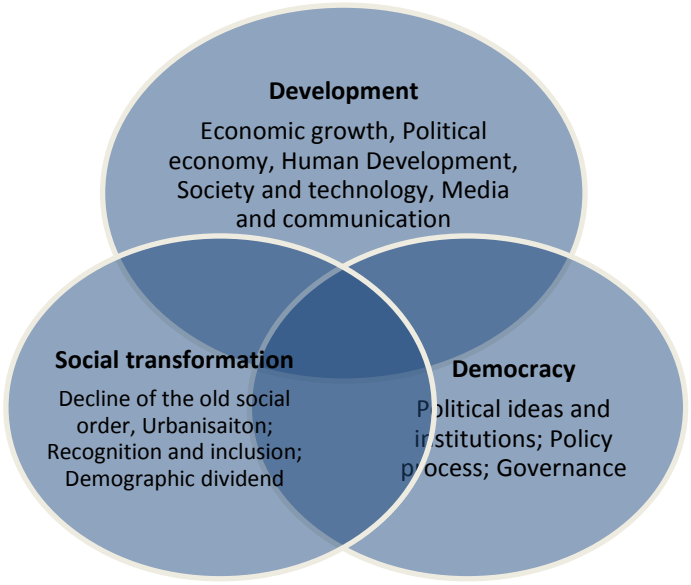
Emotion Cultures Laboratory-cum-Studio, complete with recording devices, workstations, secretarial assistants etc.

Cluster 3

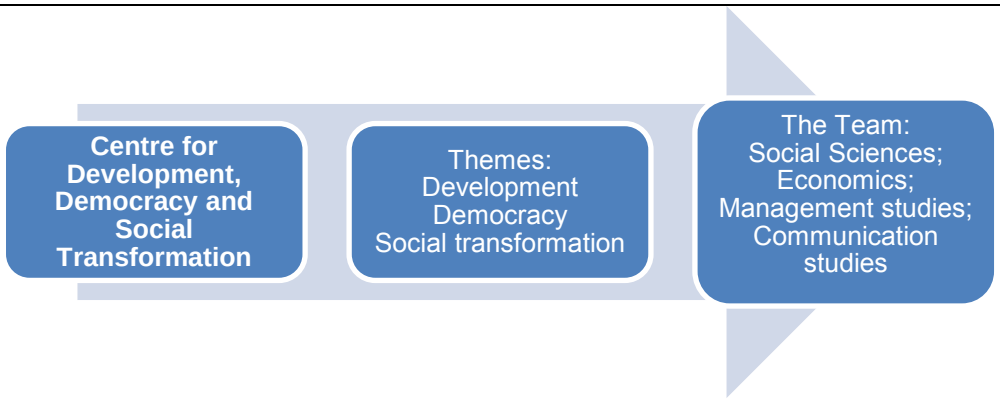
Centre for Development, Democracy, and Social Transformation (CDDS)

Rationale

India is the largest democracy in the world. Indian democracy operates in a highly plural and segmented society. It is quite messy and for that very reason is very vibrant compared to many other established democracies in the world. It faces multiple challenges which need to be addressed at the same time: the challenges of forging national unity, achieving high rates of economic development, securing social justice by ensuring equality of opportunity and affirmative action, and institutionalizing democracy. All social, political and economic action primarily revolves around the great challenge of development through a democratic process. It is in this context, the proposed Centre for Development, Democracy, and Social Transformation (CDDS) would focus on the three inter-related and overlapping themes that are critical to contemporary India.

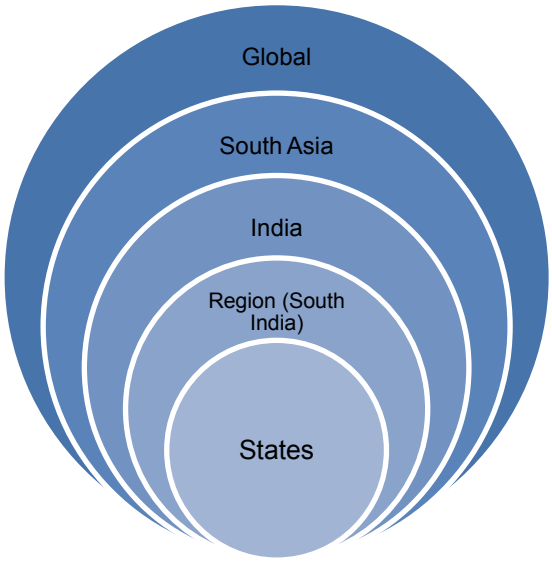


Consolidating and further building on the solid base that the University has in the fields of Social Sciences, Economics, Management Studies and Media and Communication Studies, this Centre would emerge as the nodal centre in the Southern and Deccan region of India for researchers working on the themes and related issues as shown in the diagram above.

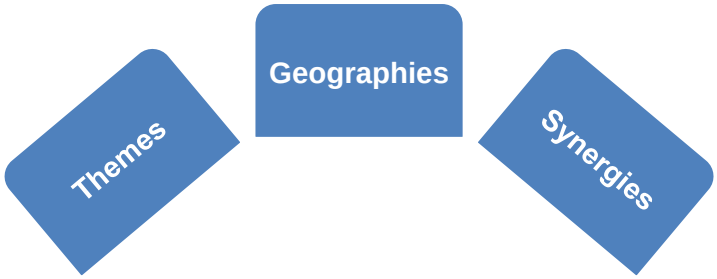


Research Plan

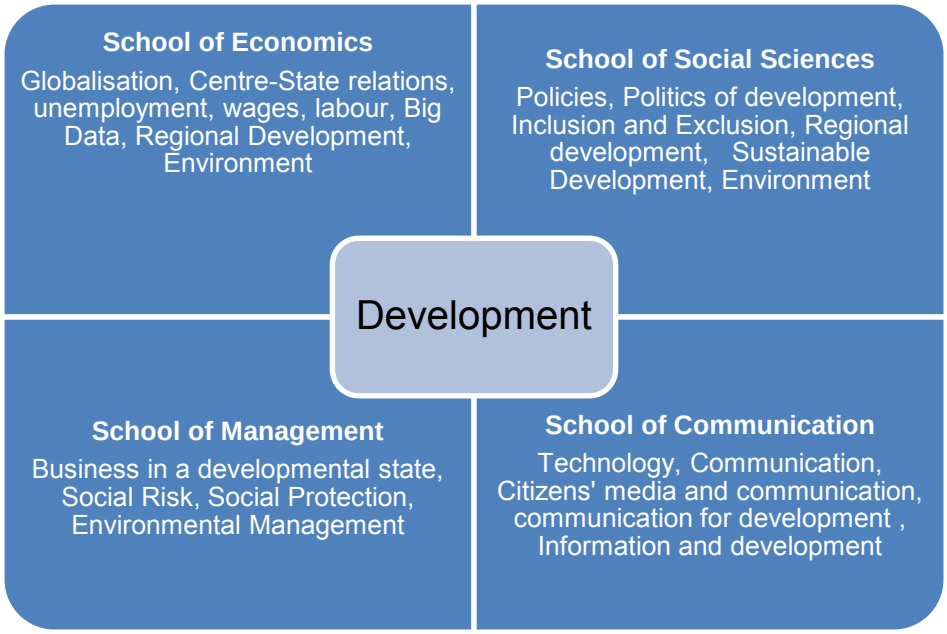
These three themes will be studied in specified *geographies*, beginning with specific states extending to regions (South/Peninsular India) and then to India, to the South Asian region and the world. As a premier national institution located in South India, University of Hyderabad can contribute a great deal towards understanding the social condition in the southern region. Such a study will provide in-depth knowledge of smaller units, simultaneously enabling us to compare units at that level, which leads us to the study of larger regions. In this scaling up and scaling down there will be continuous two-way flow of ideas, conceptual frameworks, and findings between levels each enriching the other.



This will be achieved by interdisciplinarity and interlocking the research agenda of different academic units in such a way that the disciplinary boundaries become porous and theories in different disciplines inform each other. It believes in methodological pluralism, whereby richer and deeper knowledge of the social phenomena can be generated through different methods of inquiry and mixed methods. It seeks to achieve *synergies* by forging collaborative research between scholars in different fields such as Social Sciences, Economics, Philosophy, Linguistic Sciences and the Media within the University and with scholars' elsewhere in India and outside.



We use development as an example to highlight how the CDDS is well placed to examine the implications of increasing digitization in today's world.



Constitutive Units

The Department of History is an advanced Research Centre for Indian History. It focuses on the socio-economic and cultural history of Peninsular India, namely, Andhra Pradesh, Telangana, Karnataka, Tamil Nadu, Maharashtra and Kerala. At the same time, the diverse historical linkages of the Deccan region with the rest of India and the outside world, through the terrestrial and oceanic routes, are also actively investigated. With its cutting edge themes and inter-disciplinary orientation, pursuing local and regional history in their larger connectedness within the sub-continent and beyond, the Department has gained considerable recognition in teaching and research at the national as well as international levels. It also proposes a research initiative on the historical Indian diaspora with an intention of providing policy directives to the government on multiple issues of concern to the Indian diaspora and the Indian state towards them, and vice versa, in the contemporary world.

The thrust areas of research for the Department of Sociology would be the dynamics of regions in the context of change and continuity in Indian and south-Asian societies. This covers research with a focus on:

- Hyderabad – its rich cultural heritage and as an emerging metropolitan urban space in India;
- Telangana as an emerging space for socio-economic and political change;
- South India as a zone of socio-economic and political dynamism;
- Deccan societies and their unique character;
- The porous borders between the South and the East, with a particular focus on the developmental practices of the latter;
- The North East and its southward movement; and
- The South-Asian neighbours and our contours of interaction.

The Department would undertake focused research on the following themes: Migration and Cultural Adaptation of North East Indians in Hyderabad; Exploration of Religious Spaces and Practices; Multiple Marginalities and Social Justice; Globalization, Environment, Development and Livelihoods; Body, Disability and Society and Knowledge and Innovation Systems.

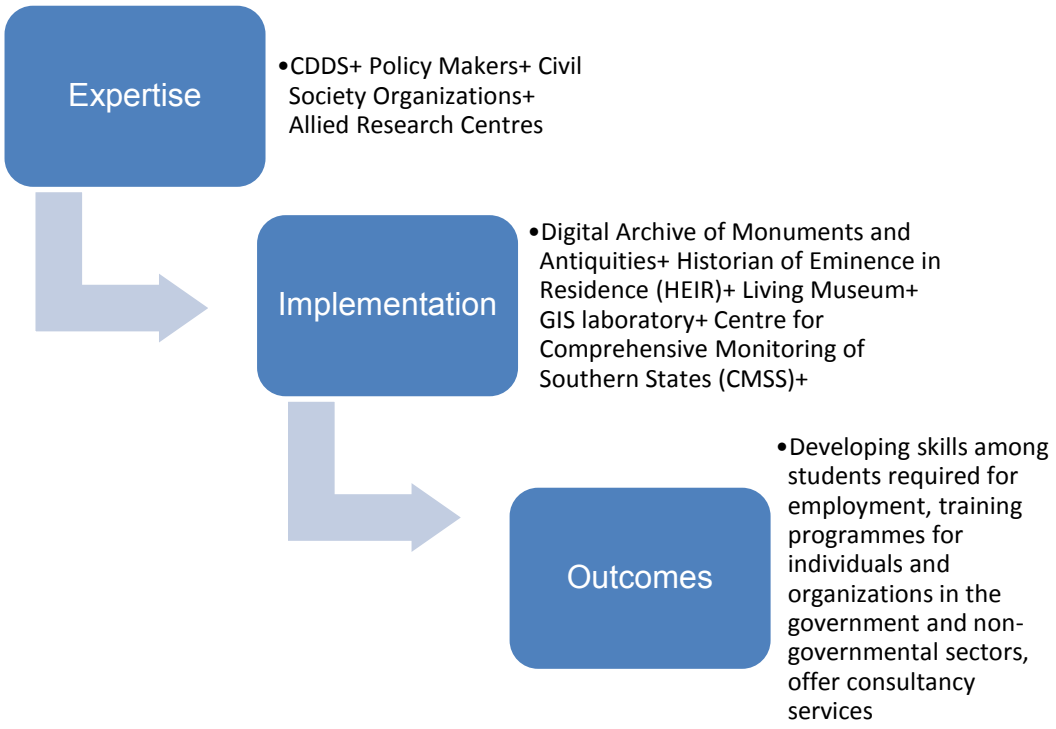
The Department of Anthropology proposes to engage in longitudinal monitoring of socio-economic transformation among rural and tribal communities through studies. It also proposes to set up a centre for the study of indigenous peoples, and center for aging studies.

The Department of Political Science proposes new research under the following themes:

- Human Security Studies: Human Security is a paradigm that interrogates the state-centric discourses which have been the focal themes of the sub-discipline of International Relations in the conventional sense. It brings in individual/society centric approach towards understanding the notion of security by broadening and deepening its meaning. It incorporates new concerns such as environmental and gender issues, human rights and so on.
- Indian Political Ideas: The Department will evolve analytical and conceptual frameworks which address global political challenges such as the resurgence of nationalism, the calls for more ethical and inclusive justice, rise of online activism and plebiscitary politics, and rise of terrorism and fundamentalism. The faculty will contribute to an emerging field of comparative political thought by not only bringing in hitherto under analysed textual sources but also highlighting the resilience of Indian ideas of virtue, justice, shared sovereignty and war and peace.
- Indian States and Political Institutions: The Department intends to deepen its research engagement with various institutional and policy innovations in India to accommodate its socio cultural, linguistic and religious diversities. The faculty will mainly pay attention to subnational variations among Indian states which operate within the same constitutional framework and electoral system with a variety of outcomes in terms of leadership, governance and economic development. This provides a "virtual laboratory" for comparative social science research on Indian politics.
- Policy Studies: There is also considerable renewal of policy studies and room for forging collaborative research with government agencies such as Niti Aayog as well as non-governmental agencies to look at the innovations in policy making, the impact and implications of Public-private partnership and so on. There is scope for the Department of Political Science, School of Economics, and the School of Management Studies to collaborate to undertake policy studies and also designing courses in policy analysis.

The Centre for Regional Studies has identified four thrust areas for long-term research. The research areas include Identity, Disparities, Convergence and Sustainability. The research thrust would examine multiple issues including, cross-border migration and refugee camps and violence, globalization and economic geographies and disparities, convergence of new technologies and environmental issues.

The Centre for Folk Culture Studies proposes to research Bardic Traditions and Oral Narratives, Indigenous Knowledge Systems, Ethno-medicinal Practices and Sustainable Developmental Practices. These projects will provide a comparative survey and analysis of the epistemological properties, worldviews and modes of transmission associated with various indigenous knowledge systems. It includes types of knowledge in different realms of folk life-material culture, indigenous technologies, arts, crafts, fishing, hunting, ethno-medical practices, ethno-botany, beliefs, indigenous legal and police systems, traditional agrarian and industrial practices, water resource management and ethno-astronomy. Such knowledge is crucial for the subsistence and survival in the wake of globalisation.



Collaborations

The Department of Anthropology proposes to collaborate with institutes of national repute such as, Centre for Economic and Social Studies, National Institute of Rural Development, Council for Social Development, Centre for Innovations in Public Systems, Tribal Culture Research and Training Institute, Institute of Public Health and Administrative Staff college of India.

The Department of History proposes a novel networking and partnership programme called Historian of Eminence in Residence (HEIR). HEIR will help increase connections and exchanges between the Department and global academia. This platform increases its visibility and also enhances the Department's capabilities.

The Department of Sociology would seek to collaborate with other Departments and Centres in the School of Social Sciences, Humanities and in the SN School of Arts and Communication in all its programmes. Additionally, it also seeks to undertake 'policy analysis' and 'impact assessment studies' of welfare and development programs implemented by the government, corporate and Non-Governmental Organizations both in regional and national contexts.

The Centre for Regional Studies believes that the task of interdisciplinarity is to cast a spotlight on issues that get neglected or omitted by disciplines. It will attempt to link with other departments and centres in and outside the School including Anthropology, Economics, English, Communication, History, Sociology, Political Science, Gender Studies, Humanities, School of Life Sciences and UCESS, and National Remote Sensing Centre.

The Department of Political Science has research and academic collaboration of one kind or the other with universities within and outside India. It seeks to renew and strengthen such collaborative activities with these institutions which include the University of Wurzberg, Germany; University of California, Berkeley; Kings College, London; Heidelberg University, Germany; Uppsala University, Sweden and National University of Singapore, Singapore.

Archives, Museums and Laboratories

We seek to establish the following facilities to enrich the research potential.

The Department of History proposes to create a Digital Archive of Monuments and Antiquities using advances in Gigapan and 3D Scan Photography. Additionally, the Department also proposes a Community Lab. The Community Lab aims to digitize the diverse imaginations and articulations of community

formation and politics. The attempt is to build a solid resource base to write the community histories in an effort to historicize their present at a time when political mobilizations and claims of citizenship – legitimacies and counter-legitimacies alike – are spoken and fought along caste and community lines. The Lab would build national international collaboration, in its becoming a centre of excellence for community studies in India.

The Department of Anthropology proposes to build a Living Museum with both indoor and outdoor exhibits. The Centre for Folk Culture Studies plans to build a virtual archives for audio-visual documentation of the manifold folk forms with an aim to develop an interface between the folk, researcher, developmental agencies, corporate groups and policy makers.

The Centre for Regional Studies would like to set up a GIS Laboratory where spatial data analysis facilities would be provided to train students. The Centre for Women's Studies plans to set up a digital archive with specific focus on collecting/recording the oral histories and women's movements of the region that require systematic documentation. Such an archive at the Centre for Women's Studies in the University of Hyderabad has the potential to serve as a critical resource for scholars and feminist historians interested in specific and regional trajectories of gender and society in South Asia.

The Spin-offs

In addition to the generation of in-depth knowledge of the pressing social problems of our time and the ways to address them, the proposed research would lead to:

- ✓ Introducing new, innovative and state of the art courses in different Schools, Departments and Centres;
- ✓ Designing and implementing new inter-disciplinary Master's programmes;
- ✓ Developing skills among students required for employment beyond the academic universe;
- ✓ Offer training programmes for individuals and organizations in the government and non-governmental sectors, offer consultancy services;
- ✓ Providing inputs in the policy process;
- ✓ Forging collaborative research groups and networks to become part of the global effort to generate knowledge in the emerging fields of social sciences; and
- ✓ Exploring the ways in which the challenges faced by Indian state, society and its people can be addressed and resolved.

Centre/Cluster 4

Integrative Research Conclave for Advanced Functional Materials (Science, Engineering &Technology)

Rationale

Today, functional materials are vital to create innovative science and technology and thereby to address the issues of sustainable energy, resilience and healthcare. These challenges inspired us to design and synthesize inorganic compounds that can act as switchable materials to recognize toxic substances (referring to healthcare) and exhibit diverse molecular functions including organic functionalization (of industrial importance), catalytic proton reduction to molecular hydrogen and water oxidation (referring to sustainable energy). The main and foremost aim of ours is to synthesize / develop materials that can be described as functional materials in the sense that the they would function, mostly, in reversible cycles without their destruction. The molecular functions, mediated by proposed synthesized materials, include Electrocatalytic reactions (that include electrocatalytic water oxidation to molecular oxygen, electrocatalytic water reduction to molecular hydrogen, electrocatalytic oxygen reduction, etc.), green organic transformations of industrial importance (including organic oxidations using aerial oxygen as an oxidant), aerial CO_2 capture from the atmosphere mostly as carbonate (and its removal / exclusion by gas solid reaction to obtain carboxylic acids: organic chemicals from aerial carbon dioxide!) and proton conduction in the solid state in the context of electrolytic membrane in solar cell. The proposed molecular functions, described above, not only address the fundamental issues of general chemistry (for example, water oxidation $2H_2O \rightarrow O_2 + 4H^{+}{}^{+}\ 4e^{-}$ is the most important and useful reaction on the surface of earth , because it is a key half reaction in natural photosynthesis and is the fundamental one having

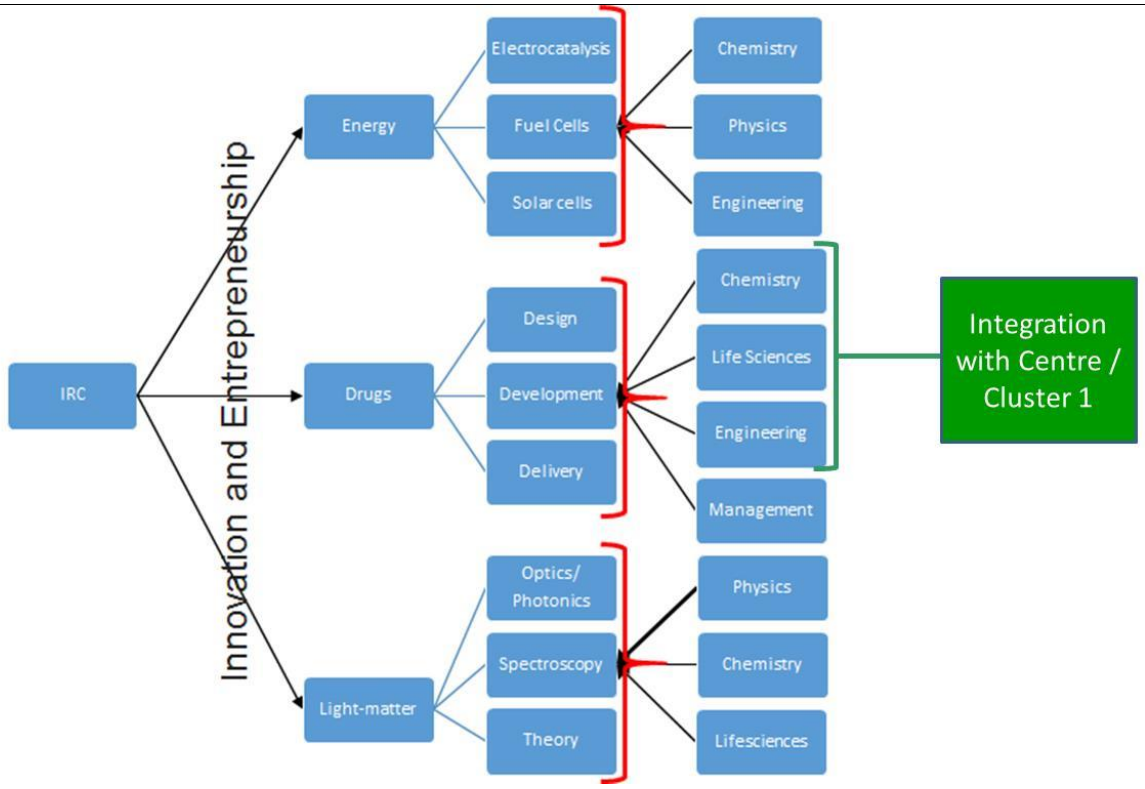
high kinetic barrier and higher oxidation potential, 1.23 V vs. NHE, with the involvement of $4H^+/4e^-$), but also deal with practical challenges (for example, electrocatalytic hydrogen generation from water) for clean sustainable energy production (directly useful to human society) as well as with environmental (global warming) challenges (aerial CO_2 fixation). These are a few illustrative examples of the science, engineering and technology objectives under this cluster.

Constitutive Units

The Science Schools (School of Physics, School of Chemistry and School of Life Sciences) of University of Hyderabad are internationally recognized for the significant achievement of its faculty since inception. In an attempt to bring together the best and the bright faculties in the respective schools, along with those from the relatively newly formed School of Engineering Sciences and Technology, onto the same platform to scale-up the achievements and visibility, we propose a University Research Conclave for Advanced Functional Materials. The synthesis and characterization expertise of advanced functional materials by faculty of Physics, Chemistry and Life Sciences will synergistically blend with the advanced applications and device fabrication capabilities of the Engineering faculty, which in addition is expected to serve a large variety of environmental, health care, energy and novel material requirements of the country. A Scientific-Technology exchange platform will be built to enable the research groups to come together to achieve greater heights of achievements in the future. This initiative recognizes the need for multi- and inter-disciplinary approaches to all aspects of science and technology.

Theory and computation is at the heart of any experimental study in Physics, Chemistry and Life Sciences. It became necessary to understand the experimental data and to pave pathways for new scientific endeavors. For example, characterization of structure of the synthesized molecules and assignment of high-resolution spectroscopy results necessarily be aided by theory and computation. The latter also needs development with the system of growing sizes and growing complexity in their properties. Characterization of molecules in the stellar atmosphere by spectroscopic studies and the fragmentation dynamics of molecules in the exotic interstellar conditions pose much challenge for the future development. In addition, large scale computer simulation of biological systems for the processes related to life is yet another challenge for the future. Most of the real-world applications of chemistry focuses on elements that are hard to simulate using traditional classical simulation techniques. Currently, QM/MM methods are one of the best alternatives to gain theoretical insights into diverse research problems. QM/MM calculations for large scale system sizes require GPU based high performance computational resources.

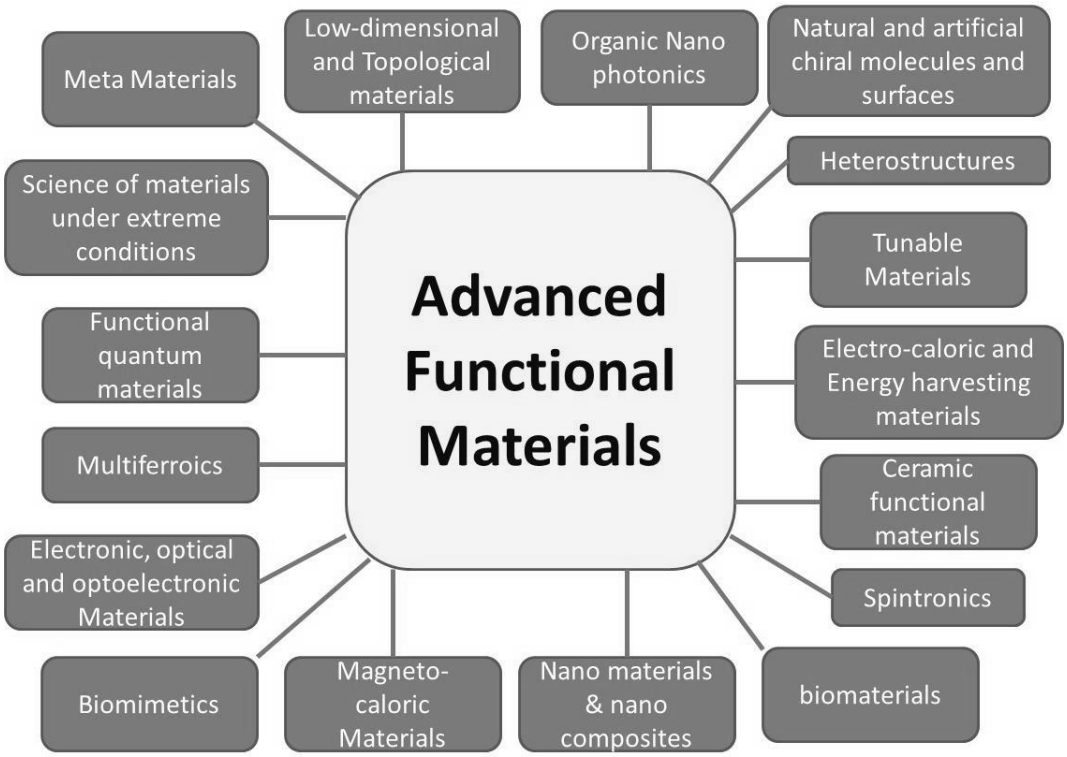
These Research Clusters will be organized under the umbrella of an Integrative Research Conclave (IRC) on the campus. Some typical research themes and potential participating Schools/Departments are indicated; this is indeed, subject to extensive modifications based on responses from all Schools/Departments. The motive behind the innovation driven interdisciplinary programmes is to translate scientific know-how, knowledge and techniques into technologies by promoting entrepreneurship skills among the faculty members.



Principal Objectives

The objective is to exploit the existing expertise to form a coherent group that will attract world-class talent in all areas of functional materials, seamlessly cutting across disciplines, encompassing Physics, Chemistry, Life Sciences and Engineering. A part of this cluster will collaborate with Cluster-1 for health. It is to be noted that it is expected that this larger identity will enable the group to bid for large funding and also embark upon ambitious collaborative projects, cutting across traditional barriers. Eminence will be achieved through National and International collaborations, unique interdisciplinary teaching programmes, including fundamental science and technology, establishing world-class facilities that will expose students to cutting-edge technologies and state of-the-art in research. The students will make the transition from post–graduate to research level through teaching-cum-research programmes that will focus on the development of analytical and research skills with faculty drawn from institutions across the world.

This Conclave will have several smaller clusters that will have further collaborations within and outside the clusters to develop materials required for various applications geared towards betterment of human life. Some of the broad research areas that faculties in the different Schools are already involved in and will be expanding are summarized schematically below. These are also briefly described and detailed in the vision documents from respective Schools.



We have identified areas of research suitable for the development of necessary technologies and devices:

a. *Condensed Matter Theory and Complex Systems*: Nanomaterials, Quantum dots, Carbon nanotubes, Graphene, Spintronics, Ultra cold-atoms and Bose-Einstein condensation, Topological insulators, Quantum Hall effect, Strongly correlated systems, Superconductivity and superfluidity, Soft and active matter.

b. *Optics and Photonics:* The thrust areas would include structured light sources, structured surfaces including meta-materials and bulk materials, nano-, bio- and neuro-photonics, near-field and quantum optical technologies.

c. *Next Generation Energy Harvesting and Storage Materials*: This will include developing materials and prototype Li-ion battery/supercapacitor fabrication, new generation solar photovoltaics, Solar smart grids: Solar direct-current micro-grids can provide reliable and affordable electricity to areas that are not connected to the main grids, and developing smart grids including integrating batteries (Li-ion, Na-ion, metal-air and redox flow).

d. *3D Printing of Polymer, Metal and Ceramic Components*

e. *Technologies for Traditional Energy Resources*: Development of plasma facing materials in fusion reactors, Solar Grade Si Processing in collaboration with MIDHANI in processing Si ingots suitable for wafer production.

f. *Layered Nanomaterials' Processing for Various Application*: like Graphene, Inorganic Graphene, Triple Melted Alloys for Aero engines, High Quality Nickel-Base Super-alloys Powder Production, Nanocatalysts, Functional ceramics etc.

Additional details are provided in vision documents of the respective Schools.

Cluster 5
Centre for Translational Vision Research

Vision research is of utmost importance to the healthy life of individuals, more so for the pediatric age group. It is important to identify the causes of visual disability in this age group, initiate research and finally translate them into patient care. This translational research includes both "bench to bedside" and "laboratory to community". Our group focusses on both aspects of translational research and consists of a team of epidemiologists, clinician-scientists, clinicians, and public health experts to make this translational research feasible

a. Vision for Kids

Objectives

1. To assess the awareness of visual problems in dyslexic children amongst the eye care professionals and neurologists.
2. To conduct CMEs to increase the awareness of dyslexia for practicing optometrists.
3. To have public debates on dyslexia to increase the awareness in the general public.

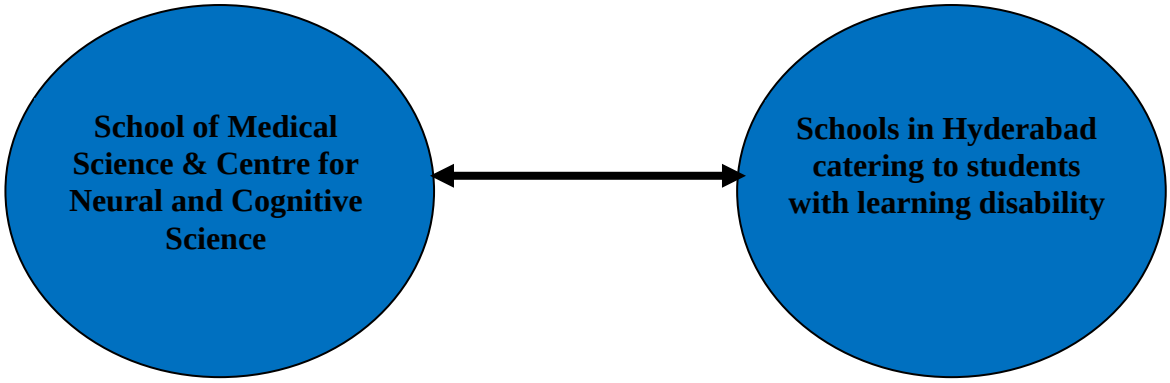
Eye and vision care is a vital component of public health worldwide, and the World Health Organization recognizes that optometrists have an important role in providing primary vision care. While the "gold standard" would be to provide a full eye examination for every single preschool child using diagnostic pharmaceuticals – this is not an obtainable goal. The best vision screening technique has been shown to be retinoscopy performed by a trained optometrist. Currently, vision screening for this age group on a routine basis is not done in India.

The Erasmus+ funded project OCULUS – Optometry Curriculum for Lifelong Learning through Erasmus, aims to improve children's vision in India. The overall goal of this three-year project is to harmonize optometry education by benchmarking the educations provided in India towards the European Diploma. This diploma is accredited by the European Council of Optometry and Optics (ECOO), proposes a curriculum and follows the World Council of Optometry (WCO) Global Competency-Based Model of Scope of Practice. Harmonised education will promote student mobility and enhance training of future eye-care practitioners. Reaching the level of the European Diploma has the potential to facilitate an increased scope of practice for optometrists in India, ultimately improving patient care.

The current estimate of vision and learning related problem (Dyslexia) is 14%. The visual problems noticed in dyslexic children are accommodation problems, convergence insufficiency, decreased fusion ability, stereopsis and saccadic problems [1-6]. Vision therapy is involved in treating the children with defects of accommodation, convergence, fusion and eye movements' problems to develop a normal age expected visual information processing. Eye care professionals play an important role in recognizing the visual problems in dyslexic children. Ophthalmologist and optometrist are required to perform a comprehensive eye examination to rule out significant visual problems and treat them with appropriate therapy.

Therefore spending a huge amount of money on remedial reading and visuomotor skill without the vision therapy is not going to get us 100% results. The aim of the study is to integrate various disciplines like neurology, ophthalmology and optometry to develop a battery of test and management plans based on evidence based practice for a holistic management of dyslexic children.

Constitutive Units



School of Medical Science has expertise in Optometry & Vision Science and Public Health. School of Medical Science also has expertise in Neural & cognitive science. Therefore a team of experts from School of Medical Science and Centre for Neural and Cognitive Science along with schools in Hyderabad which cater to the students with special needs would be involved in the present study.

Outcomes

What we can expect to see at the end of our study are

1. The knowledge of Eye care professionals and neurologists in terms of visual problems in Dyslexia is assessed and improved.
2. There should be an increase in public awareness of Dyslexia and its related visual problems.
3. The most important impact of the study would be seen in the increase in the evidence based holistic care being provided to the dyslexic patients

b. *Cellular and Novel Treatment Modalities*

Objectives

1. Explore the potential of cell therapy for dry eye disease
2. Evaluate the role of novel nano-formulations to target cancer stem cells in Ocular Tumors

The faculty at School of Medical Sciences had established a simple cost effective, feeder-cell free, xeno-free technique of culturing limbal stem cells on human amniotic membrane in India led to the world's largest series of clinical limbal transplantations for severe ocular surface diseases in the world. The team continues to focus on area of adult stem cell research and cancer research specifically related to the eye. Current research focuses on continuing the earlier published work on human lacrimal gland cultures that showed the presence of stem cells and secretory function. The second area of focus is targeting the Cancer stem cells in ocular tumors so as to prevent relapses. The team had identified and characterized the Cancer Stem Cells (CSCs) in Retinoblastoma using in vitro, in vivo and in situ techniques. The team developed a chick embryo tumor xenograft model as an economical, easy to develop animal model, which is further being explored for understanding the mechanisms of tumorigenesis and metastasis of ocular tumors; and exploring targeted therapy.

Constitutive Units

The team would involve expertise available in School of Medical Sciences and School of Life Sciences

Collaborations

- LV Prasad Eye Institute, Mahavir Hospital (Hyderabad)
- Manipal Institute
- Chitkara University
- Sankara Nethralaya, Chennai

International:

- Prof Sarah E Coupland, Univ of Liverpool
- OCULUS partners- from 8 countries

Other Proposed Research Clusters (Select List)

1. Experimental Philosophy and Cognition: Dept. of Philosophy, Centre for Neural and Cognitive Science, CALTS, Dept. of Anthropology, S. N. School of Fine Arts and Communication
2. National Digital Resource for Indian Languages: CALTS, Depts of Hindi, Urdu, Telugu, Sanskrit)
3. Sanskrit Computational Linguistics: Sanskrit, Computer and Information Sciences.
4. Tomato Genome Engineering Centre
5. Corpus Linguistics: Centre for English Language Studies, Depts of Hindi, Urdu, Telugu, Sanskrit.

In the first five years, with the infusion of IoE Faculty, UoH will develop, in collaboration across the Depts., other Research Clusters as well.

Research Laboratories

From the Vision Plans of the various Schools, the following Laboratories have been proposed.

School of Computer & Information Sciences

- Laboratory for Assistive Technologies for Deaf
- Laboratory for Document Informatics and Human-Computer Interaction
- Laboratory for Data Analytics and Machine Learning
- Laboratory for Wireless Sensor and Distributed network Modeling (WISDOM)
- Laboratory for Data Forensics
- Laboratory for Cyber Security
- Laboratory for Bio-Inspired Computing
- Laboratory for Soft Computing and Bioinformatics
- Laboratory for Advanced Computer Networks

School of Chemistry

- Nano Lab
- Magnetism Lab
- Electrical Lab

Centre for Health Psychology

- Restricted Environmental Stimuli Therapy (REST) Lab
- Counseling Teaching and Research Laboratory
- Life Span Developmental Psychology Lab
- Psychodiagnostics and Early Intervention (PEI) Laboratory
- Psychological Testing and Intervention Laboratory (PTI Lab)
- Stress Laboratory

School of Medical Sciences

- Biomedical Research Laboratory in Non-communicable diseases
- Pre-clinic and diagnostic labs to support programmes such as Community Eye Care, Management of Ocular Conditions, PG Diploma in Binocular Vision & Vision Therapy and Post graduate Diploma in Contact Lenses.
- Simulation Lab for Emergency and Life skills management among Health Professionals and Higher Educational students.
- Bio-Banking Sleep lab for Chronic Disease Management/Control/Health promotion [Note: Centre for Health Psychology also proposes a Sleep Lab].

School of Humanities

- Emotion Cultures Lab

E-Learning Centre

- Digital Humanities Lab

b.

A faculty recruitment policy and plan to meet the academic plan requirements and to achieve 1:10 faculty-students ratio.

The University proposes to take maximum advantage of its existing faculty strength across the Departments/Schools. We identify a few areas of critical importance to the University, where we already have considerable strengths, to move them to the next position of world leadership.

UoH will now switch for *IoE purposes* to **program-driven recruitment** by bringing global excellence to the doorsteps of excellent infrastructure available/to be created. Such synergy is expected to enhance quality of research, institutional visibility and global recognition. We will be hiring Faculty contractually, to the tune of **125** (computed on existing strength, superannuation, increased enrollment), for an **initial period of 5 years**.

Summary/Schematic for Faculty Hiring



Explanation

i. *Categorization*: We wish to identify a maximum of 55 professors (10% of sanctioned strength), across the schools to give a special status ('**IoE Faculty**') to take this University to the next level. We intend to reinforce those strengths and facilitate the intensification of innovation and creativity.
   a. 70% of faculty to be recruited in the next five years, shall be Research Professors, 15% to be research/teaching and 15% would be teaching professors.
   b. There will be a cadre of 'IoE Faculty' recruited through different mechanisms, and open to Foreign/OICs etc. Existing Faculty are welcome to apply for the IoE Faculty status, but if selected they are to be governed by IoE rules, regulations and monitoring mechanisms.

ii. UoH will replace cadre-driven appointments with performance based, excellence driven recruitment. The 'perform or perish' kind of recruitment policy is expected to stimulate a healthy academic culture and will help to create a vibrant academic environment.

iii. Initially we wish to critically review strengths of existing faculty. After reviewing the existing strength in a program-centric manner, we wish to recruit IoE faculty to complement the existing academic strength.
   a. *First Five Year Period*: The total strength of **IoE faculty** will be restricted to **15%** of the total faculty participating in a given program, in the first 5-year period. At the end of the fifth year the program will be reviewed to assess the progress and to identify the gaps.
   b. *Second Five Year Period*: Considering the program strength and the age of the faculty, the

strength of the **IoE Faculty** will be taken to **50%** during the second phase of the IoE program. At this stage, the followed recruitment strategy would enable us to take the programmes to global standards.

c. *Third Five Year Period*: The third phase is to acquire the global leadership. In the third phase we wish to have **75% IoE faculty** in any of the proposed programmes. At the end of the 15th year the critical research component of the program will be reviewed and potential leads will be identified to translate the research component to gain economic benefits

iv. *Numbers*: 185 faculty positions at all levels will be available progressively in the next fifteen years, accounting for superannuation**. UoH proposes to increase the faculty size by 15% (over the current strength of 550) in the next five years, starting 2018, in strategically important areas,** especially those within the teaching and research programmes proposed.

v. *Cadres*: We intend to enhance diversity and also plan ahead anticipating future retirements and induct relatively new Ph.Ds, a sizable number at entry/middle level positions.

vi. *No-Inbreeding Policy*: In order to attract global talent, the IoE will not allow inbreeding while recruiting the faculty, except when a very strong case can be made for an exceptionally talented and qualified candidate. However, the upper limit for recruiting candidates who have obtained their highest academic degree (Ph. D.) from the University of Hyderabad would be restricted to less than 5 percent within each academic unit at any given time. In applying this limit, the existing faculty who have obtained their Ph. D. degree from the UoH, will also be taken into consideration.

vii. *Talent hunt for identifying exceptional candidates:* 'talent hunts' will be conducted and highly qualified and exceptionally talented scholars would be invited/recruited as faculty of IoE. It should be in addition to the existing 'advertise and recruit policy'. University/ School/ Department specific think-tank or members of IoE Board would be created involving scholars who are globally recognized to spot the global talent. We expect to widen our source pool of applicants, actively seeking experts from industry, NGOs and other sectors.The advice of the think-tank would be given serious consideration while recruiting IoE faculty. The think tank would be invited to conduct periodic reviews. Suggestions of the think tank would be taken into consideration to quickly snatch the opportunities and to rectify weaknesses and to avoid threats. Global Experts (Global Expert Committee, GEC) to scout for talent *globally*. The members of the think tank on whose advice the appointment was made will not be involved in the GEC. On the recommendations of the GEC the tenure of the faculty may be extended by five more years. Appointments may be regularized at the second review stage, if the academic performance of the candidate is found to meet the expected standards. The faculty may be given an extension of up to five years after superannuation at the age of 65 (or according to the applicable GOI rules). However, if the performance of the superannuated faculty is on par with or better than the regular IoE faculty, they may be continued further subject to the recommendation of the review committee.

viii. *Review and Monitoring Mechanisms:* The existing UoH faculty will be allowed to have IoE salary component only when they meet stringent recruitment and review standards. However, once recruited/invited under IoE scheme, **only** the service conditions of the IoE faculty will be applicable to them. Under no circumstances will the UoH service rules be applicable to them. Faculty not meeting the stringent review procedures shall exit from the University services by giving terminal benefits due to the faculty as per the University rules. An **Assessment and Review Committee** will be an intergral component of the IoE Board for this purpose [**See Governance Plan**].

ix. *Salaries and Incentives*:

a. The faculty recruited under IoE will be given higher salary as compared to the faculty recruited under existing UoH rules. The pay package and allowances should be fixed based on the recommendations of the review/selection committee, approved by the IoE Board.

b. If any faculty attracts research/ consultancy grants from either Govt. funding agencies or private agencies such faculty will be given incentives in the name of *compensation or relocation allowance.*

c. The salary of the IoE faculty would be structured to include perks that facilitate the hiring of personal assistant/secretarial service, transport and other services that enhance the performance of the faculty by reducing their involvement in routine administrative/domestic activities.

d. University will not interfere or restrict if faculty compensation allowance exceeds regular pay as long as the faculty member is discharging his/her regular duties in full with due diligence.

e. The IoE Faculty will be empowered to select their own doctoral students, through their own testing mechanisms, for which a Fellowship amount will be earmarked under IoE funding. The students thus recruited will have to publish one paper in high-impact, reputed journals *before* formal registration as a Ph.D student.

c. ***Proposal, if any, to recruit faculty from industry, Government, Non-profit Organizations, etc. Including foreign faculty.***

Incorporated into the faculty Recruitment Policy

d. ***Student admissions policy mentioning plan to select Indian and foreign students.***

Introduction

UoH already possesses a robust, transparent and socially equitable Admissions Policy across all programmes and courses.

If UoH acquires the IoE status, we expect an automatic increase in demand, fueled by the IoE tag, for our courses/programmes and therefore an increased intake will be pleasantly inevitable.

While the IoE mandate is an increase in enrolment to a massive level, UoH believes in *incremental* increase (although the total number of applications across Schools in 2017 hit an all-time high of **60000**) in the interest of quality infrastructure, teaching and placements.

We offer the following reasons for a slow and less-massive increase in enrollment:

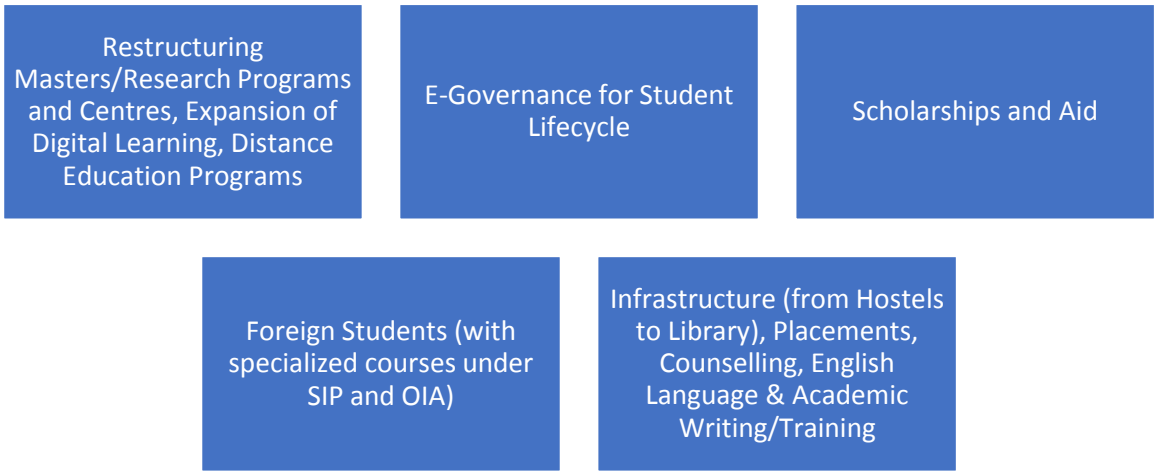
1. Our experience is that the availability of students who qualify with reasonable scores in admission test has decreased in several courses.
2. For a few courses, we hardly have any takers where the pool of students has drastically decreased, and drop-outs in some disciplines.
3. With the UGC 2016 regulations for M.Phil and Ph.D admissions finding eligible students across disciplines/categories for the interview proved a difficult task.
4. With many new central universities started in different parts of the country, with the same standard and specialised courses being offered as UoH, students have preferred to study in a place closer to their native place – this has affected our intake.
5. UoH believes that balanced and equitable growth should always be steady and not exponential and our focus is on *right to quality education for all*. Hence it is important to note that simply adding numbers often generates a compromise on quality. Under the IoE, the challenge is to improve quality in teaching and research programmes which can be achieved only by careful *increase in student enrolment in select areas where the University has proved itself, and in such fields were there has been no dearth of good candidates*.
8. With the sweeping changes that may occur over the next five (definitely in ten) years in teaching, with e-learning becoming the order of the day, regular face-to-face learning may become redundant.
9. UoH has not yet stabilised fully with the two major changes that have happened in the last ten years: the implementation of OBC reservations that increased access to higher education in general and in particular to the OBC students, and the CBCS that we have adopted and implemented from 2017, especially with innovations like foundation courses to a large number of students.
10. If we successfully implement the hiring of IoE and Research Professors on contract (see **Faculty Recruitment Policy IV (b) above**) plan we will be able to add a significant number of **Ph.D** students at the end of the first five years, making a total increase of around **300**.
11. We will of course try to increase the numbers in the existing programmes wherever possible, for the courses that are in great demand. That number could be another 300 over five years. The Education Department will automatically add 120 students with an intake of 60 for M.Ed. and over 10 faculty, we can expect to add at least 30 Ph.D. seats. The interdisciplinary masters courses from a few schools should be able to add an additional 250 over five-year term. That brings the increased enrolment figures close to **1000**.

12. We expect there will be a demand for new programmes and courses, but it is still speculative as to numbers.

A major emphasis will be laid on E-learning and OERs – UoH is the first University in the country to have a full-fledged MOOCs/OER policy.

13. Admissions into the programmes launched under the IoE will have differential fee structures and cut-off marks in the qualifying exams/interviews.

Summary/Schematic of Student Admissions/Enrolment



Explanation

A. Objectives of the Admissions Policy

The broad objectives of the UoH admissions policy are to:

- Attract students from India and abroad with intellectual curiosity and passion for learning, commitment to individual excellence and social justice, and the ability to do collaborative work in a supportive environment;
- Ensure diversity of student population through state policies of affirmative action
- Provide equal access to all, irrespective of their gender, race, religion, caste, region, language, and socio-economic status, with enabling support mechanisms where required;
- Ensure a fair and transparent admission process;
- Institute mechanisms for academic counselling that channel prospective students into relevant and appropriate avenues that are available in the University structure.

B. Why Apply to UoH

- It is a public university (created through an Act of Parliament and funded by the Central government), noted for its excellence in postgraduate teaching and research.
- It is located in the historic city of Hyderabad, which has a cosmopolitan blend of cultures, as well as growing and vibrant IT and pharma industries.
- It is a multidisciplinary academic environment with high-quality education in the natural and physical sciences, the humanities, social sciences, engineering and medical sciences, business and management, the arts and communication, and several interdisciplinary centres. The education it offers is far more affordable than that from private sector institutions with comparable teaching and research facilities.
- It is ranked among the top universities in the country by NIRF (National Institutional Ranking Framework) and NAAC (National Assessment and Accreditation Council), and aspires to be among

the leading universities globally; several departments are ranked highly by international rating agencies as well;
- It has a healthy Faculty: Student ratio of ~1:14 which is set to improve even further;
- It is located on a sprawling, green campus of about 1800 acres with a rich diversity of flora and fauna, lakes and ancient natural rock formations;
- Its multicultural environment and proximity to various art, culture, and entertainment venues in the high-tech hub of Cyberabad offers immense opportunities for recreational activities;
- It is a wi-fi enabled campus with 24/7 access to the library, laboratories, and studios;
- It is committed to the safety and well-being of students in an atmosphere of mutual respect and conviviality.

C. Admissions Procedure

Admission to University of Hyderabad, one of India's top-ranked universities, is competitive, with only about 1 in 30 applicants making it through a rigorous admissions process involving entrance tests conducted in multiple centres in the country and followed by group discussions and on-campus interviews where relevant. The online process makes application easy and efficient. Each of our programmes, both Masters and Doctoral, may have specific requirements and expectations, but in general, the University admits students:

- With a good academic record as reflected in marks/GPA in the qualifying degree exam;
- Who come through the UoH Entrance Exam conducted nationwide that tests candidates on domain knowledge and functional level of English language competence (where appropriate); it is proposed to make the UoH entrance exam online over the next few years.
- By considering results of other national level exams (where relevant), such as JRF/NET, JEE, KVPY, CAT etc.

D. International Students

At present, UoH has only a modest number of international students at the Master's and doctoral levels. UoH will make a concerted attempt to attract international students from the rest of South Asia (SAARC region) and, more broadly, from the Global South, with special focus on Anglophone countries in Africa, such as Zimbabwe, Uganda, Zambia, Botswana. Namibia, Kenya, Sierra Leone, Liberia, South Africa, and Nigeria. Students from outside India will be admitted on the basis of the following:

- TOEFL/GRE/GMAT/SAT/ scores with appropriate cut-off to be determined from time to time;
- UoH online test (if it can be organized through the respective Indian consulates/embassies)
- Transcripts
- Recommendation letters
- Statement of Purpose/Research Proposal in case of research degrees (this could be at different levels: identifying the broad subject area, a topical theme within that and/or formulating some specific research problem)

International students, mostly North American and European, currently apply to the University's pioneering Study in India Program (SIP), set up nearly 20 years ago. These are typically students coming through their respective Study Abroad programmes for semester-length academic programmes in keeping with the specific agreements with their institutions or with international academic consortia. The University proposes to strengthen this program and gradually increase the number of students by creatively packaging our core curricular strengths, especially in the humanities, social sciences, economics and management, performing/fine arts, and communication/media. We also aim to project the uniqueness of Hyderabad and the Deccan, culturally, politically, and socially, to attract such students.

UoH will have more pro-active international student recruiting strategies and policies in place to ensure that the projected increase in student numbers can be actualized.

E. Digital Learning (via the E-Learning Centre)

Introduction

The University recently adopted an **Online Education Policy (OEP)** for diversifying teaching and learning activities and disseminating knowledge through the use of new technologies to enhance student learning outcomes. This will enable us to effectively improve access, enhance quality and potentially lower the cost of institutional resources.

The University of Hyderabad is the first in the country to adopt an Online Education Policy (OEP).

Under the OEP, the University has established an **e-Learning Centre (ELC): its** vision is to use enhanced Information and Communication Technology (ICT) in teaching and learning in order to have open access for massive outreach, to provide high quality teaching, and effective learning. However, so as to diversify the activities of the Centre, it is proposed to rename the e-Learning Centre as Centre for Digital Learning Studies and Resources (CDLSR).

According to the above vision of the Centre, the teachers of the University will be encouraged to develop online courses alongside graduate and Master's programmes (if any) in blended learning mode as part of the recently introduced Choice-Based Credit System (CBCS). Specialized courses (electives) for PG students can also be offered online. Besides this, the faculty members will be offered the facilities to encourage their development of courses for SWAYAM.

The University's HRDC will also be able to offer online courses. A preliminary market survey may be conducted to see what kind of courses can be developed, particularly for college teachers.

Three types of courses may be developed and offered by the University:

1. Online courses for the University students.
2. Courses that will be developed and offered through Centre for Distance Education and Virtual Learning (CDVL).
3. Courses that will be developed and offered under SWAYAM and other programmes.

Under OEP, the ELC is also mandated with conducting capacity building (training) programmes for the faculty and the students of the University, besides entering into national and International collaborations, and organizing conferences/workshops to fulfill the above objectives.

The Centre has plans in future to develop courses for Educational Areas such as European Educational Area, ASEAN Educational Area, Africa Educational Area, Latin American Educational Area etc. It is negotiating with International Council for Open and Distance Education (ICDE) Oslo, Norway to place OERs developed in the Centre in the International Repository. It has also plans to collaborate with edX and Coursera to share best practices in the area of digital learning. As a part of above mentioned COL-CEMCA project on mobile apps for e-Learning will be developed. The Centre is going to make available some of the courses in Indian languages.

Objectives

- To design and administer relevant academic programmes.
- To carry out research in emerging areas related to digital learning.
- To offer regular courses of the university online.
- To design skill-based and entrepreneurship-oriented online courses.
- To offer customized online courses for Study in India Programme (SIP) students.
- To make available online, the courses of UGC- HRDC.
- To promote National and International Collaboration for developing online courses.
- To make use of funding opportunities provided by different public and private institutions for

developing and implementing online courses.

- To develop capacities of teachers to design online courses.

First Five Years

ACADEMICS

- Online PG Diploma in Digital Learning.
- Online Certificate courses in a) OERs b) Copyright & Licensing c) Assessment, Evaluation & Certification
- Introducing Mobile Learning
- Offering online courses in Education cluster areas such as ASEAN, BRICS, etc.
- Designing & developing online courses in collaboration with National & International partners.
- Participate in collaborative research projects.
- Capacity building of teachers.
- Creating awareness among students.
- Organizing seminars and workshops on Digital Learning.
- Encourage faculty to develop MOOCs for SWAYAM.

RESOURCE DEVELOPMENT

- Making Foundation courses under the CBCS online
- Making elective courses online

Second Five Years

ACADEMICS

- Revising & Strengthening existing online programmes and research
- PG programme in Digital Learning
- Adopt Artificial Intelligence, Neuro-technologies, Cognitive technologies and Robotics
- Expanding online courses in partnership with educational clusters (national & international)
- Promoting Mobile Learning
- Ph.D programme in association with Department of Education & Education Technology
- Capacity building of teachers
- Creating awareness among students
- Organizing seminars and workshops on Digital Learning
- Encourage faculty to develop MOOCs for SWAYAM
- Conduct and encourage research in Gamification, Social Learning, Networked Learning.

RESOURCE DEVELOPMENT

- Converting existing PG programmes into online programmes
- Online Skill-based Entrepreneurial courses in collaboration with national & international institutions
- Make additional Elective courses online
- Create need-based additional courses for SWAYAM

Third Five Years

- Adapt to changing technologies & online pedagogical practices
- Continue capacity building of teachers
- Capacity building for universities in the vicinity
- Design & develop new online courses in emerging areas
- Continue research, projects and international collaborations
- Adopt virtual and augmented realities
- Add research on Artificial Intelligence, Robotics.

ACADEMICS

Ph. D. in Digital Humanities (Regular)

The Digital Humanities Lab: Under the e-Learning Centre we hope to set up a Digital Humanities Lab. In order to make it interdisciplinary, we propose to draw upon resources from CMSD, School of Computer and Information Sciences, Neural and Cognitive Sciences and Sarojini Naidu School of Arts and Communication.

ACTION PLAN

First Five Years

- Archiving
- Coding
- Immersive Textualities
- Study and Analysis of World literatures, Digital pedagogies across Indian languages are some of the aspects the program will explore.

Second Five Year Plan

- Digital art history
- Digital archaeology
- Digital cultural visualization
- Experimental and emergent media arts (New Media Art) may also form components of the program, depending on Faculty interests.

Third Five Year Plan

Creating a hub of digital knowledge and is likely to diversify into digital history, post-cinema, digital publishing, designing immersive environments

F. Centre for Distance Learning (CDVL)

The centre for distance education was carved out to reflect the University's desire to reach out to various sections to enhance their basic and applied skills. It did not and does not have a layer of faculty resources but rather builds on existing internal faculty resources who coordinate and teach the courses including drawing from the industry and civil society on a need basis. Within the IoE framework and mainly to engage with sections that need value addition to their understanding and careers these programmes are visualised and reflect the core resources' potential of the University. Distance education is an outreach rather than revenue maximising mechanism.

Numerous programmes have been proposed by Schools and Departments under CDVL (**see Teaching Plan above at Appendix 1.A**)

G. *University Plans*

Short-term Courses/Extended Studentship

The University will offer **short-term courses** -- one year PG-Diploma courses and 3-6 month long certificate courses -- in specialized areas that use the existing resources and infrastructure of the University. This helps the University to reach out to a large number of potential students who are employed, but are keen on either improving their credentials or would like to study specific subjects out of intellectual curiosity.

If over a period of time, a person acquires a required number of credits (upon completion of the relevant modules) for a degree in a particular discipline, he/she would become eligible for award of the degree in that discipline. This is a kind of flexible, **extended studentship** that could break out of our current fixed-period programmes and create a more progressive admissions policy.

Projected Intake (for next 15 years)

The broad admissions plan for the next 15 years is to add about 750-1000 students every five years to the current student population. The *cut-off for admissions into IoE programmes will be higher*. The number of international students would proportionately increase to about 10% of the total number of Indian students at the end of 15 years.

The faculty strength has to be enhanced at an appropriate rate to achieve approximately a 1:10 teacher-student ratio in the first 5 years, and maintained at that level thereafter. The infrastructure targeting the final student strength of about **8000** should be in place by the end of 15 years or even earlier. The projection is summarized below:

	Current	**End of 5 years**	**End of 10 years**	**End of 15 years**
Student strength	~ 5000	~ 6600	~ 7600	~ 8000
Faculty strength	~ 400	~ 600*	~ 760	~ 800
Faculty: Student Ratio	1: 14	1:11	1:11	1: 11
International student strength	31	~300	~600	~900

H. Programmes/Courses

i. Restructuring of Masters and Ph.D Programmes

Our existing programmes and the new ones being proposed will emphasize: problem-solving, critical thinking, and promoting global citizenship. Each programme will package their course(s) into a handful of domain clusters, ensuring that all students get a balance of theory and practice courses (where applicable), while permitting some flexibility to students to assemble courses according to their interests and future plans.

The different academic units will offer new programmes like **Integrated MS/MA by Research + PhD** or **M. Phil + Ph. D**, with exit options leading to a terminal degree. There will be a rigorous review of the student's performance at the end of the first degree on the basis of which the student will be permitted to complete the full course.

Where appropriate and practical, the semester-length teaching will be organized into shorter components facilitating **modular teaching**, where each module could be taught by a faculty member from across the university with the relevant expertise on that topic.
All Masters programmes will promote **project-based learning** by insisting that students across disciplines work on a project of suitable length (as prescribed by the relevant academic unit) chosen from the basket of common themes to be decided at the University level every year. The University will develop innovative ways of delivering lectures and other inputs on that theme to all students, via online video or other asynchronous modes of access. Students work on the project from the perspective(s) of their own respective disciplines and submit it as part of the Master's programme in their discipline. The University will establish the infrastructure required for blended learning (online + offline), making teaching more interactive, while ensuring an appropriate student-centric pace of learning.

ii. M.A. India Studies Program for Foreign Students

The **Study in India** programme and **Office of International Affairs** are two existing mechanisms at UoH that have helped to register students from several countries including senior and middle level faculty and administrators on short term courses specially designed for them and facilitating the students to pursue courses and earn credits for their programmes in the host institutions. A separate track for enrolling into our regular MA/MSc courses exists through nominations from bodies such as ICCR and open admission within the framework of determining their eligibility by the respective departments and schools.
The **location** of the University of Hyderabad in the heart of India makes it an ideal place to galvanize intellectual resources from all over the country and make it the most accessible centre for the study of India – north, south, east and west. The UoH in the last three decades has already proven its ability **to attract the best student**s for its Masters and Research programmes **from across the country**. It has also been **the chosen destination for the Study in India Program that attracts students from Europe and North America**.

With this background the UoH has a community of teachers, many of whom are trained abroad and who, while specializing in particular areas of research in their own disciplines, have successfully trained Indian and Foreign students on multi-disciplinary themes with special emphasis on training in the languages and practices of each discipline.

Aim
The aim of the new **MA** program in **India Studies** is to (1) provide a teaching platform for putting into practice inter-disciplinary studies that currently each of the disciplines in the Humanities, Social Sciences and the Arts research in (2) to focus teaching on themes that highlight these newly emerging research areas with special reference to South India and their theoretical implications and (3) to orient the teaching of these themes within an interactive mode by paying equal emphasis on the practice components of these topics by introducing courses in various skills.

It is now proposed to build on our experience and offer **a graduate studies programme leading to Masters and Ph. D programmes in the broad framework of India Studies (80-120 credits)** This recognises India's growth in stature as a neo economic power and its role and recognition in formations such as the BRICS and QUAD. The buoyancy India has gained will be packaged into a comprehensive programme that builds on our strengths in social sciences, humanities, media and performing/fine arts. With a core component of courses that deal with governance, societal, economic and political structures, it will have a basic requirement of understanding India in the international sphere - geopolitically and economically. The elective basket of courses will come from introductory and analytical courses in philosophy, science and society, arts and aesthetics, Indian media, etc. Audit opportunities for understanding and appreciating music, dance and fine arts will be factored in. At the advanced level and with prior consent and arrangements, directed studies with our faculty (based on choice) in lieu of choosing from the basket of courses will be provided. During the course of study, academic workshops and colloquia will be organized by area studies experts drawn from an international pool of faculty hired as faculty in residence or for short durations as required.
While this programme is residential in nature, the university is evolving virtual platforms that facilitate partial online study and completion of programmes.

I. Semester/Course Registration/Course Management Process
The **online** semester registration and course management system that is currently being set up in the University will be strengthened by making it an effective online system that can be accessed globally. It would facilitate course registration, fee payment, access to course modules, class timetables, examination schedules, student feedback, and results.

J. Classroom infrastructure
There should be a harmonious co-existence of the traditional chalk-and-board system with information technology based infrastructure that would supplement the classroom lecture experience. High speed internet connectivity through appropriate Wi-Fi or other emergent technologies should be put in place so

that classes can be conducted with remotely (globally) placed teachers, students or discussion groups and online resources.

K. Student Fees

UoH envisages a dual-track fee structure under the IoE:

- it *retains* the public University fee structure for the under- and less-privileged sectors of students,
- the second track will be an IoE fee structure, higher than existing fee-structures.

The logical approach would be to fix a fee structure that would meet an appropriate fraction (x) of the real monetary cost of the course being conducted and education being imparted; the value of x will be determined after very careful appraisal of the impact/benefit of the degree being awarded (employment potential, marketability, and global realities). The value of x, would necessarily be a dynamic one. In the 5-10-15 year scheme being envisaged, the value of x is likely to show a gradual growth to ensure sustainability. A projection is given in the table below.

	Current	End of 5 years	End of 10 years	End of 15 years
% of the monetary cost of the course to be levied as Fee	NA	5	10	20

L. Student Life

i. Environment & Infrastructure

UoH will ensure a safe, clean and healthy campus environment that enables a seamless integration of the academic and residential lives of students. Student hostels will be of international standards, with non-negotiables that include: comfortable rooms, study and recreational spaces, 24/7 electricity and safe drinking water, healthy and nutritious food cooked in hygienic conditions, high levels of sanitation and hygiene, internet connectivity, and security for all students, especially women.

In keeping with our student demographics, hostel clusters will be established with different kinds of cuisine: vegetarian, North Indian, East and Northeast Indian, South Indian, international foods etc. Food cards that allow students to eat across hostels will be set up in sustainable and profitable ways.

The university will establish 24 hour dependable and regular transportation throughout the campus to facilitate research and study in libraries, studios and laboratories. Shared auto-services and other modes of transport will be explored under public-private programmes to ensure reliability and sustainability.

ii. Student Housing

While a good residential environment contributes positively to the students' academic performance, the routine hostel management services and administration must be separated from the academic administration. A **Student Housing Office** to be managed professionally will be established in place of the current system of wardens, which has unnecessary negative and punitive connotations. That office will report and be accountable to the Dean, Students' Welfare.

The Dean will appoint research scholars as **Resident Coordinators/Advisers** at each hostel who would be oriented to mentorship, community-building, conflict mediation, and crisis management. This coordinator/adviser would act as a confidante-cum-counsellor-cum-facilitator for the students and be the first point of contact for students for most of their residential needs.

iii. Learning Support and Counselling Centre

The University will set up an advanced Learning Support and Counselling Centre, which will address issues concerning the academic and emotional well-being of our students. Such a center will have

a) An adequate number of trained therapists and counsellors dedicated to ensuring the psychological well-being of students and to support their adjustment to the new environment away from home. They will offer not only individual counselling sessions, but also conduct group workshops, awareness sessions, and roundtable discussions.
b) Provide support for learning related issues faced by students through not only remedial English classes (as currently being done), but also subject-related tutoring by student-tutors.

iv. Placements

As reflected in the University's national standing and recognition, our graduates are well-placed in government, corporate, and civil society sectors. The University facilitates interaction between prospective employers and students through the services of a Placement Guidance and Advisory Bureau, which conducts job fairs and coordinates on-campus interviews. The University will strengthen the activities of this Bureau by having career counselling talks, sector-wide workshops, and guest lectures by alumni. Some of the departments in the University also have a mandatory Summer Internship requirement that provides students the opportunity to learn from and gain experience in real-life employment settings. The University will explore the possibility of the internship requirement being introduced in all departments where it is relevant and feasible.

A holistic consideration of all the above factors will determine the decisions of prospective students (and their parents) who apply to join the University of Hyderabad. The University's commitment to these factors and the actualization of these proposals will ensure that the institution will grow into global eminence.

e. ***Plan to provide scholarship to meritorious Indian and foreign students.***

In keeping with the spirit of a public university, University of Hyderabad will ensure that no good student who meets our academic expectations is turned away for lack of adequate financial resources. UoH will retain its commitment to students who have overcome social and educational obstacles and life circumstances and continue to contribute to the intellectual diversity of the campus (see above for the dual-track fee structure proposed above). The University will continue to encourage students to access all fellowships offered by state and central governments. In addition, private/corporate philanthropies and alumni will be tapped for raising funds for student financial aid, including merit-cum-means scholarships. We will also work with banks to facilitate loans for needy students. In general, financial aid packages can be multiple and overlapping, depending upon the need and merit of the student. The university will explore research/teaching assistantships, tuition fellowships, earn-while-you-learn schemes, and hostel fee waivers. G.B. Singh Students' Aid Fund was set up by University in 2016 towards this.

However, in order to address the critical issue of sustainability of the proposed vision plan after the 15year period ends, and the Government funding stops, the University will have to evolve mechanisms for generation of funds from internal resources as well. In addition to internal revenues from such sources as consultancy services, patent and copyrights etc, a periodic review and revision of student fees will have to be integral to the revenue generation plans. As a public university with a mandate to provide access to higher education to all segments of the population irrespective of their ability to pay, we must continue to subsidize the cost of that service.

h. ***Networking plan outlining the teaching and research collaborations and partnerships***

See under Teaching and Research Plan above

i. ***Infrastructure development plan. (Existing and Proposed infrastructure with financial repercussion and time line for development)***

For existing infrastructure plan see Appendix - 05

Development of Infrastructure

The University seeks an expansion and consolidation of its existing infrastructure, partly with an eye to meeting increasing enrolment and Faculty infusion, but also to create revenue-generating facilities.

SUMMARY

In the pages that follow there is a description of our aspirations to develop the infrastructure of the campus that will be commensurate with our goal to be a leader in Universities, worldwide. The ideas regarding infrastructural development are divided into eight major sections, namely, Student Learning facilities; Research facilities; Residences for students, faculty, and visitors; Office spaces; Common facilities; Spaces for Recreation, Human resources development centre (HRDC), and Renovation of buildings. Together, the nature of infrastructure development addresses our intent and practice to build the campus sustainably. Furthermore, through architectural and infrastructural development the University marks an intensification into student-centric teaching and research activities. For example, lecture hall complex- large classroom space- maybe designed in hexagonal shape so that interactions between teacher and students and among students may be facilitated.

The proposed infrastructural plan will allow the University to be self-sufficient, and yet offer the campus community diverse avenues to study, play, interact, relax in a pollution-free environment. The University proposes to add built up space by constructing an Interdisciplinary Centre for Science and Interdisciplinary Centre for the Human Sciences, a total of 26,000 Square meters with a common instrument facility. Additionally, the University will construct office space to house administrative personnel as well as the examination branch of the University. A Convention Centre on the campus is proposed so that conferences and meetings that bring large number of delegates can be organized, and the University can host convocation on campus. An increased role for HRDC is anticipated and accordingly self-sufficient infrastructure, a total of 3000 sq.mt. will be constructed.

The proposed infrastructure includes accommodation for all. This includes 800-person capacity hostels for men and women, **100** apartments for married postdoctoral fellows, **50** single-bedroom with kitchenette housing for visiting international faculty, a 200-bedded hostel for international students, and **80 houses** to accommodate faculty. In addition, the University proposes to construct a 100-bedded guest house for visitors to the campus. Facilities to support recreation and eateries will be provided in north and south campuses. Roughly 750 persons can use each of the multi-purpose facility. Student amenities centres will be complemented with modestly equipped essential services, such as medical block, and will have spaces for recreation.

Being in line with 'Go Green' initiative of Government of India, University of Hyderabad (UoH) successfully executed the project of generating 1 Mega Watt of roof top Solar Energy for its power requirement. This amounts to only one fifth of the total requirement of energy consumed by UoH. In order to generate more solar power and to reduce recurring expenditure UoH proposes to generate 6 Mega Watt solar park on its campus with an estimated cost of 36 Crores under **PPP** mode. Likewise, the University plans to transit in to use of mass transportation system that generates minimal carbon footprint. Further, the University proposes to renovate existing buildings, expand facilities at the main gate, especially to transit from private to mass transportation. Similarly, the entire perimeter of the campus will be strengthened to protect the University's rich biological diversity and heritage, and for the security of all.

PREAMBLE

Through this infrastructural plan, the University aspires to provide in the next 10 years world class teaching and research facilities to students and faculty, and an ambience for staff in an integrated sustainable campus. The University envisages a five-fold increase in student enrollment within the next fifteen years. Similarly, an increase in the numbers of faculty is also planned, from present strength of **400** to **700.** Our infrastructural challenges stem partly from wanting to actualize this aspiration for growth as a sustainable community and University. Some of the infrastructural challenges therefore include:

- Augmenting research and teaching facilities to meet growing requirements;
- Providing campus amenities to rapidly growing numbers of students, faculty, and staff;
- Protecting land cover and minimizing land use to uphold the principle of diversity;
- Provide choices for transportation and mobility (to move between North and South campuses, but also integrate access to public transportation, outside of the campus, to airport, railway and bus stations, Metrorail, monorail, and such); &
- Bolster practices to collect and recycle organic and inorganic wastes, and further strengthen safe disposal of hazardous waste.

OVERVIEW

The document is divided into three segments covering the following sections: Student Learning facilities; Research facilities; Residences for students, faculty, and visitors; Office spaces; Common facilities; Spaces for Recreation, Human resource development centre (HRDC), and Renovation of buildings.

1. Infrastructure under Public Private Partnership (PPP) mode.
2. Infrastructure under Institute of Excellence
3. Infrastructure under expansion and renovation category

PRINCIPLES AND APPROACH TO INFRASTRUCTURE

The principles that will guide development of infrastructure and buildings of the campus will reflect our ethos and values, including, openness and blending with our surroundings, inviting or welcoming to all, reflect local architecture, protect our architectural and cultural heritage, promote native or local species, and reduce our carbon foot print. The architecture and spatial layout of buildings will reflect societal interactions and social relations, both within buildings and outside of them. Our campus will be friendly to people of all abilities, keep the vibrancy of campus, and promote additional spaces of social interactions.

Presently, the University campus is among the few places / areas in Hyderabad where a modest green cover exists. We not only wish to preserve nature, but add to the existing greenery in the years ahead. Our endeavor is inspired by architectural design based on biophilia – a love for living systems. Our vision will be steered by one question – is the University campus better after implementing infrastructural plan? We believe the answer to this question should be affirmative; because we contribute to improving the city's ecological environment, which is not only in the best interests of the University community, but demonstrates our commitment as responsible citizens of Hyderabad city.

GOALS OF INFRASTRUCTURE DEVELOPMENT

Therefore our aspirations will reflect in achieving the following goals.

1) carbon neutral[i] campus in 10 years with the cooperation of the campus community by employing ideas, technology, and materials.
2) be a foremost site to learn about species diversity and heritage landscape given that the campus is already rich in biological diversity, and can readily be a classroom for teaching science and advance notions of heritage, say, by protecting the relationship between infrastructure and Wildlife, infrastructure and Rocks, and so on.

3) bring nature to buildings, including classrooms, because there is evidence to show that green campus, greenery indoors calms and soothes students, and assists in improving memory, enhances performance of students in the class, better participation by students, lessening of stress levels and such
4) be off the grid for water and energy consumption in about 12 years because these are precious resources and fresh availability of these resources going forward may result in a financial burden
5) provide spaces to study, for group discussions, to congregate, recognizing that learning happens in groups as well, and complement them with spaces of leisure
6) pedestrian friendly campus so that our carbon foot print is minimal and thereby promote a healthy lifestyle, which puts young adults on a healthy pathway/direction
7) comply with standards and codes of green buildings and upgrade as revisions are undertaken

Our approach to developing infrastructure will be to prioritize common facilities and amenities, and then move to other specific infrastructure in different phases. More broadly, the above noted goals will be targeted sector wise, by identifying specific needs and specified timelines.

1. Infrastructure under Public Private Partnership (PPP) mode (Appendix-02.A to 02.F)

In order for the UoH to capitalize on the available land in the main and city campuses, the infrastructure plan envisages developing the city campus as a public space to increase the visibility and also to contribute to the social cause and the main campus to generate revenue under PPP mode to meet a part of the recurring expenditure PPPs as a way of introducing private sector technology and innovation in providing better public services through improved operational efficiency has been proven worldwide. They provide better infrastructure solutions than an initiative that is wholly public. The result is faster project completions and reduced delays on infrastructure projects. The operational and project execution risks are transferred from the government to the private participant, which usually has more experience in cost containment. High quality standards are better obtained and maintained throughout the life cycle of the project. Profits of the projects can vary depending on the assumed risk, competitive level, complexity, and the volume of the project being performed. The PPP model stems from the need to build and maintain world-class infrastructure, enjoy the benefits of locational advantage of the campus, and more importantly to generate revenue to uncompromisingly sustain the ongoing and proposed academic and research activities in the University.

Following a conservative approach the UoH proposes to use 5% of its land under PPP mode and also as a precaution an effort will be made to obtain a constant revenue by way of levying 1% of the market value of the land assigned to the private sector as monthly rent and a variable percentage of profit generated from the PPP mode as an annual return, which will help the University in maintaining the infrastructure in the long run. Keeping in view this objective the University proposes to develop the following infrastructure:

1. Convention Cluster comprising of
    a. 2000 seater Auditorium
    b. 500 seater Auditorium
    c. 300 seater Auditorium
    d. 150 Seater Auditorium
    e. International Standard Guest house of 200 Rooms
2. 400 students well-furnished Hostel for men
3. 400 Students well-furnished Hostel for women
4. 100 Bed Hospital
5. 6 Mega Watt Solar Park
6. International students Hostel

<u>Convention Cluster</u>

The faculty and students of the University undertake high quality and high impact research, which is evident in number of research publications, as well as acceptance of peer groups worldwide. The

University is poised to build on this achievement to grow in scale of such high value work, but also is determined to breach the threshold of excellence across disciplines and subjects. The University therefore anticipates increased collaboration of both individuals as well as the institutions. Further, our work will result in organizing greater numbers of conferences, workshops, deliberative meetings, discussions among peers, congresses of the professional societies, associations and other bodies to be held at the University. Hyderabad connectivity to rest of the world is an added asset that boosts our optimism that such events will occur frequently and in greater numbers. To match this aspiration, we anticipate a need for a Convention Centre with a cluster of varied size seating capacity. Currently the University holds its Convocation ceremonies at a hired venue. But a room with seating capacity of 2000 persons will allow the University to hold convocation on campus, but also use for organizing various conventions. Not all conventions will require such large gathering spaces. Therefore, the University will build three additional convention places with seating capacity of 500 persons, 300 persons and 150 persons. The design of the Convention Centre will be such that all the three rooms of these capacities will be available at one location, yet be independent of each other.

A hotel with 200 rooms will be integral to the Convention Centre along with ample parking space.

Hostel for International Students

The University currently offers a robust 'Study in India' program to students from various Universities across the globe. Over the years, hundreds of students have visited and studied at the University campus. The University plans to strengthen this program further and many more students are expected to enroll in our courses and program. A separate Masters program is also envisaged in the expansion plans of the Study in India program activity. Further, it is also evident from the large number of MOUs signed by the University that there will be an increased number of programmatic inquiries from Universities worldwide. In this connection the University proposes to construct a 200-bed hostel for the exclusive stay of international students. The construction of the hostel will proceed in two phases. In the first phase, 100-bedded stay will be constructed with all amenities, which will be expanded by adding another 100-bedded stay for students.

Hostels for students- Men and Women

The University plans to provide accommodation to full time enrolled students. Separate hostels for men and women will be constructed to decongest extant hostel facilities by shifting students from old decrepit hostel buildings that are in dire need of repair. Besides meeting needs of existing students, accommodation need of students freshly enrolled will also be met. To this end, the University will add approximately 800 persons (400+400) capacity housing. The hostels will be constructed on both the south and north campus within the next 5 years to meet the increased and continued demand for housing students.

Hospital

The UoH considers setting up a full-fledged Hospital to deliver specialized clinical services that map on to the academic interest and clinical expertise. Hospitals on the campus can do more for patients and provide leadership in health care. When necessary, they are able to take a leadership role in a local health economy because of having greater capacity, skills and knowledge in particular areas. Being on the campus, the School of Medical Sciences can have a symbiotic relation with the hospital in enlarging their scope of research.

Solar Power

The UoH proposes to have a 6 Mega Watt solar park on the campus to meet the energy requirements

2. Infrastructure under Institute of Excellence (Appendix-03.A to 03.M)

Student Learning Facilities

Lecture Hall Complex

The University presently has three lecture hall complexes wherein class strength of up to two hundred students can be accommodated. However, two developments on campus are centre stage in the near future. First, every academic unit of the University is beginning to teach an introductory or

foundation course, which is open to students from the entire University. And second, enrollments in every program are increasing and simultaneously many more new programs are being introduced. As a result, class sizes have increased dramatically, and there is an urgent need for a lecture hall complex with classrooms that can accommodate class size of up to 300 students. Accordingly, the University proposes to build two lecture hall complexes, one on south campus and one in north campus, with class sizes of up to 300 students. Each lecture hall complex will consist of classrooms along with corresponding infrastructure for meeting / discussion rooms, photocopying facilities, a kiosk for snacks, and so on.

The design of classrooms for teaching large classes will be given special attention. Not only classrooms will be designed to overcome navigating difficult logistics of the room, but the space will be related closely to pedagogy as well.

Spaces for Reading, Joint-Study or Group Discussion

The University is to identify spaces that can double up as reading and / or group discussion rooms. These may not be fresh structures, but rather creative use of existing structures will be explored.

Research Facilities

Interdisciplinary Centre for Sciences and Interdisciplinary Centre for the Human Sciences

The University expects a huge spurt in student and faculty conducting interdisciplinary research and accordingly plans to develop office space to meet this requirement. To facilitate intense interactions and interface, the University proposes to add in the first three years 15600 Sq. Mt. built space. A further addition of 10400 Sq. Mt. of built space will be completed in the following two years. In a nutshell, the University will add a total of 26000 Sq. Mt built up space in a span of five years. This space will be used mainly to promote and develop interdisciplinary perspectives, address challenges by applying interdisciplinary lens, and inculcate habits of collaboration.

Central Instruments Laboratory (CIL)

A state of the art facility of 50,000 square feet in phase 1 and another 50,000 square feet in phase 2 will be added as central instrument facility. This facility will host instruments that will be of use to faculty and students from the entire University but also allow distance learning students. Similarly, industrial users that seek services on payment basis can also avail of the services at the CIL. Instead of replicating costly instruments at every school, the CIL will host and provide access and training on use if the instruments to students and faculty. CIL will also be made accessible for use by high school students and invite students for short-term internships. At the times of Children Science Congress, for example, students from different schools can be inspired by bringing them on a visit to CIL.

Residences

Apartments for Married senior research scholars and Postdoctoral fellows

Over the past few years the number of postdoctoral fellows has increased and the University anticipates further growth in their numbers. The role of postdoctoral fellows is crucial to the sustenance of research activities and in obtaining trained personnel to advance agendas of the schools. In this connection the University proposes to address two crucial issues pertaining to postdoctoral fellows. First, rents are relatively high in the city, especially around the campus, where some of the large multinational companies and their employees have significant presence. And second presence of postdoctoral fellows in close proximity to their work place will motivate and allow them to be productive. Therefore the University proposes to construct furnished single bedroom apartments. The size of the room and amenities provided in the apartment will be similar to the international faculty housing proposed for short- and long-term visitors and collaborators visiting from outside of the campus. A total of one hundred residences in two blocks, one in south campus and the other in north campus, will be constructed.

International Faculty House for short-term and long-term Visitors and Collaborators

With the expansion plans of the University underway, significant portion of this expansion will materialize in cooperation with subject experts worldwide. We plan to bring expertise to the campus and allow ourselves to be enriched by multiple experiences. Several scholars and academics will stay on campus for extended period of time to assist and collaborate with the faculty and students of the University. The University therefore proposes to construct an exclusive 50-bedded international faculty housing for visitors. The visitors will be given furnished accommodation and a kitchenette on payment basis.

Guest House for Visitors

The University's present facilities to accommodate guests of varied durations is modest, and in urgent need of repair and upgradation. Further, there is a growing demand for rooms to accommodate guests visiting the University. The anticipated growth of the University also creates additional demand for rooms to host our guests.

The University therefore proposes to build a 100-bedded guest house in two phases. In the initial phase a 50-bedded guest house will be constructed, which will be expanded to 100 beds in phase 2 of the construction.

Canteens in the guest house will be encouraged to use local produce, and develop a variety of cuisines to satisfy diverse palettes. A range of options by way providing healthy eateries, and these spaces are to double up as places for discussions as well.

Washing machines that use minimal or negligible water and electricity, and free from use of detergents will be installed. Installation of such washing machines will be matched with the demand and requirements of the University community. However, the University will encourage use of abundant sunlight and need to protect environmental resources in encouraging use of washing machines.

Student Amenities Centre

The University proposes to complete two amenities centres, which will be located in south campus and in north campus each. Typically, these amenity centres will be built along the lines of 'recreation' spaces for students and will include: restaurants, facility for indoor games, and space for small group meetings. Each of the amenity centres will cater to approximately 500-750 persons.

Human Resources Development Centre (HRDC)

The growing need of faculty training is acute and the University faculty shares their expertise and learning through their participation in programs organized by HRDC (formerly Academic Staff College). Going forward, both, the number of programs and participants are expected to increase several orders of magnitude. Accordingly, infrastructure to hold all activities of the HRDC on the campus is to be constructed. The HRDC will host the participants, conduct classes and group discussions, invite guest faculty, and provide a computer lab along with arrangements for associated amenities for food and beverages.

New Library Building

As an integral part of the campus, the academic library will be profoundly affected by changes in the academy itself. Changes in higher education, the new student-centered paradigm and new learning and teaching approaches have also created a need for a reconceptualization of the libraries It is widely acknowledged that universities all over the world face an imperative to adapt and adjust to a whole series of profound changes that are in place in Higher Education. On-line education and electronic learning environments are perceived as innovations that offer the potential to promote flexible lifelong learning. E- resources must be easily accessible. And to make them easily accessible requires substantial investment in infrastructure and technology. To fulfil this goal the UoH proposes to construct a new Library with state of the art facilities.

Sports Complex

A new Sports Complex worthy of hosting international sports meets and competitions, but will also serve to enthuse the students of the University to develop and reinforce their own sporting interests will be constructed. It will include a synthetic athletic track, a basket-ball court, cricket and football fields.

3. Infrastructure under Expansion and Renovation category (Appendix-04.A to 04.H)
Office Space for Administration

Most of the administrative staff are housed in a building that was constructed in the late 1970s. The continued upgrading of the buildings to provide modern amenities and spaces for meetings is now difficult and proving to be costly and unviable. To address this situation, the University proposes to construct an Administration building that will keep pace technologically, and also allow meetings with notable visitors, teams of academic and administrative officials, and visits by dignitaries to the campus.

Further, much of the University's academic matters, including examinations and conducted in-house by the office of Controller of Examinations. This office anticipates a growing role and workload in the years ahead as the enrolment numbers are increasing. A separate block that allows the storage of sensitive and confidential matters, records, admissions, preparation of award of degrees, especially at the time of convocations, and secure computing facilities is planned exclusively for this division. This space will perhaps be the first that the students, parents, guardians, and other visitors that are coming to University to admit their wards will encounter. Keeping the aspect that first impressions matter a separate block, which will be in close proximity to other administrative functions will be created on the campus.

Main Gate
First impressions matter. This belief will be carried forward by the University and renovate the main entrance. This renovation will be undertaken to achieve a few goals. First, this gate will befit the status of the University and be welcoming to all. Further, the entrance will help visitors to transit with ease to the unit that they wish to proceed to. Thirdly, the gate will be secured to prevent unwanted visitors to the campus. And lastly, the gate will have ample parking space for all entering the University. Entrance to the University will be a gateway - to strongly discourage use of private or personal two-, three-, and four-wheelers. Instead every person will be encouraged to use 'public' transport to travel within the campus. Additional details are in the transport section.

Close to the main entrance an exclusive visitor's centre will be developed. This centre will include an exhibition hall showcasing history and achievements of the University from its inception, and will also host a small kiosk selling memorabilia of the University.

Warehouse
Besides disposing wastes that are associated with lifestyle and everyday practices of campus community, the University also disposes waste that is generated after "deletion" from the Asset register. Considerable 'junk' is generated on an annual basis. These include: discarded furniture, mattresses, mechanical and electrical equipment of a variety that are in the form of wood, glass, iron and steel, rubber, vehicles, and such. Disposal of this waste is governed by norms and guidelines developed from time to time by government of India, and by auctioning the wastes are disposed. It is proposed to build a covered centralized facility of approximately 1000 sq.mt to house the 'waste' before their disposal through auctioning**.**

Renovation of Buildings and white topping for existing Roads

Many buildings and roads on the campus have been constructed about three to four decades ago. Meanwhile, several building codes and standards have been revised. Recognizing these changes, a comprehensive review of all existing buildings for their structural condition will be undertaken. This exercise will allow us to assess the need for upgrading / modifying/ renovating buildings and be compliant with statutory standards and building codes. Furthermore, this review of infrastructure will be

undertaken to be compliant for people of all abilities, and also identify renovations by way of repair, modifications, and upgradation. Further, this exercise will assist in more accurately estimating our annual maintenance budget.

College of Integrated Studies Building

In the process of the fulfilment of the set objects of the University, a Centre for Integrated Studies (CIS) has been established in the year 2006-07 to offer 5 year Integrated Master's Degree courses in several subjects for imparting specialized education to the young boys and girls on completion of their +2 level of education. Critical reasoning, creativity and adaptability are highly valued skills. When it comes to fostering these skills in the classroom, integrated study is an extremely effective approach, helping students develop multifaceted expertise and grasp the important role that interrelationships play in the real world. Most of the programs offered in integrated studies are in great demand. There is a need to increase the infrastructural facilities to CIS. Hence, UoH proposes to expand the CIS building and also construct dedicated hostel facility exclusively for Integrated students.

Strengthening the Campus Perimeter

The University campus is widespread and rich in biological diversity, besides having an archeological site, with a species rich environment of large numbers of mammals, antelopes, peacocks, birds, wild boars, and such, which at times is a sight to behold for campus residents and visitors alike. The rich biodiversity is preserved and allowed to grow by minimizing human interventions in the habitats. Our aim is to have continued growth in infrastructural facilities but without jeopardizing flora and fauna so that the campus continues to be an opportunity for student learning, research, and aesthetic satisfaction to all.

The University believes that one necessary intervention in this regard will be to reduce or remove incidences of poaching that occur on campus. To this end, the University seeks to increase the height of the perimeter wall by three feet, which will then be further strengthened by another three feet barbed wire fence. This addition of six feet height of the entire perimeter of the campus will be complemented with technological tools for securing the perimeter. These technological tools may be in the form of drones, for example, or install cameras at strategic locations to prevent poaching and/or timely nabbing of potential poachers.

Similarly, the University hopes to develop additional ways of improving greenery on the campus. For example, the University plants and nurtures growth of numerous saplings to increase the green cover. To complement this approach, the University may explore with the city Municipal Corporation an option of cooperation wherein the University provides locations/land for relocating uprooted trees of the city. Relocating, after uprooting heritage trees, full grown trees, is a desirable option, and by providing this space within city limits the University will assist in minimizing cutting of trees.

Heritage

Fencing, access roads and other infrastructure for the protection of heritage, namely, Golden Threshold, Archeological site, 'mushroom' and other rocks, will be created.

Recreation

Spaces for congregation

Most spaces are converted into designated spaces for an activity such as staying, recreation, leisure, and so on. The University however also feels that spaces for congregating, just to chill out, as they say, are also to be developed. These spaces are convenient locations and allow for people to share in small and large numbers.

Spaces for Recreation

The University is creating spaces for recreation for students and faculty and their families. These spaces are multiple and are located throughout the campus. A typical recreational facility will house space for indoor games, space for yoga, space for Zumba, space for music and dance, space for

performing arts, and an auditorium for screening films—all housed in one building, yet the one activity will not interfere with another.

Spaces for Leisure

The University will create spaces for leisure by encouraging interaction with greenery in the landscape, creating auditorium facilities for watching movies, theatre performances, painting and exhibitions.

Establishing Advisory Board

We envisage establishing a 'think tank' / advisory group of professionals and administrators to ensure there is no lag in infrastructure developments of the campus. The tasks of the group will be to scour for latest developments in models and experiences of infrastructure development, and considering relevance of the same to the University campus; to review and update the principles by which we are developing campus infrastructure; and refine the University's notion of sustainable community.

Managing Resources

Water Consumption

The University is implementing a comprehensive system to address issues relating to water consumption, which includes recycling treated water for reuse in horticultural spaces and to flush toilets. The University being located in a semi-arid region of the Deccan is acutely aware of shortages of water that may occur, especially during summer months. Climate change has added to uncertainty surrounding conventional ideas on how to balance availability of water and ability to store water for use during lean times or dry seasons. A modest effort to protect water resources has been implemented at the University over the past decade-and-a-half. These efforts include: developing a network of check dams to store water, harvest rainwater from roof tops and directing flows of water to recharge ground water. Yet there is an acute awareness that rapid growth cannot be accomplished without assured supply of water. To this end, present efforts are to treat water and reuse them, and also replenish water sources such as lakes and subsurface water. The university will strengthen two check dams by undertaking required civil works. This measure will allow to plug leakages from the check dam, store water for lean times, and also allow for recharge of groundwater.

Similarly, use of technologies is to be significantly intensified to minimize usage of water. For example, water faucets are motion sensitive and water is supplied only when demanded. Another significant effort will be to sensitize students and university community on appropriate use of water, the necessity of avoiding wastage in water use, and cooperation of all in eliminating water leakages. The University's ability to find fresh sources of water on a continual basis is limited, especially in the rapidly growing city of Hyderabad. Thus growth and success of the University will in large part also depend on providing its community an assured supply of water. The University has recently rejuvenated lakes in the campus by de-silting lakes them. Funds for this task were provided under the mission Bhagiratha of the state government. The need for a further renewal of lakes through this practice will be reviewed from time-to-time and may be undertaken at a later stage.

Energy Generation and Consumption

Energy needs of the campus will be met by addressing the challenges of production as well as that of consumption. We harness energy from sun, harvest rainwater, use gravity to allow flows of treated brown water when recycling in horticulture and reusing in toilets and thereby minimizing use of energy, use for lighting low energy consuming LED bulbs. These initiatives are a sampling of the measures that the University has embarked to reduce energy use. But first we turn our attention to generation of electricity.

Energy Production

Our increased use of photovoltaic to capture solar energy is a step in allowing us to be self-reliant in energy production and use. The University has already installed 1 MW of solar power on the campus. In order to generate more power from solar and to reduce the recurring expenditure UoH proposes to generate 6 Mega Watt solar park on its campus with an estimated cost of 36 Crores under PPP mode.

Many of the facilities and complexes need round the clock supply of electricity. While solar power generated can be relatively easy, the task of storing solar energy for subsequent use through batteries is having a recurring expense. This recurring expense, say of replacing lithium ion batteries, for example, is high. While we may be unable to avoid use of batteries, we also hope to put in place an alternative strategy to overcome this limitation. Here we propose generating electricity from wind turbines. Wind velocities are favorable, usually during night times, and scaling down of wind turbines and environmental friendly design of turbine blades are such that it is possible to generate power efficiently in a decentralized manner taking advantage of the low wind velocities.

Wind velocities at night times in Hyderabad are conducive to generating electricity. A complete technical feasibility of using wind turbines of low wattage, which is relatively new will be undertaken. One potential vendor for providing wind turbines is based in Hyderabad and the same can be contacted for understanding technical feasibility of this option on the campus. Details of the company can be accessed at http://archimedesgreenenergys.com/about.htm

This investment in combining solar and wind based energy production should assist the University in reducing annual electricity bill and minimize dependence on drawing electricity from the grid.

Energy Consumption

While generating electricity from solar and wind are laudable, our use of energy is however not reducing. We are increasingly relying on energy consuming instruments and laboratories, computers, internet access that is being provided throughout the clock, and air-conditioners are being installed in greater numbers. Therefore, efforts to bring down the per capita electricity consumption remains a formidable challenge.

Multiple steps are being initiated to reduce use of electricity. For instance, the University is incurring considerable expenditure to replace all bulbs with LED bulbs, which consume less electricity, need infrequent replacement as the longevity of the bulbs is high, does not easily break down due to fluctuations in electricity supply, and the light itself is not harsh to human eyes. Going forward, all new lighting installations will use LED bulbs. A further development in this regard is to use motion based sensors, which will assist in need based use of electric bulbs and thereby reduce wastage of electricity use. This technology may assist in bringing down electricity consumption and bill.

Another route that the University is exploring is to identify opportunities to introduce sunlight in to the buildings so that the need for using electricity in the day is reduced. This can be achieved by changing architectural design or modifications to existing buildings. Lighting technology will be monitored to upgrade facilities with low energy consuming technologies. Besides taking the assistance of technology to reduce electricity consumption, we also hope to use economic strategies to curb use of energy use.

Transportation

As the campus is growing on both North and south directions, mobility of people between the two campuses is however by plying personal transportation technologies. Use of cars and two-wheelers on the campus is growing and there are very few strategies to reduce their usage. A shift to use of mass transportation will be a step in the direction of achieving carbon neutral status. Intensification of use of bicycles, low floor-height buses that can transport large number of people, dedicated lanes for

pedestrians and bicyclists, and such are urgently needed on the campus. Use of mass transportation technologies can be encouraged through a policy mix of fines and charges. The option of introducing battery operated bicycles will be explored. For illustration purposes we give web link to at least two providers/vendors—Gayam Motor Works (http://www.gayammotorworks.com/about/) and Mobike (https://mobike.com/global/about). Additionally, we seek to understand feasibility of driverless buses in the campus- and may reach out to the French company Navya and others that have entered this space.

In order to be more ecologically and pedestrian friendly, the entire network of roads on the campus will be reviewed and recarpeted. In particular, we seek to lay a two-feet width green patch alongside of the asphalted road (on both sides) in order to allow settling of dust and absorption of water in these patches. Following this patch, we will have exclusive lanes for bicycles and pedestrians.

Waste Disposal Management

A series of initiatives to better manage wastes generated on the campus include:

1) Disposal of hazardous and nuclear waste through a professional and specialized agency. There are three types of waste that are under this schemata, namely, radioactive waste, biohazards waste, and solid chemical waste. Radioactive material is stored at a site prepared as per AERB guidelines. This site is monitored regularly and strong laboratory infrastructure to ensure safety is maintained. Similarly, ongoing system for disposal of biohazards waste is through an agreement entered by the University with a company named G.J. Multiclave to collect inactivated biological waste and subsequently undertake treatment and incineration of the waste. All solid chemical waste and solvents are collected for their stabilization and landfill. To this end, the University has entered into an agreement with M/s. Ramky Enviro Engineers Limited, who collect solid and solvent chemical waste for its stabilization and landfill. The University has constituted a committee of faculty members to monitor and steer management of hazardous and nuclear wastes on campus whose tenure is for a period of three years.

2) Treatment of entire liquid chemical-waste generated on the campus is through integrated constructed wetlands – a hybrid model of wetlands and phytoremediation and microbial action for waste water treatment. This patented and unique system was developed by Centre for Sustainable ECO Clean Technologies, who have established these systems on the campus, initially at the Schools of Life Sciences and Chemistry. Subsequently, two additional wetlands cluster, one at Science complex and the other close to Social Sciences and Humanities have been established. An integrated waste management technology of this kind is designed to breakdown all brown and liquid wastes along with chemical wastes and reuse the treated water.

   The location of the four wetlands on the campus is such that wastes generated at departments, offices, teaching complexes, canteen, and library will be treated at these clusters. Implementation of this system, in other words is decentralized, and the identification of these four sites on campus itself are such that they are in close proximity to sources generating wastes. Each site has the capacity to treat 50,000 litres of liquid waste, which is to say that the design of these systems is such that there is substantial cushion to meet additional wastes that may be generated due to expansion of activities in future. Implementing this system has afforded the University an opportunity to plug seepages, repair and lay fresh pipelines to carry liquid wastes safely from the various sources to the site of treatment.

   A notable feature of approach to treating wastes is that all holding ponds of wastes are lined and therefor minimize contamination of land and groundwater due to seepages. Similarly, minimal maintenance is required to operate this system and is friendly to the ecological environment. For instance, minimal energy is required to transport the wastes to the site of treatment because the design and placement of the site in relation to the sources of generating wastes is such that with gravity by taking advantage in the difference of elevation flow of liquid waste is ensured. Since microbes and plants are used to breakdown the wastes, no additional energy is required to treat wastes. Likewise, the select plants have roots that spread laterally, and therefore the possibility of water leakage from the lined ponds is negligible. The treated water can be recycled for use, such as

for watering horticultural beds, to flush toilets, and can also be safely let out to water bodies such as lakes and to recharge groundwater.

The treated water is tested regularly and this monitoring mechanism assures that the system continues to perform to standards it is design for and operates at high reliability. The University has entrusted the task of monitoring and assuring operations of the four constructed wetlands are without any glitches to members of the hazardous waste committee.

3) Zero waste - Two machines of sufficient capacities to breakdown primarily food waste in a short period of time have been installed. With the installation of these machines, all organic waste can be converted into compost. The feature of this technology is ease of use, shorter time period to break down waste and generate compost. Shredded leaves and branches also are converted to compost. The composted material can be used as manure throughout the campus. This way waste does not enter water streams, nor is a landfill. Instead, the University harnesses the waste to generate compost for safe reuse.

For waste stream that is in the form of plastic of various grades, glass bottles from labs and elsewhere, paper and such the University has entered in to an agreement with civil society group, an arm of Indian Tobacco Company (ITC), to collect from designated places on the campus the waste. ITC assures that waste is recycled and a modest sum of money is paid to the University, which is in proportion to the waste collected. Training of temporary and permanent employees at various offices, hostels, canteens is undertaken to increase the reliability of the system. The challenge of separating wastes at source are addressed through awareness and campaigns throughout the campus. Separate Bins (with RFID chips) for various streams of waste will be placed throughout the campus to cultivate appropriate segregation and disposal of wastes.

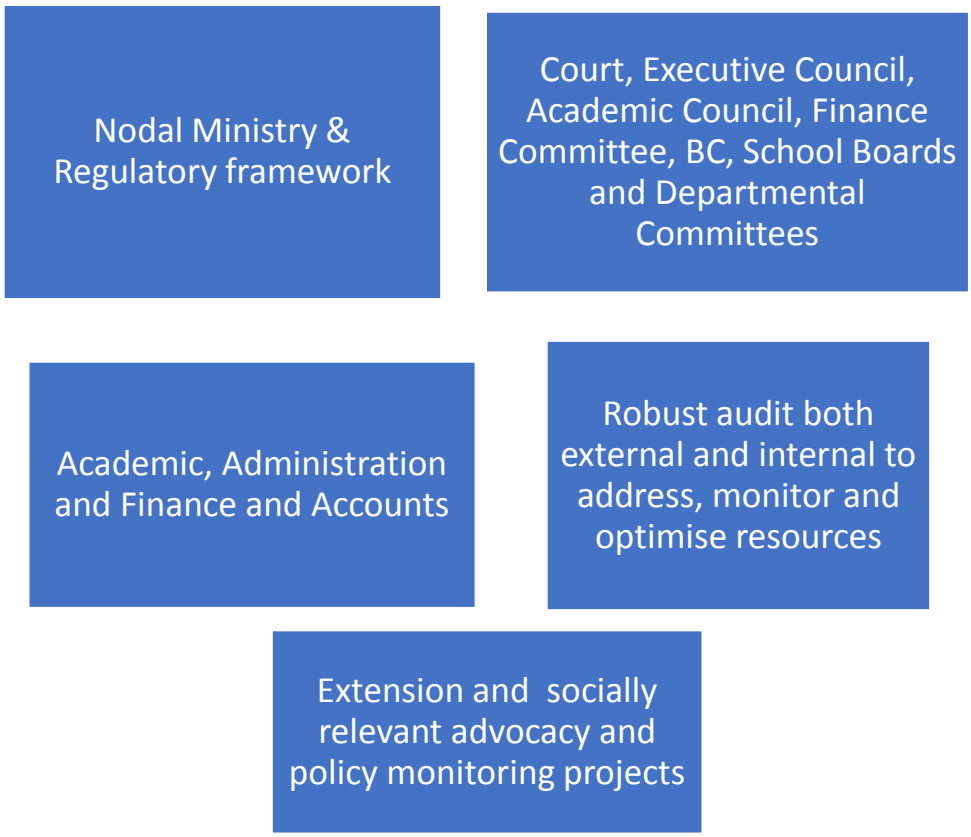
This comprehensive and campus wide waste treatment system is also an opportunity for student learning, formally through classes and informally through project work.
Another major initiative that the University seeks to introduce in the next one year is to install 'nano-sized' personal incinerators for disposal of sanitary pads. This contraption will be placed throughout the campus in every single toilet that will be in use by women. This way we avoid potential choking of sewerage lines and is a relatively safe disposal of sanitary napkins. For illustration purposes one can visit the web link of a potential vendor. http://www.glolifecare.com/assets/pdf/GLCE%20Product%20Catalogue.pdf

4) Electronic-waste is handled by an administrative committee and disposed appropriately through government recognized agencies.

j.

Administrative plan for getting accreditation from National and International Agencies as well as marketing and promotion.

Summary/Schematic



Explanation

The Internal Quality Assurance Cell (IQAC) is an inbuilt institutional mechanism for monitoring and assurance of quality. Headed by a professor it has a support mechanism of faculty drawn from various schools. At the apex level and at least twice a year, the IQAC with two or three experts drawn from other institutions (to be enlarged to have alumni, industry and civil society representatives) meets where a comprehensive review is undertaken and this leads to the preparation of the Annual Quality Assurance Report (AQAR) that will be in the public domain. The IQAC has evolved a mechanism where many of the parameters of several ranking agencies are used for monitoring and review. Aggressive promotion as of now is restricted by its prioritisation of resources that are needed for supporting academic activities. A nascent social media cell is active in reaching out to stakeholders and also to respond to unfair and unsubstantiated posting.

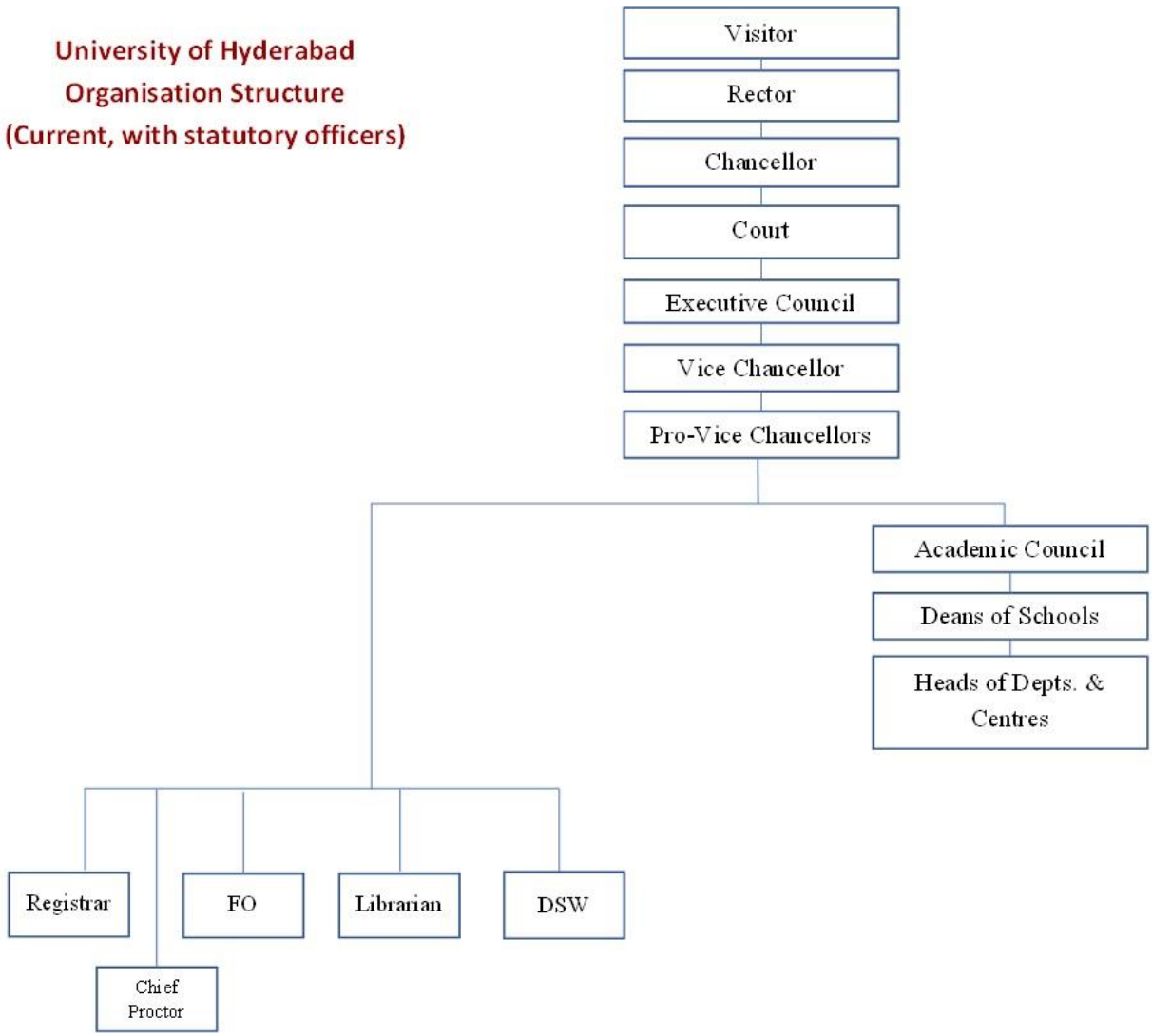
The main objective of IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. It also promotes measures for quality enhancement through internalization of quality culture and institutionalization of best practices.
IQAC at University of Hyderabad standardizes and benchmarks the quality practices to develop Quality Management Systems and measures the quality through robust procedures and makes efforts to improve the performance of the university by conducting internal quality audits periodically with the help of experts. Integrating the quality culture in the university is the main task of IQAC and it will support the university in establishing a good governance system to boost creativity and innovation in various activities of the University. The IQAC is in the process of redoing the PBAS forms for assessment of teacher's work, incorporating differently disciplinary outputs, identifying standard journals in each disciplines, among others.

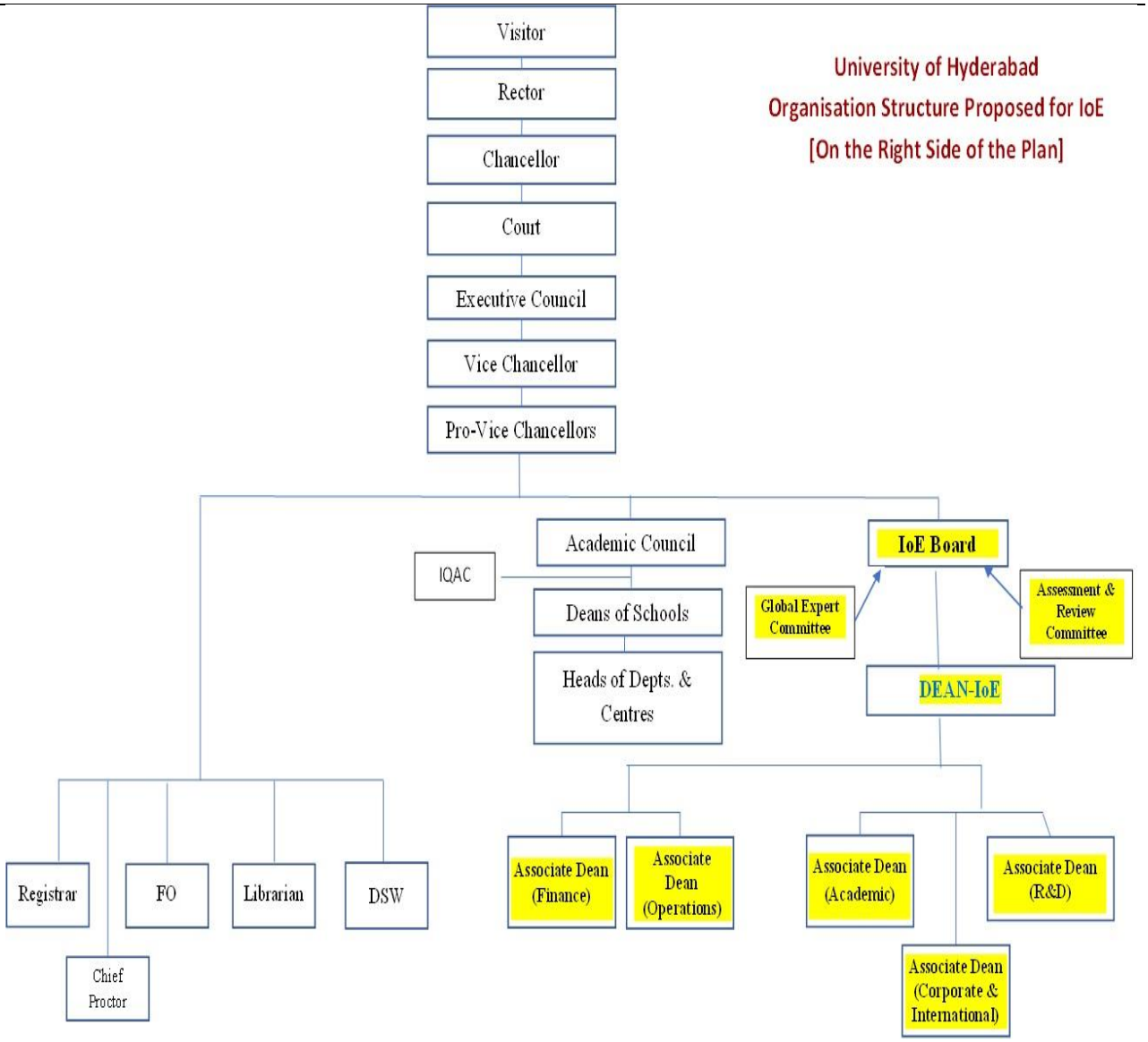
IQAC will conduct sensitization programmes among the stakeholders in creation, preservation, integration, transmission and utilization of knowledge. IQAC will be monitoring the quality of teaching, learning and research activities through an effective E-Governance system. IQAC will make all possible efforts to enhance the customer satisfaction at the university and help the university in enhancing the access to the deserved at affordable cost. IQAC facilitates in increasing Academic freedom, Accountability, Transparency, Professionalism, Social Responsibility, Creativity, Team work etc. through workshops and seminars to improve the credibility of the university in the public sphere. IQAC will make all possible efforts to organically link teaching and research activities with the social issues at the university to enhance global visibility. IQAC will be marching from the current stage of Quality Audit to Quality Assurance to reach the global bench marks to make it as a World Class University.

IQAC ensures that the curriculum at the University enhances the skill set of the learners and makes necessary efforts to ensure the syllabus is updated continuously. IQAC will coordinate with the administration to strengthen the procedures to bring a sense of accountability and responsiveness among the employees of the university.

The IoE Governing Council, under the Governance Plan, will include an **Assessment and Review Panel** with external experts drawn from various disciplines and industry.

k. ***Governance plan elaborating the proposed Institutional structure and how it overlaps with ownership, decision-making process and social engagement.***





I. ***Clarify as to how Governance plan will be committed to the highest global standards of transparency, accountability and efficiency.***

Recognizing the need of good governance, the UoH has evolved several transparent policies that include regular conduct of statutory meetings and make the minutes of the meetings available on the University website. Having implemented good governance, within the given autonomy, we are now looking to the grant or assertion of autonomy through IoE. We wish to constitute a Boards of Governors, by embracing good governance approaches, accept unequivocally their own collective and individual responsibilities not only to gain but maintain, public trust.

We will entrust responsibilities and accountabilities for those who have accepted the responsibility to carry out governance functions. The composition of the governing boards will be given special attention to ensure the involvements of eminent and experienced persons of high caliber and integrity to withstand any unhealthy external interferences.

We would like to reap the benefits of autonomy, in a transparent manner, through the following efforts:

- Integrity in appointments at all levels
- Strong leadership and management skills in all of the places where they are needed
- Processes in place for monitoring the quality of teaching and learning, and within institutions for improving that quality with appropriate student involvement
- Processes in place to deliver improvements in research quality
- Lean and competent administration

- Robust and transparent financial systems, not least on procurement, and strong internal and external audit
- Effective and transparent mechanisms to determine remuneration at all levels
- Strong human resources processes, for example on appraisal, development and dealing with poor performance
- Effective student support arrangements and allow student participation in to the extent required

IoE Governing Board is expected to benefit and contribute to effective partnerships that are crucial to the success of UoH as IoE. Strengthening links with industry and local communities can also support a range of development opportunities for courses, faculty and most importantly the student experience and education and research outcomes. The UoH shall be accountable to the government and the public interest.

IoE Governing Board shall ensure compliance with the statutes, ordinances and provisions regulating the institution, and, subject to these, takes all final decisions on matters of fundamental concern to the University. We will be glad to participate in team to work with Government to evolve a transparent good governance component of IoEs is to be brought as integral part of the acts and statutes that considers autonomy and accountability.

UoH would like to ensure that the individual members, and governing board themselves, should at all times conduct themselves in accordance with standards of behaviour that the public should rightfully expect: *selflessness*, *honesty, integrity*, *objectivity*, *accountability*, *openness and leadership*.

We will have members on IoE Governing Board who would exercise their responsibilities in the interests of the UoH as a whole, rather than as representatives of any constituency, company or organization.

As it happens with current statutory meetings that we conduct on regular basis, the IoE Governing Board will also meet sufficiently regularly in order to discharge its duties effectively, with regular attendance of its members.

IoE governing board would benchmark institutional performance against indicators of performance of other comparable institutions in India or abroad. Further, the UoH proposes to publish the results of effectiveness reviews, as well as of an IoE performance against clearly identified performance indicators, widely on the university website.

The extant mechanisms of transparency for a public funded institution (with regard to purchase, recruitment and response to public within the RTI framework) are sufficient safeguards, accountability with regard to financial discipline is robust with statutory independent Comptroller and Auditor General (CAG) annual auditing that reports to the nodal ministry and the Indian Parliament. Terms of MOA and MOU where and if required are audited as per their requests through independent Chartered accountants. Utilization certificates ensure that the funding is spent in accordance with the proposed and or sanctioned heads.

The alumni representation is now statutorily incorporated into our apex decision making body, the executive council and since then, the contributions are visible with regard to projects, fellowships and immersion stay opportunities. The financial flow is not commensurate with the expectations, but periodic efforts are on to tap such help. This is a weak link in the chain

m. ***Plan for involving the alumni in the management of the Institution and leveraging alumni financial resources.***

UoH alumni are spread across several areas-academia, civil society, bureaucracy, industry and entrepreneurship. The alumni response to our growth, we admit, has *not* been fully tapped and the past few years have seen a firm mechanism for alumni association and networking.

1. As a first step their formal representation in our Executive council (EC) has been addressed. Their

role in seeking and bringing to the Council the views of alumni for development of the University is expected to bear fruit.

2. Apart from their intellectual contribution, their help is sought for strengthening the infrastructure by way of a Convention Centre and Guest House
3. UoH will seek endowments for Scholarship support to the economically weak students.
4. UoH will seek to set up an Eminent Alumni Resource Centre for teaching, training and workshops.

n. ***Intended target on possible world ranking after five, eight, ten, thirteen and fifteen years.***

The national and global opportunities for higher education are not only increasing but also becoming competitive in being able to recruit students from across the country and elsewhere. The student diversity as far as UoH is concerned is representative of the multicultural character of the nation. It also includes a small number of foreign students through the Study in India Program and regular students through the Office of International Affairs.

The sustenance and improvement of our reputation is the key with regard to enhancing the enrolment and profile. Focus will be on creating infrastructure of comparable global standards, particularly with regard to residences, choice with regard to cuisine and easy transfer and validation of credits including where needed modular study facilities.

The defining character of the world and region ranking mechanisms places considerable emphasis on publication and academic credentials that is measurable in a basket of parameters. UoH has seeded this mechanism under the joint aegis of a standing committee and the **IQAC**.

At the national level it has evolved a mechanism for identifying and uploading a list of leading journals in each discipline, via a University-level **Academic Journals Expert Committee**. It has, through this Committee, dropped its weightages for publishing in predatory, spurious and fly-by-night journals. It has evolved an incentive mechanism for appreciating faculty who publish in high impact journals. This will be further streamlined.

The fact that our international faculty profile has to improve is recognised. Restricted by existing rules with regard to foreign faculty as in outside the framework of NRI or OCI, we intend to put in place a separate track.

This track will utilise the permissible limits for hiring such faculty under a contractual tenure linked system with comparable monetary and relocation incentives. This percentage will be based on the sanctioned strength of the university.

p. ***Sustainability plan for the period when the additional public funding ceases.***

Financial Plan in Annexure as per ***Section VII***

q. ***Plan for affiliating any other HEI, if act permits (please refer guidelines 6.4.3(e)(i)***

Not Applicable

V. **Land details**

a.	Land owned/on lease and details thereof	: **1785**(Main Campus) **+ 1.7** (City Campus) Acres
b.	Land Available at Main Campus	: **450** Acres-Potentially Developable Area
c.	Land available at Off campuses/constituent institutions	: Not Applicable
d.	Area of land proposed to be acquired or to be taken on lease if any	: Not applicable
e.	Total	:

VI. Proposed five years implementation plan (for each five year)

a. Mention the detailed and tangible action plan, milestones, and timelines by which it seeks to achieve each of the parameters laid down in Guideline 4.1 & 4.2, mentioning milestones to be achieved in first five years and over 15 years.

b. Timeline to achieve the expectations for each of the parameters as proposed in the fifteen year strategic plan.

*All Action Plans, Milestones, timelines and initiatives for Teaching, Research, Governance, Infrastructure, Finance, Faculty Recruitment, Student Enrolment, in five-year plan packages have been detailed in the appropriate sections for Sections **III** and **IV**.*

VII. Financial plan

a. **i. Existing Revenue Sources (average of last five years) (In Crore):**

*Funds Received from Central Govt	:	**196.9**
*Funds Received from State Govt	:	**00.00**
Fees collected from students (Indian)	:	**05.94**
Fees collected from foreign students (if any)	:	**00.00**
Interest from corpus fund, if any	:	**00.00**
Earnings from consultancy	:	**00.17**
Resource Mobilization by the university International Funding	:	**00.00**
Project based funding National and International	:	**82.14**
Industry funding	:	**01.12**
Donations	:	**00.00**
Support from alumni	:	**00.00**
Other earnings from training, workshops, etc	:	**00.00**
Other – Interest Earned	:	**14.39**
Total	:	**300.66 crore**

*(Please specify names of Ministries of Central Govt or the State Govt or UGC or any other Agencies of the Govt from where the funds are being received) **Mentioned**

Details are provided at **Annexure 1** (Page 131 to 131)

b. **i.** Existing Expenditure (separately for academic, administrative and research activities)(average of last five years) (In Crore):-

Revenue	:	406.26
Capital	:	216.67
Total	:	622.93

Year wise details are provided at **Annexure 2** (Page 132 to 133)

c. **Corpus Fund of last five years (year-wise) if any (In Crore):**

Year	Opening balance	Additions during the year	Closing balance
2013-14	54.47	6.48	60.95
2014-15	60.95	4.81	65.76
2015-16	65.76	10.88	76.64
2016-17	76.64	9.95	86.59
2017-18	86.59	3.58 (up to Sep-2017)	90.17
Total		**90.17** (up to Sep-2017)	

B. Expected Expenditure:

a. **Annual planned Expenditure (In Crore) in first five years separately for administrative, academics and research:**

Revenue : **319.92 (Cr)**

Capital : **707.53 (Cr)**

Total : **1027.45 (Cr)**

Year wise and item wise details are provided at **Annexure 3** (Page 134 to 134)

b. **Average yearly planned Expenditure (beyond five years) separately for administrative, academics and research (In Crore):-**

Revenue : **149.85 (Cr)**

Capital : **160.00 (Cr)**

Total : **309.85 (Cr)**

Details of calculation are provided at **Annexure 4** (Page 135 to 136)

c. **Proposed Corpus Fund if any (In Crore):**

2021-22 - 161.52

2026-27 - 289.32

} Details are shown in Annexure 4

C. Expected Resources:

a. **Expected Sources (for first five years) (In Crore):**

Expected Funds to be received from Central Govt	:	1000.00
Expected Funds to be received from State Govt	:	
Fees to be collected from domestic students	:	53.75
Fees to be collected from foreign students	:	10.28
Interest from corpus fund, if any	:	43.80
Earnings from consultancy	:	10.21

	Support from Alumni	:	11.00
	Project based funding: International funding: Donations	:	357.36
	Other earnings from training, workshops, etc	:	81.82
	Other please specify	:	
	Total: **1632.26** crore.		
	Details of year wise calculation are provided at **Annexure 5**		(Page 137 to 138)

b. Expected yearly Financial Resources (beyond five years when funding ceases to exist under the scheme) (In Crore):-

Expected Funds to be received from Central Govt	:	Please see Annexure – 6 for full details
Expected Funds to be received from State Govt	:	
Fees to be collected from domestic students	:	
Fees to be collected from foreign students	:	
Interest from corpus fund, if any	:	
Earnings from consultancy	:	
Support from Alumni	:	
Other earnings from training, workshops, etc	:	
Other please specify	:	

Total: _____ crore.

Details of calculations are provided at **Annexure 6** (Page 139 to 141)

PART-2

Sl No	Particular		
a.	The processing fee to be sent through RTGS/NEFT to the following accounts:-		
	Name of the Bank	-	**Canara Bank (UGC-General)**
	Branch	-	**UGC, New Delhi**
	Account No.	-	**8627101002122**
	IFSC Code	-	**CNRB0008627**
	MICR No.	-	**110015170**
	The Institute to sent the following details about the processing fee sent:- Name of the Institution –		University of Hyderabad
	Address	-	University of Hyderabad, Hyderabad - 500046
	Name of the Bank	-	State Bank of India
	Branch	-	Hyderabad University Campus Branch
	Branch Code	-	05916
	Account No.	-	30436863822
	IFSC Code	-	SBIN0005916
	Amount	-	1,00,00,000/- (Transferred on 04-12-2017)
	UTR No.	-	SBINR52017120400029890
	In case of DD - In favour of The Secretary, UGC as per the Guidelines with the relevant details.		

PART-3

I. Particulars of the Institution:

Sl No	Information / details		
a.	Name of the Institution	:	UNIVERSITY OF HYDERABAD
	Address of the Institution / University	:	Central University P.O., Prof. C.R.Rao Road, Gachibowli, Hyderabad-500046, Telangana State
b.	Location of the applicant Institution / University (Please mark √): i. Metropolitan area : √ Metropolitan area ii. Non-metropolitan area : iii. Non-urban area :		
c.	Name, Contact No., Email, Address, etc. of Director / Vice-Chancellor and Registrar of the applicant Institution / University:		

Designation	:	Vice-Chancellor	Designation	:	Registrar
Name	:	**Prof. Appa Rao Podile**	Name	:	**Mr. P. Sardar Singh**
Address:		University of Hyderabad Central University P.O., Prof. C.R.Rao Road, Gachibowli, Hyderabad-500046, Telangana State	Address:		University of Hyderabad Central University P.O., Prof. C.R.Rao Road, Gachibowli, Hyderabad-500046, Telangana State
Email	:	vc@uohyd.ac.in; podilerao@gmail.com	Email	:	registrar@uohyd.ac.in
Mobile	:	+91 9100655777	Mobile	:	+91 9970070616
Phone	:	040-2313 2000	Phone	:	040-2313 2100
Fax	:	040-2301 1090	Fax	:	040-2301 1089

d.	Act/Notification/MoA under which existing Institution/University established: Parlimentary Act 39 of 1974 Copy of the Act enclosed at **Annexure : 7** (Page 142 to 173)		
e.	Year of Establishment	:	1974
f.	No. of Off campuses	:	NIL
	No. of Off shore campuses	:	NIL
	No. of Constituent Unit	:	NIL
	No. of Constituent Institutions	:	NIL
	No. of Affiliated Colleges	:	NIL
	(Names and Address of above institutions & Approval of the Government to be provided in **Annexure: 8** (Pages____ to ____)) **Not Applicable**		

g. Complete Accreditation status of the Institutions / Universities, if any, by National Assessment & Accreditation Council (NAAC) / National Board of Accreditation (NBA) /International Accreditations, if any:

NAAC Accreditation Grade

Year	Grade	Validity
2004	A	Five Years
2009	A - 3.89/4	
2014	A - 3.72/4	

NBA : **Not Applicable**

Documentary evidence are provided in **Annexure: 9** (Page 174 to 178)

h. Whether the applicant Institution / University is multi-disciplinary, inter disciplinary or single disciplinary? Names of disciplines may be specified with justification at **Annexure: 10** (Page 179 to 182)

The University of Hyderabad is a Multi-Disciplinary institution. A list giving the names of disciplines is enclosed at Annexure 10.

II. Administrative Structure:

a. Details of Organisation and its structure : The details of composition of BoM / Governing Council or any other Committee are provided at **Annexure 11** (Page 183 to 184)

b. **Governance structure:**

i. Composition of Apex Governing Body of Institutions of Eminence :

ii. Governance Structure of proposed Institution of Eminence :

iii. Governance Structure of Sponsoring Organization :

For detailed composition of Board of IoE please see Annexure-12

(Details of credentials of members, etc. are provided at **Annexure 12** (Page 185 to 186)

III. Existing academic details:

a. No of Department at UG level : NIL

No of Department at PG Level : 18

No of Centres at PG Level : 04

No of Schools at PG Level : 12

(Names of Departments/Centre/School are provided at **Annexure: 13** (Page 187 to 187)) Enclosed

b. No. of courses offered at UG Level : NIL

No of Courses offered at PG Level : 63

(Names of courses are provided at **Annexure: 14** (Page 188 to 188)) Enclosed

c. No. of courses offered in Distance education:

UG Level : NIL

PG level : 14

(Names of courses to be provided at **Annexure: 15** (Page 189 to 189) along with details of study centres, if any)

d. Details of Students enrolled during the last three years:

Number of admitted students	CAYm2	CAYm1	CAY
UG courses	0	0	0
PG courses	1262	1313	1431
Ph.D	623	515	571
Other courses	3	0	0
Total	**1888**	**1828**	**2002**

CAY – Current Academic Year, CAYm1 is current academic year minus 1 year, CAYm2 is current academic year minus 2 year (The course wise details separately for main campus and off-campus / affiliating colleges to be provided as per **Annexure: 16** (Page 190 to 193))

e. Details of foreign Students enrolled during the last three years:

Number of admitted students	**CAYm2**	**CAYm1**	**CAY**
UG courses	0	0	0
PG courses	5	9	7
Ph.D	6	3	1
Other courses	0	0	0
Total	**11**	**12**	**8**

CAY – Current Academic Year, CAYm1 is current academic year minus 1 year, CAYm2 is current academic year minus 2 year (The course wise details separately for main campus and off-campus / affiliating colleges to be provided as per **Annexure: 17** (Page 194 to 194))

f. Number of the existing faculty as against sanctioned positions (regular):

Main Campus : **416 / 572**

Off-Campus : Not applicable

Constituent Institutions : Not applicable

Constituent Units : Not applicable

(Department / Centre / School-wise details of the existing faculties (regular, ad-hoc, part-time, guest, visiting, contractual faculty, etc) to be provided at **Annexure: 18** (Page 195 to 196))

Note: i. Please indicate if there is a ban on faculty recruitment and the last time faculty recruitment was undertaken?
ii. One faculty to be placed in one category only.

g. Number of the existing foreign faculty:

Main Campus	:	NIL
Off-Campus	:	NIL
Constituent Institutions	:	NIL
Constituent Units	:	NIL

(Department / Centre / School-wise details of the foreign faculties (regular, ad-hoc, part-time, guest, visiting, contractual faculty, etc) to be provided at Annexure: 19 (Pages____ to ____) **Not Applicable**
(Note: One faculty to be placed in one category only)

h. Department-wise details of the faculties like names, designations, qualifications, Pay Scale and experience are provided at **Annexure: 20** (Page 197 to 235)

i. Existing faculty-students ratio : **1 : 12**

(The faculty means regular faculty, adjunct faculty, and long term faculty (for at least three years). Part time faculty shall not be counted for the purpose)

j. Existing students admission policy for domestic students: Details at **Annexure: 21** (Page 236 to 250)

k. Existing students admission policy for foreign students, if any: Details at **Annexure: 23** (Page 251 to 251)

l. Existing faculty recruitment policy: *(Details at* Annexure: 24 *(Pages____ to ____)* ***Government of India and UGC Regulations are strictly followed. Hence no annexure is enclosed.***

m. Existing reservations policy for students & faculty: (Details at **Annexure: 25** (Page 252 to 252)

n. Existing policy on providing scholarship to meritorious / needy students: Details at **Annexure: 26** (Page 253 to 254)

III. Books & Journals and Equipment:

a. Institution-wise and discipline/faculty-wise No. of Books and Journals :

(List of Books and Journals are provided at **Annexure 27** (Page 255 to 270))

b. Institution-wise and department-wise list of equipment : Details at **Annexure 28**
(more than Rs. 25 lakh) : (Page 271 to 282)

c. Details of the modern information resources (Broadband connectivity, internet connections, wi-fi enabled campus and other learning materials) : Details at **Annexure 29** (Page 283 to 283)

IV. Academic Activities:

a. Academic achievements by the faculty for the last five years:

i.	No. of Books and Edited Books	:	**313**
ii.	No. of Book Chapters	:	**529**
iii.	No. of Articles in Referred Journals (SCOPUS)	:	**3891**
iv.	No. of Peer-reviewed Monographs	:	**124**
v.	No. of Referred Papers and Presentations	:	**2748**
vi.	Other publications (occasional papers, monographs, working papers, policy briefs, etc:		**236**

(Details to be provided at Annexure 30 (Page 284 to 755))

b. No. of Honours and Awards in the last five years : **1093**
Details are provided at Annexure 31 Pages 756 to 818

c. Research Grants and Fellowships received during the last five years : **494**
Details are provided at Annexure 32 Pages 819 to 867

d.

i.	Professional Experience / Activities	:	**1567**
ii.	Contribution to Professional and / or Public Service	:	**1355**
iii.	Dissertation supervised by Regular faculty	:	**2520**

Details are provided at Annexure 33 Pages 868 to 1018

e. Research Projects / sponsored research undertaken during the last 5 years including those completed during the period : **216 + 386 = 602**

Details are provided at Annexure 34 (Pages 1019 to 1062))

(Name of the Faculty/Department, No. of Research Projects completed/in progress, sponsoring agency, funds received, etc.)

f. Extramural research projects sponsored by other agencies (public and private) and implemented by the Institute (s) during last five years : **123** Details including names of the Principal Investigator, sponsoring agencies and funds received at **Annexure: 35** (Pages 1063 to 1080)

g.

No. of Patents in last five years	:	**63**
Copyrights in last five years	:	**00**
Transfer of Technology in last five years	:	**32**

Details are at **Annexure 36** Pages 1081 to 1093

h. National / International Conferences / Seminar / Symposia /Workshop organized in the last five years :
Numbers : **443** Details at **Annexure 37** (Pages 1094 to 1127)

i. Other research oriented activities in the last five years

j. Details of the inter-disciplinary orientation

k. No. of Research linkages of the Institution (s) with the University and other national and international agencies: **74** Details at **Annexure 38** (Pages 1128 to 1136)

l.	Details of the full time Doctoral/Post-Doctoral research programmes	:	Details at **Annexure 39** (Pages 1137 to 1140)
	V. Programmes and Activities:		
a.	Whether academic programmes offer sufficient scope for interdisciplinary learning and research? If yes, the details thereof.	:	Details at **Annexure 40** (Pages 1141 to 1151)
b.	Examination process	:	Details at **Annexure 41** (Pages 1152 to 1160)
c.	Evaluation system	:	Details at **Annexure 42** (Pages 1161 to 1171)
	VI. Miscellaneous:		
a.	Details of periodic reviews and assessments of the Institution/University by recognized external accrediting / assessment agencies, if any : The University has its **IQAC** for internal reviews and assessments. We have also been assessed by **NIRF**, **NAAC**, **QS** and such ranking mechanisms, in all of which we have consistently scored high. The citation index (48.1, **QS** 2017-18) demonstrates the UoH's insertion into the global ranking framework. ***Please refer to Part 1, IV (n), and Annexure-9 for details*** **(Documentary evidence at Annexure 43 (Pages ___ to ___))**		
b.	Details of extension services/activities, societal engagements, continuing education programmes, sports and games, cultural activities etc. undertaken by the Institution/ University **:**		**Details at Annexure 44** (Pages 1172 to 1174)

C E R T I F I C A T E

This is to certify that all the information provided in this proposal is true to the best of my knowledge and belief.

Signed and Sealed by the Head of the Institution

Note:-

1. **Ministries / Departments of Central / State Governments to give an undertaking that all necessary conditions as prescribed in the UGC (Declaration of Govt. Educational Institutions as Institutions of Eminence) Guidelines, 2017 will be mandatorily adhered to in letter and spirit in respect of Universities / Institutions selected.**
2. **Serial Number of Annexures should not be changed. If any additional Annexure is to be submitted, it may be mentioned at Annexure -1(A), 1(B)....., 2(A), 2(B).....etc.**
3. **If Institutions so desires to submit additional information, they may do so at appropriate places along with the Annexures, if any.**

Appendix-1.A

Teaching Plan

The emphasis in IoE is to build and reinforce our strengths in interdisciplinary programmes that is embedded in our school and centres' academic structure. Accordingly, a fifteen-year plan has been drawn up that apart from increasing intake in existing courses to the extent possible and feasible intends to offer the following programs formulated in the interdisciplinary mould and exercising the proposed autonomy under IoE.
It should be mentioned here that

(i) full-program contents and course outlines have *already* been drawn up by various Schools/Departments/Centres.

(ii) Schools/Departments/Centres will coalesce around their existing faculty with inputs from the accomplished faculty *under the IoE track* that will lead to formal additional programmes.

New Programmes Proposed Under IoE

Sl. No.	Name of the Course	Course Duration (in Years)	1st Five Years Intake	2nd Five Years Intake	3rd Five Years Intake
1	Executive MBA	2	80	0	0
2	MBA- Rural Management	2	0	80	0
3	M.A.- Human Security	2	80	0	0
4	M.A.- Postcolonial Literatures in English	2	30	0	0
5	M.A.-Translation Studies	2	30	0	0
6	M.Sc.-Applied Nutrition	2	30	0	0
7	M.A.-Digital Learning	2	30	0	0
8	M.Sc.-Radiation Biology	2	20	0	0
9	M.S. By Research - Chemical Biology	2	60	0	0
10	M.S. By Research - Chemical Physics	2	60	0	0
11	M.S. by Research - Advanced Materials and Manufacturing	2	60	0	0
12	Integrated M.Sc./Ph. D - Chemistry	6	90	0	0
13	M.S. by Research – Physics	2	40	0	0
14	M.Tech – Non-Destructive Testing & Evaluation	2	36	0	0
15	Dual Degree - B.Tech + M.Tech in Data Science	5	200	0	0
16	M.A. - India Studies (Study in India Program)	2	40	0	0
17	M.Tech - Integrated Circuits & Systems Design	2	72	0	0
18	M.Sc School Psychology	2	15	0	0
19	MA Ecological Economics	2	25	35	50
20	MA Development Studies	2	---	20	40
21	MA Public Policy	2	---	---	25

Appendix-1.B

Increase of Intake in Existing Programmes									
Name of the Course	Current Intake	Course Duration (in Years)	Current Enroll-ment **(2 x 3)**	Proposed Increase in intake during 1st 5 Years	Propo-sed Increase in intake during 2nd 5Years	Proposed Increase in intake during 3rd 5 Years	Total Enroll-ment after 1st 5Years **(4 + 5)**	Total Enroll-ment after 2nd 5Years **(4 + 5 + 6)**	Total Enroll-ment after 3rd 5 years **(4 + 5 + 6 + 7)**
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
MBA-HC&HM	30	2	60	20	0	0	80	80	80
MBA-BA	30	2	60	20	0	0	80	80	80
Ph.D. Management	12	5	60	30	0	0	90	90	90
M.C.A	60	3	180	45	45	0	225	270	270
M.Tech (CS)	45	2	90	30	0	0	120	120	120
M.Tech (AI)	30	2	60	20	0	0	80	80	80
M.Tech (IT)	30	2	60	20	0	0	80	80	80
Int. M.Tech (CS)	20	5	100	100	0	0	200	200	200
M.Tech (IS) (New)	0	2	0	100	0	0	100	100	100
Dual Degree (B.Tech + M.Tech)	0	6	0	360	0	0	360	360	360
Ph.D. SCIS	12	5	60	25	15	0	85	100	100
I.M.A.-Economics	11	5	55	95	75	75	150	225	300
M.A-Economics	60	2	120	20	20	20	140	160	180
M.A-Financial Economics	30	2	60	20	20	20	80	100	120
M.A-Ecological Economics	0	2	0	50	20	30	50	70	100
M.A-Development Studies	0	2	0	0	40	40	0	40	80
M.A.-Public Policy	0	2	0	0	0	50	0	0	50
Int. M.Phil/Ph.D-Economics	0	6	0	90	90	90	90	180	270
Int. M.A/Ph.D-Economics	0	6	0	0	0	90	0	0	90
			965	**1045**	**325**	**415**	**2010**	**2335**	**2750**

UNIVERSITY OF HYDERABAD
ENGINEERING DEPARTMENT (UWD)
PROPOSED CONSTRUCTION OF WORKS under PPP Mode
PROFORMA ESTIMATES

Sl. No	Name of work	Amount	
I	Conventional Cluster		
a)	Auditorium - 2000 seater capacity	33.11	Crores
b)	Auditorium - 500 seater capacity	8.46	Crores
c)	Auditorium - 300 seater capacity	5.23	Crores
d)	Auditorium - 150 seater capacity	2.80	Crores
e)	International Standard Guest House (Hotel cum Guest House 200 Rooms)	30.90	Crores
II	International Student Hostel (200 Rooms + Dining Area)	21.37	Crores
III	400 Students Women's Hostel	36.76	Crores
IV	400 Students Men's Hostel	36.76	Crores
V	100 Bed Hospital	21.56	Crores
	Total	196.95	Crores
IV	Infrastructure required for TIDE	18.04	Crores
		18.04	Crores

*(B) Appendix-02.A

PROFORMA ESTIMATE
Sub: 100 Beds Hospital
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground Floor = 5000 Sqm

Sl. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	5000.00	Sqm	23500.00	117500000.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	5000.00	Sqm	270.00	1350000.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	5000.00	Sqm	270.00	1350000.00	
						120200000.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 4% on (A)				4808000.00	
b)	3.2	External services connections @ 5% on (A)				6010000.00	
c)	3.3	Internal electric installations @12.5% on (A)				15025000.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				601000.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				601000.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				1202000.00	
4)	5.1	Over head tank without independent staging	5000.00	Ltrs	15.00	75000.00	
5)	1.4.1	Fire fighting with wet riser system	5000.00	Sqm	500.00	2500000.00	
6)	5.5	Under ground sump	10000.00	Ltrs	15.00	150000.00	
7)	4.1.4	Passenger Lift (8 persons) 544 kg	1.00	each	2400000.00	2400000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		5000x4= 20000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	20000.00	Sqm	690.00	13800000.00	
		Total				**47172000.00**	(B)
					(A+B)	**167372000.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**18410920.00**	(C)
					(A+B+C)	**185782920.00**	
10)		Add for contingencies @ 3% on (A+B+C)				**5573487.60**	

11)		Architect fee 3% on (A+B+C)				**5573487.60**	
12)		Add Furniture @ 10% on (A+B+C)				**18578292.00**	
		Total Amount				**215508187.20**	
		Say Rs.				**21.56 Crores**	

Appendix-02.B

PROFORMA ESTIMATE

Sub: Proposed 400 Seater Hostel-I under PPP Mode

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor + First floor (5750+5750) = 11500 sqm.

Sl. No	Code No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	11500.00	Sqm	16500.00	189750000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	11500.00	Sqm	270.00	3105000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	5750.00	Sqm	270.00	1552500.00	
					(A)	**194407500.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 10% on (A)				19440750.00	
b)	3.2	External services connections @ 5% on (A)				9720375.00	
c)	3.3	Internal electric installations @12.5% on (A)				24300937.50	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				972037.50	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				972037.50	
f)	3.6.7	Extra for Quality assurance @1% on (A)				1944075.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	11500.00	Sqm	500.00	5750000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	4.00	each	2800000.00	11200000.00	
8)	6.0	**Development of site** (5750x4) = 23000 Sqm					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	23000.00	Sqm	690.00	15870000.00	
		Total				**91070212.50**	**(B)**
					(A+B)	**285477712.50**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**31402548.38**	**(C)**
					(A+B+C)	**316880260.88**	
10)		Add for contingencies @ 3% on (A+B+C)				9506407.83	
11)		Architect fee 3% on (A+B+C)				9506407.83	
12)		Furniture for the building @ 10% on (A+B+C)				31688026.09	
		Total Amount				**367581102.62**	
					Say Rs.	**36.76 Crores**	

Appendix-02.C

PROFORMA ESTIMATE
Sub: Proposed 400 Seater Hostel-II under PPP Mode
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground floor + First floor (5750+5750) = 11500 sqm.

Sl. No	Code No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	11500.00	Sqm	16500.00	189750000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	11500.00	Sqm	270.00	3105000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	5750.00	Sqm	270.00	1552500.00	
					(A)	**194407500.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 10% on (A)				19440750.00	
b)	3.2	External services connections @ 5% on (A)				9720375.00	
c)	3.3	Internal electric installations @12.5% on (A)				24300937.50	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				972037.50	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				972037.50	
f)	3.6.7	Extra for Quality assurance @1% on (A)				1944075.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	11500.00	Sqm	500.00	5750000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	4.00	each	2800000.00	11200000.00	
8)	6.0	**Development of site** (5750x4) = 23000 Sqm					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					

g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	23000.00	Sqm	690.00	15870000.00	
		Total				**91070212.50**	**(B)**
					(A+B)	**285477712.50**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**31402548.38**	**(C)**
					(A+B+C)	**316880260.88**	
10)		Add for contingencies @ 3% on (A+B+C)				9506407.83	
11)		Architect fee 3% on (A+B+C)				9506407.83	
12)		Furniture for the building @ 10% on (A+B+C)				31688026.09	
		Total Amount				**367581102.62**	
					Say Rs.	**36.76 Crores**	

Appendix-02.D

PROFORMA ESTIMATE *(B)

Sub: Conventional Cluster (Auditorium - 150 seater capacity)

Proforma estimate based on 2012 plinth area rates.

Plinth area (Ground floor) = 570 Sqm

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	570.00	Sqm	23500.00	13395000.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	570.00	Sqm	270.00	153900.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	570.00	Sqm	270.00	153900.00	
						13702800.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 4% on (A)				548112.00	
b)	3.2	External services connections @ 5% on (A)				685140.00	
c)	3.3	Internal electric installations @12.5% on (A)				1712850.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				68514.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				68514.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				137028.00	
4)	5.1	Over head tank without independent staging	2000.00	Ltrs	15.00	30000.00	
5)	1.4.1	Fire fighting with wet riser system	570.00	Sqm	500.00	285000.00	
6)	5.5	Under ground sump	4000.00	Ltrs	15.00	60000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		570x4=2280 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	2280.00	Sqm	690.00	1573200.00	
		Total				**7968358.00**	(B)
					(A+B)	**21671158.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**2383827.38**	(C)
					(A+B+C)	**24054985.38**	
10)		Add for contingencies @ 3% on (A+B+C)				**721649.56**	
11)		Architect fee 3% on (A+B+C)				**721649.56**	
12)		Add Furniture @ 10% on (A+B+C)				**2405498.54**	
		Total Amount				**27903783.04**	
		Say Rs.				**2.80 Crores**	

Appendix-02.E

PROFORMA ESTIMATE

Sub: International Student Hostel (100 Rooms) PHASE-II

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor = 2520 sqm.

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	2520.00	Sqm	16500.00	41580000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	2520.00	Sqm	270.00	680400.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	2520.00	Sqm	270.00	680400.00	
					(A)	**42940800.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				6441120.00	
b)	3.2	External services connections @ 5% on (A)				2147040.00	
c)	3.3	Internal electric installations @12.5% on (A)				5367600.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				214704.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				214704.00	
f)	3.6.7	Extra for Quality assurance @1% on (A)				429408.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	2520.00	Sqm	500.00	1260000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	2.00	each	2800000.00	5600000.00	
8)	6.0	**Development of site** (2520x4) = 10080					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	10080.00	Sqm	690.00	6955200.00	
		Total				**29529776.00**	**(B)**
					(A+B)	**72470576.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**7971763.36**	**(C)**
					(A+B+C)	**80442339.36**	
10)		Add for contingencies @ 3% on (A+B+C)				2413270.18	
11)		Architect fee 3% on (A+B+C)				2413270.18	
12)		Furniture for the building @ 10% on (A+B+C)				8044233.94	
		Total Amount				**93313113.66**	
					Say Rs.	**9.34 Crores**	

Appendix-02.F

PROFORMA ESTIMATE

Sub: International Student Hostel (100 Rooms + Dining Area) PHASE-I

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor = 3320 sqm.

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	3320.00	Sqm	16500.00	54780000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	3320.00	Sqm	270.00	896400.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	3320.00	Sqm	270.00	896400.00	
					(A)	**56572800.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				8485920.00	
b)	3.2	External services connections @ 5% on (A)				2828640.00	
c)	3.3	Internal electric installations @12.5% on (A)				7071600.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				282864.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				282864.00	
f)	3.6.7	Extra for Quality assurance @1% on (A)				565728.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	3320.00	Sqm	500.00	1660000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	2.00	each	2800000.00	5600000.00	
8)	6.0	**Development of site** (3320x4) = 13280					
	6.1	Levelling @ Rs.95.00 sqm					
a)	6.2	Internal roads & paths @ Rs.145.00 sqm					
b)	6.3	Sewer @ Rs.110.00 sqm					
c)	6.4.1	Filter water supply @ Rs.80.00 sqm					
d)	6.5	Storm water drains @ Rs.85.00 sqm					
e)	6.6	Horticulture operations @ Rs.80 sqm					
f)	6.7.1	Street lighting @ Rs. 95.00 sqm					
g)		**Rs. 690.00 Sqm**	13280.00	Sqm	690.00	9163200.00	
		Total				**36840816.00**	**(B)**
					(A+B)	**93413616.00**	
		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**10275497.76**	**(C)**
9)					**(A+B+C)**	**103689113.76**	
		Add for contingencies @ 3% on (A+B+C)				3110673.41	
10)		Architect fee 3% on (A+B+C)				3110673.41	
11)		Furniture for the building @ 10% on (A+B+C)				10368911.38	
12)		**Total Amount**				**120279371.96**	
					Say Rs.	**12.03 Crores**	

PROPOSED CONSTRUCTION OF WORKS Under IOE
PROFORMA ESTIMATES

Sl. No	Name of work	Amount			
		PHASE-I		PHASE-II	
I	Married Research Scholars Accommodation (100 Rooms)	**11.08**	**Crores**	**11.08**	**Crores**
II	International Faculty Hostel (50 Rooms)	**6.02**	**Crores**	**6.02**	**Crores**
III	Guest House Facilities (100 Rooms)	**11.38**	**Crores**	**11.38**	**Crores**
IV	Inter Displinary Science and Social Science Centre (Cluster of 5 Blocks)	**116.00**	**Crores**		
V	Lecture Hall Complex with 300 seater class rooms	**53.63**	**Crores**		
VI	New Library Building	**44.34**	**Crores**		
VII	Students Recreation Centre (South Campus)	**5.24**	**Crores**		
VIII	Students Recreation Centre (South Campus)	**5.24**	**Crores**		
IX	HRDC	**13.37**	**Crores**		
		266.30	**Crores**	**28.48**	**Crores**

PHASE-I	266.30	Crores
PHASE-II	28.48	Crores
Total	**294.78**	**Crores**

Appendix-03.A

List of repairs proposed in Ladies Hostel-VI for conversion of International Hostel in UoH Campus

Sl. No	Existing status	Proposed modifications	Amount
1	C.C Flooring	Ceramic glazed tiles in rooms and corridor	1807111.27
2	Cub boards with out shutters	Frame with shutters	807302.12
3	No wire mesh shutters for windows	wire mesh shutters for all windows	288130.39
4	Terrace flooring damaged	Terrace flooring replacement	162000.00
5	Toilets are in bad condition	Replace with new E.W.C, wash basins, sinks, towel rods and mirrors	260000.00
6	External pipes damaged	External pipes replaced	35695.00
7	No kitchen	Converting TV room into kitchen with granite plat form, wash basin and kitchen sinks	346000.00
8	Damaged Doors (12 no.s)	Replaced with new doors	40000.00
9	With out PVC sheet for wash room doors	PVC sheets provided for all wash room doors	63695.11
10	Fencing was damaged	Proposed fencing around the entire compound wall	657555.11
11	The internal walls are shoby	Proposed internal painting	562534.00
12	Electrical wiring damaged	Proposed new wiring	340977.00
13	Internal fittings damaged	Replaced with new fittings	207000.00
14	External street lights	Providing new street lights	170000.00
Total Amount			**5748000.00**

Appendix-03.B
*(B)

PROFORMA ESTIMATE
Sub: Guest House Facilities (50 Rooms) PHASE-I
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground Floor + First Floor (2000+1400)= 3400 Sqm

S.No	Code.No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	3400.00	Sqm	16500.00	56100000.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	3400.00	Sqm	270.00	918000.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	2000.00	Sqm	270.00	540000.00	
						57558000.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				8633700.00	
b)	3.2	External services connections @ 5% on (A)				2877900.00	
c)	3.3	Internal electric installations @12.5% on (A)				7194750.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				287790.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				287790.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				575580.00	
4)	5.1	Over head tank without independent staging	20000.00	Ltrs	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	3400.00	Sqm	500.00	1700000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		2000x4=8000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					

f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	8000.00	Sqm	690.00	5520000.00	
		Total				**30777510.00**	(B)
					(A+B)	**88335510.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**9716906.10**	(C)
					(A+B+C)	**98052416.10**	
10)		Add for contingencies @ 3% on (A+B+C)				**2941572.48**	
11)		Architect fee 3% on (A+B+C)				**2941572.48**	
12)		Add Furniture @ 10% on (A+B+C)				**9805241.61**	
		Total Amount				**113740802.68**	
		Say Rs.				**11.38 Crores**	

Appendix-03.C
*(B)

PROFORMA ESTIMATE
Sub: Guest House Facilities (50 Rooms) PHASE-II
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground Floor + First Floor (2000+1400)= 3400 Sqm

Sl. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	3400.00	Sqm	16500.00	56100000.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	3400.00	Sqm	270.00	918000.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	2000.00	Sqm	270.00	540000.00	
						57558000.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				8633700.00	
b)	3.2	External services connections @ 5% on (A)				2877900.00	
c)	3.3	Internal electric installations @12.5% on (A)				7194750.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				287790.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				287790.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				575580.00	
4)	5.1	Over head tank without independent staging	20000.00	Ltrs	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	3400.00	Sqm	500.00	1700000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		2000x4=8000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs.					

		80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	8000.00	Sqm	690.00	5520000.00	
		Total				**30777510.00**	(B)
					(A+B)	**88335510.00**	(C)
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**9716906.10**	
					(A+B+C)	**98052416.10**	
10)		Add for contingencies @ 3% on (A+B+C)				**2941572.48**	
11)		Architect fee 3% on (A+B+C)				**2941572.48**	
12)		Add Furniture @ 10% on (A+B+C)				**9805241.61**	
		Total Amount				**113740802.68**	
		Say Rs.				**11.38 Crores**	

Appendix-03.D

PROFORMA ESTIMATE
Sub: Proposed HRDC
Proforma estimate based on 2012 plinth area rates.
Plinth area for G.F+F.F+S.F (1000+1000+1000) = 3000 sqm.

Sl. No	Code.No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
a)	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	3000.00	Sqm	23500.00	70500000.00	
2		**EXTRAS FOR**					
(a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	3000.00	Sqm	270.00	810000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 -1.20)=0.30	1000.00	Sqm	270.00	270000.00	
					(A)	**71580000.00**	
4)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				10737000.00	
b)	3.2	External services connections @ 5% on (A)				3579000.00	
c)	3.3	Internal electric installations @12.5% on (A)				8947500.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				357900.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				357900.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				715800.00	
5)	5.1	Over head tank without independent staging	10000.00	Ltrs	15.00	150000.00	
6)	1.4.1	Fire fighting with wet riser system	3000.00	Sqm	500.00	1500000.00	
7)	5.5	Under ground sump	20000.00	Ltrs	15.00	300000.00	
8)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
9)	6.0	**DEVELOPMENT OF SITE**					
		1000x4= 4000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					

		Rs. 690.00 Sqm	4000.00	Sqm	690.00	2760000.00	
		Total				**32205100.00**	**(B)**
					(A+B)	**103785100.00**	
10)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**11416361.00**	**(C)**
					(A+B+C)	**115201461.00**	
11)		Add for contingencies @ 3% on (A+B+C)				3456043.83	
12)		Architect fee 3% on (A+B+C)				3456043.83	
13)		Furniture for the building @ 10% on (A+B+C)				11520146.10	
		Total Amount				**133633694.76**	
					Say Rs.	**13.37 Crores**	

Appendix-03.E

PROFORMA ESTIMATE

Sub: Inter Displinary Science Centre (Cluster of 5 Blocks)

Proforma estimate based on 2012 plinth area rates.

Plinth area for each block G.F+F.F+S.F (2100+2100+1000) = 5200 sqm.

Plinth area for 5 blocks G.F+F.F+S.F (10500+10500+5000) = 26000 sqm.

S.No	Code.No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	26000.00	Sqm	23500.00	611000000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	26000.00	Sqm	270.00	7020000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 -1.20)=0.30	10500.00	Sqm	270.00	2835000.00	
					(A)	**620855000.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				93128250.00	
b)	3.2	External services connections @ 5% on (A)				31042750.00	
c)	3.3	Internal electric installations @12.5% on (A)				77606875.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				3104275.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				3104275.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				6208550.00	
4)	5.1	Over head tank without independent staging	50000.00	Ltrs	15.00	750000.00	
5)	1.4.1	Fire fighting with wet riser system	26000.00	Sqm	500.00	13000000.00	
6)	5.5	Under ground sump	100000.00	Ltrs	15.00	1500000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	5.00	each	2800000.00	14000000.00	
5)	6.0	**DEVELOPMENT OF SITE**					
		10500x4=42000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	42000.00	Sqm	690.00	28980000.00	
		Total				**272424975.00**	**(B)**
					(A+B)	**893279975.00**	
6		Add for cost index (111-100)/100))				**98260797.25**	**(C)**

		i.e. @ 11% on (A+B)					
					(A+B+C)	**991540772.25**	
7		Add for contingencies @ 3% on (A+B+C)				29746223.17	
		Architect fee 3% on (A+B+C)				29746223.17	
8		Furniture for the building @ 10% on (A+B+C)				99154077.23	
		Total Amount				**1150187295.81**	
					Say Rs.	**116 Crores**	

Appendix-03.F

PROFORMA ESTIMATE

Sub: International Faculty Hostel (25 Rooms) PHASE-I

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor + First floor (1000+750) = 1750 sqm.

Sl. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	1750.00	Sqm	16500.00	28875000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	1750.00	Sqm	270.00	472500.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	1000.00	Sqm	270.00	270000.00	
					(A)	**29617500.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				4442625.00	
b)	3.2	External services connections @ 5% on (A)				1480875.00	
c)	3.3	Internal electric installations @12.5% on (A)				3702187.50	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				148087.50	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				148087.50	
f)	3.6.7	Extra for Quality assurance @1% on (A)				296175.00	
4	5.1	Over head tank without independent staging	10000.00	Ltr	15.00	150000.00	
5)	1.4.1	Fire fighting with wet riser system	1750.00	Sqm	500.00	875000.00	
6)	5.5	Under ground sump	20000.00	Ltrs	15.00	300000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**Development of site** (1000x4) = 4000					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	4000.00	Sqm	690.00	2760000.00	

		Total				**17103037.50**	**(B)**
					(A+B)	**46720537.50**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**5139259.13**	**(C)**
					(A+B+C)	**51859796.63**	
10)		Add for contingencies @ 3% on (A+B+C)				1555793.90	
11)		Architect fee 3% on (A+B+C)				1555793.90	
12)		Furniture for the building @ 10% on (A+B+C)				5185979.66	
		Total Amount				**60157364.09**	
					Say Rs.	**6.02 Crores**	

Appendix-03.G

PROFORMA ESTIMATE

Sub: International Faculty Hostel (25 Rooms) PHASE-II

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor + First floor (1000+750) = 1750 sqm.

Sl. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	1750.00	Sqm	16500.00	28875000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	1750.00	Sqm	270.00	472500.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	1000.00	Sqm	270.00	270000.00	
					(A)	**29617500.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				4442625.00	
b)	3.2	External services connections @ 5% on (A)				1480875.00	
c)	3.3	Internal electric installations @12.5% on (A)				3702187.50	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				148087.50	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				148087.50	
f)	3.6.7	Extra for Quality assurance @1% on (A)				296175.00	
4	5.1	Over head tank without independent staging	10000.00	Ltr	15.00	150000.00	
5)	1.4.1	Fire fighting with wet riser system	1750.00	Sqm	500.00	875000.00	
6)	5.5	Under ground sump	20000.00	Ltrs	15.00	300000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**Development of site** (1000x4) = 4000					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					

		Rs. 690.00 Sqm	4000.00	Sqm	690.00	2760000.00	
		Total				**17103037.50**	**(B)**
					(A+B)	**46720537.50**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**5139259.13**	**(C)**
					(A+B+C)	**51859796.63**	
10)		Add for contingencies @ 3% on (A+B+C)				1555793.90	
11)		Architect fee 3% on (A+B+C)				1555793.90	
12)		Furniture for the building @ 10% on (A+B+C)				5185979.66	
		Total Amount				**60157364.09**	
					Say Rs.	**6.02 Crores**	

Appendix-03.H
*(B)

PROFORMA ESTIMATE
Sub: Proposed Lecture Hall Complex with 300 seater class rooms
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground Floor + First Floor + Second Floor (6000+6000+6000) = 18000 Sqm

Sl. No	Code.No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	18000.00	Sqm	17000.00	306000000.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	18000.00	Sqm	270.00	4860000.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	6000.00	Sqm	270.00	1620000.00	
						312480000.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 5% on (A)				15624000.00	
b)	3.2	External services connections @ 5% on (A)				15624000.00	
c)	3.3	Internal electric installations @12.5% on (A)				39060000.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				1562400.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				1562400.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				3124800.00	
4)	5.1	Over head tank without independent staging	50000.00	Ltrs	15.00	750000.00	
5)	1.4.1	Fire fighting with wet riser system	6000.00	Sqm	500.00	3000000.00	
6)	5.5	Under ground sump	100000.00	Ltrs	15.00	1500000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	2.00	each	2800000.00	5600000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		6000x4= 24000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	24000.00	Sqm	690.00	16560000.00	
		Total				**103967600.00**	(B)
					(A+B)	**416447600.00**	

9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**45809236.00**	(C)
					(A+B+C)	**462256836.00**	
10)		Add for contingencies @ 3% on (A+B+C)				**13867705.08**	
11)		Architect fee 3% on (A+B+C)				**13867705.08**	
12)		Add Furniture @ 10% on (A+B+C)				**46225683.60**	
		Total Amount				**536217929.76**	
		Say Rs.				**53.63 Crores**	

Appendix-03.I

PROFORMA ESTIMATE

Sub: Married Research Scholars Accommodation (50 Rooms) PHASE-I

Proforma estimate based on 2012 plinth area rates.

Plinth area Grooound floor + First floor (2000+1300) = 3300 sqm.

S.No	Code.No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	3300.00	Sqm	16500.00	54450000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	3300.00	Sqm	270.00	891000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 -1.20)=0.30	2000.00	Sqm	270.00	540000.00	
					(A)	**55881000.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				8382150.00	
b)	3.2	External services connections @ 5% on (A)				2794050.00	
c)	3.3	Internal electric installations @12.5% on (A)				6985125.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				279405.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				279405.00	
f)	3.6.7	Extra for Quality assurance @1% on (A)				558810.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	3300.00	Sqm	500.00	1650000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**Development of site** (2000x4) = 8000					
	6.1	Levelling @ Rs.95.00 sqm					
a)	6.2	Internal roads & paths @ Rs.145.00 sqm					
b)	6.3	Sewer @ Rs.110.00 sqm					
c)	6.4.1	Filter water supply @ Rs.80.00 sqm					
d)	6.5	Storm water drains @ Rs.85.00 sqm					
e)	6.6	Horticulture operations @ Rs.80 sqm					
f)	6.7.1	Street lighting @ Rs. 95.00 sqm					
g)		**Rs. 690.00 Sqm**	8000.00	Sqm	690.00	5520000.00	
		Total				**30148945.00**	**(B)**
					(A+B)	**86029945.00**	
		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**9463293.95**	**(C)**
9)					**(A+B+C)**	**95493238.95**	
		Add for contingencies @ 3% on (A+B+C)				2864797.17	
10)		Architect fee 3% on (A+B+C)				2864797.17	
11)		Furniture for the building @ 10% on				9549323.90	

		(A+B+C)					
12)		**Total Amount**				**110772157.18**	
					Say Rs.	**11.08 Crores**	

Appendix-03.J
PHASE-II

PROFORMA ESTIMATE
Sub: Married Research Scholars Accommodation (50 Rooms)
Proforma estimate based on 2012 plinth area rates.
Plinth area Groound floor + First floor (2000+1300) = 3300 sqm.

Sl. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	3300.00	Sqm	16500.00	54450000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	3300.00	Sqm	270.00	891000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 -1.20)=0.30	2000.00	Sqm	270.00	540000.00	
					(A)	**55881000.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				8382150.00	
b)	3.2	External services connections @ 5% on (A)				2794050.00	
c)	3.3	Internal electric installations @12.5% on (A)				6985125.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				279405.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				279405.00	
f)	3.6.7	Extra for Quality assurance @1% on (A)				558810.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	3300.00	Sqm	500.00	1650000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	1.00	each	2800000.00	2800000.00	
8)	6.0	**Development of site** (2000x4) = 8000					
	6.1	Levelling @ Rs.95.00 sqm					
a)	6.2	Internal roads & paths @ Rs.145.00 sqm					
b)	6.3	Sewer @ Rs.110.00 sqm					
c)	6.4.1	Filter water supply @ Rs.80.00 sqm					
d)	6.5	Storm water drains @ Rs.85.00 sqm					
e)	6.6	Horticulture operations @ Rs.80 sqm					
f)	6.7.1	Street lighting @ Rs. 95.00 sqm					
g)		**Rs. 690.00 Sqm**	8000.00	Sqm	690.00	5520000.00	
		Total				**30148945.00**	**(B)**
					(A+B)	**86029945.00**	
		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**9463293.95**	**(C)**
9)					**(A+B+C)**	**95493238.95**	
		Add for contingencies @ 3% on (A+B+C)				2864797.17	

10)		Architect fee 3% on (A+B+C)				2864797.17	
11)		Furniture for the building @ 10% on (A+B+C)				9549323.90	
12)		**Total Amount**				**110772157.18**	
					Say Rs.	**11.08 Crores**	

Appendix-03.K

PROFORMA ESTIMATE
Sub: Proposed New Library Building
Proforma estimate based on 2012 plinth area rates.
Plinth area for G.F+F.F (5000+5000) = 10000 sqm.

Sl. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	10000.00	Sqm	23500.00	235000000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	10000.00	Sqm	270.00	2700000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 -1.20)=0.30	5000.00	Sqm	270.00	1350000.00	
					(A)	**239050000.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				35857500.00	
b)	3.2	External services connections @ 5% on (A)				11952500.00	
c)	3.3	Internal electric installations @12.5% on (A)				29881250.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				1195250.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				1195250.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				2390500.00	
4)	5.1	Over head tank without independent staging	20000.00	Ltrs	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	5000.00	Sqm	500.00	2500000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	2.00	each	2800000.00	5600000.00	
5)	6.0	**DEVELOPMENT OF SITE**					
		5000x4=20000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	20000.00	Sqm	690.00	13800000.00	
		Total				**105272250.00**	**(B)**

					(A+B)	**344322250.00**	
6		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**37875447.50**	**(C)**
					(A+B+C)	**382197697.50**	
7		Add for contingencies @ 3% on (A+B+C)				11465930.93	
		Architect fee 3% on (A+B+C)				11465930.93	
8		Furniture for the building @ 10% on (A+B+C)				38219769.75	
		Total Amount				**443349329.10**	
					Say Rs.	**44.34 Crores**	

Appendix-03.L
*(B)

PROFORMA ESTIMATE
Sub: Proposed Students Recreation Centre (North Campus)
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground Floor = 1155 Sqm

Sl. No	Code No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	1155.00	Sqm	23500.00	27142500.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	1155.00	Sqm	270.00	311850.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	1155.00	Sqm	270.00	311850.00	
						27766200.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 4% on (A)				1110648.00	
b)	3.2	External services connections @ 5% on (A)				1388310.00	
c)	3.3	Internal electric installations @12.5% on (A)				3470775.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				138831.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				138831.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				277662.00	
4)	5.1	Over head tank without independent staging	4000.00	Ltrs	15.00	60000.00	
5)	1.4.1	Fire fighting with wet riser system	1155.00	Sqm	500.00	577500.00	
6)	5.5	Under ground sump	8000.00	Ltrs	15.00	120000.00	
7)	4.1.4	Passenger Lift (8 persons) 544 kg	1.00	each	2400000.00	2400000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		1155x4= 4620 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	4620.00	Sqm	690.00	3187800.00	
		Total				**12870357.00**	(B)
					(A+B)	**40636557.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**4470021.27**	(C)
					(A+B+C)	**45106578.27**	
10)		Add for contingencies @ 3% on (A+B+C)				**1353197.35**	
11)		Architect fee 3% on (A+B+C)				**1353197.35**	
12)		Add Furniture @ 10% on (A+B+C)				**4510657.83**	
		Total Amount				**52323630.79**	
		Say Rs.				**5.24 Crores**	

Appendix-03.M
*(B)

PROFORMA ESTIMATE
Sub: Proposed Students Recreation Centre (South Campus)
Proforma estimate based on 2012 plinth area rates.
Plinth area Ground Floor = 1155 Sqm

S.No	Code.No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	1155.00	Sqm	23500.00	27142500.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	1155.00	Sqm	270.00	311850.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	1155.00	Sqm	270.00	311850.00	
						27766200.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 4% on (A)				1110648.00	
b)	3.2	External services connections @ 5% on (A)				1388310.00	
c)	3.3	Internal electric installations @12.5% on (A)				3470775.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				138831.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				138831.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				277662.00	
4)	5.1	Over head tank without independent staging	4000.00	Ltrs	15.00	60000.00	
5)	1.4.1	Fire fighting with wet riser system	1155.00	Sqm	500.00	577500.00	
6)	5.5	Under ground sump	8000.00	Ltrs	15.00	120000.00	
7)	4.1.4	Passenger Lift (8 persons) 544 kg	1.00	each	2400000.00	2400000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		1155x4= 4620 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	4620.00	Sqm	690.00	3187800.00	
		Total				**12870357.00**	(B)
					(A+B)	**40636557.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**4470021.27**	(C)
					(A+B+C)	**45106578.27**	
10)		Add for contingencies @ 3% on (A+B+C)				**1353197.35**	
11)		Architect fee 3% on (A+B+C)				**1353197.35**	
12)		Add Furniture @ 10% on (A+B+C)				**4510657.83**	
		Total Amount				**52323630.79**	
		Say Rs.				**5.24 Crores**	

UNIVERSITY OF HYDERABAD
ENGINEERING DEPARTMENT (UWD)
PROPOSED CONSTRUCTION OF WORKS UNDER EXPANSION AND RENOVATION CATEGORY
PROFORMA ESTIMATES

S.No	Name of work	Amount PHASE-I	
I	Raising of compound wall	6.30	Crores
II	Administration Building	72.11	Crores
III	Warehouse	2.33	Crores
IV	Development works at main entrance gate	4.31	Crores
V	White Topping for existing Roads	16.00	Crores
VI	Renovation of Old Hostels	9.48	Crores
VII	College for Integrated Studies Building	21.56	Crores
VIII	400 students Mens Hostel for College of Integrated stuidies	36.76	Crores
IX	400 Students Womens Hostel for college of Integrated Studies	36.76	Crores
	Total	**205.61**	Crores

Appendix-04.A

PROFORMA ESTIMATE

Sub: Proposed Administration Building

Proforma estimate based on 2012 plinth area rates.

Plinth area for Basement Floor+G.F+F.F+S.F+T.F (3700+4300+4300+4300+300) = 16900 sqm.

S. No	Code No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
a)	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	13200.00	Sqm	23500.00	310200000.00	
2		**EXTRAS FOR**					
(a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	13200.00	Sqm	270.00	3564000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	4300.00	Sqm	270.00	1161000.00	
3		**BASEMENT FLOOR**					
(a)	1.3.1	Floor height 3.35 mtrs with normal water proofing	3700.00	Sqm	19000.00	70300000.00	
		EXTRA FOR BASEMENT WITH					
b)	1.3.2 .1	Every 0.3 mtrs additional height (above 3.35 mtrs)	3700.00	Sqm	2320.00	8584000.00	
					(A)	**393809000.00**	
4)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 15% on (A)				59071350.00	
b)	3.2	External services connections @ 5% on (A)				19690450.00	
c)	3.3	Internal electric installations @12.5% on (A)				49226125.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				1969045.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				1969045.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				3938090.00	
5)	5.1	Over head tank without independent staging	35000.00	Ltrs	15.00	525000.00	
6)	1.4.1	Fire fighting with wet riser system	16900.00	Sqm	500.00	8450000.00	
7)	5.5	Under ground sump	70000.00	Ltrs	15.00	1050000.00	
8)	4.1.4	Passenger Lift (13 persons) 884 kg	3.00	each	2800000.00	8400000.00	
9)	6.0	**DEVELOPMENT OF SITE**					
		4300x4=17200 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	17200.00	Sqm	690.00	11868000.00	
		Total				**166157105.00**	**(B)**
					(A+B)	**559966105.00**	
10)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**61596271.55**	**(C)**
					(A+B+C)	**621562376.55**	
11)		Add for contingencies @ 3% on (A+B+C)				18646871.30	
12)		Architect fee 3% on (A+B+C)				18646871.30	
13)		Furniture for the building @ 10% on				62156237.66	

		(A+B+C)					
		Total Amount				**721012356.80**	
					Say Rs.	**72.11 Crores**	

Appendix-04.B

PROFORMA ESTIMATE

Sub: Proposed 400 Students Men's Hostel PHASE-I

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor + First floor (5750+5750) = 11500 sqm.

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	11500.00	Sqm	16500.00	189750000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	11500.00	Sqm	270.00	3105000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	5750.00	Sqm	270.00	1552500.00	
					(A)	**194407500.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 10% on (A)				19440750.00	
b)	3.2	External services connections @ 5% on (A)				9720375.00	
c)	3.3	Internal electric installations @12.5% on (A)				24300937.50	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				972037.50	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				972037.50	
f)	3.6.7	Extra for Quality assurance @1% on (A)				1944075.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	11500.00	Sqm	500.00	5750000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	4.00	each	2800000.00	11200000.00	
8)	6.0	**Development of site** (5750x4) = 23000 Sqm					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	23000.00	Sqm	690.00	15870000.00	
		Total				**91070212.50**	**(B)**
					(A+B)	**285477712.50**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**31402548.38**	**(C)**
					(A+B+C)	**316880260.88**	
10)		Add for contingencies @ 3% on (A+B+C)				9506407.83	
11)		Architect fee 3% on (A+B+C)				9506407.83	
12)		Furniture for the building @ 10% on (A+B+C)				31688026.09	
		Total Amount				**367581102.62**	
					Say Rs.	**36.76 Crores**	

Appendix-04.C

PROFORMA ESTIMATE

Sub: Proposed 400 Students Women's Hostel PHASE-II

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground floor + First floor (5750+5750) = 11500 sqm.

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)		**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 2.90 m.	11500.00	Sqm	16500.00	189750000.00	
2 (a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 2.90 mt (3.3 - 2.90 = 0.4)x 150/0.3	11500.00	Sqm	270.00	3105000.00	
(b)	1.2.5	Every 0.30 mt. deeper foundations over normal depth of 1.20 metre. (1.50 - 1.20)=0.30	5750.00	Sqm	270.00	1552500.00	
					(A)	**194407500.00**	
3)	3.0	**Services**					
a)	3.1	Internal water supply and sanitary installations @ 10% on (A)				19440750.00	
b)	3.2	External services connections @ 5% on (A)				9720375.00	
c)	3.3	Internal electric installations @12.5% on (A)				24300937.50	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				972037.50	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				972037.50	
f)	3.6.7	Extra for Quality assurance @1% on (A)				1944075.00	
4	5.1	Over head tank without independent staging	20000.00	Ltr	15.00	300000.00	
5)	1.4.1	Fire fighting with wet riser system	11500.00	Sqm	500.00	5750000.00	
6)	5.5	Under ground sump	40000.00	Ltrs	15.00	600000.00	
7)	4.1.4	Passenger Lift (13 persons) 884 kg	4.00	each	2800000.00	11200000.00	
8)	6.0	**Development of site** (5750x4) = 23000 Sqm					
a)	6.1	Levelling @ Rs.95.00 sqm					
b)	6.2	Internal roads & paths @ Rs.145.00 sqm					
c)	6.3	Sewer @ Rs.110.00 sqm					
d)	6.4.1	Filter water supply @ Rs.80.00 sqm					
e)	6.5	Storm water drains @ Rs.85.00 sqm					
f)	6.6	Horticulture operations @ Rs.80 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	23000.00	Sqm	690.00	15870000.00	
		Total				**91070212.50**	**(B)**
					(A+B)	**285477712.50**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**31402548.38**	**(C)**
					(A+B+C)	**316880260.88**	
10)		Add for contingencies @ 3% on (A+B+C)				9506407.83	
11)		Architect fee 3% on (A+B+C)				9506407.83	
12)		Furniture for the building @ 10% on (A+B+C)				31688026.09	
		Total Amount				**367581102.62**	
					Say Rs.	**36.76 Crores**	

Appendix-04.D

PROFORMA ESTIMATE *(B)

Sub: Centrefor Integrated Studies Building

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground Floor = 5000 Sqm

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)	1.0	**R.C.C FRAMED STRUCTURE**					
	1.1	R.C.C. frames structure upto six storeys floor height 3.35m	5000.00	Sqm	23500.00	117500000.00	
2)	1.2	**EXTRAS FOR**					
a)	1.2.3	Every 0.3 mt additional height of floor above normal floor height of 3.50 mt (0.25x150/0.3=125)	5000.00	Sqm	270.00	1350000.00	
b)	1.2.5	Every 0.3 mt deeper foundations over normal plinth height of 1.2 mt (1.50-1.20=0.30)	5000.00	Sqm	270.00	1350000.00	
						120200000.00	(A)
3)	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 4% on (A)				4808000.00	
b)	3.2	External services connections @ 5% on (A)				6010000.00	
c)	3.3	Internal electric installations @12.5% on (A)				15025000.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				601000.00	
e)	3.6.6	Extra for Computer conduiting @ 0.5% on (A)				601000.00	
f)	3.6.7	Extra for Quality assurance @ 1% on (A)				1202000.00	
4)	5.1	Over head tank without independent staging	5000.00	Ltrs	15.00	75000.00	
5)	1.4.1	Fire fighting with wet riser system	5000.00	Sqm	500.00	2500000.00	
6)	5.5	Under ground sump	10000.00	Ltrs	15.00	150000.00	
7)	4.1.4	Passenger Lift (8 persons) 544 kg	1.00	each	2400000.00	2400000.00	
8)	6.0	**DEVELOPMENT OF SITE**					
		5000x4= 20000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	20000.00	Sqm	690.00	13800000.00	
		Total				**47172000.00**	(B)
					(A+B)	**167372000.00**	
9)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**18410920.00**	(C)
					(A+B+C)	**185782920.00**	
10)		Add for contingencies @ 3% on (A+B+C)				**5573487.60**	
11)		Architect fee 3% on (A+B+C)				**5573487.60**	
12)		Add Furniture @ 10% on (A+B+C)				**18578292.00**	
		Total Amount				**215508187.20**	
		Say Rs.				**21.56 Crores**	

Appendix-04.E
*(B)

UNIVERSITY OF HYDERABAD
Civil-III (Raising of Compound wall)
Name of work: Raising of existing compound wall in UoH Campus.

S. No	D.S.R.No.	Description of item	Qty	Unit	Rate	Amount
1	7.8	Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level.				
	7.8.1	Masonry work (first sort), in cement mortar 1:6 (1 cement : 6 coarse sand)	8100.00	cum	5456.35	44196435.00
2	13.33	Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) :				
	13.33.2	Raised and cut pointing	36000.00	sqm	305.70	11005200.00
3	4.10	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5mm nominal size)	9000.00	sqm	263.10	2367900.00
4	16.53	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	20000.00	rmt	255.00	5100000.00
		Total Amount				**62669535.00**
					Say Rs	**6,23,00,000/-**

Appendix-04.F

PROFORMA ESTIMATE

Sub: Proposed approximate renovation of Old Hostels

Estimates based on Plinth area basis as CPWD Maintenance Manual 2009 + Cost Index

Plinth area = 92210 sqm.

			Service Chanrges		Annual Repairs (Civil)		Annual Repairs (Electrical)	
S. No	**Name of the Buildings**	**plinth area of buildings in Sqm**	**Rate**	**Amount**	**Rate**	**Amount**	**Rate**	**Amount**
1	Hostels Buildings	92210.00	122.85	11327998.50	54.49	5024522.90	146.63	13520752.30
Approximate Cost (11327998.50 + 5024522.90 + 13520752.30)							**Rs.**	**29873273.70**
							Say Rs.	**2.99 Crores**

Appendix-04.G

UNIVERSITY OF HYDERABAD

Name of work: White topping for existing roads in UoH Campus.

S. No	Description of item	Qty	Unit	Rate	Amount
1	White topping for existing roads in the campus including providing kerb stones, kerb channels etc. 25,000 x 8 m	200000.00	sqm	800.00	160000000.00
	Total Amount				**160000000.00**
				Say Rs	**16,00,00,000/-**

Appendix-04.H

PROFORMA ESTIMATE *(B)

Sub: Proposed Warehouse for Condemned Assets

Proforma estimate based on 2012 plinth area rates.

Plinth area Ground Floor = 1000 Sqm

S. No	Code. No	Description of Item	Qty	Unit	Rate	Amount	
1)	2.0	**LOADS BEARING CONSTRUCTION**					
	2.1.1	Single storeyed 3.35 mtrs height	1000.00	Sqm	15000.00	15000000.00	
						15000000.00	(A)
20	3.0	**SERVICES**					
a)	3.1	Internal water supply and sanitary installations @ 4% on (A)				600000.00	
b)	3.2	External services connections @ 5% on (A)				750000.00	
c)	3.3	Internal electric installations @12.5% on (A)				1875000.00	
d)	3.6.4	Extra for Telephone conduits @ 0.5% on (A)				75000.00	
3)	5.1	Over head tank without independent staging	6000.00	Ltrs	15.00	90000.00	
4)	6.0	**DEVELOPMENT OF SITE**					
		1000x2=2000 sqm					
a)	6.1	Levelling @ Rs. 95.00 sqm					
b)	6.2	Internal roads & paths @ Rs. 145.00 sqm					
c)	6.3	Sewer @ Rs. 110.00 sqm					
d)	6.4.1	Filter water supply @ Rs. 80.00 sqm					
e)	6.5	Storm water drains @ Rs. 85.00 sqm					
f)	6.6	Horticulture operations @ Rs. 80.00 sqm					
g)	6.7.1	Street lighting @ Rs. 95.00 sqm					
		Rs. 690.00 Sqm	2000.00	Sqm	690.00	1380000.00	
		Total				**4770000.00**	(B)
					(A+B)	**19770000.00**	
5)		Add for cost index (111-100)/100)) i.e. @ 11% on (A+B)				**2174700.00**	(C)
					(A+B+C)	**21944700.00**	
6)		Add for contingencies @ 3% on (A+B+C)				**658341.00**	
7)		Architect fee 3% on (A+B+C)				**658341.00**	
		Total Amount				**23261382.00**	
		Say Rs.				**2.33 Crores**	

Appendix-05

Existing infrastructure

No of Class Rooms	No of Conference Rooms	No of Auditoria	No of Experimental / Research Lab	Library	Office Space	Computer Labs
492	99	17	185	41	188	102

Total Length of the Roads	Length of the Kacha Roads	Length of the B T Roads
40 KM	15 KM	25 KM

Sl. No	Particulars	No.s	Total area (sqm)
1.	Academic Buildings	8	33612.18
2.	Non-Academic Buildings (Central Facilities), like CIL,CMSD,CNF,CC, Health Centre etc	4	7738.50
3.	Residential Buildings (Hostels) type	6	17100.94
4.	Residential Buildings (Quarters for Faculty) type	147	15963.4
5.	Residential Buildings (Quarters non-teaching staff) type (C,D,E Quarters)	136	6782.8
6.	Guest House	1	1115
7.	Guest House (VVIP)	1	956
8.	Visiting Scholars Hostel	1	950
9.	Participant / visitors Hostel	1	1213
10.	Lecturer Hall Complex	3	19287
11.	Amenities Centers	3	1656
12.	Sport Complex	1	1257
13.	Faculty Culb	1	255
14.	**Total Built up area in Sq.mt.**		**107886.8**

Electrical Supply Services

Sl. No	Name of the Sub-Station	Capacity of Sub-Station	No of Diesel Generators	Capacity of Generator
1	C.M.S.D (New)	Stand by DG set	2	500 KVA
2	C.M.S.D (Old)	500 KVA		500 KVA
	Group-II			
3	Chemistry-1	500 KVA	2	500 KVA
4	Chemistry-2	Stand by DG set		500 KVA
5	New Life Sciences-1	1500 KVA	5	500 KVA
6	New Life Sciences-2			500 KVA
7	New Life Sciences-3			500 KVA
8	New Life Sciences-4			250 KVA
9	New Life Sciences-5			250 KVA
10	Domestic Sub-Station-1	315 KVA	2	320 KVA
11	Domestic Sub-Station-2	315 KVA		320 KVA
12	Old Science Complex-1	2 X 500 KVA	2	500 KVA
13	Old Science Complex-2	250 KVA		500 KVA
14	A.I.Lab + C.I.L	315 KVA+500 KVA	1+1	320 KVA+500 KVA
15	B.S.L-3	500 KVA	1	500 KVA
16	Faculty	500 KVA	1	180 KVA
17	S.N.School	Included in Chemistry	1	315 KVA
18	C-Hostel	500 KVA	1	285 KVA
19	Guest House	100 KVA	1	100 KVA
20	Primary	500 KVA	1	100 KVA
21	LH-3 (Zakhir Hussain)	500 KVA	1	125 KVA
	Total		**22**	

Water Supply Services

Sl. No	Name of the Pump House	Water Storage Capacity of Pump House (in Kilo Ltrs)	No of Bore wells	Total no of seawage water treatment plants	Total no of lakes and size	Total no of Check dam
1	Main Pump House	5 lakh	-	5 no.s	6 no.s	6 no.s
2	NRS Hostel	1 lakh	4			
3	NRS Back Side	6000	1			
4	A' Hostel	-	1			
5	Primary S.S	80000	1			
6	LVGH	20000	1			
7	South Campus	4 lakh	1			
8	J K Back side	80000	1			
9	MB Gate - OH	2.5 lakh	-			
10	NRS Hostel - OH	2.5 lakh	-			
11	Old A & B Qtrs Area	50+30=80	2			
12	Ladies Hostel-1 to 5	60000	2			
13	Humanities	20	-			
14	Old Science Complex	80	1			
15	Old Science Complex-OH	2 lakh	-			
16	C,D,E Qtrs OH tank	2 lakh	-			

Central facilities

The central facilities at the University include the Indira Gandhi Memorial Library, Central Instruments Laboratory, Centre for Modelling, Simulation and Design, Computer Centre, UGC Networking Centre in the School of Chemistry, Indoor and Outdoor Sports stadia, a Placement Guidance and Advisory Bureau for students, Central Workshop, Health Centre, UH Campus School, Shopping Complex, Food Court, Guest Houses, etc. All these continued to cater to the needs of the campus community. In addition, the Nature Club, Faculty Club, Ladies' Club, Campus Residents' Welfare and Recreation Club, Non-teaching Officers' Club functioned for the general welfare and recreation of the campus community.

Centre for Modelling Simulation and Design (CMSD)

The University of Hyderabad, having expertise in many of the above areas, fully appreciates the inter-dependence of Science, Engineering and Technology, and launched a uniquely conceived new programme. This initiative was launched through an imaginative programme of the UGC (recognizing the University for its Potential for Excellence) by establishing a designated Centre for such activity (Centre for Modelling, Simulation and Design - CMSD). This programme has been receiving generous support from DST under its FIST program. CMSD aims to nurture cross-disciplinary bridges, which are effective in generating new knowledge and creative explorations. The human resources generated from such eff orts will be invaluable. Training individuals and organizations in specific hardware and software, undertaking of consultancy and turnkey projects, help convert real life phenomena into appropriate mathematical and computational models etc., are some of the important tasks that CMSD has embarked on. This center became operational from its new premises in December 2004. The study of passage from the micro world of atoms and molecules to the macro world of solids, liquid and gases calls for an understanding of a variety of phenomena in Physics, Chemistry, Biology and Engineering Science and technology and related areas. Atomic lasers, molecular computers, drug-receptor interactions, industrial catalysts, lubricants, and industrially important materials form part of this continuum and an understanding of this evolution needs all the three components of research, viz. theory, experiment and computation. Computer-based simulations now form an integral part of modern research methodology and in this era of science-driven-engineering and directed basic research, the role of scientific research based on modelling, simulation and design, is of paramount importance. The primary requisite in using the third avenue of research for solving complex problems is a working, state-of-the-art High Performance Computing (HPC) center. One of the unique academic features of this center is that all the active computational scientists working in widely different academic disciplines in the University campus are associate faculty of the CMSD, and contribute their expertise and experience in furthering its objectives. Some of the research interests of these members include: physics of low dimensional systems, topological defects in fluids in restricted geometries, critical phenomena in complex fluids and magnetic systems, Monte Carlo simulations and development of novel sampling techniques, genomics and bioinformatics protein folding, cognitive neuroscience, computational intelligence, natural language understanding, Very Large Scale Integration (VLSI), quantum chemistry and Density Functional Theory (DFT), molecular modeling, drug design and delivery, design of new materials etc.

Currently, CMSD has approximately 25.0 Terafl op Facility which is fully networked and consists of the following hardware:

COMPUTATIONAL FACILITY

1. 6 SMP systems with total of 192 CPUs [1 x IBM p690 (32 Power 4), 3 x IBM p690 (96 Power 4+), 1 x IBM p595 (64 Power 5)], 1 x IBM p595 (64 Power 5+) @ 2.3 GHz, 512 GBytes of main memory and 4 TBytes of storage.
2. A CDAC PARAM SUN cluster consisting of 16 nodes (each with dual Xeon processors) and 32GB memory.
3. High end workstation such as 6 x SGI Octane 2, 2 x SUN Blade 2000, 6 x IBM intellistations etc.
4. SGI Altix 4700a 128 core (Dual Core, Itanium29150M 1.67 GHz) shared memory architecture based Unix server comprising of 512 GB RAM.
5. SGI Altix ICE 8200 EX Cluster [Enhanced] with 1024 core high performance, high throughput and high availability cluster comprising of 1 GB/core memory, built using Infi niband Interconnect.
6. SGI XE1300, 2 x Quad core @ 3.0GHz, 8 GB RAM, 146 GB HDDA 128 core Windows CCS/HPC Cluster.
7. SGI IS4600 x 2, 100TBytes of shared storage system (FC, SATA) for delivering very demanding data intensive environment, leading to High Performance & Productive Computing Facility, through SGI Altix 450 x 2, 8 core, 48 GB RAM, Montvale 1.67 MHz storage servers.

8. SGI Spectra T120 Library, 2 x LTO Gen-4 Drives scalable to 6, Spectralogic 100 slots and 60 units of Media, a good tape backup system to archive data with time stamping.
9. Management Servers: SGI Altix 250 SERVER x 10 (2U), 2 x Quad core, E5472, 3.00 GHz 1600 FSB, 12MB Cache, 8GB RAM 6 x 145GB SAS HDD/15K.
10. Parallel fi le system to allow bulk I/O operations.
11. 16 No's IBM POWER 7 - 755 Server with total of 512 CPUs - 4 x 8 core 3.3 GHz Power 7 Processor, 2 x 146 GB DASD 128 GB DDR3 RAM.
12. IBM storeWize V7000 based Storage with 60TB RAW Storage Capacity (30 x 2TB Disks)
13. An integrated linux cluster system with 1.0 TeraFlops computing power having all open source compiler and software for training and executing home grown codes.

- To support various application domain areas the following software are deployed on the above hardware:
- 131 Accelrys suite, Gaussian 2003, MOPAC, Relibase+.
- Molpro, ADF, GCG Wisconsin, SPSS, Mathematica, Statistica, GAMS, RATS, Matlab with toolboxes, CFX 5.7, 3D Studio Max iSIGHT Pro, BOS, BEAMPRO, GAMESS, SPARTAN 2003, NAG Fortran SMP Library, Empire 3D V4.2, Ansys Multiphysics, AWR (Microwave Offi ce), Full Wave Sonnet, ArcGIS, ArcMIS, Cadence, ISATIS, TURBOMOL, Image Processing S/W like ERDUS, LABVIEW, Keil etc. VISUALIZATION FACITY
- NVIDIA Quadro FX 5600 Active Stereo Graphics Card o Windows XP Professional o 750GB SATA Disk Drives o 22" LCD Monitor
- SGI Image generator – VN200 system, o DVD Drive, 2xGbE Ethernet, o Two quad-core Intel Xeon E5462 2.8GHz processors o 16GB DDR2 800 REG ECC Memory o NVIDIA Quadro FX 5600 Active Stereo Graphics Card o SLES 10 Linux o 160GB SATA Disk Drives o 22" LCD Monitor
- Christie Mirage HD6 3chip stereo DLP projector and Lens
- Screen - 9ft x 6ft fabric • Crosspoint 450 Plus 84HVA Matrix Switcher RGB for video & Stereo Audio
- Video and Audio interface – Extron RGB 109
- Audio Amplifi er
- NuVision Active Stereo Glasses
- Nuvision Stereo Emitters (mid-range)
- Wireless AMX control system
- CEI Ensight Application Software
- Remote Visualization Software Single User

University Library:

The Indira Gandhi Memorial Library is a central facility providing information support for academic and research activities of the University. The Library was established in the year 1975 and shifted to the present building during 1987, which was inaugurated by His Excellency Dr Shankar Dayal Sharma, the then Vice-President of India and named after Late Prime Minister Indira Gandhi. All the in-house Library Operations are fully computerized including the Web OPAC using the international Library Management Software VTLS, USA. The UGC-INFLIBNET has identified the Library as one of the 26 JCCC- UGC INFONET document delivery centers in India for providing photo copies of journal articles to the research scholars of other Universities. Since 1990, the Library has achieved several distinctions in the country as following:

The IGM Library is the first University Library to computerize all in-house operations. The first Library to take up turnkey projects to computerize other Libraries (Dr. B.R. Ambedkar Open University, A.P., and City Central Library, Hyderabad, A.P.) The first University Library to start PGDLAN Course under Centre for Distance & Virtual Learning Education mode since 1998. The first University Library to subscribe nearly 35,000 Electronic Journals covering 47 databases. National Board of Higher Mathematics (NBHM) has identified this Library as Regional Library for Southern Region. The first University Library to establish a Centre of competency in digital libraries and e-learning with the assistance from SUN Micro systems and UGC. The first University Library to install 3M Security Gate to arrest book thefts. The fi rst University Library to become a governing council member of OCLC, USA. The first University Library to install 100 KV solar power system.

The Library is being managed by the University Librarian assisted by 3 Dy. Librarians, 2 Asst. Librarians, 1 Documentation officer, 27 Professionals and also 15 supporting staff . The Library is kept open from 8 a.m. to 12.00 mid-night on week days, 8 am to 2 am during semester exams period and 9 a.m. to 5.30 p.m., on Saturdays, Sundays and other Holidays and 8 a.m to 8 p.m. during summer/winter vacation.

Library collection: The Library has rich collection of over 4.3 lakh books, e-journals, e-books, reference books, serials, Theses & Dissertations, back volumes of journals, maps etc. The Library has over 2500 Braille books for visually challenged students and separate book bank for SC/ST students. During the financial year 2016-17, the Library acquired 3310 books by spending Rs. 56.13 lakhs. Apart from this, the Library has received 642 books as gift from various sources worth approximately Rs.3.39 lakhs. The Library is subscribing to 254 print journals and 40,000 Online Journals covering 48 databases including MHRD e-Shodh-Sindhu consortia.

Computerization: The Library has excellent IT infrastructure to manage all in-house operations as well as to provide specialized information services to the faculty and students over the Campus network. The hardware consists of IBM servers, storage devices, ZEUTSCHEL book scanners, hand-held laser scanners, laser printers and 90 PCs. The Library is using VIRTUA application software and operating systems like SOLARIS, UNIX/LINUX, WINDOWS XP and WINDOWS-7. The Library uses barcode scanners for issue, return and renewal of books for accuracy and efficiency. 24 PCs are placed at the entrance Lobby for OPAC, e-mail and internet browsing. Similarly, 8 PCs are kept in the Library reading halls exclusively for searching book databases. The Library is connected to the Campus Network through 100 mbps optical fi ber channel. The Library resources can be searched over the internet through OPAC. The Library is enabled with WI-FI connectivity for the use of laptops.

Digital Library: The IGM Library has established a model digital Library by signing MoUs with SUN Micro Systems and VTLS, USA. Under these MoUs, a Centre of Competency in Digital libraries and e-learning was established to undertake R & D activities by using Open Source Software and to create digital content in the University. Currently this facility is being used for conducting hands on training and practical classes for PGDLAN students. The Library is also a member of Universal digital library project of Carnegie-Melon University, Pittsburg, USA (Million books to the Web). Under this project, a scanning centre was established in the Library to digitize rare books. The Library has signed MoU with UGC-INFLIBNET Centre, Ahmedabad, to digitize and upload full-text Ph.D. theses submitted to University of Hyderabad. Already 1240 Ph.D. these were digitized and uploaded to UGC-INFLIBNET Shodhganga project. The Library is also making eff orts to digitize the remaining theses and upload to Shodhganga Project under special grants provided for this purpose by INFLIBNET.

Readers Services: The Circulation Services shows a transaction log of 1,10,000 issues, returns and renewals pertaining to the year 2016-17. Around 2000 scholars from other Universities and research laboratories visited the library for reference. The inter-library loan requests of the students, research scholars and faculty are being fully met with close cooperation from other libraries. The Library has supplied 422 articles under the Document Delivery Service to research scholars of other Universities. Library is regularly conducting orientation/awareness programme for the newly joined students to familiarize them with the library services, resource and rules. The Library is also conducting orientation programmes on research methodology for social science research scholars. The website is meticulously designed with several e-resources which are helpful to the library user community.

Institutional membership: Five Research and Development Centers & Corporate organizations have enrolled/renewed themselves as institutional members by paying the prescribed annual membership fee, to make use of the Library resources and facilities.

Reprography services: The IGM Library provides reprography (photocopying) service inside the Library to all its members. A private fi rm has been engaged for this service during the working hours to all the library users at a nominal charge of Rs.0.60 ps. On an average, 4,500 photocopies are taken out every day.

Facilities for the visually challenged: Visually challenged students have access to library resources through 5 multimedia PCs with JAWS and KURZWEIL speech synthesizer software, which enables to read-out the documents placed on the scanner. In addition, two workstations with Zoomex, readers are added to scan and convert image into text on the screen to enable the students to hear and also save the text. This facility is extensively used by the visually challenged students to read and print without anyone's help. A separate Braille printer is provided for printing regular text in Braille script.

Air-conditioned 24 x 7 Reading Halls: The IGM Library has two separate reading halls adjacent to the library, which are fully air-conditioned and being kept open round the Clock through-out the year. Students can bring their personal books, issued books from the Library and study in these halls without any disturbance. These

reading halls have the capacity to accommodate 200 students at a time, and it is being used extensively. The reading halls are enabled with wireless network points, where students can search/browse e-journals subscribed by the library from their Laptops.

PG Diploma in Library Automation and Networking: The IGM Library under the University's Centre for Distance and Virtual Learning Started a highly focused one year course – PG Diploma in Library Automation and Networking (PGDLAN) in January, 1998. This course is the fi rst of its kind in the country, where a University Library is conducting an advanced level course under Distance Education mode. About 50-80 students are admitted every year.

Central Instrumental Laboratory (CIL)

Central Instrumental Laboratory (CIL) holding the distinction of FIRST building to come up in the vast university campus in 1979, the Central Instruments Laboratory (CIL) is a centralized instruments facility with the state-of-the-art analytical equipment to cater to the research needs of Science/Engineering/Medicine schools of the university. CIL has been playing a crucial role of providing the instruments support to the research fraternity of the university. The list of instruments at CIL covers a broad range research fields viz., microscopy, diffraction based instruments (Spectrometers), thermal and magnetic property measurements.

The list of instruments are:

1. Scanning Electron Microscope (SEM) with Energy Dispersive Spectrometer (EDAX),
2. Confocal Microscope (CFM),
3. Powder X-Ray Diffractometer (XRD),
4. Vibrating Sample Magnetometer (VSM),
5. Electron Spin Resonance Spectrometer (ESR),
6. Differential Scanning Calorimeter (DSC),
7. Thermogravitometer-DTA (TG-DTA),
8. Circular Dichroism (CD) Spectrometer.

CIL offers educational visits to the participants of short/long term courses conducted at science schools of the university and the Academic Science College. The CIL staff has also been sharing their experiences in the academic program of the university by off ering lectures in Analytical Instrumentation (Ph.D.), Environmental Studies (I.M.Sc.). The areas of specialization of the staff at the CIL include Mass Spectrometry (lab-based and space-borne), Radiation Spectroscopy (X-Ray, UV-VIS-IR), Microscopy, Advanced Electronics, Design and Development of Microprocessor and Microcontroller – based Systems, Embedded Systems, Instrumentation aspects of Planetary and Space Sciences.

The Computer Centre

The Computer Centre was established in 1985 to facilitate, foster, and support the essential teaching and research goals of University of Hyderabad through the deployment and delivery of computing and communication services to the university's faculty, staff , and students. As part of teaching process, students have access to computers for their course or project work. Its facilities are also used in work related to administration such as recruitment, academic, examinations, finance etc. In 1993, ERNET selected University of Hyderabad to be one of the transit nodes for Internet connectivity with a narrow bandwidth of 9.6 Kbps. It was made operational through VSAT dish antennae. This transit node at the computer centre provided Email/Internet services to educational and research organizations in Andhra Pradesh such as IDRBT, NFC, DMRL etc. Further 128 Kbps microwave and 2 Mbps backbone links were established in the year 2000, 2001 respectively. UGC funds allocated in the year 2000, was utilized to increase the number of terminal points available to users. The UGC grant allocated in the year 2001 helped establish the1 Gbps structured SM fiber optic network for the university. Further this expanded as a 2 Mbps point-to-point leased line between UOH and IDRBT, 2 Mbps UOH - Infosys (Hyderabad) – Bangalore leased line, and128 Kbps ISDN line. In the year 2006, the bandwidth available to the university was enhanced to 4 Mbps. All residential buildings, hostels, and upcoming buildings were connected to the backbone network. Fourteen Wi-Fi towers were erected at diff erent locations to create wireless hotspots. Consequently, the bandwidth was upgraded to 1 Gbps. A new email server was installed, and user authentication services were made operational. With the expansion of the computing activities into different horizons the university distributed the staff at computer centre to various places such as A.I. Lab, CMSD, Campus Network Facility, Admin Computer Centre, F&A Computer Centre, Automated admission office, Centre for Integrated Studies at South Campus and other Schools/ Centers to tap

their inherent potential. The Centre is equipped with Pentium systems, Colour and Black/White Laser printers, Cannon IR 2530 xerox cum printer, Scanners, CD writer etc. Ten i3 Systems with LINUX/Windows 8 operating system have been earmarked for training/workshops. The computer centre has also installed 7 surveillance cameras inside the centre for monitoring purpose. The Centre has facilities for Programming, Word processing and execution of various other tasks in addition to Internet/E-mail that benefit users. The centre is open 24 hours except on holidays.

Training and Development Activities: The Computer centre has undertaken training for all sections of the University. It has decided to make use of open source software in the campus. It has trained 108 staff in the current academic year.

Computer Network Facility (CNF)

CNF is responsible for the management, operation and support of the campus network and coordinates the design, long-range planning and procurement of a broad range of network services and accessories. The campus network covers about 10,000 LAN ports. The Campus Network consists of high-speed connectivity over OFC backbone. The backbone spans to 40 distribution nodes and other Campus buildings. For easier management, the campus network is made into more than 80 subnets divided into 8 segments covering all the administration, academic, hostels and campus quarters. It also presently has some wireless facility at public places.

In addition, CNF has undertaken MHRD wireless project to provide wireless facility throughout the campus. Under NKN programme CNF is facilitating 2 Gbps Internet bandwidth to users for academic usages. Net facility for all the faculty quarters inside the campus is being provided with a secure connectivity along with the existing ADSL Modem facility.

CNF strives for secured and uninterrupted Internet Services, Now, NETASQ UTM provides necessary security services including intrusion prevention, content filtering and URL filtering. However, the security concern is increasing day by day.

The CNF has network devices such as Allied Telesis Core, Distribution and Access Level Switches, Cisco & Dlink routers, Cisco Core Switch, Cisco Distribution Switches, Netasq-UTM(HA Mode), Fluke Network Tools, Cisco, Ruckus & Dlink Wi-Fi access points and towers, Dlink DSLAMs and ADSL Modems, DNS and DHCP Servers, Security System Servers, a JMS based mail server etc.

CNF has rolled out Student Network Support Service where in the students are selected from on the basis of Internal technical written test followed by technical interview. Those who are selected are trained by the CNF Staff to trouble shoot the problems during non-working hours and holidays faced in different hostels. This scheme facilitates students to build their networking skills and gives them hands on exposure.

University Health Centre

The University has a Health Centre in the Campus with three Chief Medical Officers and one Medical Officer with supporting staff . The health centre runs 24 hours round the clock with out patient and in patient facility and emergency services. Health centre providing the facility to the beneficiaries of the university to avail general routine medicines in addition to these chronic element disease medicines issued without limitations. It has twelve beds to provide inpatient services. It has X-ray unit with advanced digital x ray machine with low radiation and high resolution with good clarity, image zooming in less time with patient data storage capacity. Laboratory has advanced investigation equipment which can perform routine blood test, stool tests, urine tests like Microbiology, pathological, bio-chemistry tests). Semi auto analyzer, cell counter and binocular microscopy, with this machine result more accurate in less time. Health centre emergency ward has advanced E.C.G machine and which can store the patient data with electronic reporting less time consuming facility. Health centre has consultant facility of Physiotherapist. Health centre has round the clock ambulance service in addition to this government of Andhra Pradesh provided 108 services also available. The Health Centre mainly caters to the needs of the students and Campus residents and people residing in and around the university campus, pensioner their spouse and various non-entitled people, servant quarter residents, Outsource staff KV staff and Campus school staff and Students. The University also reimburses expenditure incurred by the beneficiaries of university towards treatment of self and family members subject to the limitations prescribed

by the University because average age of most of the employees is 50 years and above, they and their dependents need medical facilities for Out-patient and In-patient treatments.

Health centre introduced medical insurance scheme to student's w.e.f. 01.10.2008 which covers inpatient treatment cost up Rs.75,000/- and outpatient up to Rs.1500/-and it also covers personal accident covers limit up to (5) Five lakh. This medical insurance covers for 5000 students (approx).

Physical Education and Sports

Promoting Physical wellness and health is the main motive of the department and it strives to achieve the same with all possible means. The department promotes this culture by encouraging the students and various student groups to organise sports and other physical activity events very regularly. The department provides support and help to any voluntary group which aims to promote physical culture in the campus. There are groups like runners group, cyclists group, walkathon group etc. The university believes in the development of infrastructure upon which the physical activities can be promoted, hence the university is keen in developing excellent infrastructure in physical education and sports area.

At present the university has three different sports complexes. One is new sports complex, another one is Yoga centre complex and the third one is South campus sports complex. The new sports complex has a multipurpose open stadium with 400 meters standard track facility. There is an indoor stadium with maple wooden flooring for dedicated Badminton activity. A state of the art fitness centre is also situated in the new sports complex with excellent fitness equipment at the centre. Recently, one excellent indoor sports centre been established, which houses Table Tennis, Carroms, Chess etc. exclusively. At the Yoga centre complex, there is a dedicated and well maintained football fi eld, along with an exclusive Yoga Centre, which is another indoor stadium. In this complex, synthetic tennis courts complex also been created last year and this is of international quality. Recently two Kabaddi courts have been developed for the students. South campus sports complex has a synthetic basketball court and two synthetic volley ball courts with flood light facility. The university has developed a state of the art fitness center, funded by UGC under Scheme for sports infrastructure development. Four Yonex badminton courts are in the indoor stadium. This way the University of Hyderabad is having very excellent infrastructure in sports and games and is still keen to develop more infrastructures in the coming years to encourage the physical activity culture in the university.

The following programs organized by the department during the last year for the sake of the university community:

Several internal competitions and tournaments were organized by both the physical education department and by the student activity clubs like Night Football cup, Night Cricket cup, Night Volleyball cup, Night Kabaddi cup etc. where in several hundreds of students participated including huge numbers of women students. Inter university tournaments participation was highly encouraging this year, especially Basketball team and Women Badminton teams fare well.

Several coaching camps were organized in various games and sports disciplines for the inter university teams and for general students. Regular running coaching is provided in the centre with proper supervision. Wellness talks were arranged at the centre for the benefit of the students and university community. Yoga programs are offered at the yoga centre regularly, both in general yoga and therapeutic yoga. Special consultation for physical health is a specialty in this centre. Special coaching facility for Tennis and Karate is available at the centre for the university community.

On the whole the facilities with respect to the physical education, sports and games are very excellent and motivating.

Part-1: VII – Financial Plan

a. Existing Resources and Expenditure:

Sl No	Particulars	Specify the name of the Funding Body from where the funds are being received (Ministry of Central Govt. / State Govt./ UGC / other agencies of the Govt.)	Grant / Funds Received during the Financial Year (Rs. in crore)					Average of last five years
			2013-14	2014-15	2015-16	2016-17	2017-18 (up to 9/17)	
1.	Funds received from Central Government	UGC	**184.85**	**175.87**	**199.62**	**208.73**	**116.98**	**196.9**
2.	Funds received from State Government		-	-	-	-	-	**0**
3.	Fees collected from Student (Indian)	Fee from students	**5.10**	**6.39**	**4.36**	**6.06**	**4.80**	**5.94**
4.	Fees collected from Foreign student (if any)		-	-	-	-	-	**0**
5.	Interest from corpus fund, if any		-	-	-	-	-	**0**
6.	Earning from consultancy		-	-	-	-	-	**0.17**
7.	Resource Mobilization by the university International Funding		-	-	-	-	-	**0**
8.	Project based funding National and International Industry funding	DST,DBT, CSIR, ICSSR ICMR, DRDO etc.	**58.48**	**79.05**	**116.18**	**62.81**	**58.17**	**83.26**
9.	Industry funding		-	-	-	-	-	**0**
10.	Donations		-	-	-	-	-	**0**
11.	Support from alumni:		-	-	-	-	-	**0**
12.	Other earnings from training, workshops, etc:		-	-	-	-	-	**0**
13.	Other (please specify):	Interest earned	**4.57**	**3.59**	**4.72**	**3.97**	**1.91**	**8.98**
14.	Additional grant interest earned on Development accounts funds		**5.59**	**5.25**	**3.07**	**7.73**	-	**5.41**
	Total (Rs. in Crores)		**258.59**	**270.15**	**327.95**	**289.3**	**181.86**	**300.66**

Part-1: VII – Financial Plan

b. Existing Expenditure: (Academic, Administrative & Research Activities)

ACADEMIC

Revenue Expenditure (Rs. In Crore)						Capital Expenditure (Rs. In Crore)*					
2013-14	2014-15	2015-16	2016-17	2017-18 Up to 9/17	Average	2013-14	2014-15	2015-16	2016-17	2017-18 Up to 9/17	Average
13.06	11.92	11.02	11.06	3.41	11.21	35.12	27.92	22.25	38.05	11.21	29.9
Total : 50.47						Total : 134.55					
Grand Total of Academic Expenditure : 185.02											

* Inclusive of Admn.(bifurcation is not available)

ADMINISTRATIVE

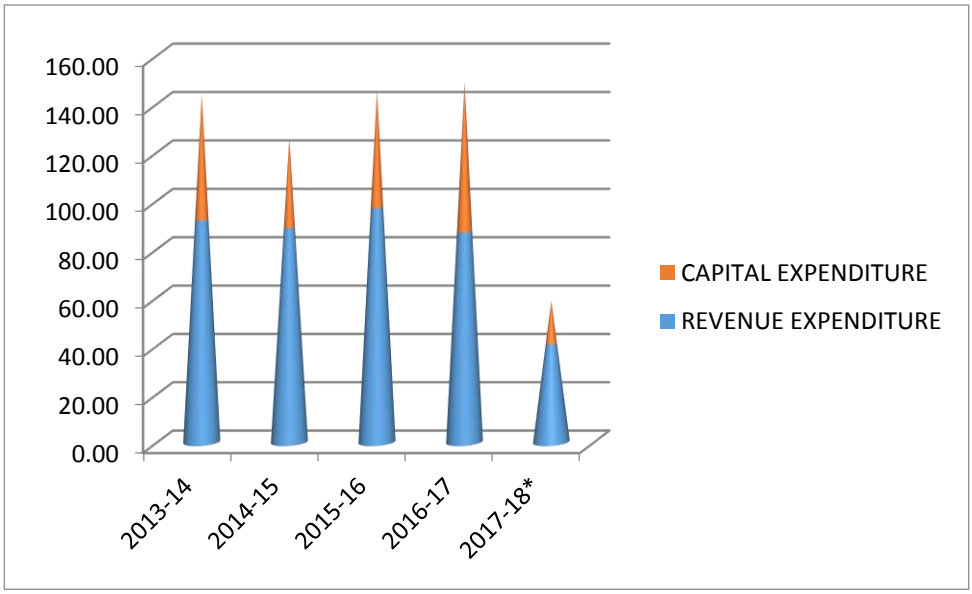
Revenue Expenditure (Rs. In Crore)						Capital Expenditure (Rs. In Crore)					
2013-14	2014-15	2015-16	2016-17	2017-18 Up to 9/17	Average	2013-14	2014-15	2015-16	2016-17	2017-18 Up to 9/17	Average
29.50	23.34	24.18	23.59	10.50	24.69	-	-	-	-	-	-
Total : 111.11						Total : NIL					
Grand Total of Administrative Expenditure : 111.11											

RESEARCH ACTIVITIES

Revenue Expenditure (Rs. In Crore)						Capital Expenditure (Rs. In Crore)					
2013-14	2014-15	2015-16	2016-17	2017-18 Up to 9/17	Average	2013-14	2014-15	2015-16	2016-17	2017-18 Up to 9/17	Average
49.56	53.59	61.99	52.62	26.92	54.37	16.81	9.18	26.21	23.34	6.58	18.24
Total : 244.68						Total : 82.12					
Grand Total of Research Activities : 326.80											

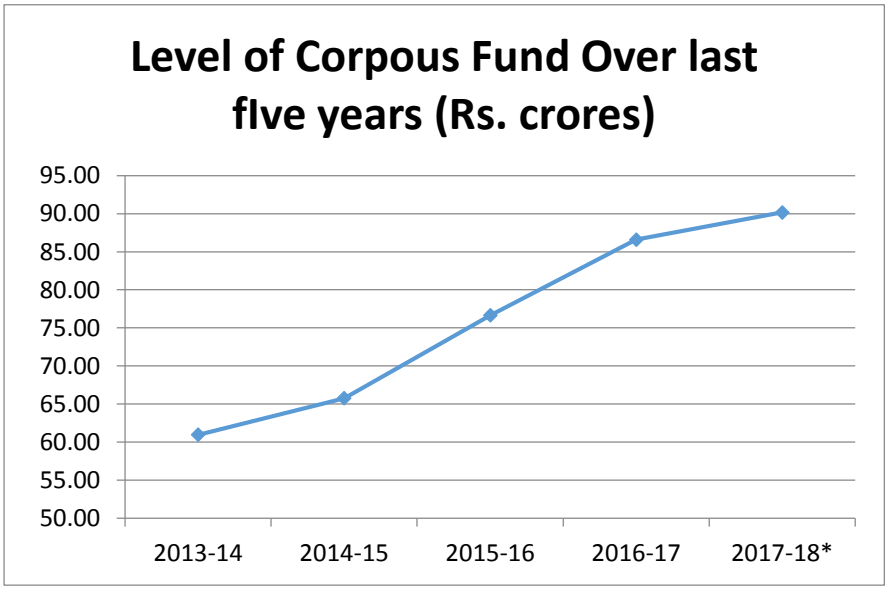
	Revenue Expenditure	Capital Expenditure	Total
Academic	50.47	134.55	185.02
Administrative	111.11	0.0	111.11
Research Activities	244.68	82.12	326.8
Total	406.26	216.67	622.93

Part-1: VII – Financial Plan



c. Corpus Fund of Last five years

Year	Opening balance	Additions during the year	Closing balance
2013-14	54.47	6.48	**60.95**
2014-15	60.95	4.81	**65.76**
2015-16	65.76	10.88	**76.64**
2016-17	76.64	9.95	**86.59**
2017-18	86.59	3.58 (up to Sep-2017)	**90.17**
Total		**90.17 (up to Sep-2017)**	



Part-1: VII – Financial Plan

REVENUE EXPENDITURE

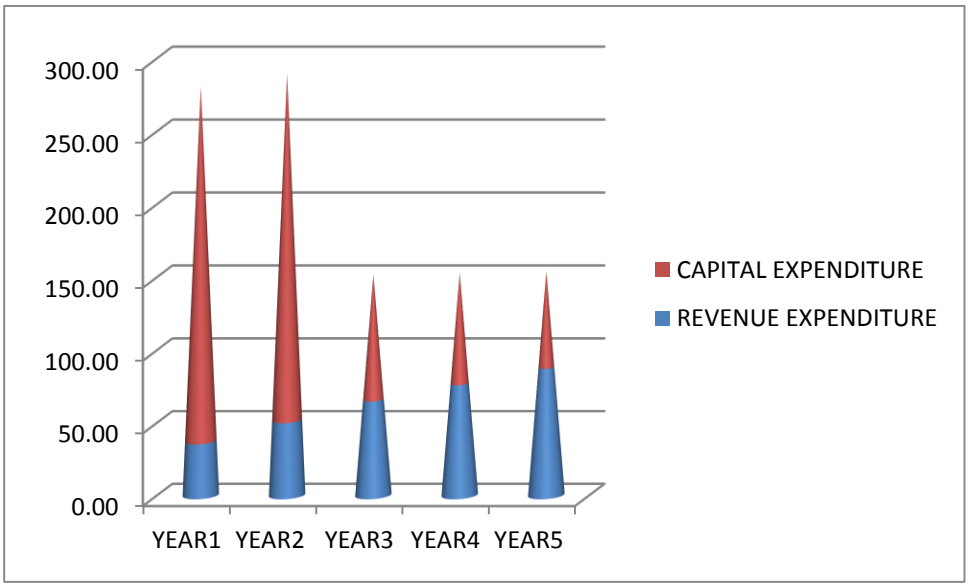
	YEAR1	YEAR2	YEAR3	YEAR4	YEAR5	Total
Academic	5.00	13.00	23.00	33.00	43.00	117.00
Administrative	2.40	4.22	5.81	6.39	7.03	25.85
Research	29.96	34.54	37.08	37.51	37.99	177.07
Total	***37.36***	***51.76***	***65.88***	***76.90***	***88.02***	***319.92***

CAPITAL EXPENDITURE

	YEAR1	YEAR2	YEAR3	YEAR4	YEAR5	Total
Academic	168.42	126.32	42.11	42.11	42.11	421.05
Administrative	54.59	40.94	13.65	13.65	13.65	136.48
Research	20.00	70.00	30.00	20.00	10.00	150.00
Total	***243.01***	***237.26***	***85.75***	***75.75***	***65.75***	***707.53***

CONSOLIDATE PLANNED EXPENDITURE

Revenue Total	***37.36***	***51.76***	***65.88***	***76.90***	***88.02***	***319.92***
Capital Total	***243.01***	***237.26***	***85.75***	***75.75***	***65.75***	***707.53***
Grand Total	**280.37**	**289.02**	**151.64**	**152.65**	**153.77**	**1 027.45**



Part-1: VII – Financial Plan

REVENUE EXPENDITURE

	Average	Yearly	Expenditure	Years(6-10)		
Academic		26.91				
Administrative		82.22				
Research		40.73				
Total		***149.85***				

CAPITAL EXPENDITURE

	Average	Yearly	Expenditure	Years(6-10)		
Academic		30.00				
Administrative		10.00				
Research		50.00				
Total		***160.00***				
TOTAL EXPENDITURE		**309.85**				

The first five years' average expenditure under the three heads has been taken with a 15% increase for Academic Revenue expenditure.

Similarly for administrative expenditure the last year's average with a 15% increment is taken as the average expenditure beyond five years.

In addition to this 10-11% of the capital created including building and equipments in the first five years is taken as yearly expenditure towards maintenance of these assets.

The average research expenses is also expected to increase by 15% of the last five years' average.
The total faculty recruitment will be to the extent of 350 in the last 10 years of IoE. UoH intends to recruit about

130 Faculty each in the next two five year blocks. In each five year block about 62 faculty positions will be filled from vacancies arising

Out of retirement from the sanctioned faculty positions and the rest will be hired as fresh IoE faculty.
Our plan assumes funding for our sanctioned faculty strength of 572 from the Govt. of India for this ten year period.

Part-1: VII – Financial Plan

Proposed Corpus Fund if any (In Crore):

Year	YEAR1	YEAR2	YEAR3	YEAR4	YEAR5	Closing Balance by end of Year 5
Proposed Corpus	90.17	99.19	114.07	134.60	161.52	161.52
Growth rate assumed accounting for interest and additional contributions to Corpus fund		10.00	15.00	18.00	20.00	

Note: The closing balance of 2017-18 is taken as the initial value and the assumed growth rates are applied to project the increase in corpus fund for the first five years of IoE.

Year	YEAR6	YEAR7	YEAR8	YEAR9	YEAR10	Closing Balance by end of Year 10
Proposed Corpus	161.52	177.67	204.32	241.10	289.32	289.32
Growth rate assumed accounting for interest and additional contributions to Corpus fund		10.00	15.00	18.00	20.00	

Note: The projected closing balance of YEAR 6 i.e. 2022 is taken and the assumed growth rates are applied to Project further increase in corpus fund.

Part-1: VII – Financial Plan

Expected Resources (for 1st Five Years) In Crore:

Sl No	Particulars	YEAR1	YEAR2	YEAR3	YEAR4	YEAR5	Total
1.	Expected funds received from Central Government- UGC	200.00	200.00	200.00	200.00	200.00	1 000.00
2.	Expected funds received from State Government						
3	Fees collected from domestic Students(3a+3b+3c)	10.00	11.23	11.89	12.61	13.41	53.76
4	Fees collected from Foreign students	3.60	3.86	4.15	4.46	4.81	10.28
5	Interest from corpus fund, if any	9.00	9.72	10.50	11.34	12.24	43.80
6	Earning from consultancy	2.00	2.20	2.42	2.66	2.93	10.21
7	Support from alumni:	0.50	1.00	2.00	3.00	5.00	11.00
8	Project based funding	70.00	77.00	84.70	93.17	102.49	357.36
9	International funding	1.00	2.00	5.00	7.00	10.00	24.00
10	Donations	2.00	4.00	6.00	9.00	11.00	30.00
11	Other earnings from training, workshops, etc:	0.52	0.57	0.57	0.57	0.57	2.29
12	Technology,Industrial Liason and Enterpreneurship Unit	5.00	5.50	6.05	6.66	7.32	25.53
	Total	**317.22**	**332.16**	**349.30**	**367.54**	**387.98**	**1 632.26**

Details of Domestic fee

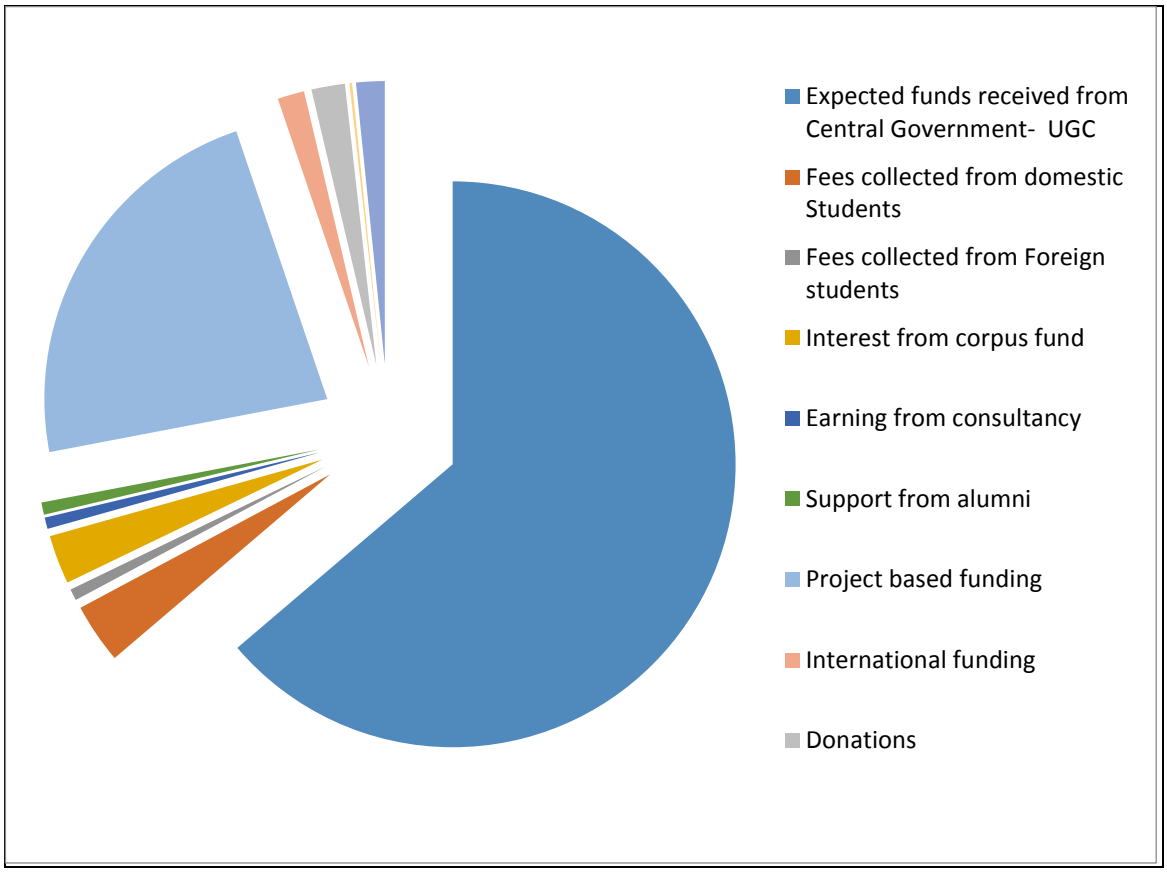
3a	Fees collected from Student (Indian)-Existing programmes	6.00	6.60	7.26	7.99	8.78	30.63
3b	Fees collected from Indian students (new programmes unde IoE)	4.00	4.00	4.00	4.00	4.00	20.00
3c	Fees expected from Centre for Distance and Virtual Learning	0.625.	0.63	0.63	0.63	0.63	3.13

Part-1: VII – Financial Plan

Details of Foreign Fee

4a	Fees collected from Foreign student (Existing programmes)	0.60	0.66	0.73	0.80	0.88	3.06
4b	Fees collected from Foreign student (new programmes unde IoE)	1.00	1.00	1.00	1.00	1.00	4.00
4c	Study India Programme	2.00	2.20	2.42	2.66	2.93	3.22

Expected Resources(for 1st Five Years) In Crore :



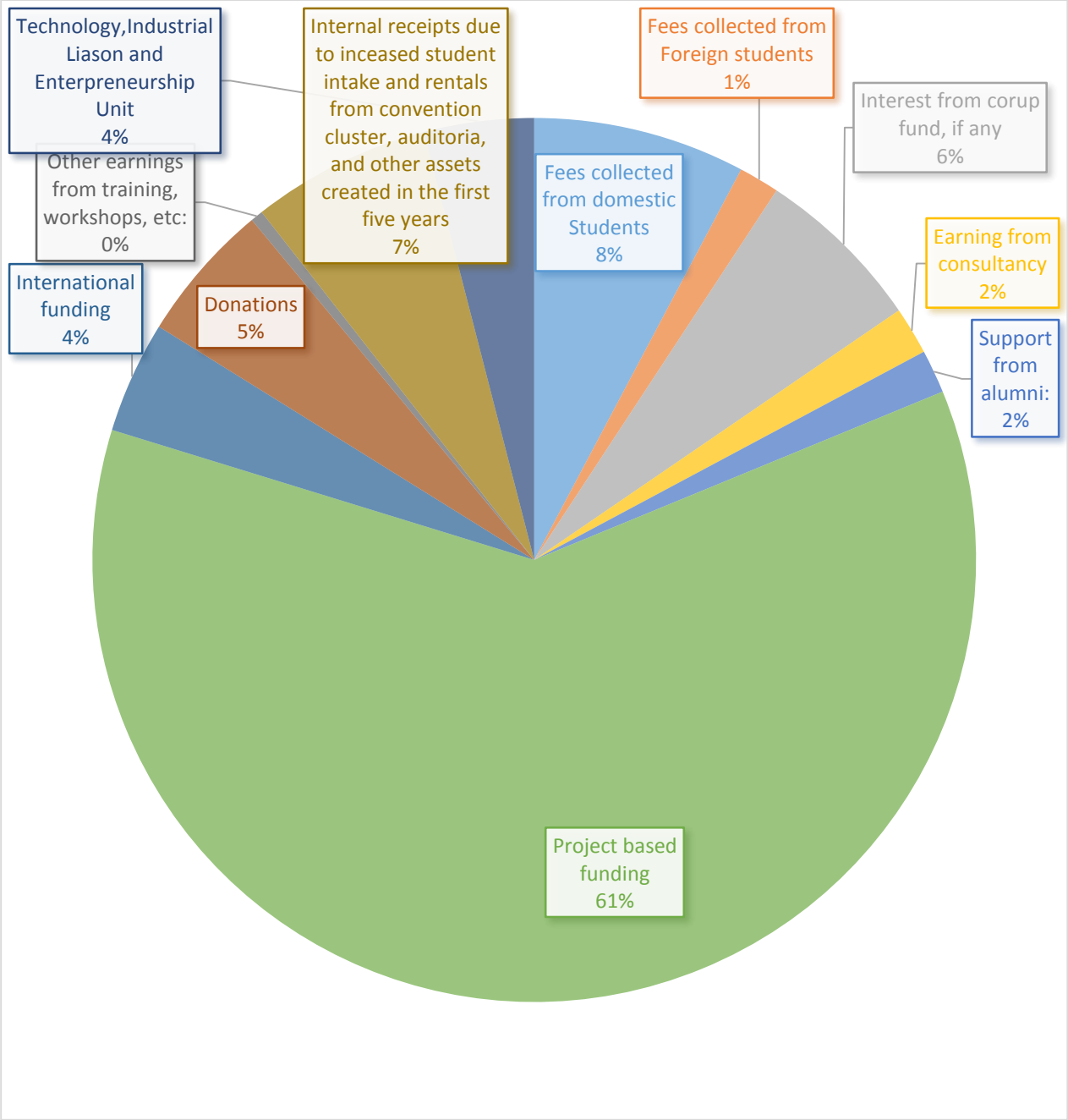
Part-1: VII – Financial Plan

Expected yearly Financial Resources
(beyond five years when funding ceases to exist under the scheme) (In Crore):-

Sl. No	Particulars	Total of First Five Years Resources	Average of First Five Years Resources	Expected Average Yearly resource beyond five years	Growth rate assumed (%)
1	Fees collected from domestic Students	53.76	10.75112	11.82623	10
2	Fees collected from Foreign students	10.28	2.056816	2.262498	10
3	Interest from corpus fund, if any	43.80	8.759881728	9.460672	8
4	Earning from consultancy	10.21	2.04204	2.654652	30
5	Support from alumni:	11.00	2.2	2.42	10
6	Project based funding	357.36	71.4714	92.91282	30
7	International funding	24.00	4.8	6.24	30
8	Donations	30.00	6	7.8	30
9	Other earnings from training, workshops, etc:	2.65	0.5309304	0.69021	30
10	Internal receipts due to inceased student intake and rentals from convention cluster, auditoria, and other assets created in the first five years	0.00	0	10	
11	Technology,Industrial Liason and Enterpreneurship Unit	25.53	5.1051	6.12612	20
	Total	**632.63**	**126.53**	**152.39**	

Part-1: VII – Financial Plan

Expected Yearly Financial Resources Beyond Five Years



Part-1: VII – Financial Plan

Rationale and assumptions underlying Revenue Expenditure Projections

1. The projections are primarily done keeping in view the new IoE faculty to be recruited and new intake of students for the proposed programmes. The expenditure on the faculty and no-teaching employee on roll is also separately projected. For the salary component of staff on roll a 3% annual increment is assumed and accordingly annual projections are made.

2. Using the last financial year's expenses as the base the per faculty administrative support expenses has been calculated on salary of administrative staff and other non-salary administrative expenses for the first year of IoE. The non-salary component of the Administrative expenditure as classified at present includes items such as Rent, Rate, Taxes, Electricity charges, Water charges, Insurance, Communications, legal expenses, Meeting expenses, Transportation, and other miscellaneous expenses. The per faculty salary and non-salary administrative expenditure per year works out to be Rs.0.07 Cr and Rs.0.17 Cr. Accordingly the year wise total administrative expenditure has been worked out and an increment of 5% is assumed. This will also include a separate IoE cell to administer and monitor the IoE project.

3. The total Sanctioned Strength of Faculty for UoH is 572. We plan to have 15% of this strength to be IoE faculty i.e. 86. Out of 86, 10-15% of members of faculty on roll may move as IoE faculty and another 10% will be recruited from foreign countries. The rest of the IoE faculty will be selected from India. The compensation package including salary and other perquisites on an average will be fixed at INR 0.5 Cr per annum per faculty member. All the appointments will be for a fixed tenure on flexible IoE terms and conditions to be decided by UoH.

4. Each IoE faculty will be given a Professional Development Allowance(PDA) of Rs.20 lakhs for the five year period to set up labs, research groups, travel, grant applications etc.

5. For faculty on roll PDA will be given @Rs0.05 Cr per year. The number of faculty is taken as 300 keeping in view retirements. The per year grant works out to be 300x0.05Cr=Rs15 Cr.

6. Sixty Technical staff for five major science schools paid at Rs.0.06 Cr per annum per staff works out to total Rs. 3.6 Cr per annum.

7. Fellowships/HalftimeResearch/Teaching Assistantships: Projected @Rs.35,000/- per student and for 2 students per IoE faculty recruited. This support will be for first four years and after that the faculty will raise resources from projects/research grants etc. for the remaining students in their tenure in the university.

Rationale and assumptions underlying Capital Expenditure Projections

The inputs from the infrastructure subcommittee are used and the proposed buildings/facilities are classified as Academic/Administrative capital to be created in the first five years. The total estimate for each of these capital is allocated to the first five years assigning a declining weight over the five years i.e. from 40% to 10%. Under research capital the allocation of Rs150.00 Cr is towards procurement and installation of new equipment for all 13 schools of the university.

The Gazette of India
Notification
Dated : September, 3, 1974, Tuesday, New Delhi

University of Hyderabad Act, 1974
No. 39 of 1974
[3rd September, 1974]

Human Resource Section

रजिस्ट्री सं० डी-(डी)-72 REGISTERED No. D-(D)-72

Annexure-07 University of Hyderabad Establishment Act

भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग II—खण्ड 1
PART II—Section 1
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 61] नई दिल्ली, मंगलवार, सितम्बर 3, 1974/भाद्र 12, 1896
No. 61] NEW DELHI, TUESDAY, SEPTEMBER 3, 1974/BHADRA 12, 1896

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

MINISTRY OF LAW, JUSTICE AND COMPANY AFFAIRS
(Legislative Department)

New Delhi, the 3rd September, 1974/Bhadra 12, 1896 (Saka)

The following Act of Parliament received the assent of the President on the 3rd September, 1974, and is hereby published for general information:—

THE UNIVERSITY OF HYDERABAD ACT, 1974
No. 39 OF 1974

[*3rd September, 1974*]

An Act to establish and incorporate a teaching University in the State of Andhra Pradesh and to provide for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Twenty-fifth Year of the Republic of India as follows:—

Short title and commencement.

1. (1) This Act may be called the University of Hyderabad Act, 1974.

(2) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint.

Definitions.

2. In this Act, and in all Statutes made hereunder, unless the context otherwise requires,—

(a) "Academic Council" means the Academic Council of the University;

(b) "academic staff" means such categories of staff as are designated as academic staff by the Ordinances;

(c) "Board of Studies" means the Board of Studies of the University;

(d) "Chancellor", "Vice-Chancellor" and "Pro-Vice-Chancellor" mean, respectively, the Chancellor, Vice-Chancellor and Pro-Vice-Chancellor of the University;

Attested

सहायक नियंत्रक (प्रशासन)
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(e) "College" means a College maintained by the University;

(f) "Court" means the Court of the University;

(g) "Department" means a Department of Studies, and includes a Centre of Studies;

(h) "employee" means any person appointed by the University, and includes teachers and other staff of the University;

(i) "Executive Council" means the Executive Council of the University;

(j) "Hall" means a unit of residence or of corporate life for the students of the University, College or Institution, provided, maintained or recognised by the University;

(k) "Institution" means an academic institution, not being a College, maintained by the University;

(l) "Principal" means the Head of a College or an Institution;

(m) "recognised institution" means an institution of higher learning recognised by the University;

(n) "recognised teachers" means persons working in any recognised institution or in any Institution associated with the University and recognised by the University for the purpose of imparting instruction or conducting research or both;

(o) "School" means a School of Studies of the University;

(p) "Statutes", "Ordinances" and "Regulations", mean, respectively, the Statutes, Ordinances and Regulations of the University for the time being in force;

(q) "teachers of the University" means Professors, Readers, Lecturers and such other persons as may be appointed for imparting instruction or conducting research in the University or in any College or Institution maintained by the University and designated as teachers by the Ordinances;

(r) "University" means the University of Hyderabad.

The University.

3. (1) There shall be established, in the State of Andhra Pradesh, a University by the name of "University of Hyderabad".

(2) The headquarters of the University shall be at Hyderabad and it may establish campuses at such other places within its jurisdiction as it may deem fit.

(3) The first Chancellor and the first Vice-Chancellor and the first members of the Court, the Executive Council and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, are hereby constituted a body corporate by the name of "University of Hyderabad".

(4) The University shall have perpetual succession and a common seal, and shall sue and be sued by the said name.

Attested

30/9/11

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सिविल लाइन्स, दिल्ली–54

Objects.

4. The objects of the University shall be to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit and by the example of its corporate life, and, in particular, to make special provisions for integrated courses in humanities and science in the educational programmes of the University and to take appropriate measures for promoting inter-disciplinary studies and research in the University.

Powers of the University.

5. The University shall have the following powers, namely:—

(1) to provide for instructions in such branches of learning as the University may, from time to time, determine and to make provision for research and for the advancement and dissemination of knowledge;

(2) to grant, subject to such conditions as the University may determine, diplomas or certificates to, and confer degrees and other academic distinctions on the basis of examinations, evaluation or any other method of testing, on persons, and to withdraw any such diplomas, certificates, degrees or other academic distinctions for good and sufficient cause;

(3) to organise and to undertake extra-mural studies and extension services;

(4) to confer honorary degrees or other distinctions in the manner prescribed by the Statutes;

(5) to provide instruction, including correspondence and such other courses, to such persons as are not members of the University, as it may determine;

(6) to institute Principalships, Professorships, Readerships, Lecturerships, and other teaching or academic posts required by the University and to appoint persons to such Principalships, Professorships, Readerships, Lecturerships or other posts;

(7) to recognise an Institution of higher learning for such purposes as the University may determine and to withdraw such recognition;

(8) to recognise persons working in any recognised institution or in any Institution associated with the University for imparting instruction or supervising research or both, and to withdraw such recognition;

(9) to appoint persons working in any other University or organisation as teachers of the University for a specified period;

(10) to create administrative, ministerial and other posts and to make appointments thereto;

(11) to co-operate or collaborate or associate with any other University or authority or Institution of higher learning in such manner and for such purposes as the University may determine;

(12) to establish such campuses, special centres, specialised laboratories or other units for research and instruction as are, in the opinion of the University, necessary for the furtherance of its objects;

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(13) to institute and award fellowships, scholarships, studentships, medals and prizes;

(14) to establish and maintain Colleges, Institutions and Halls;

(15) to make provision for research and advisory services; and for that purpose to enter into such arrangements with other Institutions or bodies as the University may deem necessary;

(16) to declare a College, an Institution or a Department as an autonomous College or Institution or Department, as the case may be;

(17) to determine standards for admission into the University, which may include examination, evaluation or any other method of testing;

(18) to demand and receive payment of fees and other charges;

(19) to supervise the residences of the students of the University and to make arrangements for promoting their health and general welfare;

(20) to make special arrangements in respect of women students as the University may consider desirable;

(21) to regulate and enforce discipline among the employees and students of the University and take such disciplinary measures in this regard as may be deemed by the University to be necessary;

(22) to make arrangements for promoting the health and general welfare of the employees;

(23) to receive donations and to acquire, hold, managed and dispose of any property, movable or immovable, including trust and endowment properties for the purposes of the University;

(24) to borrow, with the approval of the Central Government, on the security of the property of the University, money for the purposes of the University;

(25) to do all such other acts and things as may be necessary, incidental or conducive to the attainment of all or any of the objects of the University.

Jurisdiction.

6. (1) The jurisdiction of the University shall extend to the whole of the State of Andhra Pradesh.

(2) No institution affiliated to or associated with or maintained by any other University in the State of Andhra Pradesh shall be recognised by the University of Hyderabad for any purpose except with the prior approval of the Government of the State of Andhra Pradesh and the concerned University.

University open to all classes, castes and creed.

7. The University shall be open to persons of either sex and of whatever race, creed, caste, or class, and it shall not be lawful for the University to adopt or impose on any person any test whatsoever of religious belief or profession in order to entitle him to be admitted therein, as a teacher or student, or to hold any office therein, or to graduate thereat or to enjoy or exercise any privilege thereof:

Provided that nothing in this section shall be deemed to prevent the Univers' y from making special provisions for admission of students of

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सिविल लाइन्स, दिल्ली-54

the weaker sections of the people and, in particular, of the Scheduled Castes and the Scheduled Tribes.

Visitor.

8. (1) The President of India shall be the Visitor of the University.

(2) The Visitor shall have the right to cause an inspection to be made by such person or persons as he may direct, of the University, its buildings, laboratories and equipment, and of any College or Institution maintained by the University; and also of the examinations, teaching and other work conducted or done by the University and to cause an inquiry to be made in like manner in respect of any matter connected with the administration or finances of the University, Colleges or Institutions.

(3) The Visitor shall, in every case, give notice to the University of his intention to cause an inspection or inquiry to be made and on receipt of such notice, the University shall have the right to make such representations to the Visitor, as it may consider necessary.

(4) After considering the representations, if any, made by the University, the Visitor may cause to be made such inspection or inquiry as is referred to in sub-section (2).

(5) Where any inspection or inquiry has been caused to be made by the Visitor, the University shall be entitled to appoint a representative who shall have the right to be present and to be heard at such inspection or inquiry.

(6) The Visitor may, if the inspection or inquiry is made in respect of the University or any College or Institution maintained by it, address the Vice-Chancellor with reference to the result of such inspection or inquiry, and the Vice-Chancellor shall communicate to the Executive Council the views of the Visitor with such advice as the Visitor may be pleased to offer upon the action to be taken thereon.

(7) The Executive Council shall communicate through the Vice-Chancellor to the Visitor such action, if any, as it proposes to take or has been taken upon the result of such inspection or inquiry.

(8) Where the Executive Council does not, within a reasonable time, take action to the satisfaction of the Visitor, the Visitor may, after considering any explanation furnished or representation made by the Executive Council, issue such directions as he may think fit and the Executive Council shall comply with such directions.

(9) Without prejudice to the foregoing provisions of this section, the Visitor may, by order in writing, annul any proceeding of the University which is not in conformity with this Act, the Statutes or Ordinances:

Provided that before making any such order, he shall call upon the University to show cause why such an order should not be made, and, if any cause is shown within a reasonable time, he shall consider the same.

(10) The Visitor shall have such other powers as may be prescribed by the Statutes.

Chief Rector.

9. The Governor of the State of Andhra Pradesh shall be the Chief Rector of the University.

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Officers of the University.

10. The following shall be the officers of the University:—

(1) The Chancellor;

(2) The Vice-Chancellor;

(3) The Pro-Vice-Chancellor or, if more than one are appointed, the Pro-Vice-Chancellors;

(4) The Deans of Schools;

(5) The Registrar;

(6) The Finance Officer; and

(7) Such other officers as may be declared by the Statutes to be officers of the University.

The Chancellor.

11. (1) The Chancellor shall be appointed by the Visitor in such manner as may be prescribed by the Statutes.

(2) The Chancellor shall, by virtue of his office, be the Head of the University.

(3) The Chancellor shall, if present, preside at the convocation of the University held for conferring degrees.

The Vice-Chancellor.

12. (1) The Vice-Chancellor shall be appointed by the Visitor in such manner as may be prescribed by the Statutes.

(2) The Vice-Chancellor shall be the principal executive and academic officer of the University, and shall exercise general supervision and control over the affairs of the University and give effect to the decisions of all the authorities of the University.

(3) The Vice-Chancellor may, if he is of opinion that immediate action is necessary on any matter, exercise any power conferred on any authority of the University by or under this Act and shall report to such authority the action taken by him on such matter:

Provided that if the authority concerned is of opinion that such action ought not to have been taken, it may refer the matter to the Visitor whose decision thereon shall be final:

Provided further that any person in the service of the University who is aggrieved by the action taken by the Vice-Chancellor under this sub-section shall have the right to appeal against such action to the Executive Council within three months from the date on which decision on such action is communicated to him and thereupon the Executive Council may confirm, modify or reverse the action taken by the Vice-Chancellor.

(4) The Vice-Chancellor shall exercise such other powers and perform such other functions as may be prescribed by the Statutes or Ordinances.

The Pro-Vice-Chancellors.

13. Every Pro-Vice-Chancellor shall be appointed in such manner and shall exercise such powers and perform such duties as may be prescribed by the Statutes.

Deans of Schools.

14. Every Dean of a School shall be appointed in such manner and shall exercise such powers and perform such duties as may be prescribed by the Statutes.

The Registrar.

15. (1) The Registrar shall be appointed in such manner as may be prescribed by the Statutes.

(2) The Registrar shall have the power to enter into agreements, sign documents and authenticate records on behalf of the University and shall

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exercise such other powers and perform such other duties as may be prescribed by the Statutes.

The Finance Officer.

16. The Finance Officer shall be appointed in such manner and shall exercise such powers and perform such duties as may be prescribed by the Statutes.

Other officers.

17. The manner of appointment and powers and duties of other officers of the University shall be prescribed by the Statutes.

Authorities of the University.

18. The following shall be the authorities of the University:—

(1) The Court;

(2) The Executive Council;

(3) The Academic Council;

(4) The Boards of Schools; and

(5) Such other authorities as may be declared by the Statutes to be authorities of the University.

The Court.

19. (1) The constitution of the Court and the term of office of its members shall be prescribed by the Statutes.

(2) Subject to the provisions of this Act, the Court shall have the following powers and functions, namely:—

(a) to review, from time to time, the broad policies and programmes of the University and to suggest measures for the improvement and development of the University;

(b) to consider and pass resolutions on the annual report and the annual accounts of the University and the audit report on such accounts;

(c) to advise the Visitor in respect of any matter which may be referred to it for advice; and

(d) to perform such other functions as may be prescribed by the Statutes.

The Executive Council.

20. (1) The Academic Council shall be the principal academic body of the University.

(2) The constitution of the Executive Council, the term of office of its members and its powers and functions shall be prescribed by the Statutes.

The Academic Council.

21. (1) The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act, the Statutes and Ordinances, co-ordinate and exercise general supervision over the academic policies of the University.

(2) The constitution of the Academic Council, the term of office of its members and its powers and functions shall be prescribed by the Statutes.

Other authorities of the University.

22. The constitution, powers and functions of the Boards of Schools and of such other authorities as may be declared by the Statutes to be authorities of the University, shall be prescribed by the Statutes.

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सिविल लाइन्स, दिल्ली-54

Annexure-07 University of Hyderabad Establishment Act

Planning Board.

23. (1) There shall be constituted a Planning Board of the University which shall advise generally on the planning and development of the University and keep under review the standard of education and research in the University.

(2) The constitution of the Planning Board and the manner of appointment of its members shall be prescribed by the Statutes.

(3) The Visitor may determine a date with effect from which the Planning Board shall stand dissolved.

Statutes.

24. Subject to the provisions of this Act, the Statutes may provide for all or any of the following matters, namely:—

(a) the constitution, powers and functions of the authorities and other bodies of the University, as may be constituted from time to time;

(b) the election and continuance in office of the members of the said authorities and bodies, the filling of vacancies of members, and all other matters relative to those authorities and other bodies for which it may be necessary or desirable to provide;

(c) the appointment, powers and duties of the officers of the University and their emoluments and other terms and conditions of service;

(d) the appointment of teachers of the University and other academic staff and their emoluments and other terms and conditions of service;

(e) the appointment of teachers and other academic staff working in any other University or organisation for a specified period for undertaking a joint project;

(f) the conditions of service of employees including provision for pension, insurance and provident fund, the manner of termination of service and disciplinary action;

(g) the principles governing seniority of service of employees;

(h) the procedure for arbitration in cases of dispute between employees or students and the University;

(i) the procedure for appeal to the Executive Council by any employee or student against the action of any officer or authority of the University;

(j) the establishment and recognition of Students' Union or associations of teachers, academic staff or other employees;

(k) the participation of students in the affairs of the University;

(l) the conferment of honorary degrees;

(m) the withdrawal of degrees, diplomas, certificates and other academic distinctions;

(n) the institution of fellowships, scholarships, studentships, medals and prizes;

(o) the maintenance of discipline among the students;

(p) the establishment and abolition of Schools, Departments, Halls, Colleges and Institutions;

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(q) the extent of autonomy which a College, Institution or Department may have and the matters in relation to which such autonomy may be exercised;

(r) the delegation of powers vested in the authorities or officers of the University; and

(s) all other matters which by this Act are to be, or may be, provided by the Statutes.

Statutes how made.

25. (1) The first Statutes are those set out in the Schedule.

(2) The Executive Council may, from time to time, make new or additional Statutes or may amend or repeal the Statutes referred to in sub-section (1):

Provided that the Executive Council shall not make, amend or repeal any Statute affecting the status, powers or constitution of any authority of the University until such authority has been given an opportunity of expressing an opinion in writing on the proposed changes, and any opinion so expressed shall be considered by the Executive Council.

(3) Every new Statute or addition to the Statutes or any amendment or repeal of a Statute shall require the approval of the Visitor who may assent thereto or withhold assent or remit the same to the Executive Council for consideration.

(4) A new Statute or a Statute amending or repealing an existing Statute shall have no validity unless it has been assented to by the Visitor.

(5) Notwithstanding anything contained in the foregoing sub-sections, the Visitor may make new or additional Statutes or amend or repeal the Statutes referred to in sub-section (1) during the period of three years immediately after the commencement of this Act:

Provided that the Visitor may, on the expiry of the said period of three years make, within one year from the date of such expiry, such detailed Statutes as he may consider necessary and such detailed Statutes shall be laid before both Houses of Parliament.

Ordinances.

26. (1) Subject to the provisions of this Act and the Statutes, the Ordinances may provide for all or any of the following matters, namely:—

(a) the admission of students to the University and their enrolment as such;

(b) the courses of study to be laid down for all degrees, diplomas and certificates of the University;

(c) the award of degrees, diplomas, certificates and other academic distinctions, the qualifications for the same and the means to be taken relating to the granting and obtaining of the same;

(d) the fees to be charged for courses of study in the University and for admission to the examinations, degrees and diplomas of the University;

(e) the conditions of award of fellowships, scholarships, studentships, medals and prizes;

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(*f*) the conduct of examinations, including the term of office and of appointment and the duties of examining bodies, examiners and moderators;

(*g*) the conditions of residence of the students of the University;

(*h*) the special arrangements, if any, which may be made for the residence, discipline and teaching of women students and the prescribing of special courses of studies for them;

(*i*) the appointment and emoluments of employees other than those for whom provision has been made in the Statutes;

(*j*) the establishment of Centres of Studies, Boards of Studies, Special Centres, Specialised Laboratories and other Committees;

(*k*) the terms and conditions of the recognition of Institutions of higher learning and its withdrawal;

(*l*) the terms and conditions on which persons working in any recognised institution or in any Institution associated with the University may be recognised as teachers and for withdrawing such recognition;

(*m*) the manner of co-operation or collaboration or association with other Universities, authorities or Institutions of higher learning;

(*n*) the creation, composition and functions of any other body which is considered necessary for improving the academic life of the University;

(*o*) such other terms and conditions of service of teachers and other academic staff as are not prescribed by the Statutes;

(*p*) the management of Colleges and Institutions established by the University; and

(*q*) all other matters which by this Act or the Statutes may be provided for by the Ordinances.

(2) The first Ordinances shall be made by the Vice-Chancellor with the previous approval of the Central Government and the Ordinances so made may be amended, repealed or added to at any time by the Executive Council in the manner prescribed by the Statutes.

Regulations.

27. The authorities of the University may make Regulations consistent with this Act, the Statutes and the Ordinances for the conduct of their own business and that of the Committees appointed by them and not provided for by this Act, the Statutes or the Ordinances in the manner prescribed by the Statutes

Annual report.

28. (1) The annual report of the University shall be prepared under the direction of the Executive Council and shall be submitted to the Court on or after such date as may be prescribed by the Statutes and the Court shall consider the report in its annual meeting.

(2) The Court shall submit the annual report to the Visitor along with its comments, if any.

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Annual accounts.

29. (1) The annual accounts and balance-sheet of the University shall be prepared under the directions of the Executive Council and shall once at least every year and at intervals of not more than fifteen months be audited by the Comptroller and Auditor-General of India.

(2) The annual accounts when audited shall be published in the Gazette of India and a copy of the accounts together with the report of the Comptroller and Auditor-General shall be submitted to the Court and the Visitor along with the observations of the Executive Council.

(3) Any observations made by the Visitor on the annual accounts shall be brought to the notice of the Court and the obervations of the Court, if any, shall, after being considering by the Executive Council, be submitted to the Vistor.

(4) A copy of the accounts together with the report of the Comptroller and Auditor-General of India, as submitted to the Visitor, shall also be submitted to the Central Government who shall, as soon as may be, cause the same to be laid before both Houses of Parliament.

Conditions of service of employees.

30. (1) Every employee shall be appointed under a written contract which shall be lodged with the University and a copy of which shall be furnished to the employee concerned.

(2) Any dispute arising out of a contract between the University and any employee shall, at the request of the employee, be referred to a Tribunal of Arbitration consisting of one member appointed by the Executive Council, one member nominated by the employee concerned and an umpire appointed by the Visitor. The decision of the Tribunal shall be final, and no suit shall lie in any civil court in respect of the matters decided by the Tribunal. Every such request shall be deemed to be a submission to arbitration, upon the terms of this section, within the meaning of the Arbitration Act, 1940.

2 of 1940.

Procedure of appeal and arbitration in disciplinary cases against students.

31. (1) Any student or candidate for an examination whose name has been removed from the rolls of the University by the orders or resolution of the Vice-Chancellor, Discipline Committee or Examination Committee, as the case may be, and who has been debarred from appearing at the examinations of the University for more than one year, may, within ten days of the date of receipt of such orders or copy of such resolution by him, appeal to the Executive Council and the Executive Council may confirm, modify or reverse the decision of the Vice-Chancellor or the Committee, as the case may be.

(2) Any dispute arising out of any disciplinary action taken by the University against a student shall, at the request of such student, be referred to a Tribunal of Arbitration and the provisions of sub-section (2) of section 30 shall, as far as may be, apply to a reference made under this sub-section.

Right to apeal.

32. Every employee or student of the University shall, notwithstanding anything contained in this Act, have a right to appeal, within such time as may be prescribed by the Statutes, to the Executive Council against the decision of any officer or authority of the University and thereupon the Executive Council may confirm, modify or reverse the decision appealed against.

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Provident and pension funds.

33. (1) The University shall constitute for the benefit of its employees such pension or provident fund or provide such insurance schemes as it may deem fit in such manner and subject to such conditions as may be prescribed by the Statutes.

(2) Where such provident or pension fund has been so constituted, the Central Government may declare that the provisions of the Provident Funds Act, 1925, shall apply to such fund, as if it were a Government provident fund. 19 of 1925.

Disputes as to constitution of University authorities and bodies.

34. If any question arises as to whether any person has been duly elected or appointed as, or is entitled to be, a member of any authority or other body of the University, the matter shall be referred to the Visitor whose decision thereon shall be final.

Constitution of Committees.

35. Where any authority of the University is given power by this Act or the Statutes to appoint Committees, such Committees shall, save as otherwise provided, consist of the members of the authority concerned and of such other persons (if any) as the authority in each case may think fit.

Filling of casual vacancies.

36. All casual vacancies among the members (other than *ex officio* members) of any authority or other body of the University shall be filled, as soon as conveniently may be, by the person or body who appointed, elected or co-opted the member whose place has become vacant and the person appointed, elected or co-opted to a casual vacancy shall be a member of such authority or body for the residue of the term for which the person whose place he fills would have been a member.

Proceedings of University authorities or bodies not invalidated by vacancies.

37. No act or proceedings of any authority or other body of the University shall be invalid merely by reason of the existence of a vacancy or vacancies among its members.

Protection of action taken in good faith.

38. No suit or other legal proceeding shall lie against any officer or employee of the University for anything which is in good faith done or intended to be done in pursuance of any of the provisions of this Act, the Statutes or Ordinances.

Mode of proof of University record.

39. A copy of any receipt, application, notice, order, proceeding, resolution of any authority or Committee of the University, or other documents in possession of the University or any entry in any register duly maintained by the University, if certified by the Registrar, shall be received as *prima facie* evidence of such receipt, application, notice, order, proceeding or resolution, documents or the existence of entry in the register and shall be admitted as evidence of the matters and transactions therein where the original thereof would, if produced, have been admissible in evidence, notwithstanding anything contained in the Indian Evidence Act, 1872 or in any other law for the time being in force. 1 of 1872.

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Power to remove difficulties.

40. If any difficulty arises in giving effect to the provisions of this Act, the Central Government may, by order published in the Official Gazette, make such provisions, not inconsistent with the provisions of this Act, as appear to it to be necessary or expedient for removing the difficulty:

Provided that no such order shall be made under this section after the expiry of three years from the commencement of this Act.

Transitional provisions.

41. Notwithstanding anything contained in this Act and the Statutes—

(*a*) the first Chancellor and the first Vice-Chancellor shall be appointed by the Visitor and each of the said officers shall hold office for a term of five years;

(*b*) the first Registrar and the first Finance Officer shall be appointed by the Visitor and each of the said officers shall hold office for a term of three years;

(*c*) the first Court and the first Executive Council shall consist of not more than thirty members and eleven members respectively, who shall be nominated by the Visitor and shall hold office for a term of three years;

(*d*) the Academic Council shall consist of not more than twenty-one members, who shall be nominated by the Visitor and shall hold office for a term of three years:

Provided that if any vacancy occurs in the above offices or authorities, the same shall be filled by appointment or nomination, as the case may be, by the Visitor, and the person so appointed or nominated shall hold office for so long as the officer or member in whose place he is appointed or nominated would have held office, if such vacancy had not occurred;

(*e*) the first Academic Council shall be constituted on the expiry of a period of one year from the commencement of this Act and during the said period of one year, the powers of the Academic Council shall be performed by the Planning Board constituted under section 23.

THE SCHEDULE

[*See* section 25 (*1*)]

THE STATUTES OF THE UNIVERSITY

The Vice-Chancellor.

1. (*1*) The Vice-Chancellor shall be a whole-time salaried officer of the University.

(2) The Vice-Chancellor shall hold office for a term of five years from the date on which he enters upon his office:

Provided that the Visitor may direct that a Vice-Chancellor, whose term of office has expired, shall continue in office for such period, not exceeding a total period of one year, as may be specified in the direction.

(3) Notwithstanding anything contained in clause (2), a person appointed as Vice-Chancellor shall, if he attains the age of sixty-five

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years during the term of his office or any extension thereof, retire from office.

(4) The emoluments and other terms and conditions of service of the Vice-Chancellor shall be as follows:—

(*i*) There shall be paid to the Vice-Chancellor a salary of three thousand rupees per mensem and he shall be entitled, without payment of rent, to use a furnished residence throughout his term of office and no charge shall fall on the Vice-Chancellor personally in respect of the maintenance of such residence.

(*ii*) The Vice-Chancellor shall be entitled to such terminal benefits and allowances as may be fixed by the Executive Council with the approval of the Visitor from time to time:

Provided that where an employee of—

(*a*) the University; or

(*b*) any other University or College or Institution maintained by, or affiliated to, that University,

is appointed as Vice-Chancellor, he shall be allowed to continue to contribute to the provident fund to which he is a subscriber, and the contribution of the University shall be limited to what he had been contributing immediately before his appointment as Vice-Chancellor.

(*iii*) The Vice-Chancellor shall be entitled to travelling allowances at such rates as may be fixed by the Executive Council.

(*iv*) The Vice-Chancellor shall be entitled to leave on full pay for one-eleventh of the period spent by him on active service.

(*v*) The Vice-Chancellor shall also be entitled, on medical grounds or otherwise, to leave without pay for a period not exceeding three months during the term of his office:

Provided that such leave may be converted into leave on full pay to the extent to which he is entitled to leave under sub-clause (*iv*).

(5) If the office of the Vice-Chancellor becomes vacant due to death, resignation or otherwise or if he is unable to perform his duties owing to absence, illness or any other cause, the Pro-Vice-Chancellor or if there are more than one Pro-Vice-Chancellor, the senior-most Pro-Vice-Chancellor, shall perform the duties of the Vice-Chancellor until a new Vice-Chancellor assumes office or until the existing Vice-Chancellor attends to the duties of his office, as the case may be:

Provided that if a Pro-Vice-Chancellor is not available, the senior-most Professor shall perform the duties of the Vice-Chancellor.

Powers and duties of the Vice-Chancellor.

2. (*1*) The Vice-Chancellor shall be *ex officio* Chairman of the Court, the Executive Council, the Academic Council and the Finance Committee, and shall, in the absence of the Chancellor, preside at the Convocations of the University held for conferring degrees. The Vice-Chancellor shall be entitled to be present at, and to address, any meeting of any authority or other body of the University, but shall not be entitled to vote thereat unless he is a member of such authority or body.

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(2) It shall be the duty of the Vice-Chancellor to see that this Act, these Statutes, the Ordinances and the Regulations are duly observed, and he shall have all powers necessary to ensure such observance.

(3) The Vice-Chancellor shall have the power to convene or cause to be convened meetings of the Court, the Executive Council, the Academic Council and the Finance Committee.

Pro-Vice-Chancellors.

3. (1) Every Pro-Vice-Chancellor shall be appointed by the Executive Council on the recommendation of the Vice-Chancellor:

Provided that where the recommendation of the Vice-Chancellor is not accepted by the Executive Council, the matter shall be referred to the Visitor who may either appoint the person recommended by the Vice-Chancellor or ask the Vice-Chancellor to recommend another person to the Executive Council:

Provided further that the Executive Council may, on the recommendation of the Vice-Chancellor, appoint a Professor to discharge the duties of a Pro-Vice-Chancellor in addition to his own duties as a Professor.

(2) The term of office of a Pro-Vice-Chancellor shall be such as may be decided by the Executive Council, but it shall not in any case exceed five years or until the expiration of the term of office of the Vice-Chancellor, whichever is earlier, and he shall be eligible for re-appointment:

Provided that a Pro-Vice-Chancellor shall retire on attaining the age of sixty-five years:

Provided further that the Pro-Vice-Chancellor shall, while discharging the duties of the Vice-Chancellor under clause (5) of Statute 1, continue in office notwithstanding the expiration of his term of office as Pro-Vice-Chancellor, until a new Vice-Chancellor or the Vice-Chancellor, as the case may be, assumes office:

Provided also that when the office of the Vice-Chancellor becomes vacant and there is no Pro-Vice-Chancellor to perform the functions of the Vice-Chancellor, the Executive Council may appoint a Pro-Vice-Chancellor and the Pro-Vice-Chancellor so appointed shall cease to hold office as such as soon as a Vice-Chancellor is appointed and enters upon his office.

(3) The emoluments and other terms and conditions of service of a Pro-Vice-Chancellor shall be such as may be prescribed by the Ordinances.

(4) A Pro-Vice-Chancellor shall assist the Vice-Chancellor in respect of such matters as may be specified by the Vice-Chancellor in this behalf, from time to time, and shall also exercise such powers and perform such duties as may be assigned or delegated to him by the Vice-Chancellor.

Registrar.

4. (1) The Registrar shall be a whole-time salaried officer of the University.

(2) The emoluments and other terms and conditions of service of the Registrar shall be such as may be prescribed by the Ordinances:

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Provided that the Registrar shall retire on attaining the age of sixty years:

Provided further that a Registrar shall, notwithstanding his attaining the age of sixty years, continue in office until his successor is appointed and enters upon his office or until the expiry of a period of one year whichever is earlier.

(3) When the office of the Registrar is vacant or when the Registrar is, by reason of illness, absence or any other cause, unable to perform the duties of his office, the duties of the office shall be performed by such person as the Vice-Chancellor may appoint for the purpose.

(4) (*a*) The Registrar shall have power to take disciplinary action against such of the employees, excluding teachers of the University and academic staff, as may be specified in the orders of the Executive Council and to suspend them pending inquiry, to administer warnings to them or to impose on them the penalty of censure or the withholding of increment:

Provided that no such penalty shall be imposed unless the person concerned has been given a reasonable opportunity of showing cause against the action proposed to be taken in regard to him.

(*b*) An appeal shall lie to the Vice-Chancellor against any order of the Registrar imposing any of the penalties specified in sub-clause (*a*).

(*c*) In a case where the inquiry discloses that a punishment beyond the powers of the Registrar is called for, the Registrar shall, upon conclusion of the inquiry, make a report to the Vice-Chancellor along with his recommendations:

Provided that an appeal shall lie to the Executive Council against an order of the Vice-Chancellor imposing any penalty.

(5) The Registrar shall be *ex officio* Secretary of the Executive Council, the Academic Council and the Boards of Schools, but shall not be deemed to be a member of any of these authorities. He shall be *ex officio* Member-Secretary of the Court.

(6) It shall be the duty of the Registrar,—

(*a*) to be the custodian of the records, the common seal and such other property of the University as the Executive Council shall commit to his charge;

(*b*) to issue all notices convening meetings of the Court, the Executive Council, the Academic Council, the Boards of Schools, the Boards of Studies, the Boards of Examiners and of any Committees appointed by the authorities of the University;

(*c*) to keep the minutes of all the meetings of the Court, the Executive Council, the Academic Council, the Boards of Schools and of any Committees appointed by the authorities of the University;

(*d*) to conduct the official correspondence of the Court, the Executive Council and the Academic Council;

(*e*) to supply to the Visitor, copies of the agenda of the meetings of the authorities of the University as soon as they are issued and the minutes of such meetings;

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(f) to represent the University in suits or proceedings by or against the University, sign powers of attorney and verify pleadings or depute his representative for the purpose; and

(g) to perform such other duties as may be specified in these Statutes, the Ordinances or the Regulations or as may be required, from time to time, by the Executive Council or the Vice-Chancellor.

Finance Officer.

5. (1) The Finance Officer shall be a whole-time salaried officer of the University.

(2) The emoluments and other terms and conditions of service of the Finance Officer shall be such as may be prescribed by the Ordinances:

Provided that a Finance Officer shall retire on attaining the age of sixty years:

Provided further that the Finance Officer shall, notwithstanding his attaining the age of sixty years, continue in office until his successor is appointed and enters upon his office or until the expiry of a period of one year whichever is earlier.

(3) When the office of the Finance Officer is vacant or when the Finance Officer is, by reason of illness, absence or any other cause, unable to perform the duties of his office, the duties of the office shall be performed by such person as the Vice-Chancellor may appoint for the purpose.

(4) The Finance Officer shall be *ex officio* Secretary of the Finance Committee, but shall not be deemed to be a member of such Committee.

(5) The Finance Officer shall—

(a) exercise general supervision over the funds of the University and shall advise it as regards its financial policy; and

(b) perform such other financial functions as may be assigned to him by the Executive Council or as may be prescribed by these Statutes or the Ordinances:

Provided that the Finance Officer shall not incur any expenditure or make any investment exceeding ten thousand rupees without the previous approval of the Executive Council.

(6) Subject to the control of the Executive Council, the Finance Officer shall—

(a) hold and manage the property and investments of the University including trust and endowed property;

(b) ensure that the limits fixed by the Executive Council for recurring and non-recurring expenditure for a year are not exceeded and that all moneys are expended on the purposes for which they are granted or allotted;

(c) be responsible for the preparation of annual accounts and the budget of the University and for their presentation to the Executive Council;

(d) keep a constant watch on the state of the cash and bank balances and on the state of investments;

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(e) watch the progress of the collection of revenue and advise on the methods of collection employed;

(f) ensure that the registers of buildings, land, furniture and equipment are maintained up-to-date and that stock-checking is conducted, of equipment and other consumable materials in all offices, Special Centres, specialised laboratories, Colleges and Institutions maintained by the University;

(g) call for explanation for unauthorised expenditure and for other financial irregularities and suggest disciplinary action against persons at fault; and

(h) call for from any office, Centre, laboratory, College or Institution maintained by the University, any information or returns that he may consider necessary for the performance of his duties.

(7) The receipt of the Finance Officer or of the person or persons duly authorised in this behalf by the Executive Council for any money payable to the University shall be sufficient discharge for payment of such money.

Deans of Schools of Studies.

6. (1) Every Dean of a School of Studies shall be appointed by the Vice-Chancellor from among the Professors in the School for a period of three years and he shall be eligible for re-appointment:

Provided that a Dean on attaining the age of sixty years shall cease to hold office as such:

Provided further that if at any time there is no Professor in a School, the Vice-Chancellor, or a Pro-Vice-Chancellor if authorised by the Vice-Chancellor in this behalf, shall exercise the powers of the Dean of the School.

(2) When the office of the Dean is vacant or when the Dean is, by reason of illness, absence or any other cause, unable to perform the duties of his office, the duties of the office shall be performed by such person as the Vice-Chancellor may appoint for the purpose.

(3) The Dean shall be the Head of the School and shall be responsible for the conduct and maintenance of the standards of teaching and research in the School. The Dean shall have such other functions as may be prescribed by the Ordinances.

(4) The Dean shall have the right to be present and to speak at any meeting of the Boards of Studies or Committees of the School, as the case may be, but shall not have the right to vote thereat unless he is a member thereof.

Heads of Departments.

7. (1) Each Department shall have a Head who shall be a Professor and whose duties and functions and terms and conditions of appointment shall be prescribed by the Ordinances:

Provided that if there is one or more than one Professor in any Department, the Head of the Department shall be appointed in the manner prescribed by the Ordinances:

Provided further that in a Department where there is no Professor, a Reader may be appointed as Head of the Department in the manner prescribed by the Ordinances:

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Provided also that if there is no Professor or Reader, in a Department, the Dean of the Faculty concerned shall act as the Head of that Department.

(2) It shall be open to a Professor or Reader to decline the offer of appointment as the Head of the Department.

(3) A person appointed as the Head of the Department shall hold office as such for a period of three years and shall be eligible for re-appointment.

(4) A Head of a Department may resign his office at any time during his tenure of office.

(5) A Head of a Department shall perform such functions as may be prescribed by the Ordinances.

Deans of Students' Welfare.

8. (1) Every Dean of Students' Welfare shall be appointed from amongst the teachers of the University, not below the rank of a Reader, by the Executive Council on the recommendation of the Vice-Chancellor.

(2) Every Dean appointed under clause (1) shall be a whole-time officer and shall hold office for a term of three years and shall be eligible for re-appointment:

Provided that the Executive Council may, if it is considered necessary, appoint, on the recommendation of the Vice-Chancellor, a teacher, not below the rank of a Reader, to discharge the duties of the Dean of Students' Welfare in addition to his duties as such teacher, and in such a case, the Executive Council may sanction a suitable allowance to be paid to him.

(3) A person who is appointed as a Dean of Students' Welfare shall continue to hold his lien on his substantive post and shall be eligible to all the benefits that would have otherwise accrued to him, but for his appointment as the Dean of Students' Welfare.

(4) When the office of a Dean of Students' Welfare is vacant or when the Dean of Students' Welfare is, by reason of illness or absence or any other cause, unable to perform the duties of his office, the duties of the office shall be performed by such person as the Vice-Chancellor may appoint for the purpose.

(5) The duties and powers of a Dean of Students' Welfare shall be prescribed by the Ordinances.

Proctors.

9. (1) Every Proctor shall be appointed by the Executive Council on the recommendation of the Vice-Chancellor and shall exercise such powers and perform such duties as may be assigned to him by the Vice-Chancellor.

(2) Every Proctor shall hold office for a term of two years and shall be eligible for re-appointment.

Librarians.

10. (1) Every Librarian shall be appointed by the Executive Council on the recommendation of the Selection Committee constituted for the purpose and he shall be a whole-time officer of the University.

(2) Every Librarian shall exercise such powers and perform such duties as may be assigned to him by the Executive Council.

Meetings of the Court.

11. (1) An annual meeting of the Court shall be held on a date to be fixed by the Executive Council unless some other date has been fixed by the Court in respect of any year.

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(2) At an annual meeting of the Court, a report on the working of the University during the previous year, together with a statement of the receipts and expenditure, the balance-sheet, as audited, and the financial estimates for the next year shall be presented.

(3) A copy of the statement of receipts and expenditure, the balance-sheet and the financial estimates referred to in clause (2) shall be sent to every member of the Court at least seven days before the date of the annual meeting.

(4) Twelve members of the Court shall form a quorum for a meeting of the Court.

(5) Special meetings of the Court may be convened by the Executive Council or the Vice-Chancellor, or, if there is no Vice-Chancellor, by a Pro-Vice-Chancellor, or if there is no Pro-Vice-Chancellor, by the Registrar.

Quorum for meetings of the Executive Council.

12. Five members of the Executive Council shall form a quorum for a meeting of the Executive Council.

Powers and functions of Executive Council.

13. (1) The Executive Council shall have the management and administration of the revenue and property of the University and the conduct of all administrative affairs of the University not otherwise provided for.

(2) Subject to the provisions of this Act, these Statutes and the Ordinances, the Executive Council shall, in addition to all other powers vested in it, have the following powers, namely:—

(*i*) to create teaching and academic posts, to determine the number and emoluments of such posts and to define the duties and conditions of service of Professors, Readers, Lecturers, and other academic staff and Principals of Colleges and Institutions maintained by the University:

Provided that no action shall be taken by the Executive Council in respect of the number, qualifications and the emoluments of teachers and academic staff otherwise than after consideration of the recommendations of the Academic Council;

(*ii*) to appoint such Professors, Readers, Lecturers and other academic staff, as may be necessary, and Principals of Colleges and Institutions maintained by the University on the recommendation of the Selection Committee constituted for the purpose and to fill up temporary vacancies therein;

(*iii*) to create administrative, ministerial and other necessary posts and to make appointments thereto in the manner prescribed by the Ordinances;

(*iv*) to grant leave of absence to any officer of the University, other than the Chancellor and the Vice-Chancellor, and to make necessary arrangements for the discharge of the functions of such officer during his absence;

(*v*) to regulate and enforce discipline among employees in accordance with these Statutes and the Ordinances;

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(*vi*) to manage and regulate the finances, accounts, investments, property, business and all other administrative affairs of the University, and for that purpose, to appoint such agents as it may think fit;

(*vii*) to fix limits on the total recurring and the total non-recurring expenditure for a year on the recommendations of the Finance Committee;

(*viii*) to invest any money belonging to the University, including any unapplied income, in such stocks, funds, shares or securities as it shall, from time to time, think fit, or in the purchase of immovable property in India, with the like powers of varying such investments from time to time;

(*ix*) to transfer or accept transfers of any movable or immovable property on behalf of the University;

(*x*) to provide buildings, premises, furniture and apparatus and other means needed for carrying on the work of the University;

(*xi*) to enter into, vary, carry out and cancel contracts on behalf of the University;

(*xii*) to entertain, adjudicate upon, and, if thought fit, to redress any grievances of the employees and students of the University, who may, for any reason feel aggrieved;

(*xiii*) to appoint examiners and moderators and, if necessary to remove them, and to fix their fees, emoluments and travelling and other allowances, after consulting the Academic Council;

(*xiv*) to select a common seal for the University and provide for the custody and use of such seal;

(*xv*) to make such special arrangements as may be necessary for the residence and discipline of women students;

(*xvi*) to delegate any of its powers to the Vice-Chancellor, the Pro-Vice-Chancellors, the Registrar or the Finance Officer or such other employee or authority of the University or to a Committee appointed by it as it may deem fit;

(*xvii*) to institute fellowships, scholarships, studentships, medals and prizes; and

(*xviii*) to exercise such other powers and perform such other duties as may be conferred or imposed on it by this Act, or these Statutes.

Quorum for meetings of the Academic Council.

14. Nine members of the Academic Council shall form a quorum for a meeting of the Academic Council.

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Powers of the Academic Council.

15. Subject to this Act, these Statutes and the Ordinances, the Academic Council shall, in addition to all other powers vested in it, have the following powers, namely:—

(a) to exercise general supervision over the academic policies of the University and to give directions regarding methods of instruction, co-operative teaching among Colleges and Institutions, evaluation of research or improvements in academic standards;

(b) to bring about inter-School co-ordination, to establish or appoint Committees or Boards, for taking up projects on an inter-School basis;

(c) to consider matters of general academic interest either on its own initiative or on a reference by a School or the Executive Council and to take appropriate action thereon; and

(d) to frame such regulations and rules consistent with these Statutes and the Ordinances regarding the academic functioning of the University, discipline, residences, admissions, award of fellowships and studentships, fee concessions, corporate life and attendance.

The Planning Board.

16. (1) The Planning Board shall consist of the following members, namely:—

(i) the Vice-Chancellor, who shall be the Chairman of the Board; and

(ii) not more than eight persons of high academic standing.

(2) The members of the Planning Board shall be appointed by the Visitor and shall hold office for such period as he may determine.

(3) The Planning Board shall, in addition to all other powers vested in it by this Act, have the right to advise the Executive Council and the Academic Council on any academic matter.

(4) On the date determined by the Visitor under sub-section (3) of section 23, this Statute shall cease to have effect.

Schools of Studies and departments.

17. (1) The University shall have such Schools of Studies as may be specified by the Ordinances.

(2) Every School shall have a School Board. The members of the first School Board shall be nominated by the Executive Council and shall hold office for a period of three years.

(3) The powers and functions of a School Board shall be prescribed by the Ordinances.

(4) The conduct of the meetings of a School Board and the quorum required for such meetings shall be prescribed by the Ordinances.

(5) (a) Each School shall consist of such Departments as may be assigned to it by the Ordinances.

(b) No Department shall be established or abolished except by these Statutes:

Provided that the Executive Council may, on the recommendation of the Academic Council, establish Centres of Studies to which may be

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assigned such teachers of the University as the Executive Council may consider necessary.

(c) Each Department shall consist of the following members, namely:—

(i) teachers of the Department;

(ii) Dean of the School or Deans of the Schools concerned;

(iii) honorary Professors, if any, attached to the Department; and

(iv) such other persons as may be members of the Department in accordance with the provisions of the Ordinances.

(d) The functions of a Department shall be prescribed by the Ordinances.

Boards of Studies.

18. (1) Each Department shall function as a Board of Studies.

(2) Notwithstanding anything contained in clause (1) the Academic Council may establish, by an Ordinance, such Board of Studies, as may be considered necessary for inter-disciplinary research.

(3) The function of the Board of Studies shall be prescribed by the Ordinances.

Finance Committee.

19. (1) The Finance Committee shall consist of the following members, namely:—

(i) The Vice-Chancellor;

(ii) A Pro-Vice-Chancellor appointed by the Executive Council;

(iii) Three persons nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council; and

(iv) Three persons nominated by the Visitor.

(2) Five members of the Finance Committee shall form a quorum for a meeting of the Finance Committee.

(3) All the members of the Finance Committee, other than *ex officio* members, shall hold office for a term of three years.

(4) A member of the Finance Committee shall have the right to record a minute of dissent if he does not agree with any decision of the Finance Committee.

(5) The Finance Committee shall meet at least twice every year to examine the accounts and to scrutinise proposals for expenditure.

(6) The annual accounts and the financial estimates of the University prepared by the Finance Officer shall be laid before the Finance Committee for consideration and comments and thereafter submitted to the Executive Council for approval.

(7) The Finance Committee shall recommend limits for the total recurring expenditure and the total non-recurring expenditure for the year, based on the income and resources of the University (which, in the case of productive works, may include the proceeds of loans).

Selection Committees.

20. (1) There shall be Selection Committees for making recommendations to the Executive Council for appointment to the posts of Professor, Reader, Lecturer, Librarian and Principals of Colleges and Institutions maintained by the University.

(2) The Selection Committee for appointment to the posts specified in column 1 of the Table below shall consist of the Vice-Chancellor, the

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Pro-Vice-Chancellor or if there are more than one Pro-Vice-Chancellor a Pro-Vice-Chancellor appointed by the Executive Council, a nominee of the Visitor and the persons specified in the corresponding entry in column 2 of the said Table and, in the case of appointment of a Professor, Reader or Lecturer in a Department where there is no Head of the Department, shall also consist of a person nominated by the Planning Board from amongst its members:

TABLE

1	2
Professor	(i) The Head of the Department concerned, if he is a Professor. (ii) One Professor to be nominated by the Vice-Chancellor. (iii) Three persons not in the service of the University, nominated by the Executive Council, out of a panel of names recommended by the Academic Council for their special knowledge of or interest in the subject with which the Professor will be concerned.
Reader or Lecturer	(i) The Head of the Department concerned. (ii) One Professor to be nominated by the Vice-Chancellor. (iii) Two persons not in the service of the University, nominated by the Executive Council out of a panel of names recommended by the Academic Council for their special knowledge of or interest in the subject with which the Reader or Lecturer will be concerned.
Librarian	(i) Two persons not in the service of the University, who have special knowledge of the subject of Library Science or Library Administration to be nominated by the Executive Council. (ii) One person, not in the service of the University, nominated by the Executive Council.
Principal of College or Institution maintained by the University.	Three persons not in the service of the University of whom two shall be nominated by Executive Council and one by the Academic Council for their special knowledge of or interest in a subject in which instruction is being provided by the College or Institution.

NOTE 1.—Where the appointment is being made for an inter-disciplinary project, the Head of the project shall be deemed to be the Head of the Department concerned.

NOTE 2.—The Professor to be nominated shall be a Professor concerned with the speciality for which the selection is being made and that the Vice-Chancellor shall consult the Head of the Department and the Dean of School before nominating the Professor.

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(3) The Vice-Chancellor, or in his absence, the Pro-Vice-Chancellor or if there are more than one Pro-Vice-Chancellor, the senior-most Pro-Vice-Chancellor, shall preside at the meetings of a Selection Committee.

(4) The meetings of a Selection Committee shall be convened by the Vice-Chancellor or in his absence, by the Pro-Vice-Chancellor or if there are more than one Pro-Vice-Chancellor, the senior-most Pro-Vice-Chancellor.

(5) The procedure to be followed by a Selection Committee in making recommendations shall be laid down in the Ordinances.

(6) If the Executive Council is unable to accept the recommendations made by a Selection Committee, it shall record its reasons and submit the case to the Visitor for final orders.

(7) Appointments to temporary posts shall be made in the manner indicated below:—

(*i*) If the temporary vacancy is for a duration longer than one academic session, it shall be filled on the advice of the Selection Committee in accordance with the procedure indicated in the foregoing clauses:

Provided that if the Vice-Chancellor is satisfied that in the interests of work it is necessary to fill the vacancy, the appointment may be made on a purely temporary basis by a local Selection Committee referred to in sub-clause (*ii*) for a period not exceeding six months.

(*ii*) If the temporary vacancy is for a period less than a year, an appointment to such vacancy shall be made on the recommendation of a local Selection Committee consisting of the Dean of the School concerned, the Head of the Department and a nominee of the Vice-Chancellor:

Provided that if the same person holds the offices of the Dean and the Head of the Department, the Selection Committee may contain two nominees of the Vice-Chancellor:

Provided further that in case of sudden casual vacancies in teaching posts caused by death or any other reason, the Dean may, in consultation with the Head of the Department concerned make a temporary appointment for a month and report to the Vice-Chancellor and the Registrar about such appointment.

(*iii*) No teacher appointed temporarily shall, if he is not recommended by a regular Selection Committee for appointment under these Statutes, be continued in service on such temporary employment, unless he is subsequently selected by a local Selection Committee or a regular Selection Committee, for a temporary or permanent appointment, as the case may be.

Special mode of appointment.

21. (1) Notwithstanding anything contained in Statute 20, the Executive Council may invite a person of high academic distinction and professional attainments to accept a post of Professor in the University on such terms and conditions as it deems fit, and on the person agreeing to do so, appoint him to the post.

(2) The Executive Council may appoint a teacher or any other academic staff working in any other University or organisation for under-

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taking a joint project in accordance with the manner laid down in the Ordinances.

Appointment for a fixed tenure.

22. The Executive Council may appoint a person selected in accordance with the procedure laid down in Statute 20 for a fixed tenure on such terms and conditions as it deems fit.

Recognised teachers.

23. (*1*) The qualifications of recognised teachers shall be such as may be prescribed by the Ordinances.

(*2*) The manner of recognising teachers and withdrawal of such recognition shall be prescribed by the Ordinances.

(*3*) The period of recognition of a teacher shall be determined by Ordinances made in that behalf.

Committees.

24. Any authority of the University may appoint as many standing or special committees as it may deem fit, and may appoint to such committees persons who are not members of such authority. Any such committee may deal with any subject delegated to it subject to subsequent confirmation by the authority appointing it.

Terms and conditions of service of University teachers.

25. (*1*) All the teachers of the University shall, in the absence of any agreement to the contrary, be governed by the terms and conditions of service as specified in these Statutes, the Ordinances and the Regulations.

(*2*) Every teacher of the University shall be appointed on a written contract, the form of which shall be prescribed by the Ordinances. A copy of the contract shall be deposited with the Registrar.

Seniority lists.

26. (*1*) Whenever, in accordance with these Statutes, any person is to hold an office or be a member of an authority of the University by rotation according to seniority, such seniority shall be determined according to the length of continuous service of such person in his grade, and, in accordance with such other principles as the Executive Council may, from time to time, prescribe.

(*2*) It shall be the duty of the Registrar to prepare and maintain, in respect of each class of persons to whom the provisions of these Statutes apply, a complete and up-to-date seniority list in accordance with the provisions of clause (*1*).

(*3*) If two or more persons have equal length of continuous service in a particular grade or the relative seniority of any person or persons is otherwise in doubt, the Registrar may, on his own motion and shall, at the request of any such person, submit the matter to the Executive Council whose decision thereon shall be final.

Removal of teachers.

27. (*1*) Where there is an allegation of misconduct against a teacher, or a member of the academic staff, the Vice-Chancellor may, if he thinks fit, by order in writing, place the teacher under suspension and shall forthwith report to the Executive Council the circumstances in which the order was made:

Provided that the Executive Council may, if it is of the opinion, that the circumstances of the case do not warrant the suspension of the teacher or a member of the academic staff, revoke such order.

(*2*) Notwithstanding anything contained in the terms of his contract of service or of his appointment, the Executive Council shall be entitled to remove a teacher or a member of the academic staff on the ground of misconduct.

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(3) Save as aforesaid, the Executive Council shall not be entitled to remove a teacher or a member of the academic staff except for good cause and after giving three months' notice in writing or on payment of three months' salary in lieu of notice.

(4) No teacher or a member of the academic staff shall be removed under clause (2) or under clause (3) until he has been given a reasonable opportunity of showing cause against the action proposed to be taken in regard to him.

(5) The removal of a teacher or a member of the academic staff shall require a two-thirds majority of the members of the Executive Council present and voting.

(6) The removal of a teacher or a member of the academic staff shall take effect from the date on which the order of removal is made:

Provided that where a teacher or a member of the academic staff is under suspension at the time of his removal, the removal shall take effect from the date on which he was placed under suspension.

(7) Notwithstanding anything contained in these Statutes, a teacher or a member of the academic staff may resign by giving three months' notice in writing to the Executive Council or on payment to the University of three months' salary in lieu thereof.

Removal of employees other than teachers of the University.

28. (1) Notwithstanding anything contained in the terms of his contract of service or of his appointment, an employee, other than a teacher or a member of the academic staff, may be removed by the authority which is competent to appoint the employee—

(a) if he is of unsound mind or is a deaf-mute or suffers from contagious leprosy;

(b) if he is an undischarged insolvent;

(c) if he has been convicted by a court of law of any offence involving moral turpitude and sentenced in respect thereof to imprisonment for not less than six months;

(d) if he is otherwise guilty of misconduct:

Provided that no employee shall be removed from his office unless a resolution to that effect is passed by the Executive Council by a majority of two-thirds of its members present and voting.

(2) No employee shall be removed under clause (1) until he has been given a reasonable opportunity of showing cause against the action proposed to be taken in regard to him.

(3) Where the removal of such employee is for a reason other than that specified in sub-clause (c) or sub-clause (d) of clause (1), he shall be given three months' notice in writing or paid three months' salary in lieu of such notice.

(4) Notwithstanding anything contained in these Statutes, an employee, not being a teacher or a member of the academic staff, shall be entitled to resign,—

(i) if he is a permanent employee, only after giving three months' notice in writing to the appointing authority or paying to the University three months' salary in lieu thereof;

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(*ii*) if he is not a permanent employee, only after giving one month's notice in writing to the appointing authority or paying to the University one month's salary in lieu thereof:

Provided that such resignation shall take effect from the date on which the resignation is accepted by the appointing authority.

Honorary degrees,

29. (*1*) The Executive Council may, on the recommendation of the Academic Council and by a resolution passed by a majority of not less than two-thirds of the members present and voting, make proposals to the Visitor for the conferment of honorary degrees:

Provided that in case of emergency, the Executive Council may, on its own, make such proposals.

(2) The Executive Council may, by a resolution passed by a majority of not less than two-thirds of the members present and voting, withdraw, with the previous sanction of the Visitor, any honorary degree conferred by the University.

With-drawal of degrees, etc.

30. The Executive Council may, by a special resolution passed by a majority of not less than two-thirds of the members present and voting, withdraw any degree or academic distinction conferred on, or any certificate or diploma granted to, any person by the University for good and sufficient cause:

Provided that no such resolution shall be passed until a notice in writing has been given to that person calling upon him to show cause within such time as may be specified in the notice why such a resolution should not be passed and until his objections, if any, and any evidence he may produce in support of them, have been considered by the Executive Council.

Maintenance of discipline among students of the university.

31. (*1*) All powers relating to discipline and disciplinary action in relation to students of the University shall vest in the Vice-Chancellor.

(2) The Vice-Chancellor may delegate all or any of his powers as he deems proper to a Proctor and to such other officers as he may specify in this behalf.

(3) Without prejudice to the generality of his powers relating to the maintenance of discipline and taking such action, as may seem to him appropriate for the maintenance of discipline, the Vice-Chancellor may, in the exercise of his powers, by order, direct that any student or students be expelled, or rusticated, for a specified period, or be not admitted to a course or courses of study in a College, Institution or Department of the University for a stated period, or be punished with fine for an amount to be specified in the order, or be debarred from taking an examination or examinations conducted by the University, College, Institution or a Department for one or more years, or that the results of the student or students concerned in the examination or examinations in which he or they have appeared be cancelled.

(4) The Principals of Colleges, Institutions, Heads of Special Centres, Deans of Schools of Studies and Heads of teaching Departments in the University shall have the authority to exercise all such disciplinary powers over the students in their respective Colleges, Institutions, Special Centres, Schools and teaching Departments in the University as may

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be necessary for the proper conduct of such Colleges, Institutions, Special Centres, Schools and teaching in the Departments.

(5) Without prejudice to the powers of the Vice-Chancellor, the Principals and other persons specified in clause (4), detailed rules of discipline and proper conduct shall be made by the University. The Principals of Colleges, Institutions, Heads of Special Centres, Deans of Schools of Studies and Heads of teaching Departments in the University may also make the supplementary rules as they deem necessary for the aforesaid purposes. Every student shall be supplied with a copy of the rules made by the University and a copy of the supplementary rules shall be supplied to the students concerned.

(6) At the time of admission, every student shall be required to sign a declaration to the effect that he submits himself to the disciplinary jurisdiction of the Vice-Chancellor and other authorities of the University.

Convocations.

32. Convocations of the University for the conferring of degrees or for other purposes shall be held in such manner as may be prescribed by the Ordinances.

Acting Chairman of meetings.

33. Where no provision is made for a President or Chairman to preside over a meeting of any authority of the University or any Committee of such authority or when the President or Chairman so provided for is absent, the members present shall elect one from among themselves to preside at such meeting.

Resignation.

34. Any member, other than an *ex officio* member of the Court, the Executive Council, the Academic Council or any other authority of the University or any Committee of such authority may resign by letter addressed to the Registrar and the resignation shall take effect as soon as such letter is received by the Registrar.

Disqualifications.

35. (1) A person shall be disqualified for being chosen as, and for being, a member of any of the authorities of the University—

(a) if he is of unsound mind or is a deaf-mute or suffers from contagious leprosy;

(b) if he is an undischarged insolvent;

(c) if he has been convicted by a court of law of an offence involving moral turpitude and sentenced in respect thereof to imprisonment for not less than six months.

(2) If any question arises as to whether a person is or had been subjected to any of the disqualifications mentioned in clause (1), the question shall be referred for the decision of the Visitor and his decision shall be final and no suit or other proceeding shall lie in any civil court against such decision.

Residence condition for membership and office.

36. Notwithstanding anything contained in these Statutes, no person who is not ordinarily resident in India shall be eligible to be an officer of the University or a member of any authority of the University.

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Membership of authorities by virtue of membership of other bodies.

37. Notwithstanding anything contained in these Statutes, a person who holds any post in the University or is a member of any authority or body of the University in his capacity as a member of a particular authority or body or as the holder of a particular appointment shall hold such office or membership only for so long as he continues to be a member of that particular authority or body or the holder of that particular appointment, as the case may be.

Ordinances how made.

38. (1) The first Ordinances made under sub-section (2) of section 26 may be amended, repealed or added to at any time by the Executive Council in the manner specified below.

(2) No Ordinance in respect of the matters enumerated in section 26, other than those enumerated in clause (o) of sub-section (1) thereof, shall be made by the Executive Council unless a draft of such Ordinance has been proposed by the Academic Council.

(3) The Executive Council shall not have power to amend any draft of any Ordinance proposed by the Academic Council under clause (2), but may reject the proposal or return the draft to the Academic Council for re-consideration, either in whole or in part, together with any amendment which the Executive Council may suggest.

(4) Where the Executive Council has rejected or returned the draft of an Ordinance proposed by the Academic Council, the Academic Council may consider the question afresh and in case the original draft is re-affirmed by a majority of not less than two-thirds of the members present and voting and more than half the total number of members of the Academic Council, the draft may be sent back to the Executive Council which shall either adopt it or refer it to the Visitor whose decision shall be final.

(5) Every Ordinance made by the Executive Council shall come into effect immediately.

(6) Every Ordinance made by the Executive Council shall be submitted to the Visitor within two weeks from the date of its adoption. The Visitor shall have the power to direct the University within four weeks of the receipt of the Ordinance to suspend the operation of any such Ordinance and he shall, as soon as possible, inform the Executive Council about his objection to the proposed Ordinance. The Visitor may, after receiving the comments of the University, either withdraw the order suspending the Ordinance or disallow the Ordinance, and his decision shall be final.

Regulations.

39. (1) The authorities of the University may make Regulations consistent with this Act, and these Statutes and the Ordinances:—

(a) laying down the procedure to be observed at their meetings and the number of members required to form a quorum;

(b) providing for all matters which are required by this Act, these Statutes or the Ordinances to be prescribed by Regulations;

(c) providing for all other matters solely concerning such authorities or committees appointed by them and not provided for by this Act, these Statutes or the Ordinances.

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(2) Every authority of the University shall make Regulations providing for the giving of notice to the members of such authority of the dates of meetings and of the business to be considered at meetings and for the keeping of a record of the proceedings of meetings.

(3) The Executive Council may direct the amendment in such manner as it may specify, of any Regulation made under this Statute or the annulment of any such Regulation.

Delegation of powers.

40. Subject to the provisions of this Act and these Statutes, any officer or authority of the University may delegate his or its powers to any other officer or authority or person under his or its respective control and subject to the condition that overall responsibility for the exercise of the powers so delegated shall continue to vest in the officer or authority delegating such powers.

K. K. SUNDARAM,
Secy. to the Govt. of India.

Attested

30/9/11

सहायक निर्यंत्रक (प्रशासन)
भारत सरकार, प्रकाशन विभाग
सेविल लाइन्स, दिल्ली-54

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Part-3: I – Basic information of the University

g.	**Complete Accreditation status of the Universities by National Assessment & Accreditation Council (NAAC)**



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
University of Hyderabad
Hyderabad, Andhra Pradesh as
Accredited
with CGPA of 3.72 on four point scale
at A grade
valid up to February 20, 2019

Date : February 21, 2014

Director

EC/66/RAR/145

Part-3: I – Basic information of the University

g. Complete Accreditation status of the Universities by National Assessment & Accreditation Council (NAAC)

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : University of Hyderabad

Place : Hyderabad, Andhra Pradesh

Criteria	*Weightage* (W_i)	*Criterion-wise Weighted Grade Point* ($Cr\,WGP_i$)	*Criterion-wise Grade Point Averages* ($Cr\,WGP_i / W_i$)
I. *Curricular Aspects*	150	530	3.53
II. *Teaching-Learning and Evaluation*	200	760	3.80
III. *Research, Consultancy and Extension*	250	980	3.92
IV. *Infrastructure and Learning Resources*	100	380	3.80
V. *Student Support and Progression*	100	340	3.40
VI. *Governance, Leadership & Management*	100	330	3.30
VII. *Innovations and Best Practices*	100	400	4.00
Total	$\sum_{i=1}^{7} w_i = 1000$	$\sum_{i=1}^{7} (Cr\,WGP_i) = 3720$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^{7} (Cr\,WGP_i)}{\sum_{i=1}^{7} W_i} = \frac{3720}{1000} = 3.72$$

Grade = A *Descriptor* = VERY GOOD

Date : February 21, 2014

Director

- This certification is valid for a period of *Five* years with effect from February 21, 2014
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer

EC/66/RAR/145

Part-3: I – Basic information of the University

g.	**Complete Accreditation status of the Universities by National Institutional Ranking Framework (NIRF)**



Part-3: I – Basic information of the University


Ministry of Human Resource Development
Government of India

nirf

National Institutional Ranking Framework

India Rankings 2017

University of Hyderabad

ranked 7 in University Category

CHAIRMAN, NBA

MEMBER SECRETARY, NBA


Ministry of Human Resource Development
Government of India

nirf

National Institutional Ranking Framework

India Rankings 2017

University of Hyderabad

ranked 14 in Overall Category

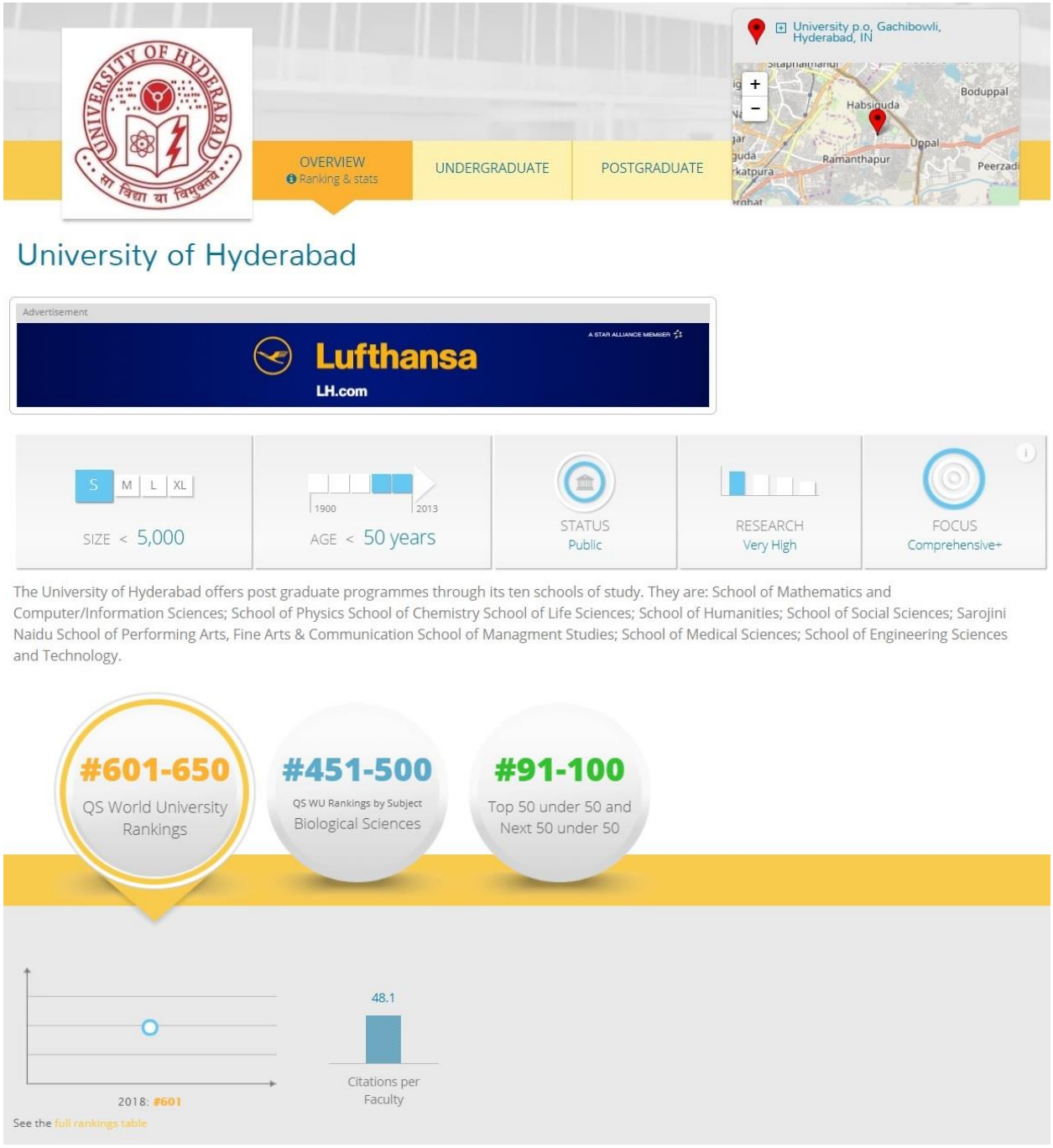
CHAIRMAN, NBA

MEMBER SECRETARY, NBA

Part-3: I – Basic information of the University

g.	QS World Ranking

https://www.topuniversities.com/universities/university-hyderabad#wurs



Part-3: I – Basic information of the University

h. Names of the disciplines with specified justification – Courses offered by University

School	Program of Study	Subject of Study
College for Integrated Studies	I.M.Sc.	Mathematical Sciences
		Physics
		Chemical Sciences
		Systems Biology
		Health Psychology
		Earth Sciences
	I.M.A.	Hindi
		Telugu
		Urdu
		Language Sciences
		Economics
		History
		Political Sciences
		Sociology
		Anthropology
School of Mathematics and Statistics	M.Sc.	Mathematics
	Ph.D	Mathematics
	M.Sc.	Applied Mathematics
	Ph.D	Applied Mathematics
	M.Sc.	Statistics-OR
	Ph.D	Statistics-OR
School of Computer & Information Sciences	M.C.A.	Computer Applications
	M.Tech.	Computer Science
	M.Tech.	Artificial Intelligence
	M.Tech.	Information Technology
	Int. B.Tech/M.Tech	B.Tech-M.Tech
	Ph.D	Computer Science
School of Physics	M.Sc.	Physics
	Ph.D	Physics
Advanced Centre of Research in High Energy Materials (ACRHEM)	Ph.D	ACRHEM
University Centre for Earth and Space Sciences	M.Sc.	Ocean and Atmospheric Sciences
	M.Tech.	Earth and Space Sciences
	Ph.D	Earth and Space Sciences
Centre for Advanced Studies in Electronics Science and Technology	M.Tech.	Integrated Circuit Technology
	Ph.D	Electronic Science

Part-3: I – Basic information of the University

School of Chemistry	M.Sc.	Chemistry
	Ph.D	Chemistry
Department of Biochemistry	M.Sc.	Biochemistry
	Ph.D	Biochemistry
Department of Plant Sciences	M.Sc.	Plant Biology & Biotechnology
	Ph.D	Plant Sciences
	M.Sc.	Molecular Microbiology
Department of Animal Biology	M.Sc.	Animal Biotechnology
	Ph.D	Animal Sciences
Department of Biotechnology & Bioinformatics	M.Sc.	Biotechnology
	Ph.D	Biotechnology
	M.Tech	Bioinformatics
	Int. M.Sc./Ph.D.	Integrated M.Sc/Ph.D. Biotechnology
Department of English	M.A.	English
	M.Phil	English
	Ph.D	English
Department of Philosophy	M.A.	Philosophy
	M.Phil	Philosophy
	Ph.D	Philosophy
Department of Hindi	M.A.	Hindi
	M.Phil	Hindi
	Ph.D	Hindi
Department of Telugu	M.A.	Telugu
	M.Phil	Telugu
	Ph.D	Telugu
Department of Urdu	M.A.	Urdu
	M.Phil	Urdu
	Ph.D	Urdu
Center for Applied Linguistics and Translation Studies	M.A.	Applied Linguistics
	M.Phil	Applied Linguistics
	Ph.D	Applied Linguistics
	M.Phil	Translation Studies
	Ph.D	Translation Studies
Center for Comparative Literature	M.A.	Comparative Literature
	M.Phil	Comparative Literature
	Ph.D	Comparative Literature
Department of Sanskrit Studies	Ph.D	Sanskrit Studies
Center for English Language Studies (CELS)	M.A.	English Language Studies

Part-3: I – Basic information of the University

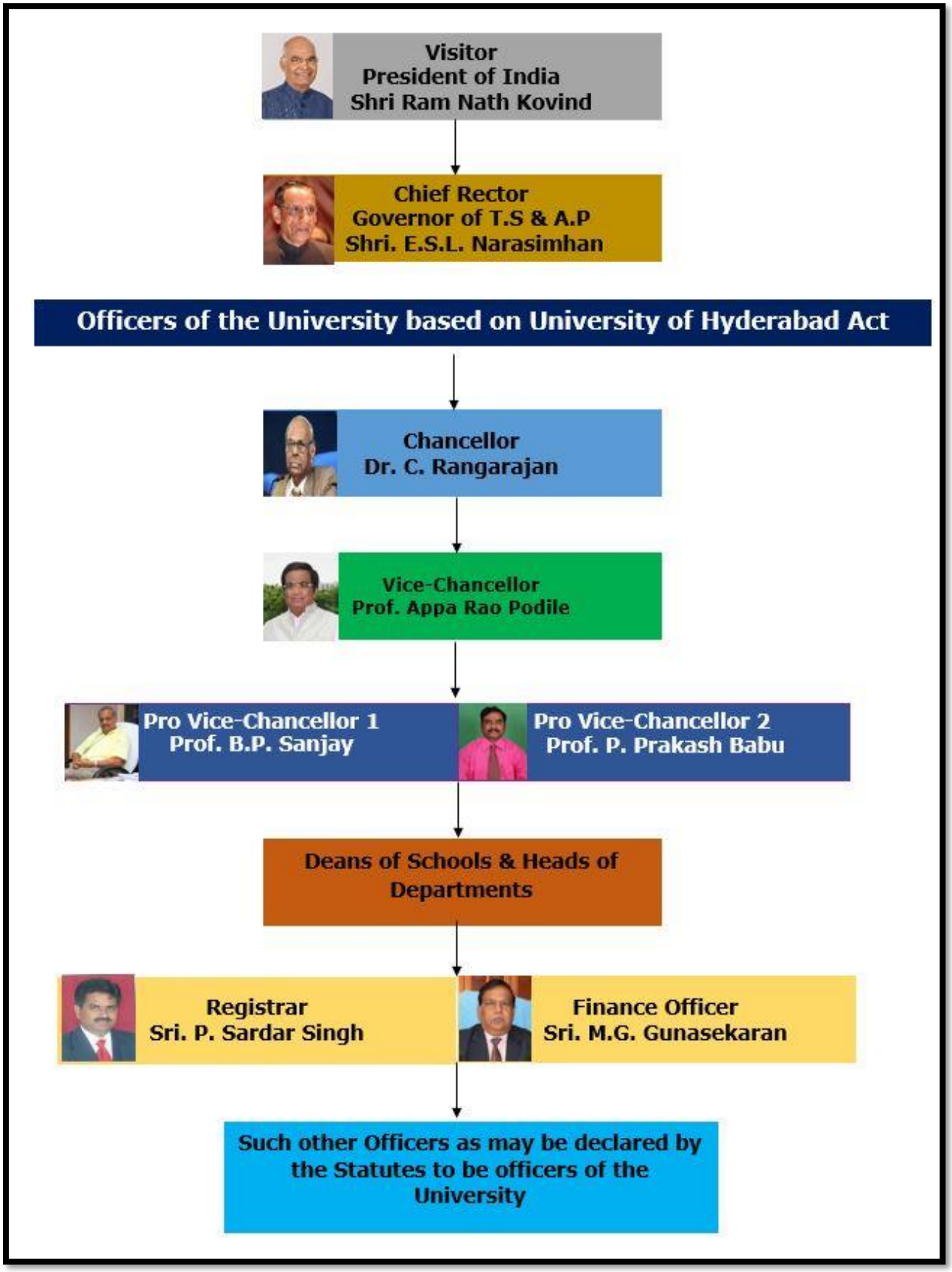
	M.Phil	English Language Studies
	Ph.D	English Language Studies
Center for Dalit & Adivasi Studies and Translation	M.Phil	Dalit and Adivasi Studies and Translation
	Ph.D	Dalit and Adivasi Studies and Translation
Centre for Endangered Languages and Mother Tongue Studeis (CELMTS) Endangered Studies	Ph.D	Language Endangered Studies
Department of History	M.A.	History
	M.Phil	History
	Ph.D	History
Department of Political Sciences	M.A.	Political Sciences
	M.Phil	Political Sciences
	Ph.D	Political Sciences
Department of Sociology	M.A.	Sociology
	M.Phil	Sociology
	Ph.D	Sociology
Department of Anthropology	M.A.	Anthropology
	M.Phil	Anthropology
	Ph.D	Anthropology
Centre for Regional Studies	M.Phil	Regional Studies
	Ph.D	Regional Studies
Social Exclusive & Inclusive Policy	M.Phil	Social Exclusive and Inclusive Policy
	Ph.D	Social Exclusive and Inclusive Policy
Centre for the Study of Indian Diaspora	M.Phil	Indian Diaspora
	Ph.D	Indian Diaspora
Center for Folk Culture Studies	Ph.D	Folk Culture Studies
Center for Human Rights	Ph.D	Humanrights
Science Technology & Social Studies	Ph.D.	Science Technology & Social Studies
Center for Gender Studies	Ph.D	Gender Studies
School of Economics	M.A.	Economics
	M.A.	Financial Economics
	M.Phil	Economics
	Ph.D	Economics
Department of Dance	M.P.A	Dance
	Ph.D.	Dance
Department of Theater Arts	M.P.A.	Theater Arts
Department of Fine Arts	M.F.A.	Painting
	M.F.A.	Printmaking
	M.F.A.	Sculpture

Part-3: I – Basic information of the University

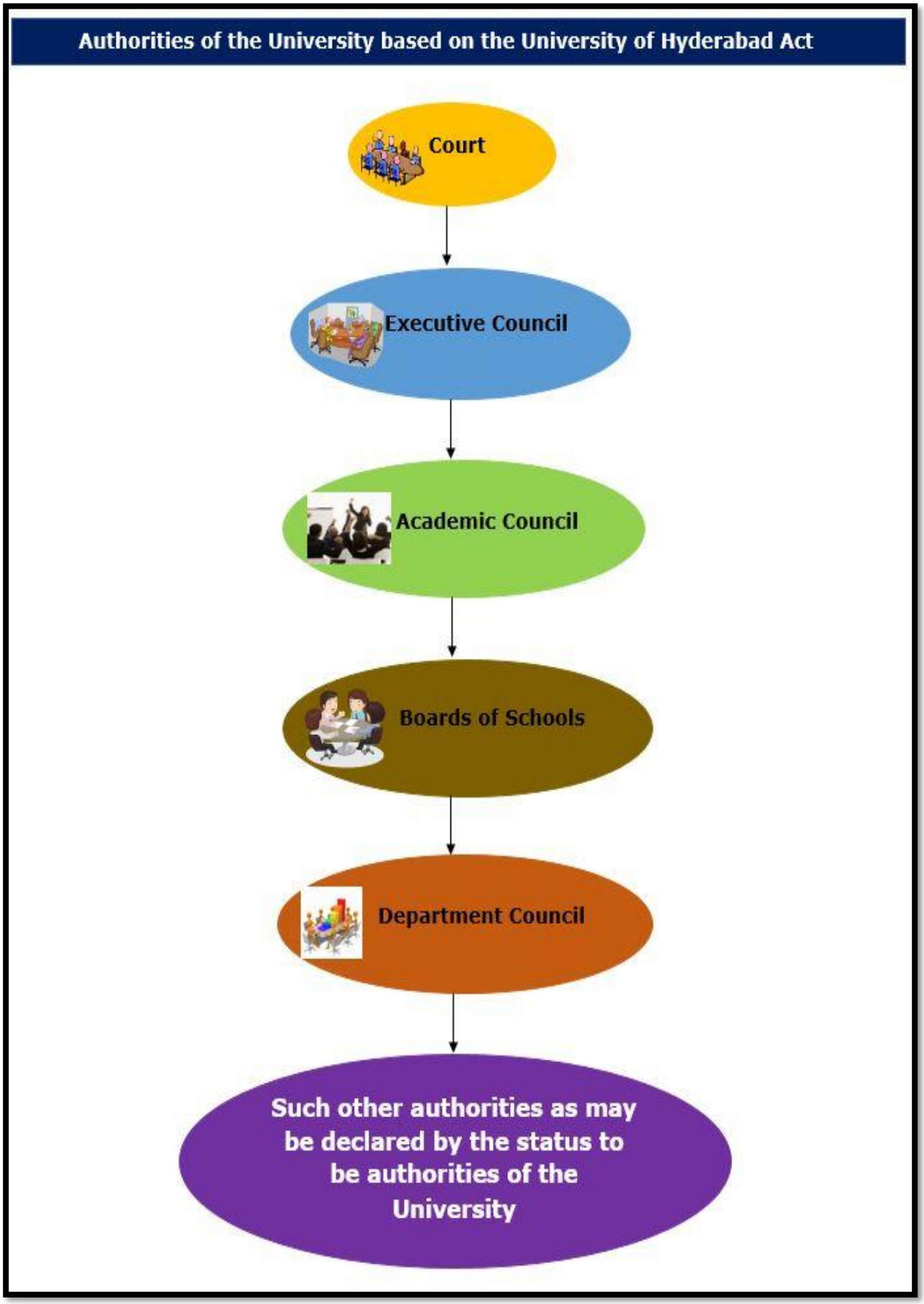
	M.F.A.	Art History
Department of Communication	P.G. Diploma	Health Communication
	M.A.	Communication
	Ph.D.	Communication
School of Management Studies	M.B.A.	General
	M.B.A.	Health Care and Hospital Management
	M.B.A.	Business Analytics
	Ph.D.	Management Studies
School of Medical Sciences	Ph.D.	Medical Sciences
	Ph.D.	Nursing
	M.P.H.	Master of Public Health
	Ph.D	Public Health
	Ph.D	Bio Medical Sciences
	Ph.D	Optometry & Vision Sciences
Center for Health Psychology	M.Sc.	Health Psychology
	Ph.D.	Psychology
Center for Neural and Cognitive Science	M.Sc.	Neural & Cognitive Sciences
	Int., M.Phil.Ph.D	Cognitive Sciences
	Ph.D	Cognitive Sciences
School of Engineering Sciences and Technology (SEST)	M.Tech	Material Engineering
	Ph.D	Material Engineering

Part-3: II – Administration Structure

a. Details of Organisation and its structure



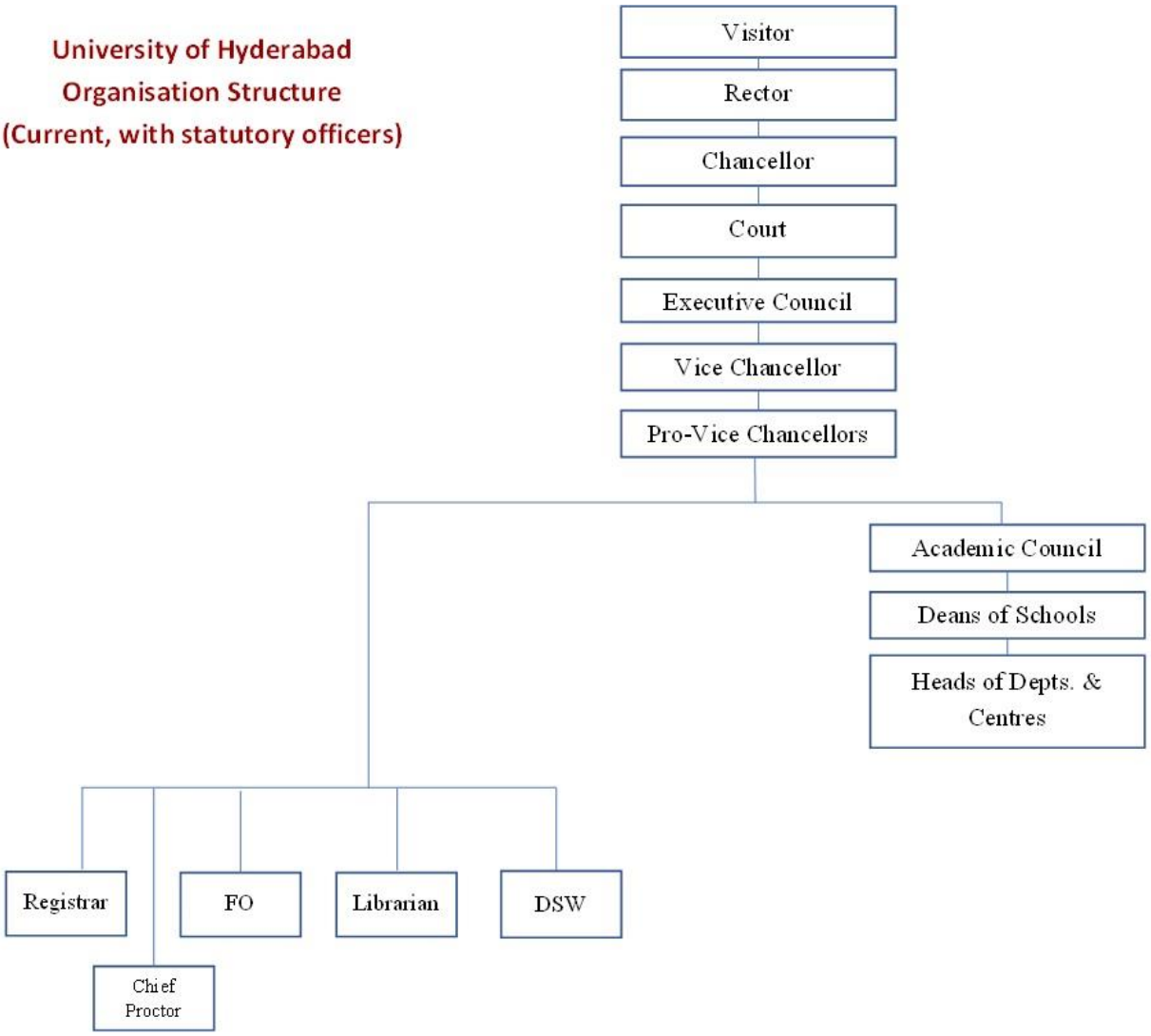
Part-3: II – Administration Structure



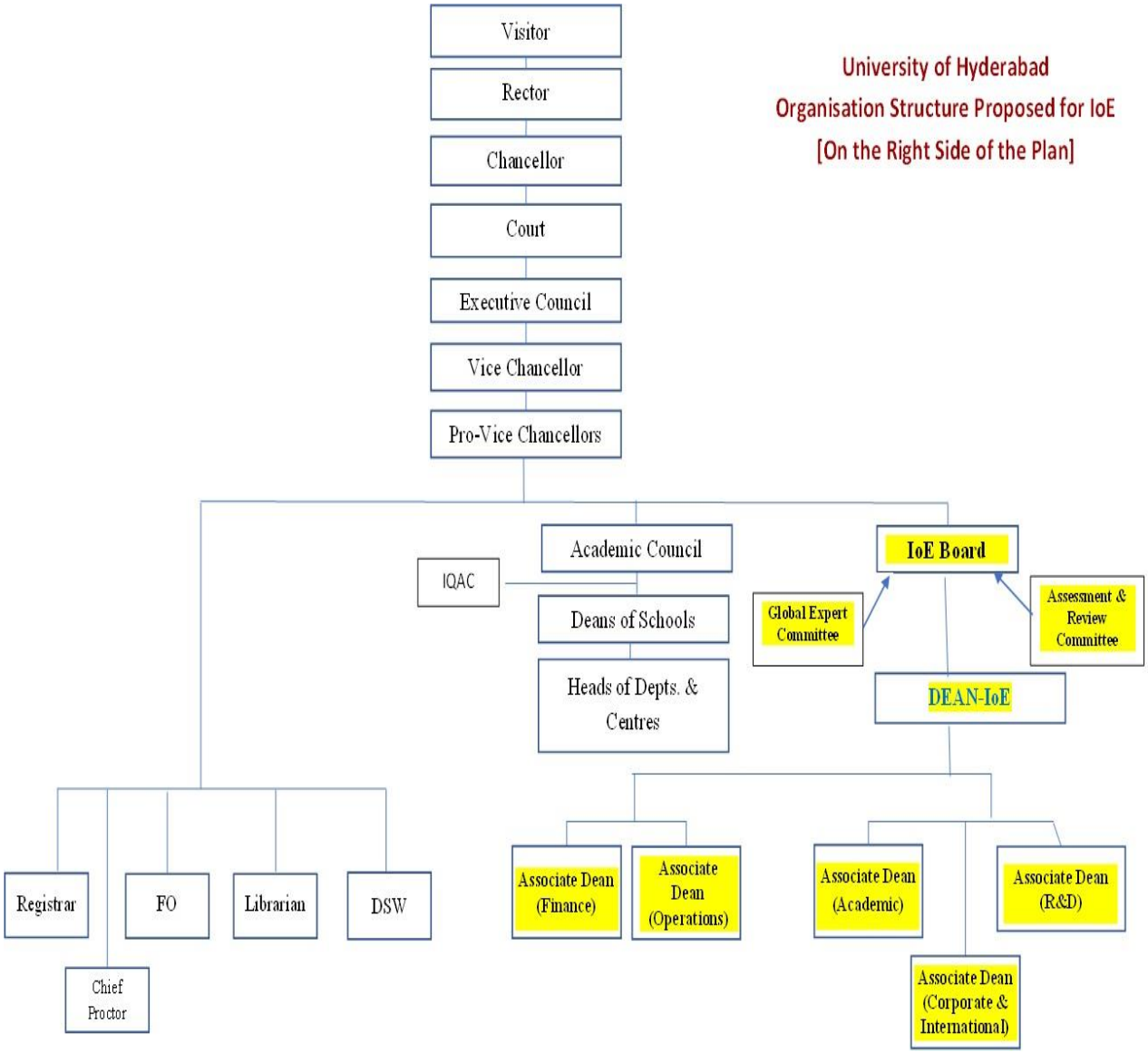
Part-3: II – Administration Structure

a. Details of Organisation and its structure

University of Hyderabad
Organisation Structure
(Current, with statutory officers)



Part-3: II – Administration Structure



Part-3: III – Existing Academic Details

a. Name of the Schools / Departments / Centres offering PG courses

Schools offering PG courses	
1.	Sarojini Naidu School of Arts and Communication
2.	School of Chemistry
3.	School of Computer & Information Sciences
4.	School of Economics
5.	School of Engineering Sciences and Technology (SEST)
6.	School of Humanities
7.	School of Life Sciences
8.	School of Management Studies
9.	School of Mathematics and Statistics
10.	School of Medical Sciences
11.	School of Physics
12.	School of Social Sciences

Departments offering PG courses	
1.	College of Integrated Studies
2.	Department of Animal Biology
3.	Department of Anthropology
4.	Department of Biochemistry
5.	Department of Biotechnology & Bioinformatics
6.	Department of Communication
7.	Department of Dance
8.	Department of English
9.	Department of Fine Arts
10.	Department of Hindi
11.	Department of History
12.	Department of Philosophy
13.	Department of Plant Sciences
14.	Department of political Sciences
15.	Department of Sociology
16.	Department of Telugu
17.	Department of Theatre Arts
18.	Department of Urdu

Centres offering PG courses	
1.	Centre for Applied Linguistics and Translation Studies
2.	Centre for Comparative Literature
3.	Centre for English Language Studies (CELS)
4.	Centre for Neural and Cognitive Science

Part-3: III – Existing Academic Details

b. No of courses offered at PG Level (63)

Courses Offered at PG Level

1.	I.M.A	Hindi
2.	I.M.A	Telugu
3.	I.M.A	Urdu
4.	I.M.A	Language Sciences
5.	I.M.A	Economics
6.	I.M.A	History
7.	I.M.A	Political Sciences
8.	I.M.A	Sociology
9.	I.M.A	Anthropology
10.	I.M.Sc.	Mathematical Sciences
11.	I.M.Sc.	Physics
12.	I.M.Sc.	Chemical Sciences
13.	I.M.Sc.	Systems Biology
14.	I.M.Sc.	Optometry & Vision Sciences
15.	I.M.Sc.	Health Psychology
16.	I.M.Sc.	Earth Sciences
17.	M.A.	English
18.	M.A.	Philosophy
19.	M.A.	Hindi
20.	M.A.	Telugu
21.	M.A.	Urdu
22.	M.A.	Applied Linguistics
23.	M.A.	Comparative Literature
24.	M.A.	English Language Studies
25.	M.A.	History
26.	M.A.	Political Sciences
27.	M.A.	Sociology
28.	M.A.	Anthropology
29.	M.A.	Economics
30.	M.A.	Financial Economics
31.	M.A.	Communication
32.	M.B.A.	General
33.	M.B.A.	Health Care and Hospital Management
34.	M.B.A.	Business Analytics
35.	M.C.A.	Computer Applications
36.	M.F.A.	Painting
37.	M.F.A.	Printmaking
38.	M.F.A.	Sculpture
39.	M.F.A.	Art History
40.	M.P.A	Dance
41.	M.P.A.	Theatre Arts
42.	M.P.H.	Master of Public Health
43.	M.Sc.	Mathematics
44.	M.Sc.	Applied Mathematics
45.	M.Sc.	Statistics-OR
46.	M.Sc.	Physics
47.	M.Sc.	Ocean and Atmospheric Sciences
48.	M.Sc.	Chemistry
49.	M.Sc.	Biochemistry
50.	M.Sc.	Plant Biology & Biotechnology
51.	M.Sc.	Molecular Microbiology
52.	M.Sc.	Animal Biotechnology
53.	M.Sc.	Biotechnology
54.	M.Sc.	Health Psychology
55.	M.Sc.	Neural
56.	M.Sc.	Cognitive Sciences
57.	M.Tech	Computer Science
58.	M.Tech	Artificial Intelligence
59.	M.Tech	Information Technology
60.	M.Tech	Integrated Circuit Technology
61.	M.Tech	Earth and Space Sciences
62.	M.Tech	Bioinformatics
63.	M.Tech	Material Engineering

Part-3: III – Existing Academic Details

c. Name of Courses offered in Distance Education

Courses offered in Distance Education	
1.	P.G. Diploma in Business Management
2.	P.G. Diploma Chemical Analysis & Quality Mangt.
3.	P.G. Diploma in Communicative English
4.	P.G. Diploma in Criminal Justice and Forensic Science
5.	P.G. Diploma in Cyber Laws & Intellectual Property Rights
6.	P.G. Diploma in Energy Management
7.	P.G. Diploma in Governance
8.	P.G. Diploma in Human Rights
9.	P.G. Diploma in Library Automation and Networking
10.	P.G. Diploma in Medicinal Botany
11.	P.G. Diploma in Project Management
12.	P.G. Diploma in Telecommunication
13.	P.G. Diploma in Technology Management In Agriculture
14.	P.G. Diploma in Telecom Technology Management

Part-3: III – Existing Academic Details

d. Details of Students enrolled PG / Ph.D. / Other Courses during the last three years (2015-18)

d.1. Details of Students enrolled in PG Courses during the last three years (2015-18)

Sl No	Program of Study	Subject of Study	2015-16	2016-17	2017-18
1.	I.M.A	Hindi	6	6	8
2.	I.M.A	Telugu	15	16	14
3.	I.M.A	Urdu	0	3	0
4.	I.M.A	Language Sciences	15	14	15
5.	I.M.A	Economics	13	15	13
6.	I.M.A	History	9	12	11
7.	I.M.A	Political Sciences	12	14	12
8.	I.M.A	Sociology	11	11	13
9.	I.M.A	Anthropology	13	14	10
10.	I.M.Sc.	Mathematical Sciences	15	14	14
11.	I.M.Sc.	Physics	18	16	17
12.	I.M.Sc.	Chemical Sciences	16	17	18
13.	I.M.Sc.	Systems Biology	12	17	16
14.	I.M.Sc.	Health Psychology	16	16	14
15.	I.M.Sc.	Earth Sciences	6	9	9
16.	Int.B.Tech/ M.Tech	B.Tech-M.Tech	11	10	19
17.	M.A.	English	43	44	48
18.	M.A.	Philosophy	27	23	23
19.	M.A.	Hindi	38	38	39
20.	M.A.	Telugu	47	46	45
21.	M.A.	Urdu	11	7	8
22.	M.A.	Applied Linguistics	23	21	24
23.	M.A.	Comparative Literature	13	15	15
24.	M.A.	English Language Studies	0	0	16
25.	M.A.	History	51	49	56
26.	M.A.	Political Sciences	54	53	57
27.	M.A.	Sociology	60	55	52
28.	M.A.	Anthropology	30	32	30
29.	M.A.	Economics	61	67	67
30.	M.A.	Financial Economics	0	0	31
31.	M.A.	Communication	43	43	40
32.	M.B.A.	General	54	61	60
33.	M.B.A.	Health Care and Hospital Management	22	32	30
34.	M.B.A.	Business Analytics	0	0	33
35.	M.C.A.	Computer Applications	39	57	60
36.	M.F.A.	Painting	12	15	15
37.	M.F.A.	Printmaking	7	8	8

Part-3: III – Existing Academic Details

Sl No	Program of Study	Subject of Study	2015-16	2016-17	2017-18
38.	M.F.A.	Sculpture	8	8	8
39.	M.F.A.	Art History	5	7	8
40.	M.P.A	Dance	9	14	16
41.	M.P.A.	Theater Arts	0	15	16
42.	M.P.H.	Master of Public Health	37	31	31
43.	M.Sc.	Mathematics	38	44	44
44.	M.Sc.	Applied Mathematics	0	0	0
45.	M.Sc.	Statistics-OR	18	16	18
46.	M.Sc.	Physics	47	50	49
47.	M.Sc.	Ocean and Atmospheric Sciences	10	11	10
48.	M.Sc.	Chemistry	43	50	48
49.	M.Sc.	Biochemistry	17	24	25
50.	M.Sc.	Plant Biology & Biotechnology	18	17	18
51.	M.Sc.	Molecular Microbiology	9	10	13
52.	M.Sc.	Animal Biotechnology	17	19	18
53.	M.Sc.	Biotechnology	15	15	20
54.	M.Sc.	Health Psychology	10	9	10
55.	M.Sc.	Neural	0	0	7
56.	M.Sc.	Cognitive Sciences	0	0	6
57.	M.Tech	Computer Science	30	33	33
58.	M.Tech	Artificial Intelligence	24	20	24
59.	M.Tech	Information Technology	25	17	13
60.	M.Tech	Integrated Circuit Technology	15	14	18
61.	M.Tech	Earth and Space Sciences	5	0	0
62.	M.Tech	Bioinformatics	21	15	5
63.	M.Tech	Material Engineering	18	4	13
		Total	**1262**	**1313**	**1431**

Part-3: III – Existing Academic Details

d.2. Details of Students enrolled in Ph.D. Courses during the last three years (2015-18)

Sl No	Program of Study	Subject of Study	2015-16	2016-17	2017-18
1.	Int.M.Phil./Ph.D	Cognitive Sciences	8	6	0
2.	Int.M.Sc./Ph.D.	Integrated M.Sc/Ph.D. Biotechnology	6	6	5
3.	M.Phil	English	10	4	2
4.	M.Phil	Philosophy	12	11	12
5.	M.Phil	Hindi	22	23	24
6.	M.Phil	Telugu	23	0	0
7.	M.Phil	Urdu	24	25	24
8.	M.Phil	Applied Linguistics	10	1	5
9.	M.Phil	Translation Studies	7	0	5
10.	M.Phil	Comparative Literature	9	9	6
11.	M.Phil	English Language Studies	6	3	3
12.	M.Phil	Dalit and Adivasi Studies and Translation	5	6	6
13.	M.Phil	History	10	8	10
14.	M.Phil	Political Sciences	17	16	15
15.	M.Phil	Sociology	10	11	11
16.	M.Phil	Anthropology	8	8	8
17.	M.Phil	Regional Studies	4	3	4
18.	M.Phil	Social Exclusive and Inclusive Policy	12	13	6
19.	M.Phil	Indian Diaspora	6	2	0
20.	M.Phil	Economics	33	33	25
21.	Ph.D.	Mathematics	3	1	4
22.	Ph.D.	Applied Mathematics	0	0	1
23.	Ph.D.	Statistics-OR	1	0	1
24.	Ph.D.	Computer Science	15	15	14
25.	Ph.D.	Earth and Space Sciences	9	5	6
26.	Ph.D.	ACRHEM	11	0	0
27.	Ph.D.	Physics	21	8	38
28.	Ph.D.	Optometry & Vision Sciences	0	0	2
29.	Ph.D.	Electronic Science	3	0	4
30.	Ph.D.	Chemistry	31	33	64
31.	Ph.D.	Biochemistry	14	7	14
32.	Ph.D.	Plant Sciences	16	17	22
33.	Ph.D.	Animal Sciences	17	8	23
34.	Ph.D.	Animal Biology	0	0	1
35.	Ph.D.	Biotechnology	10	14	21
36.	Ph.D.	English	8	5	10
37.	Ph.D.	Philosophy	7	3	4
38.	Ph.D.	Hindi	16	15	4
39.	Ph.D.	Telugu	16	22	14
40.	Ph.D.	Urdu	8	8	4
41.	Ph.D.	Applied Linguistics	7	5	1
42.	Ph.D.	Translation Studies	7	5	0
43.	Ph.D.	Comparative Literature	6	4	2

Part-3: III – Existing Academic Details

44.	Ph.D.	Sanskrit Studies	1	1	3
45.	Ph.D.	English Language Studies	6	5	5
46.	Ph.D.	Dalit and Adivasi Studies and Translation	2	2	2
47.	Ph.D.	Language Endangered Studies	2	0	0
48.	Ph.D.	History	8	9	10
49.	Ph.D.	Political Sciences	13	15	14
50.	Ph.D.	Sociology	10	8	8
51.	Ph.D.	Anthropology	9	8	8
52.	Ph.D.	Regional Studies	4	3	4
53.	Ph.D.	Social Exclusive and Inclusive Policy	10	8	5
54.	Ph.D.	Indian Diaspora	4	4	0
55.	Ph.D.	Folk Culture Studies	5	2	4
56.	Ph.D.	Humanrights	2	2	0
57.	Ph.D.	Science Technology & Social Studies	1	0	0
58.	Ph.D.	Gender Studies	7	0	4
59.	Ph.D.	Economics	27	33	21
60.	Ph.D.	Dance	3	3	3
61.	Ph.D.	Communication	6	4	6
62.	Ph.D.	Management Studies	16	14	16
63.	Ph.D.	Optometry & Vision Sciences	14	21	16
64.	Ph.D.	Medical Sciences	0	1	0
65.	Ph.D.	Nursing	0	0	2
66.	Ph.D.	Cognitive Sciences	0	4	2
67.	Ph.D.	Psychology	2	2	2
68.	Ph.D.	Public Health	0	0	2
69.	Ph.D.	Bio Medical Sciences	0	0	2
70.	Ph.D.	Material Engineering	3	3	7
		Total	**623**	**515**	**571**

d.3. Details of Students enrolled in Other Courses during the last three years (2015-18)

Sl No	Program of Study	Subject of Study	2015-16	2016-17	2017-18
1.	P.G. Diploma	Health Communication	3	0	0
		Total	**3**	**0**	**0**

Part-3: III – Existing Academic Details

d. Details of Foreign Students enrolled PG / Ph.D. Courses during the last three years (2015-18)

d.1. Details of Foreign Students enrolled in PG Courses during the last three years (2015-18)

Sl No	Program of Study	Subject of Study	2015-16	2016-17	2017-18
1.	I.M.A	Economics	1	2	0
2.	I.M.Sc.	Systems Biology	0	1	0
3.	Int.B.Tech/ M.Tech	B.Tech-M.Tech	1	0	0
4.	M.A.	Philosophy	1	0	0
5.	M.A.	Political Sciences	0	1	0
6.	M.A.	Sociology	1	0	0
7.	M.A.	Anthropology	0	0	1
8.	M.A.	Economics	0	1	3
9.	M.A.	Financial Economics	0	0	1
10.	M.C.A.	Computer Applications	0	1	0
11.	M.Sc.	Mathematics	0	0	2
12.	M.Sc.	Physics	0	2	0
13.	M.Sc.	Biochemistry	1	0	0
14.	M.Tech	Material Engineering	0	1	0
		Total	**5**	**9**	**7**

d.2. Details of Students enrolled in Ph.D. Courses during the last three years (2015-18)

Sl No	Program of Study	Subject of Study	2015-16	2016-17	2017-18
1.	Ph.D	Computer Science	0	1	0
2.	Ph.D	Biotechnology	1	0	0
3.	Ph.D	Applied Linguistics	1	0	0
4.	M.Phil	Comparative Literature	1	0	0
5.	Ph.D	Comparative Literature	1	0	0
6.	Ph.D	Economics	1	2	0
7.	Ph.D.	Management Studies	0	0	1
8.	Ph.D	Optometry & Vision Sciences	1	0	0
		Total	**6**	**3**	**1**

Part-3: III – Existing Academic Details

h. Number of the existing faculty as against sanctioned positions

Sl. No.	Name of the School / Centre / Department	Sanctioned	Existing
1	School of Mathematics and Statistics	27	15
2	School of Computer and Information Sciences	32	30
3	School of Physics	40	31
	Advanced Centre of Research in High Energy Materials (ACRHEM)	18	7
	University Centre for Earth and Space Sciences (UCESS)	7	5
4	School of Chemistry	37	28
5	School of Life Sciences		
	Department of Biochemistry	16	12
	Department of Plant Sciences	18	15
	Department of Animal Biology	15	13
	Department of Biotechnology and Bioinformatics	14	14
6	School of Humanities		
	Department of English	18	13
	Department of Philosophy	13	9
	Department of Hindi	14	11
	Department of Telugu	14	11
	Department of Urdu	12	7
	Department of Sanskrit Studies	4	2
	Centre for Applied Linguistics & Translation Studies	17	14
	Centre for Comparative Literature	4	3
	Centre for English Language Studies	6	6
	Centre for Classical Language (Telugu)	1	0
7	School of Social Sciences		
	Department of History	16	15
	Department of Political Science	23	19
	Department of Sociology	16	13
	Department of Anthropology	10	8
	Department of Education and Education Technology	7	0
	Centre for Regional Studies	4	3
	Centre for Folk Culture Studies	4	4
	Centre for Social Exclusion and Inclusive Policy	6	5
	Centre for the Study of Indian Diaspora	2	2
	Centre for Knowledge, Culture & Innovation Studies	1	0
	Centre for Women's Studies	3	2
8	School of Economics	30	21
9	Sarojini Naidu School of Arts and Communication		
	Department of Dance	6	4
	Department of Theatre Arts	7	7
	Department of Fine Arts	7	7
	Department of Communication	10	10

Part-3: III – Existing Academic Details

	Department of Music	**4**	**0**
10	School of Management Studies	**18**	**13**
11	School of Medical Sciences	**12**	**10**
	Centre for Health Psychology	**9**	**7**
	Centre for Neural and Cognitive Sciences	**5**	**4**
12	School of Engineering Sciences and Technology	**17**	**8**
13	UGC-HRDC	**3**	**2**
14	Chair Professor/ Unassigned	**5**	**5**
15	Re-distribution of 20 positions	**20**	**1**
		572	**416**

Part-3: III – Existing Academic Details

h. Department-wise details of the faculties

School of Mathematics and Statistics

Sl. No	Name of the Faculty	Designation	Qualification	Pay Scale	Experience (Years - M)
1.	Dr. B.Sri Padmavati	Professor	Ph.D. (Hyderabad) - Fluid Dynamics	37400-67000 +AGP 10000	16 Y-10 M
2.	Dr. R.Radha	Professor	Ph.D. (IIT, Bombay) - Fluid Dynamics	37400-67000 +AGP 10000	13 Y-03 M
3.	Dr. G.L.Reddy	Professor	Ph.D. (Madras) - Complex Analysis and Applications	37400-67000 +AGP 10000	32 Y-03 M
4.	Dr.Madhuchhanda Bhattacharjee	Professor	Ph.D. (Pune University) - Bayesian Modelling, Bioinformatics, Genetics, Reliability Survival Analysis	37400-67000 +AGP 10000	06 Y-
5.	Dr. B.Shobha	Associate Professor	Ph.D. (IIT, Delhi) - Statistical Inference and Reliability	37400-67000 +AGP 9000	31 Y-07 M
6.	Dr. M.Sumanth Dutt	Associate Professor	Ph.D. (Hyderabad) - Hopf Algebras, Algebraic Groups	37400-67000 +AGP 9000	19 Y-03 M
7.	Dr. T.K. Subramanyan Mathathu	Associate Professor	Ph.D. (Hyderabad) - Topological Dynamics	37400-67000 +AGP 9000	10 Y-02 M
8.	Dr. S. Ilangavan	Associate Professor	Ph.D. (TIFR, Mumbai) - Lie Algebras and Representation Theory	37400-67000 +AGP 9000	05 Y-03 M
9.	Dr. Saroj Panigrahi	Associate Professor	Ph.D. (Berhampur) - Differential Equations	37400-67000 +AGP 9000	10 Y-08 M
10.	Dr.T.Suman Kumar	Assistant Professor	Ph.D. (Universite Pierre et Marie Curie) - Nonlinear population dynamics, Hyperbolic PDE	15600-39100 +AGP 6000	06 Y-11 M
11.	Dr.Tathagata Sengupta	Assistant Professor	Ph.D. (Brandeis) - Elliptic Curves and Arithmetic Geometry	15600-39100 +AGP 6000	04 Y-10 M
12.	Dr. Mohan Namdev Chintamani	Assistant Professor	Ph.D. (HRI, Allahabad) - Combinatorial Number Theory	15600-39100 +AGP 6000	04 Y-10 M
13.	Dr. Archana Subhash Morye	Assistant Professor	Ph.D. (HRI, Allahabad) - Algebraic Geometry	15600-39100 +AGP 6000	04 Y-09 M
14.	Dr. Manjunath Bangalore Govinda Raju	Assistant Professor	Ph.D. (Germany) – Extreme Value Theory	15600-39100 +AGP 6000	7 M
15.	Dr. Perikala Chinranjeevi	Assistant Professor	Ph.D.	15600-39100 +AGP 6000	4 M

School of Computer and Information Sciences

Sl. No	Name of the Faculty	Designation	Qualification	Pay Scale	Experience (Years - M)
1.	Dr. A.K.Pujari	Professor	Ph.D. (I.I.T.Kanpur) - Combinatorial Algorithms, Data Mining, Artificial	37400-67000 +AGP 10000	31 Y 10 M

Part-3: III – Existing Academic Details

			Intelligence		
2.	Dr. Arun Agarwal	Professor	Ph.D. (I.I.T, Delhi), B.Tech. (I.I.T Delhi), SMIEEE, FIETE, FAPAS - Image Processing, Computer Vision, Pattern Recognition and Neural Networks, Grid Computing	37400-67000 +AGP 10000	19 Y 03 M
3.	Dr. Hrushikesha Mohanty	Professor	Ph.D. (I.I.T.Kharagpur) - Distributed Computing, Software Engineering, Computational Social Science	37400-67000 +AGP 10000	23 Y 03 M
4.	Dr. C.Raghavendra Rao	Professor	Ph.D. (Osmania University) - Simulation &Modeling, Knowledge Discovery, Computational Intelligence	37400-67000 +AGP 10000	30 Y 11 M
5.	Dr. P.N.Girija	Professor	Ph.D. (SVU) – Speech Synthesis, Speech Recognition, Human Computer Interaction, User Interfaces	37400-67000 +AGP 10000	30 Y 11 M
6.	Dr. K.Narayana Murthy	Professor	Ph.D. (UoH) - Natural Language Engineering	37400-67000 +AGP 10000	25 Y 10 M
7.	Dr. C.Bhagavathi	Professor	Ph.D. (RPI, USA) - Image Processing, Computer Vision, Pattern Recognition	37400-67000 +AGP 10000	19 Y 02 M
8.	Dr. S.Bapi Raju	Professor	Ph.D. (UTA, USA) - Neural Networks, Cognitive Modeling, Pattern Recognition,Machine Learning	37400-67000 +AGP 10000	18 Y 06 M
9.	Dr. Atul Negi	Professor	Ph.D. (UoH), M.S.(I.I.Sc., Bangalore) - Pattern Recognition and its Applications, Computational Intelligence, Technology Enhanced Learning	37400-67000 +AGP 10000	24 Y 10 M
10.	Dr. Rajeev Wankar	Professor	Ph.D. (DAVV, Indore) – Parallel Computing, Grid Computing, Analysis of Algorithms	37400-67000 +AGP 10000	13 Y 03 M
11.	Dr. Siba Kumar Udgata	Professor	Ph.D. (Berhampur) - Mobile Computing, Networks and Architecture	37400-67000 +AGP 10000	10 Y 07 M
12.	Dr. Alok Singh	Professor	D.Phil. (Univ of Allahabad) - Combinatorial Optimization using Heuristic & Metaheuristic techniques	37400-67000 +AGP 10000	10 Y 08 M
13.	Dr. Vineet C Padmanabhan Nair	Professor	Ph.D. (Griffith University, Australia) - Knowledge Representation and Reasoning, Multi-Agent Systems, Logics in Artificial	37400-67000 +AGP 10000	10 Y 03 M

Part-3: III – Existing Academic Details

			Intelligence		
14.	Dr. S. Durga Bhavani	Associate Professor	Ph.D. (UoH) - Analysis of Algorithms, Fractal Geometry, Mathematical Modeling	37400-67000 +AGP 9000	17 Y
15.	Dr. T. Sobha Rani	Associate Professor	Ph.D. (UoH) - Bioinformatics, Machine Learning Techniques, Advanced Data Structures	37400-67000 +AGP 9000	17 Y
16.	Dr. V.China Venkaiah	Associate Professor	Ph.D. (I.I.Sc, Bangalore) – Discrete Mathematics, Algorithms, Cryptography	37400-67000 +AGP 9000	05 Y 03 M
17.	Dr. Salman Abdul Moiz	Associate Professor	Ph.D. (Osmania University) – Distributed Computing, Software Engineering, Disaster Recovery	37400-67000 +AGP 9000	05 Y 03 M
18.	Dr. K. Swarupa Rani	Associate Professor	Ph.D. (Acharya Nagarjuna University), Data Mining, Time-Variant Databases, Machine Learning	37400-67000 +AGP 9000	10 Y 08 M
19.	Dr. Povar Digambar	Associate Professor	Ph.D. (BITS, Pilani), M.Tech. (NIT, Warangal), B.Tech. (Andhra University) – Digital Forensics, Cloud Computing, Cyber Security	37400-67000 +AGP 9000	08 M
20.	Dr. Y.V.Subba Rao	Assistant Professor	Ph.D. (UoH) - Cryptography, Theory of Computation, DBMS, Data Forensics	37400-67000 +AGP 8000	13 Y 04 M
21.	Sri Wilson Naik Bhukya	Assistant Professor	M.Tech. (JNTU Hyderabad) - Network Forensics, Systems Security, Networking	37400-67000 +AGP 7000	13 Y 03 M
22.	Dr. P. Anupama	Assistant Professor	Ph.D. (UoH), M.S. (UMBC, USA) - Networking, Operating Systems and Graph Mathematical Morphology	15600-39100 +AGP 6000	13 Y 03 M
23.	Ms M. Nagamani	Assistant Professor	M.Tech. (JNTU, Hyderabad) - Speech Processing, Information Retrieval, Intelligent tutoring system, Cognitive psychology, Embedded Systems	15600-39100 +AGP 7000	10 Y 09 M
24.	Dr. P.S.V.S.Sai Prasad	Assistant Professor	Ph.D. (UoH) - Data Mining, Rough Sets, Unix and Network Programming	15600-39100 +AGP 7000	10 Y 09 M
25.	Mr Rajendra Prasad Lal	Assistant Professor	Ph.D. (Utkal University) - Graph Algorithms, Mathematical Programming, Computational Geometry	15600-39100 +AGP 6000	10 Y 05 M
26.	Dr. N.Rukma Rekha	Assistant Professor	Ph.D. (Andhra University) - Object Oriented Analysis and Design, UML, Cryptography,	15600-39100 +AGP 7000	10 Y 05 M

Part-3: III – Existing Academic Details

			Pervasive Computing, Software Engineering		
27.	Sri Anjaneya Swami Kare	Assistant Professor	M.Tech. (IIT-Kanpur) - Graph Theory, Algorithms, Data Structures, Theory of Computation	15600-39100 +AGP 6000	06 Y 10 M
28.	Dr. N. Naveen	Assistant Professor	PhD (UoH), MTech (SE), B.Tech (CSIT),– Data Mining, Neural Networks, Optimization	15600-39100 +AGP 6000	08 M
29.	Dr. Md. Abdul Saifulla	Assistant Professor	PhD (Anna University), MS (IITM),– Computer Networks, Algorithms	15600-39100 +AGP 6000	08 M
30.	Dr. Avatharam Ganivada	Assistant Professor	PhD (Calcutta Univ), MTech(Andhra University), MSc(Andhra University), – Machine Learning, Softcomputing	15600-39100 +AGP 6000	07 M

	School of Physics				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years M)**
1.	Dr. Bindu A Bambah	Professor	Ph.D. (Chicago) –Quantum Field Theory, Neutrino Physics and Quantum Entanglement (T)	37400-67000 +AGP 10000	24 Y 03 M
2.	Dr. V.Seshubai	Professor	Ph.D. (I.I.T. Madras) - Condensed Matter Physics (E), Superconductivity, Intermetallics, Rapid prototyping and Gelcasting of ceramic & metallic components (E)	37400-67000 +AGP 10000	31 Y 08 M
3.	Dr. Ashok Chatterjee	Professor	Ph.D. (IACS, Jadavpur)-Condensed Matter Physics (T)-Low-dimensional systems, Strongly correlated systems, Superconductivity (T)	37400-67000 +AGP 10000	27 Y 05 M
4.	Dr. M.Sivakumar	Professor	Ph.D. (Madras) - Quantum Field Theory (T)	37400-67000 +AGP 10000	27 Y 04 M
5.	Dr. G.Rajaram	Professor	Ph.D. (TIFR, Mumbai) Micro-electronics, Device Fabrication, Condensed Matter Physics	37400-67000 +AGP 10000	31 Y 04 M
6.	Dr. P.K.Suresh	Professor	Ph.D. (Cochin)-Cosmology(T)	37400-67000 +AGP 10000	21 Y 02 M
7.	Dr. K.C.James Raju	Professor	Ph.D. (IIT Madras) Materials, Devices, Simulations & Measurement Techniques for Microwave and THz frequency range, Micro-	37400-67000 +AGP 10000	21 Y 06 M

Part-3: III – Existing Academic Details

			machined Sensors, Ferroelectric Thin Films, Laser –Matter Interactions for material processing, Nano Electronics & Condensed Matter Physics		
8.	Dr. M.Ghanshyam Krishna	Professor	Ph.D. (I.I.Sc.) Nanostructured Materials, Thin Films, Sensors, and Devices	37400-67000 +AGP 10000	16 Y 06 M
9.	Dr. P.Anantha Lakshmi	Professor	Ph.D. (UoH) – Quantum Optics, Quantum Information (T)	37400-67000 +AGP 10000	24 Y 04 M
10.	Dr. Suneel Singh	Professor	Ph.D. (UoH) - Quantum Optics, Non-linear Optics (T)	37400-67000 +AGP 10000	24 Y 04 M
11.	Dr. Nirmal Kumar Viswanathan	Professor	Ph.D. (UoH) – Singular Optics, Optical Angular Momentum and Near- Field Optics (E)	37400-67000 +AGP 10000	11 Y 01 M
12.	Dr. Rukmani Mohanta	Professor	Ph.D. (Utkal) -High Energy Physics, Heavy Flavour Physics, Neutrino Physics (T)	37400-67000 +AGP 10000	17 Y
13.	Dr. Samrat Lagnajeet Sabat	Professor	Ph.D. (Berhampur) Digital Signal Processing, Cognitive radio network, VLSI Signal Processing	37400-67000 +AGP 10000	12 Y 11 M
14.	Dr. S.Srinath	Professor	Ph.D. (UoH) - Condensed matter physics, Magnetic nanostructures. Multilayers/thin films, Magnetic oxides, Multiferroics (E)	37400-67000 +AGP 10000	11 Y 04 M
15.	Dr. Surajit Dhara	Professor	Ph.D. (RRI Bangalore) – Soft Matter and living systems, Soft Matter Photonics (E & T)	37400-67000 +AGP 10000	11 Y 06 M
16.	Dr. E. Harikumar	Professor	Ph.D. (UoH. Hyderabad) - Quantum field theory and Gravity (T)	37400-67000 +AGP 10000	11 Y 02 M
17.	Dr. S.V.S.Nageswara Rao	Professor	Ph.D. (UoH) Electronic Materials and Devices: Fabrication, Ion beam studies, Radiation damage and Reliability studies	37400-67000 +AGP 10000	06 Y 10 M
18.	Dr. B.V.R. Tata	Professor	Ph.D.	37400-67000 +AGP 10000	07 M
19.	Sharath Ananthamurthy	Professor	Ph.D.	37400-67000 +AGP 10000	01 Month
20.	Dr. Ashoka S Udayagiri	Associate Professor	Ph.D. (UoH) – Quantum Optics. Laser Cooling, Quantum Information, ferrofluids (E)	37400-67000 +AGP 9000	11 Y 04 M
21.	Dr. Soma Sanyal	Assistant Professor	Ph.D. (IoP, Bhubaneswar) - Cosmology, Heavy - ion	15600-39100 +AGP 7000	07 Y 10 M

Part-3: III – Existing Academic Details

			Collisions (T)		
22.	Dr. A. Rajani Kanth	Assistant Professor	Ph.D. (University of Tsukuba, NIMS - Japan) – Spintronic Devices (E)	15600-39100 +AGP 6000	04 Y 7 M
23.	Dr. Gorige Venkataiah	Assistant Professor	Ph.D. (Osmania) - Condensed Matter Physics, Magnetic Materials & Multiferroics, Electric field control of Magnetism (E)	15600-39100 +AGP 6000	03 Y 10 M
24.	Dr. Shyamal Biswas	Assistant Professor	Ph.D. (IACS, Kolkata) - Statistical & Condensed Matter Physics (T)	15600-39100 +AGP 6000	03 Y 10 M
25.	Dr. Barilang Mawlong	Assistant Professor	Ph.D.(UoH) – Theoretical High Energy Physics (T)	15600-39100 +AGP 7000	03 Y 10 M
26.	Dr. Naraharisetty Sri Ram Gopal	Assistant Professor	Ph.D. (Tulane University, New Orleans) Ultrafast spectroscopy, Laser Surface patterning (E)	15600-39100 +AGP 7000	03 Y 07 M
27.	Dr. Jayeeta Lahiri	Assistant Professor	Ph.D. (University of South Florida) – Experimental Condensed Matter Physics, Surface and Material Science (E)	15600-39100 +AGP 6000	03 Y 05 M
28.	Dr. Vijaya Sankar Rao Pasupureddi	Assistant Professor	Ph.D. (IIT Kharagpur) Analog, RF and Mixed-Signal Integrated Circuits, and Systems	15600-39100 +AGP 6000	08 M
29.	Dr. Kollu Pratap	Assistant Professor	Ph.D. (Chungnam National University, South Korea) Materials for Magnetic and Bio-sensors, energy storage, Lab-on-Chip Biosensors	15600-39100 +AGP 6000	07 M
30.	Dr. Naslim Neelamkodan	Assistant Professor	Ph.D.	15600-39100 +AGP 6000	04 M

	School of Physics - Centre for Advanced Studies in Electronics Science and Technology (CASEST)				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. G.Rajaram	Professor	***Faculty for Centre for Advanced Studies in Electronics Science and Technology (CASEST) are drawn from School of Physics. Hence their details are shown in School of Physics***		
2.	Dr. K.C.James Raju	Professor			
3.	Dr. M.Ghanshyam Krishna	Professor			
4.	Dr. Samrat Lagnajeet Sabat	Professor			
5.	Dr. S.V.S.Nageswara Rao	Professor			
6.	Dr. Vijaya Sankar Rao Pasupureddi	Assistant Professor			
7.	Dr. Kollu Pratap	Assistant Professor			

	School of Physics - Advanced Centre of Research in High Energy Materials (ACRHEM)				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**

Part-3: III – Existing Academic Details

1.	Dr. Anil Kumar Chaudhary	Professor	Ph.D. (Burdwan) - Laser Spectroscopy and Nonlinear Optics	37400-67000 +AGP 10000	10 Y 06 M
2.	Dr. S.Venugopal Rao	Professor	Ph.D. (Hyderabad) – Ultrafast Laser Spectroscopy, Ultrafast Ablation, Femtosecond Laser Induced Breakdown Spectroscopy, Coherent Anti-Stokes Raman Spectroscopy, Laser Direct Writing, Surface Enhanced Raman Spectroscopy, Ultrafast Nonlinear Optics	37400-67000 +AGP 10000	10 Y 10 M
3.	Dr. P.Premkiran	Assistant Professor	Ph.D. (Hyderabad) - Laser - matter interaction, Spatio-temporal evolution of laser-induced shock waves; Propagation of Ultra short, intense femtosecond pulses in transparent media; Nonlinear Optics	15600-39100 +AGP 8000	10 Y 07 M
4.	Dr. G.Manoj Kumar	Assistant Professor	Ph.D. (Hyderabad) - Laser induced breakdown spectroscopy, Combustion modeling	15600-39100 +AGP 8000	10 Y 06 M
5.	Dr. G.S.Vaitheeswaran	Assistant Professor	Ph. D. (Anna University) Solid state theory, Material Science, Magnetism, Superconductivity, High-Pressure Studies, elastic and mechanical properties investigated using first-principles density functional calculations (DFT)	15600-39100 +AGP 7000	08 Y 03 M

	School of Physics - University Centre for Earth and Space Sciences (UCESS)				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. M. Jayananda	Professor	Ph.D.	37400-67000 +AGP 10000	03 Y 02 M
2.	Dr. Karumuri Ashok	Professor	Ph.D.	37400-67000 +AGP 10000	03 Y 03 M
3.	Dr. K.S. Krishna	Professor	Ph.D.	37400-67000 +AGP 10000	03 M
4.	Dr. V.Chakravarthi	Associate Professor	Ph.D.	37400-67000 +AGP 9000	06 Y 08 M
5.	Dr. S. Sri Lakshmi	Assistant Professor	Ph.D.	15600-39100 +AGP 7000	09 Y 11 M

	School of Chemistry				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**

Part-3: III – Existing Academic Details

1.	Dr. M. Periasamy	Professor	Ph.D. (IISc, Bangalore), F.A.Sc., F.N.A. – Organic Chemistry, Organometallics and Chiral Reagents, Renewable energy source	37400-67000 +AGP 10000	35 Y 03 M
2.	Dr. M. Durga Prasad	Professor	Ph.D. (Calcutta), F.A.Sc. – Theoretical/Chemistry: Quantum Dynamics and Many Body Theories	37400-67000 +AGP 10000	31 Y 10 M
3.	Dr. T.P. Radhakrishnan	Professor	Ph.D. (Princeton) F.A.Sc., F.N.A.Sc., F.N.A. Materials Chemistry, Computational Chemistry	37400-67000 +AGP 10000	28 Y 04 M
4.	Dr. Ashwini Nangia	Professor	Ph.D. (Yale), F.A.Sc., F.N.A.Sc., F.N.A. – Supramolecular Chemistry, Crystal Engineering,Cocrystals and Polymorphism	37400-67000 +AGP 10000	28 Y 03 M
5.	Dr. K.C. Kumara Swamy	Professor	Ph.D. (IISc, Bangalore) F.A.Sc., F.N.A. – Organic/Inorganic Chemistry, Organophosphorus Chemistry	37400-67000 +AGP 10000	28 Y
6.	Dr. Anunay Samanta	Professor	Ph.D. (Jadavpur) F.A.Sc., F.N.A.Sc., F.N.A. Physical Chemistry, Photochemistry, Fluorescence Spectroscopy, Time-resolved Spectroscopy	37400-67000 +AGP 10000	27 Y 10 M
7.	Dr. Samudranil Pal	Professor	Ph.D. (Jadavpur) – Coordination and Organometallic Chemistry	37400-67000 +AGP 10000	24 Y 10 M
8.	Dr. M.J. Swamy	Professor	Ph.D. (IISc, Bangalore) F.A.Sc., F.N.A.Sc. – Biophysical Chemistry	37400-67000 +AGP 10000	24 Y 10 M
9.	Dr. Samar Kumar Das	Professor	Ph.D. (IIT, Kanpur), F.A.Sc. – Inorganic and Supramolecular Chemistry	37400-67000 +AGP 10000	16 Y 11 M
10.	Dr. K.Lalitha Guruprasad	Professor	Ph.D. (Osmania) – Structural Biology	37400-67000 +AGP 10000	17 Y
11.	Dr. Abani K. Bhuyan	Professor	Ph.D. (Univ. of Pennsylvania) – NMR Spectroscopy, Physics and Biology of Biological Molecules	37400-67000 +AGP 10000	17 Y
12.	Dr. Susantha Mahapatra	Professor	Ph.D. (IIT, Kanpur), F.A.Sc., F.N.A.Sc. – Theoretical Chemical Dynamics, Non-adiabatic Chemistry	37400-67000 +AGP 10000	17 Y
13.	Dr. D.B.Ramachary	Professor	Ph.D. (IISc, Bangalore) – Synthetic Organic Chemistry, Engineering Asymmetric Organocatalysis, Theoretical	37400-67000 +AGP 10000	12 Y 09 M

Part-3: III – Existing Academic Details

			Aspects of Organocatalysis and engineering multi-catalysis cascade (MCC) reactions		
14.	Dr. Tushar Jana	Professor	Ph.D. (Jadavpur) – Polymer Chemistry and Materials Science	37400-67000 +AGP 10000	12 Y 09 M
15.	Dr. R. Nagarajan	Professor	Ph.D. (Madras) – Organic Chemistry: Heterocyclic Chemistry and Natural Products	37400-67000 +AGP 10000	12 Y 09 M
16.	Dr. Pradeepta Kumar Panda	Professor	Ph.D. (IISc, Bangalore) – Synthesis and Exploration of Chemical, Material and Biological Aspects of Porphyrinoids	37400-67000 +AGP 10000	12 Y 09 M
17.	Dr. R. Balamurugan	Professor	Ph.D. (IIT, Kanpur)-Synthetic Organic Chemistry: Transition metal and Brønsted acid catalyzed reactions; Design and synthesis of compounds for biological and material applications	37400-67000 +AGP 10000	10 Y 07 M
18.	Dr. R. Chandrasekhar	Professor	Ph.D. (Max-Planck) – Nano Materials Chemistry	37400-67000 +AGP 10000	09 Y 10 M
19.	Dr. Akhila Kumar Sahoo	Professor	Ph.D. (NCL, Pune) – Organic Chemistry, Material/Medicinal Chemistry, Organometallic Chemistry	37400-67000 +AGP 10000	09 Y 10 M
20.	Dr. K. Muralidharan	Professor	Ph.D. (IIT, Kanpur) – Inorganic Chemistry, Nano Materials and Polymers	37400-67000 +AGP 10000	10 Y 03 M
21.	Dr. Viswanathan Baskar	Professor	Ph.D. (IIT, Kanpur) – Organometallic Heavier Main Group Chemistry, Organolanthanides & Lanthanide oxo clusters	37400-67000 +AGP 10000	10 Y 01 M
22.	Dr. P.Ramu Sridhar	Associate Professor	Ph.D. (IISc, Bangalore) – Synthetic Carbohydrate Chemistry	37400-67000 +AGP 9000	10 Y
23.	Dr. M. Sathiyendiran	Associate Professor	Ph.D. (IIT, Bombay)-Inorganic Chemistry-Supramolecular Chemistry	37400-67000 +AGP 9000	03 Y 01 Month
24.	Dr. Debashish Barik	Assistant Professor	Ph. D. (Jadavpur) – Non-equilibrium statistical mechanics in chemistry and biology	15600-39100 +AGP 6000	04 Y 03 M
25.	Dr. Jovan Jose K.V.	Assistant Professor	Ph.D. (University of Pune) – Theoretical and Computational Chemistry	15600-39100 +AGP 6000	10 M

Part-3: III – Existing Academic Details

26.	Dr. Murali Banavoth	Assistant Professor	Ph.D. (IISc Bangalore) – Solar Energy Materials and Solar Cells. Perovskite, Organic, Inorganic, Quantum dot Solar Cells and Photovoltaics. Materials Chemistry	15600-39100 +AGP 6000	10 M
27.	Dr. Manju Sharma	Assistant Professor	Ph.D. (IISc Bangalore) – Computational Chemistry	15600-39100 +AGP 6000	10 M
28.	Dr. Srinivasarao Yaragorla	Assistant Professor	Ph.D. (Kakitiya University) – Synthetic Organic Chemistry	15600-39100 +AGP 6000	10 M

	School of Life Sciences – Department of Biochemistry				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr K.V.A.Ramaiah	Professor	Ph.D. (JNU). FNASc., FAS-AP Gene expression, protein synthesis regulation in eukaryotes, protein phosphorylation, protein and cellular homeostasis	37400-67000 +AGP 10000	36 Y 11 M
2.	Dr N.Siva Kumar	Professor	Ph.D. (Mysore) FAS-AP - Glycobiology, Protein biochemistry, Cell and Molecular Biology, Structure function relationships of plant, animal lectins and glycosidases)	37400-67000 +AGP 10000	31 Y 1 M
3.	Dr Krishnaveni Mishra	Professor	Ph.D. (JNU) – Epigenetic gene regulation and functional organization of the nucleus	37400-67000 +AGP 10000	12 Y 10 M
4.	Dr Sharmistha Banerjee	Professor	Ph.D. (UoH) – Molecular pathogenesis and immunology of HIV, Mycobacterium tuberculosis (M.tb) and M.tb-HIV co-infection	37400-67000 +AGP 10000	10 Y 10 M
5.	Dr M.K.Bhattacharyya	Professor	Ph.D. (TIFR) – Biochemical, cellular and molecular basis of parasitism of human malarial parasite: Genome stability and organization; genetic and epigenetic control of virulence gene expression; telomere dynamics in gene silencing	37400-67000 +AGP 10000	10 Y 7 M
6.	Dr Naresh Babu V Sepuri	Professor	Ph.D. (UoH) – Mitochondrial Biogenesis and Disease, Protein and tRNA import into mitochondria, Mitochondrial mediated oxidative stress	37400-67000 +AGP 10000	9 Y 11 M
7.	Dr. M. Bramanandam	Associate	Ph.D. (SKU) – Molecular and	37400-67000	10 Y 3 M

Part-3: III – Existing Academic Details

		Professor	Cell Biology, Signal transduction and Oncology	+AGP 9000	
8.	Dr. G. Ravi Kumar	Associate Professor	Ph.D. - (IARI) - Stem Cell Biology, Developmental Biology, Signal transduction, Epigenetics, Gene Regulation, Apoptosis, Molecular and translational medicine	37400-67000 +AGP 9000	6 Y 10 M
9.	Dr. Seema Mishra	Assistant Professor	Ph.D (JNU) Computational Biology and Systems Biology of diseases	15600-39100 +AGP 7000	6 Y 10 M
10.	Dr. Mohd. Akif	Assistant Professor	Ph.D. (Manipal University) - Structural Biology, X-ray Crystallography Structural and functional characterization of biologically important proteins	15600-39100 +AGP 7000	6 Y 8 M
11.	Dr. P. Anil Kumar	Assistant Professor	Ph.D. (Osmania University) - Structural and functional analysis of podocyte proteome, transcription factors (ZEB2, WT1) expression and mechanism in health and disease (diabetes and obesity)	15600-39100 +AGP 7000	3 Y 3 M
12.	Dr. Santosh Kumar Padhi	Assistant Professor	Ph.D. (IIT Madras), - Biocatalysis, Protein engineering, Enzymes for organic/asymmetric synthesis, Engineering enzymes for synthesis of pharmaceutical intermediates, lipid modification and industrial applications	15600-39100 +AGP 7000	2 Y 8 M

	School of Life Sciences – Department of Plant Sciences				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr M.N.V.Prasad	Professor	Ph.D. (Lucknow), FLS (London), FNIE, D.Sc. (h.c.; Colombo) -Environmental Biotechnology, Plant Ecophysiology, Heavy Metal Stress in Plants, Bioresource Technology, Medicinal Plants	37400-67000 +AGP 10000	32 Y 3 M
2.	Dr P.B.Kirti	Professor	Ph.D. (Andhra), FNA, FNAAS, FNASc, FAP-AS - Plant Molecular Biology, Plant Genetic Engineering	37400-67000 +AGP 10000	18 Y 8 M
3.	Dr P.Appa Rao	Professor	Ph.D. (Sardar Patel) FASc, FNASc, FNAAS, FAS-TS, FPSI,	37400-67000 +AGP 10000	28 Y 8 M

Part-3: III – Existing Academic Details

			FAMI and Tata Innovation Fellow (DBT) - Molecular Plant Microbe Interactions		
4.	Dr K. Seshagirirao	Professor	M.Phil.; Ph.D. (UoH), FRAS - Protein Biochemistry, Glycobiology, Medicinal Botany, Plant Systematics, Diversity and Conservation; Bioenergy Resources; Global Biodiversity Informatics	37400-67000 +AGP 10000	24 Y 4 M
5.	Dr Ch.Venkata Ramana	Professor	Ph.D. (Osmania), Tata Innovation Fellow (DBT) - Bacterial Diversity and Metabolomics	37400-67000 +AGP 10000	16 Y 11 M
6.	Dr G.Padmaja	Professor	Ph.D. (Osmania) - Plant Genetics, Plant Tissue Culture, and Biotechnology	37400-67000 +AGP 10000	24 Y 4 M
7.	Dr S.Rajagopal	Professor	Ph.D. (SVU), FNASc, FAS-AP- Structural Biology, Protein Biochemistry, Proteomics - Protein Drug Interactions	37400-67000 +AGP 10000	12 Y 2 M
8.	Dr T.Sarada Devi	Professor	Ph.D. (UoH) - Metabolomics of Medicinal Plants and their Evaluation for Pharmacological Activities	37400-67000 +AGP 10000	10 Y 4 M
9.	Dr Ragiba Makandar	Professor	Ph.D. (IARI, New Delhi) - Plant Molecular Genetics, Plant Microbe Interactions & Functional Genomics	37400-67000 +AGP 10000	8 Y 10 M
10.	Dr. K.Gopinath	Associate Professor	Ph.D. (S.V. University) - Molecular Plant Virology, Construction of PTGS Vectors & Cell Biology	37400-67000 +AGP 9000	8 Y 11 M
11.	Dr. Irfan Ahmad Ghazi	Assistant Professor	Ph.D. (JamiaHarmdard) - Rice Functional Genomics and Indian Traditional Medicinal Plants	15600-39100 +AGP 8000	10 Y 5 M
12.	Dr. Sreelakshmi Y	Assistant Professor	Ph.D. (UoH) - Tomato Functional Genomics, Proteomics, Plant Development	15600-39100 +AGP 8000	10 Y 5 M
13.	Dr. Rahul Kumar	Assistant Professor	Ph.D. (University of Delhi-South Campus) – Functional Genomics, Hormone Signaling, Plant Biotechnology	15600-39100 +AGP 6000	9 M
14.	Dr. Jogi Madhuprakash	Assistant Professor	Ph.D. (UoH) – Protein Biochemistry, Glycobiology; Discovery, Engineering and Applications of Novel Enzymes	15600-39100 +AGP 6000	9 M

	School of Life Sciences – Department of Animal Biology				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**

Part-3: III – Existing Academic Details

1.	Dr Dayananda Siddavattam	Professor	Ph.D. (SV University), FNA, FNASc, FAPAS – Bacterial small RNAs, post-transcriptional regulation, bacterial horizontal gene transfer, catabolomics, metabolic engineering, biotransformation and biodegradation	37400-67000 +AGP 10000	12 Y 11 M
2.	Dr Aparna Dutta Gupta	Professor	Ph.D. (BHU), FNA, FASc., FNASc, FAPAS – Molecular physiology and biotechnology, biointensive-integrated insect pest management	37400-67000 +AGP 10000	34 Y 5 M
3.	Dr P.Reddanna	Professor	Ph.D. (SV University) – Eicosanoids, Inflammation and Cancer	37400-67000 +AGP 10000	27 Y 6 M
4.	Dr Manjula Sritharan	Professor	Ph.D .(Univ. of Hull, UK) – Infection biology, host-pathogen interactions – Iron acquisition by pathogenic mycobacteria and Leptospira spp. & evaluation of candidate markers as sero-diagnostic agents for tuberculosis & leptospirosis	37400-67000 +AGP 10000	17 Y
5.	Dr B.Senthilkumaran	Professor	M. Phil, Ph.D. (BHU), FNA, FNASc, FAP-AS – Molecular Endocrinology, Developmental Biology, Reproductive Biology of fish, Molecular mechansims of Sex Differentiation, Fish Neuroendocrinology	37400-67000 +AGP 10000	13 Y 11 M
6.	Dr P.Jagan Mohan Rao	Professor	Ph.D. (Univ. of Bombay) – Molecular immunology, stem cell biology, gene networks and epigenetics of cell fate regulation	37400-67000 +AGP 10000	7 Y 11 M
7.	Dr Anita Jagota	Professor	PhD (JNU) – Neurobiology, neurodegeneration and brain aging, Molecular Chronobiology	37400-67000 +AGP 10000	17 Y
8.	Dr. Sreenivasulu K	Associate Professor	PhD (BHU) – Signaling and epigenome dynamics in stem cell development	37400-67000 +AGP 9000	6 Y 10 M
9.	Dr. Suresh Yenugu	Associate Professor	PhD (Osmania Univ.) – Reproductive immunology and toxicology, transgenic technology	37400-67000 +AGP 9000	10 Y 5 M
10.	Dr. Kota Arun Kumar	Assistant Professor	Ph.D. (UH) – Genetic Manipulation of Plasmodium as a means of identifying drug and vaccine targets	15600-39100 +AGP 7000	10 Y
11.	Dr. Radheshyam Maurya	Assistant	Ph.D. (BHU) – Mechanism of	15600-39100	8 Y 10 M

Part-3: III – Existing Academic Details

		Professor	Infection and Immunity in visceral leishmaniasis, Drug discovery and identification of new diagnostic markers	+AGP 7000	
12.	Dr. M.K.Aruna Sree	Assistant Professor	Ph.D. (UH) - Protein-protein interactions of histone deacetylases: multi-drug resistance in bacteria and cancer	15600-39100 +AGP 7000	6 Y 8 M
13.	Dr. A.Bindu Madhava Reddy	Assistant Professor	Ph.D. (UH) - Cell signaling, gene regulation related to diabetes and cancer	15600-39100 +AGP 7000	6 Y 4 M
14.	Dr. Parul Mishra	Assistant Professor	Ph.D.	15600-39100 +AGP 6000	4 M

	School of Life Sciences – Department of Biotechnology and Biointormatics				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr K.Anand Kumar	Professor	PhD (Andhra University): Molecular therapeutics, functional characterization of DNA topoisomerases in oncogenesis, HIV infection, neuro immune activity and brain aging	37400-67000 +AGP 10000	24 Y 4 M
2.	Dr P.Prakash Babu	Professor	PhD (UoH): Neurochemistry, cerebral ischemia (stroke), stem cell therapy, cerebral malaria, brain cancer, cell death (apoptosis/necrosis)	37400-67000 +AGP 10000	21 Y 8 M
3.	Dr Niyaz Ahmad A.S.	Professor	PhD (Manipal University): Pathogen biology, molecular epidemiology, biology of chronic infections, host-pathogen interaction dynamics	37400-67000 +AGP 10000	8 Y 10 M
4.	Dr K.P.M.S.V.Padmasree	Professor	PhD (UoH): Biotechnological applications of proteinase inhibitors (agricultural and human therapeutics), bioenergetics of chloroplasts and mitochondria	37400-67000 +AGP 10000	16 Y 4 M
5.	Dr J.S.S.Prakash	Professor	PhD (JamiaHamdard): Functional genomics and cyanobacterial gene regulatory networks	37400-67000 +AGP 10000	12 Y 8 M
6.	Dr. H.A.Nagarajaram	Professor	PhD (IISc): Computational systems biology; assessment of functional impact disease causing mutations at molecular and systems level; discovery of basic structural principles governing protein functions	37400-67000 +AGP 10000	8 M
7.	Dr. M.Venkataramana	Assistant	PhD(SVU): Molecular studies	15600-39100	8 Y 11 M

Part-3: III – Existing Academic Details

		Professor	on viruses causing Dengue and Chikungunya	+AGP 7000	
8.	Dr. Vaibhav Vindal	Assistant Professor	PhD (Manipal University): Gene regulatory networks, functional genomics of pathogens, analysis of protein sequence/structure/function	15600-39100 +AGP 7000	8 Y 10 M
9.	Dr. N.Prakash Prabhu	Assistant Professor	PhD (UoH): Protein structure, folding, dynamics	15600-39100 +AGP 7000	8 Y 6 M
10.	Dr. Sunanda Bhattacharyya	Assistant Professor	PhD (Bose Institute, Kolkata): Role of chaperones in genome stability and chromatin remodeling, understanding Plasmodium biology and host parasite interaction	15600-39100 +AGP 7000	8 Y 4 M
11.	Dr. Insaf Ahmed Qureshi	Assistant Professor	PhD (JamiaHamdard): Molecular biology, protein crystallography	15600-39100 +AGP 7000	6 Y 10 M
12.	Dr. G.B.Madhubabu	Assistant Professor	PhD (Max-Planck Institute for Biophysical Chemistry, Goettingen, Germany): Behavioral neuroscience and neurodegenerative diseases	15600-39100 +AGP 7000	6 Y 8 M
13.	Dr. Nooruddin Khan	Assistant Professor	PhD (CDFD, Hyderabad): Molecular immunology, Infectious diseases	15600-39100 +AGP 7000	6 Y 7 M
14.	Dr. Pankaj Singh Dholaniya	Assistant Professor	PhD (UoH): Machine learning for Data Science, Mathematical/computational modelling of gene networks, Knowledge discovery in Neuronal aging/senescence and neurodegenerative diseases	15600-39100 +AGP 6000	9 M

	School of Humanities - Department of English				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Sachidananda Mohanty	Professor	Ph.D. (IIT Kanpur); D.H. Lawrence and 20th Century Fiction, Intellectual History, Canon Formation, Nineteenth Century Literature, Regional Writing, Translation, Women's Writing, Cultural Studies	37400-67000 +AGP 10000	30 Y
2.	Dr. Murali Manohar	Professor	M.Phil., Ph.D. (Hyderabad); Indian Writing in English, Indian English Women's Fiction, Dalit Literature/Studies and Women's Studies	37400-67000 +AGP 10000	19 Y

Part-3: III – Existing Academic Details

3.	Dr. Anna Kurian	Professor	Ph.D. (CIEFL, Hyderabad); Shakespeare Studies, Children's Literature	37400-67000 +AGP 10000	16 Y
4.	Dr. Pramod K. Nayar	Professor	Ph.D. (Hyderabad); Colonial Discourse Studies, Literary & Cultural Theory, Posthumanism, Comics and Graphic Novels, Human Rights and Literature	37400-67000 +AGP 10000	16 Y
5.	Dr. Sindhu Menon P.	Assistant Professor	Ph.D. (Hyderabad); Children's Literature, 18th Century Literature and Romantic Literature, Indo-British Literary and Cultural Transactions	15600-39100 +AGP 8000	12 Y
6.	Dr. Telugu Sirisha	Assistant Professor	Ph.D. (Hyderabad); Indian Writing in English, American Literature, South Asian Women's Diaspora, Indian Diaspora and Literature, Women's Studies	15600-39100 +AGP 6000	4 Y
7.	Dr. Siddharth Satpaty	Assistant Professor	Ph.D (University of Chicago): Victorian Literature and Culture, Post Colonial Thought, Indian Intellectual Traditions in the 18th and 19th Centuries, Religious Culture, Literary History, Novel, and Autobiography	15600-39100 +AGP 6000	3 Y
8.	Dr. Girish Devchand Pawar	Assistant Professor	Ph.D. (EFLU, Hyderabad); Cultural Studies, New Literatures in English, Theatre, Modern Literatures and Transmedia Studies	15600-39100 +AGP 6000	2 Y
9.	Dr. B. Krishnaiah	Assistant Professor	M.Phil., Ph.D. (Kakatiya University, Warangal); Indian Writing in English, Indian English Women's Fiction, Postcolonial Studies, Dalit Studies	15600-39100 +AGP 8000	3 M
10.	Dr. Gopika Sankar	Assistant Professor	Ph.D.	15600-39100 +AGP 6000	5 M
11.	Dr. Bhaskar Lama	Assistant Professor	Ph.D.	15600-39100 +AGP 6000	4 M
12.	Dr. Rama Naga Hanuman Alapati	Assistant Professor	Ph.D.	15600-39100 +AGP 6000	1 month

	School of Humanities - Department of Philosophy				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. K.S. Prasad	Professor	Ph.D. (SVU) - Nyaya, Indian Philosophy	37400-67000 +AGP 10000	27 Y
2.	Dr. A. Raghurama Raju	Professor	Ph.D. (IIT, Kanpur) - Social	37400-67000	24 Y

Part-3: III – Existing Academic Details

			and Political Philosophy, Contemporary Indian Philosophy	+AGP 10000	
3.	Dr. Prajit Kumar Basu	Professor	Ph.D. (IISc, Bangalore), Ph.D. (Iowa) – History and Philosophy of Science, Epistemology	37400-67000 +AGP 10000	16 Y
4.	Sri Ananda V. Wazalwar	Associate Professor	M.Phil. (Rajasthan) - Moral Philosophy, Epistemology	37400-67000 +AGP 9000	28 Y
5.	Dr. C.B. Varma	Associate Professor	D.Litt (Ranchi University) – Buddhism, Indian Philosophy, Phenomenology, Translation of the Philosophical Works from Pali, Prakrit and Sanskrit into English	37400-67000 +AGP 9000	12 Y
6.	Dr. Abhijeet Joshi	Asst. Professor	Ph.D. (Pt. R.S. University) – Advaita Vedanta	15600-39100 +AGP 7000	
7.	Dr. B. Ananda Sagar	Asst. Professor	Ph.D. (University of Hyderabad) – Epistemology and Analytic Philosophy	15600-39100 +AGP 7000	10 Y
8.	Dr. Venusa Tinyi	Asst. Professor	Ph.D. (University of Hyderabad) – Logic, Analytic Philosophy	15600-39100 +AGP 7000	6 Y
9.	Dr. Kavita Chauhan	Asst. Professor	Ph.D. (Panjab University, Chandigarh) – Philosophy of Art, Indian Philosophy	15600-39100 +AGP 7000	6 Y

	School of Humanities - Department of Hindi				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Ravi Ranjan	Professor	Ph.D. (Hyderabad)- Bhakti Poetry, Modern Literature, sociology of Literature & Literary Criticism	37400-67000 +AGP 10000	24 Y
2.	Dr. V. Krishna	Professor	Ph.D. (Osmania)- Modern literature, Philosophy of literature, Comparative studies, Functional Hindi, Translation, Dalit Literature and Identity Studies	37400-67000 +AGP 10000	24 Y
3.	Dr. R.S. Sarraju	Professor	Ph.D. (Andhra)- Functional Hindi and Translation studies, Comparative Indian Literature, Sociology of Literature	37400-67000 +AGP 10000	17 Y
4.	Dr. S. Chaturvedi	Professor	Ph.D (Kanpur), Ph.D. (Manipur)- Sanskrit literature, Hindi Poetics, General Linguistics, Modern Hindi Prose	37400-67000 +AGP 10000	17 Y
5.	Dr. Alok Pandey	Professor	Ph.D. (JNU) – Bhakti Literature, Modern Literature, Sociological Approach to Literature,	37400-67000 +AGP 10000	11 Y

Part-3: III – Existing Academic Details

			Media, Hindi Cinema, Cultural Studies, Interdisciplinary studies		
6.	Dr. Gajendra Kumar Pathak	Professor	M.Phil. (JNU), Ph.D. (V.K.S.U.) Renaissance, Modern Literature, Criticism	37400-67000 +AGP 10000	6 Y
7.	Dr. M. Shyam Rao	Associate Professor	Ph.D. (Hyderabad) – Modern Hindi Poetry, Aesthetics, Marxist Approach to Literature, Sociology of Literature		
8.	Dr. C. Annapurna	Professor		37400-67000 +AGP 10000	4 M
9.	Dr. Bhim Singh	Associate Professor	Ph.D. (Delhi)- Modern Hindi Literature, Folk Literature	37400-67000 +AGP 9000	12 Y
10.	Dr. M. Anjaneyulu	Associate Professor	Ph.D. (Hyderabad)- Modern Hindi Literature, Comparative Studies	37400-67000 +AGP 9000	10 Y
11.	Dr. J. Atmaram	Asst. Professor	Ph. D (Hyderabad)- Hindi Criticism, Machine Translation and Functional Hindi & Translation	15600-39100 +AGP 7000	6 Y

	School of Humanities - Department of Telugu				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr.S. Sarat Jyotsna Rani	Professor	M.Phil.(UoH), Ph.D. (Osmania), D. Litt. (Berhampur). Classical and Modern Literature; Modern Poetry; Folk Literature and Cultural History of Andhras, Telugu Drama and Literary Criticism	37400-67000 +AGP 10000	26 Y
2.	Dr. P. Ramulu	Professor	M.Phil., Ph.D. (UoH) P.G. Diploma in Sanskrit. Classical and Modern Literatures, East and West Aesthetic theories, Literary Criticism, Evolution of Telugu Literature, and Cultural Studies	37400-67000 +AGP 10000	17 Y
3.	Dr. Darla Venkateswara Rao	Professor	M.Phil., Ph.D. (Telugu) (UoH) P.G. Diploma in Linguistics & Teaching of Telugu Language (PSTU.), Diploma in Sanskrit (O.U). Comparative Aesthetics, Literary Criticism, Applied Criticism, Classical Literature, Modern Poetry, Dalit Literature, Sociological approach to Literature, Telugu Diaspora Literature	37400-67000 +AGP 10000	13 Y
4.	Dr. T. Ramakrishna	Professor	M.Phil., Ph.D. (Sri Venkateswara). Modern	37400-67000 +AGP 10000	12 Y

Part-3: III – Existing Academic Details

			Literature, Fiction Studies and Creative Writing and Text Book Preparation, Audio and Visual Lesson Preparation and Mass media Writing		
5.	Dr. R.V.R. Krishna Sastry	Professor	VyakaranaVidyaPraveena, BhashaPraveena, M.A. Sanskrit, M.A. Telugu (Andhra), M.A. Jyothisha (PSTU), M.A. Linguistics (Annamalai), Ph.D. Sanskrit & Ph.D. Telugu (Andhra), CIC (IGNOU). Telugu and Sanskrit Grammar, Classical Literature, Literary Criticism	37400-67000 +AGP 10000	11 Y
6.	Dr. G. Aruna Kumari	Professor	M.Phil. and Ph.D. (UoH). D. Litt. (Berhampur). Modern Literature, Classical Literature, Folk Literature, Sanskrit, Logic and Inscriptional Telugu, Comparative Literature	37400-67000 +AGP 10000	26 Y
7.	Dr. D. Vijaya Lakshmi	Associate Professor	Ph.D. (SPMVV, Tirupati) Diploma in Tamil (Madras), P.G. Diploma in Telugu Translation (SPMVV, Tirupati). Telugu Language, Literature and Comparative Studies	37400-67000 +AGP 9000	12 Y
8.	Dr. B. Bhujanga Reddy	Asst. Professor	Ph.D. Linguisitcs (PSTU), M.A. Sanskrit (Kakatiya) P.G. Diploma in Translation Studies, Literary Criticism, Literary Translation, Telugu Grammar and Linguistics	15600-39100 +AGP 7000	10 Y
9.	Dr. D. Vijaya Kumari	Asst. Professor	M.Phil., Ph.D.(UoH). Folk Literature and Desi Literature	15600-39100 +AGP 6000	6 Y
10.	Dr. Pammi Pavan Kumar	Asst. Professor	M.Phil., Ph.D. (UoH). Classical and Modern Grammar, Applied Linguistics, Natural Language Processing, Preparation of text books and Mass Media	15600-39100 +AGP 6000	

	School of Humanities - Department of Urdu				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Habib Nisar	Professor	Ph.D (UoH) Classical Prose and Poetry, Deccani Literature, Interdisciplinary Studies, Criticism, Textual Criticism, Practical Criticism, Urdu Fiction	37400-67000 +AGP 10000	17 Y

Part-3: III – Existing Academic Details

2.	Dr. Arshia Jabeen	Asst. Professor	Ph.D (UoH), Modern Prose, Modern Fiction, Modern Literary Criticism, Computer Studies	15600-39100 +AGP 8000	13 Y
3.	Dr. Abdur Rab Manzar	Asst. Professor	Ph.D (Osmania) Modern Criticism, Modern Prose and Poetry	15600-39100 +AGP 8000	10 Y
4.	Dr. Mohd. Kashif	Asst. Professor	Ph.D (JNU) Modern Fiction and Mass Media	15600-39100 +AGP 7000	6 Y
5.	Dr. Nishath Ahmed	Asst. Professor	Ph.D (UoH) Daccani Literature, Modern Prose and Poetry	15600-39100 +AGP 7000	6 Y
6.	Dr. Md. Zahidul Haque	Asst. Professor	Ph.D (JNU) Classical Poetry, History of Urdu Language and Literature, Urdu Journalism and Mass Media, Comparative Literature	15600-39100 +AGP 8000	6 Y
7.	Dr. Rafia Begam	Asst. Professor	Ph.D. (UoH) Fiction, Non Fiction and Modern Poetry	15600-39100 +AGP 6000	2 Y

	School of Humanities - Department of Sanskrit Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Amba Kulkarni	Professor	M.A. (Sanskrit), M. Sc. (Maths), M.Tech. (CSE, IIT, Kanpur), Ph.D. (Applied Linguistics, University of Hyderabad) – Bridging the gap between Science and Technology in Sanskrit texts and the Modern Science and Technology, with special emphasis on Language Technology, Computer Science and Mathematics	37400-67000 +AGP 10000	11 Y
2.	Dr. J.S. Ramanjaneya Prasad	Professor	Acharya (Navya-Nyaya), Shiksha-Sastry, Ph.D. (Navya-Nyaya, Rashtriya Sanskrit Vidyapeetha, Tirupathi) Philosophical, scientific and linguistic aspects of Ayurveda, Nyaya-Vaiseshika. Other interests include, Indian psychology, Ayurvedic concepts in Sanskrit literature, Science and Technology in ancient India	37400-67000 +AGP 10000	11 Y

	School of Humanities - Centre for Applied Linguistics & Translation Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Shivaram B. Padikkal	Professor	Ph.D. (Mangalore):	37400-67000	29 Y

Part-3: III – Existing Academic Details

			Translation Studies, Cultural Studies, Kannada Language & Literature	+AGP 10000	
2.	Dr. Panchanan Mohanty	Professor	Ph.D. (Berhampur): Language Teaching & Testing, Psycholinguistics, Phonology, Morphology, Sociolinguistics, Language Endangerment Studies Computational Linguistics, Quantitative Linguistics, Translation Studies	37400-67000 +AGP 10000	29 Y
3.	Dr. K. Subrahmanyam	Professor	Ph.D. (Andhra): Paninian Studies, Sanskrit Language and Literature, Telugu Grammar & Literature, Comparative Literature, Translation Studies, Literary Criticism, Lexicography and Semantics, Discourse Analysis and Natural Language Processing	37400-67000 +AGP 10000	24 Y
4.	Dr. Gautam Sengupta	Professor	Ph.D. (Massachusetts): GB Theory, Philosophy of Language, Computational Linguistics & Formal Semantics and Linguistic Cognition	37400-67000 +AGP 10000	24 Y
5.	Dr. K. Rajyarama	Professor	Ph.D. (UoH): Derivational Morphology, Language Teaching & Testing, Machine Translation, Semantics, Syntax, Translation Theory and Practice	37400-67000 +AGP 10000	12 Y
6.	Dr. J. Prabhakara Rao	Professor	Ph.D. (Moscow) : Systemic Linguistics and Systemic Typology, Mathematical & Computational Linguistics, Methodology of Linguistics, Translation Studies, Russian Linguistics and Russian as a Foreign Language	37400-67000 +AGP 10000	8 Y
7.	Dr. Bhimrao Panda Bhosale	Professor		37400-67000 +AGP 10000	4 M
8.	Dr. Gracious Mary Temsen	Associate Professor	Ph.D. (Delhi): Syntax, Linguistic Typology, Language Documentation, Khasi Linguistics	37400-67000 +AGP 9000	13 Y
9.	Ms. K. Parameswari	Asst. Professor	Ph.D.(UoH): Computational Linguistics & Machine Translation, Linguistic Divergence	15600-39100 +AGP 6000	7 Y
10.	Dr. Sriparna Das	Asst. Professor	Ph.D. (UoH): Translation Studies, Gender Studies, Literature Studies	15600-39100 +AGP 7000	7 Y
11.	Sri Morey Dipak Tryambak	Asst.	M.Phil. (EFLU): Linear and	15600-39100	4 Y

Part-3: III – Existing Academic Details

		Professor	Non-Linear Phonology	+AGP 6000	
12.	Dr. S. Arulmozi	Asst. Professor	Ph.D. (UoH): Computational Linguistics, Sociolinguistics, Language Analysis	15600-39100 +AGP 7000	4 Y
13.	Sri Viswanath Naidu	Asst. Professor		15600-39100 +AGP 6000	4 M

	School of Humanities - Centre for Comparative Literature				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. M.T. Ansari	Professor	Ph.D. (EFLU, Hyderabad) – Cultural Studies; Criticism and Theory; Kerala Studies; Minority Discourse	37400-67000 +AGP 10000	12 Y
2.	Dr. Sowmya Dechamma CC	Associate Professor	Ph.D. (University of Hyderabad) – Indian Literatures, Translation Studies, Kodava Language and Cultural Discourse	37400-67000 +AGP 9000	13 Y
3.	Dr. J. Bheemaiah	Assistant Professor	Ph.D. (Osmania University, Hyderabad) – Dalit and Tribal Studies; Indian Literatures; Literature of the Margins; Culture Studies	15600-39100 +AGP 8000	11 Y

	School of Humanities - Centre for English Language Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. P. Sailaja	Professor	Ph.D. (CIEFL, Hyderabad); Phonetics, Phonology, Morphology, Sociolinguistics, World Englishes, Indian English, English Language Education, Testing and Assessment, English in India: Historical, Educational and Linguistic aspects	37400-67000 +AGP 10000	29 Y
2.	Dr. Sunita Mishra	Professor	Ph.D. (CIEFL, Hyderabad); Politics of English Language Education, Sociolinguistics, Discourse Studies, Critical Pedagogy, History of English Language Teaching in India, especially Odisha, and Indian Philosophy of Language	37400-67000 +AGP 10000	12 Y
3.	Dr. Shree Deepa	Asst. Professor	MA English (Osmania), M.Ed., (Bharathidasan University); PGDTE (CIEFL); PhD English (Osmania); English Language and Literature Teaching, Stylistics, Interdisciplinary Studies, Teacher Training	15600-39100 +AGP 8000	10 Y
4.	Ms. Jyothi Hymavathi Devi	Asst.	M.A. English, M.A.	15600-39100	9 Y

Part-3: III – Existing Academic Details

		Professor	Anthropology, M.Sc. Psychology, M.Phil Translation Studies (University of Hyderabad); English Language and Literature Teaching, Translation Studies, Dalit Studies	+AGP 7000	
5.	Dr. J. Appa Swami	Asst. Professor	Ph.D (Osmania); ESP, Academic and Professional Discourse, Genre Analysis, Corpus Applications to Language Pedagogy, Curriculum Design and Materials Development, and Academic Writing	15600-39100 +AGP 6000	4 Y
6.	Dr. Joy Anuradha	Asst. Professor	Ph.D. (CIEFL, Hyderabad); Linguistics, Stylistics, Psycholinguistics, English Language Education	15600-39100 +AGP 6000	4 Y

	School of Social Sciences - Department of History				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr Aloka Parashar Sen	Professor	Ph.D. (London) - Ancient and Early Medieval Indian History, Socio Economic History of the Deccan, Women's History, Historical Archaeology, Urban History & Historiography	37400-67000 +AGP 10000	38 Y 2 M
2.	Dr R.L.Hangloo	Professor	Ph.D. (JNU, Delhi)- Medieval Indian History with special reference to Medieval Indian State, Medieval Indian Economy and Technology, History of Kashmir and Central Asia	37400-67000 +AGP 10000	28 Y 9 M
3.	Dr A.Murali	Professor	Ph.D. (JNU, Delhi)- Social and Cultural History of Colonial India with special reference to Freedom Struggle, Peasant Movements, Women's Studies, Environmental Studies and History of Computers, Science Technology and Medicine	37400-67000 +AGP 10000	27 Y 4 M
4.	Dr K.Pulla Rao	Professor	Ph.D. (Nagpur) - Field Archaeology, Pre and Proto History, Ancient Indian History, Iron Age, Megalithic Culture and Ancient Trade	37400-67000 +AGP 10000	17 Y 0 M
5.	Dr Rekha Pande	Professor	Ph.D. (Allahabad)- Medieval Indian History, Women's	37400-67000 +AGP 10000	28 Y 10 M

Part-3: III – Existing Academic Details

			History, Cultural History, History of Medieval Science & Technology, Socio and Religious History, Women's Studies		
6.	Dr Rila Mukherjee	Professor	Ph.D. (Paris) - Economic History of South Asia, Early Modern European History, Democracy and Citizenship Studies, Maritime and Oceanic History, Historical Cartography	37400-67000 +AGP 10000	10 Y 7 M
7.	Dr Sanjay Subodh	Professor	Ph.D. (Chandigarh) – Medieval Indian Historiography, Science and Technology, Medieval Archaeology	37400-67000 +AGP 10000	12 Y – 2 M
8.	Dr Y.Swarupa R.Shankar	Associate Professor	Ph.D. (Hyderabad - Modern Indian History, Social and Cultural History of South India, Women's History, Historiography	37400-67000 +AGP 9000	19 Y – 2 M
9.	Dr Anindita Mukhopadhyay	Associate Professor	Ph.D. (London) - Modern Indian History, Modern Western Ideas and their impact, Law and Society, Society and Culture	37400-67000 +AGP 9000	16 Y – 5 M
10.	Dr. Bhangya Bhukya	Associate Professor	Ph.D. (Warwick, UK) - Modern Indian History. His research interests are community histories, the effects of power/knowledge, governmentality and dominance, the state and Nationalism, intellectual histories of subaltern communities, identity politics by forest and hill people in the nineteenth and twentieth century	37400-67000 +AGP 9000	3 Y 5 M
11.	Dr. B. Eswara Rao	Associate Professor	Ph.D (IIT Madras)- History of science, Technology and Medicine, Environmental History	37400-67000 +AGP 9000	3 Y 4 M
12.	Dr M.N.Rajesh	Assistant Professor	Ph.D. (JNU, Delhi) - Medieval Indian History, Socio-Religious Movements and Polity in South India and the Deccan, Tibetan History and Culture	15600-39100 +AGP 6000	16 Y 6 M
13.	Dr V.Rajagopal	Assistant Professor	Ph.D. (Wisconsin) – Modern Indian History, Social History, History of South India	15600-39100 +AGP 8000	12 Y 9 M
14.	Dr Rashmi	Assistant Professor	Ph.D. (JNU, Delhi) - Medieval and Early Modern Indian History, Urban History, Cities	15600-39100 +AGP 8000	6 Y 10 M

Part-3: III – Existing Academic Details

			and Maritime History		
15.	Dr. V.J. Verghese	Assistant Professor	Ph.D. (Hyderabad) - Modern Indian History, Modern Kerala, Making of Modern Subjectivities, Regional Modernities, Transnational Migrations	15600-39100 +AGP 7000	3 Y 7 M

	School of Social Sciences - Department of Political Science				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr P.C.Sarangi	Professor	Ph.D. (Rochester) – Political Theory, Comparative Politics	37400-67000 +AGP 10000	30 Y 1 M
2.	Dr I.Ramabrahmam	Professor	Ph.D. (Hyderabad) – Public Policy, Governance, Higher Education and Training	37400-67000 +AGP 10000	26 Y 8 M
3.	Dr Arun Kumar Patnaik	Professor	Ph.D. (JNU) – Political Theory, Political Economy of Development	37400-67000 +AGP 10000	16 Y 11 M
4.	Sri Jyotirmaya Sharma	Professor	M.A.(Hull) – Political Philosophy/Theory, Indian Political Thought	37400-67000 +AGP 10000	10 Y 8 M
5.	Dr K.Chinnaya Suri	Professor	Ph.D. (JNU) – Indian Political Process and Public Policy	37400-67000 +AGP 10000	10 Y 8 M
6.	Dr Sanjay V Palshikar	Professor	Ph.D. (Poona) - Political Theory, Indian Political Process	37400-67000 +AGP 10000	28 Y 9 M
7.	Dr Vasanthi Srinivasan	Professor	Ph.D. (Ottawa) – Political Philosophy, Comparative Politics, Indian Political Ideas	37400-67000 +AGP 10000	16 Y 5 M
8.	Dr Prithvi Ram Mudiam	Professor	Ph.D. (London) – International Relations, Indian Foreign Policy, South Asian Politics, International Political Economy	37400-67000 +AGP 10000	17 Y 0 M
9.	Dr Manjari Katju	Professor	Ph.D. (London) – Indian Political Process, Politics of Hindu Nationalism, Women's Studies	37400-67000 +AGP 10000	17 Y 0 M
10.	Dr.Kham Khan Suan Hausing	Professor	Ph.D. (JNU) Federalism, Nationalism, Ethnic Conflict, Indian Politics, Northeast India	37400-67000 +AGP 10000	5 Y 2 M
11.	Sri B.Chandrasekhara Rao	Associate Professor	M.A. (Andhra) - Comparative Government and Politics, Indian Government and Politics, Chinese Studies, Dalit Politics	37400-67000 +AGP 9000	30 Y 3 M
12.	Dr K.Yesu Ratnam	Associate Professor	Ph.D. (JNU) – Indian Political Process, Dalit Politics in India, Democratic Process in Andhra Pradesh	37400-67000 +AGP 9000	19 Y 2 M
13.	Dr.Ramadas Rupavath	Associate Professor	Ph.D. (JNU) – Indian Political Process, Tribal Development, Comparative Politics	37400-67000 +AGP 9000	11 Y 3 M

Part-3: III – Existing Academic Details

14.	Dr. Kailash Kunhi Krishnan	Associate Professor	Ph.D. (JNU) – Indian Political Process, Comparative Federalism, Party Politics	37400-67000 +AGP 9000	4 Y 6 M
15.	Dr. E. Venkatesu	Associate Professor	Ph.D. (University of Hyderabad) – Democratic Decentralization and Governance, Good governance, Public Policy, Backward Class Politics and Political Process in India	37400-67000 +AGP 9000	6 Y 6 M
16.	Dr B.L.Biju	Assistant Professor	Ph.D. (University of Kerala) – Political Theory, Indian Political Process, Politics of Globalization, Society and Politics in Kerala	15600-39100 +AGP 8000	10 Y 2 M
17.	Dr S.Shaji	Assistant Professor	Ph.D. (University of Hyderabad) – International Relations, Foreign Policy of India, Foreign Policies of Developing States, Transfer of Technology and International Politics	15600-39100 +AGP 7000	6 Y 11 M
18.	Dr Aparna Devare	Assistant Professor	Ph.D. (American University, Washington D.C.) - Comparative Politics, Historiography, Indian Politics, International Relations Theory, Post-colonial Theory, World Politics	15600-39100 +AGP 7000	6 Y 10 M
19.	Dr. D. Veerababu	Assistant Professor	Ph.D (Osmania University, Hyderabad)—Public Policy	15600-39100 +AGP 6000	0 Y 8 M

	School of Social Sciences - Department of Sociology				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr Sasheej Hegde	Professor	Ph.D. (Bangalore) – Philosophy of Social Science, Social and Political Theory, Law and Ethics, and Indian Sociology/Historiography	37400-67000 +AGP 10000	19 Y 1 M
2.	Dr Sujata Patel	Professor	Ph.D. (J.N.U.) – Social Theory, Urban Sociology, and Political Sociology	37400-67000 +AGP 10000	8 Y 4 M
3.	Dr Aparna Rayaprol	Professor	Ph.D. (Pittsburgh) – Sociology of Gender, Indian Diaspora, Urban Sociology, and Qualitative Research Methods	37400-67000 +AGP 10000	17 Y 0 M
4.	Dr N.Purendra Prasad	Professor	Ph.D. (Hyderabad) – Agrarian Studies, Sociological Theory, Political Economy of Development and Health, Urban Studies	37400-67000 +AGP 10000	17 Y 0 M
5.	Dr C.Raghava Reddy	Professor	Ph.D. (Hyderabad) – Science	37400-67000	11 Y 2 M

Part-3: III – Existing Academic Details

			and Technology Studies, Sociology of Organisations, and Sociology of Disability	+AGP 10000	
6.	Dr G.Nagaraju	Professor	Ph.D. (Hyderabad) – Sociology of Education, and Information Technology and Society	37400-67000 +AGP 10000	12 Y 9 M
7.	Dr Pushpesh Kumar	Associate Professor	Ph.D. (Delhi) – Sociology of Gender and Sexuality, & Globalisation and Social Change	37400-67000 +AGP 9000	6 Y 3 M
8.	Dr V.Janardhan	Associate Professor	Ph.D. (Hyderabad) – Sociology of Industrial Relations, Corporate Business and Society, Sociology of Culture, Sociological Theory, Marxism and Capitalism, and Ethics and Society	37400-67000 +AGP 9000	17 Y
9.	Dr Satyapriya Rout	Assistant Professor	Ph.D. (Mysore) – Sociology of Environment, Natural Resource Management and Development, and Decentralized Governance	15600-39100 +AGP 8000	11 Y 2 M
10.	Mr N.Annavaram	Assistant Professor	M.Phil. (J.N.U.) – Indian Sociology and Classical Sociological Thought	15600-39100 +AGP 6000	6 Y 10
11.	Dr Hoineilhing Sitlhou	Assistant Professor	Ph.D. (J.N.U.) – Religion, Culture and Tribal Studies	15600-39100 +AGP 7000	6 Y 9 M
12.	Dr. C. Nagalakshmi	Assistant Professor	Ph.D. (Hyderabad) – Sociology of Organisations, Sociology of Science and Technology	15600-39100 +AGP 6000	4 Y 4 M
13.	Dr. R. Thirunavukkarasu	Assistant Professor	Ph.D. (J.N.U.) – Political and Historical Sociology, Social Movements, Ethnicity, Nation and Nationalism	15600-39100 +AGP 6000	3 Y 4 M

	School of Social Sciences - Department of Anthropology				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr K.K.Misra	Professor	Ph.D. (Utkal) Culture, Environment and Development, Anthropological Thought; Language, Culture and Cognition; Anthropology and Museums; Culture and Gender	37400-67000 +AGP 10000	28 Y 9 M
2.	Dr P.Venkata Rao	Professor	Ph.D.(Andhra) Anthropology of Development, Economic Anthropology, Tribal Studies, Complex Societies, and Ageing	37400-67000 +AGP 10000	32 Y 3 M
3.	Dr N.Sudhakar Rao	Professor	Ph.D (Rochester) South Asian	37400-67000	12 Y 8 M

Part-3: III – Existing Academic Details

			Social Systems, Kinship Studies, Indian Society and Ideology, Religion and Communication	+AGP 10000	
4.	Dr R.Siva Prasad	Professor	Ph.D. (Mysore, through ISEC, Bangalore) Social Stratification, Social Mobility and Social Change; Urban Anthropology; Ecology and Environment, Peasant studies, Anthropology of Development, Anthropological Theory	37400-67000 +AGP 10000	26 Y 4 M
5.	Dr B.V.Sharma	Professor	Ph.D. (Hyderabad) Medical Anthropology; Anthropology of Education; Community participation in Development	37400-67000 +AGP 10000	24 Y 9 M
6.	Dr M.Romesh Singh	Professor	Ph.D. (Hyderabad) Business Anthropology; Tribal Development Studies	37400-67000 +AGP 10000	10 Y 7 M
7.	Dr C.George Tharakan	Associate Professor	Ph.D. (Hyderabad) Kinship Studies; Theories of Culture; Indian Society	37400-67000 +AGP 9000	10 Y 8 M
8.	Sri Shaik Abdul Munaf	Assistant Professor	M.Sc. (SVU) Archaeological Anthropology, Ethnoarchaeology, Indian Prehistory	15600-39100 +AGP 7000	12 Y 9 M

	School of Social Sciences - Centre for Regional Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr Sheela Prasad	Professor	Ph.D. (JNU) – Urban and Regional Geography, Health, Environmental studies	37400-67000 +AGP 10000	21 Y 2 M
2.	Dr Arvind S.Susarla	Associate Professor	Ph.D. (Clark University)- Geography of Hazards and Disasters, Environmental Studies, Communicating Risks	37400-67000 +AGP 9000	8 Y 5 M
3.	Dr P. Salah	Assistant Professor	Ph.D. (JNU)- Sociology of Violence, Region and Collective Identities, Marginalized Communities	15600-39100 +AGP 6000	3 Y 4 M

	School of Social Sciences - Centre for Folk Culture Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Y.A.Sudhakar Reddy	Professor	Ph.D. (I.I.T., Madras) – Folklore and Folk Culture Studies, Performance Studies, Hermeneutics, Narratalogy, Peasant Studies and Oral History	37400-67000 +AGP 10000	23 Y 6 M
2.	Dr P.S.Kanaka Durga	Associate Professor	Ph.D. (Nagarjuna University) - Folklife Studies, Folklore	37400-67000 +AGP 9000	12 Y 9 M

Part-3: III – Existing Academic Details

			and Gender Studies, Religion and Mythology, Ethnohistory and Epigraphy		
3.	Dr Joly Puthussery	Associate Professor	Ph.D. (Hyderabad) – Folk Theatre, Performance Theory, Public Performance and Discourse, Religion and Theatrical Practices, and Material Culture	37400-67000 +AGP 9000	14 Y 4 M
4.	Mr.N.Naveen Kumar	Assistant Professor	M.S.W. (Bharathiar University), M.A. (Annamalai University) - Folklore and Community Development, Folklore and Globalisation, Ritual Studies, and Field Methodology	15600-39100 +AGP 6000	6 Y 11 M

	School of Social Sciences - Centre for the Study of Social Exclusion and Inclusive Policy(CSSEIP)				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr Ajailiu Niumai	Professor	Ph.D. (J.N.U, New Delhi) - Gender, Non-Governmental Organizations (NGOs) and Development, North East Studies, Diaspora and Philanthropy	37400-67000 +AGP 10000	17 Y
2.	Dr.K.Raja Mohan Rao	Professor	Ph.D.	37400-67000 +AGP 10000	4 M
3.	Dr Sreepati Ramudu	Associate Professor	Ph.D. (Jamia Milia Islamia University, New Delhi) - Dalit Studies, Caste, Public Policy, Child Labour and Social Movements	37400-67000 +AGP 9000	8 Y 7 M
4.	Dr J.Rani Ratna Prabha	Assistant Professor	Ph.D. (University of Hyderabad) -Child Labour & education, Health, Poverty, Gender and Economics of Exclusion	15600-39100 +AGP 7000	8 Y 7 M
5.	Dr V.Srinivasa Rao	Assistant Professor	Ph.D. (University of Hyderabad) - Tribal Studies, Adivasi rights and exclusion, Community Participation in education, natural farming and inclusion	15600-39100 +AGP 7000	8 Y 7 M

	School of Social Sciences - Centre for the Study of Indian Diaspora				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr Ajaya Kumar Sahoo	Assistant Professor	Ph.D. (Hyderabad) - International Migration, Indian Diaspora, Transnationalism, Sociology of Religion, and Social Movements	15600-39100 +AGP 8000	10 Y 3 M
2.	Dr Amit Kumar Mishra	Assistant	Ph.D. (New Delhi) - South	15600-39100	9 Y 9 M

Part-3: III – Existing Academic Details

		Professor	Asian Diaspora, Nationalism and Transnationalism, Identity, Multiculturalism, Imperialism and the Anti-imperial Movements in Asia and Africa	+AGP 7000	

	School of Social Sciences - Centre for Women's Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr K.Suneetha Rani	Professor	Ph.D. (Hyderabad) – Gender Studies, New Literatures in English, Cultural Studies, Comparative Studies, Translation Studies	37400-67000 +AGP 10000	22 Y 5 M
2.	Dr Deepa Srinivas	Associate Professor	Ph.D. (EFLU, Hyderabad) – Cultural Studies, Critical Pedagogy, Popular Culture, Historiography, Childhood Studies	37400-67000 +AGP 9000	6 Y 9 M

	School of Economics				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr G.Omkarnath	Professor	Ph.D. (JNU) – Classical Economic Theory, Capital Theory, Indian Economy, Teaching of Economics	37400-67000 +AGP 10000	17 Y
2.	Dr Naresh Kumar Sharma	Professor	Ph.D. (ISI, Delhi) – Economic Theory, Gandhian Economic Thought, Development, Agriculture, Money & Finance, Science & Technology	37400-67000 +AGP 10000	17 Y
3.	Dr J.Manohar Rao	Professor	Ph.D. (JNU) – Health Care Economics, Development Theory and Policy, WTO and Globalization, Classical Political Economy, Economics of Science, Technology and Technical Change	37400-67000 +AGP 10000	27 Y 11 M
4.	Dr R.Vijay	Professor	Ph.D. (UoH) – Political Economy, Development Economics, New Institutional Economics	37400-67000 +AGP 10000	17 Y
5.	Dr R.V.Ramana Murthy	Professor	Ph.D. (UoH) – Heterodox Economics, Agrarian Studies and Methodology of Economics	37400-67000 +AGP 10000	12 Y 6 M
6.	Dr S.Sandhya	Professor	Ph.D. (JNU) – Population Studies, Population and Development, Health Economics, Health Policy	37400-67000 +AGP 10000	28 Y 9 M
7.	Dr Debashis Acharya	Professor	Ph.D. (UoH) – Macro-	37400-67000	8 Y 4 M

Part-3: III – Existing Academic Details

			Monetary Economics, Financial Economics	+AGP 10000	
8.	Dr K.Laxminarayana	Professor	Ph.D. (UoH) – Political Economy and Agricultural Economics, Economics of Education	37400-67000 +AGP 10000	27 Y
9.	Dr N.A.Khan	Professor	Ph.D. (Allahabad) – Public Economics, International Trade, Infrastructure Economics, Macro Economics, Islamic Banking	37400-67000 +AGP 10000	8 Y 6 M
10.	Dr B.Nagarjuna	Professor	Ph.D. (UoH) – Industrial Economics, Transitional Economics and International Finance and Indian Economy	37400-67000 +AGP 10000	17 Y
11.	Dr.Phanindra Goyari	Professor	M.Phil. (IGIDR, Mumbai), Ph.D. (UoH) – Econometrics, Mathematical Economics, Agricultural Economics, Model Building & Simulation in Economics	37400-67000 +AGP 10000	16 Y 10 M
12.	Dr. S.Raja Sethu Durai	Associate Professor	Ph.D. (University of Madras) – Macro Economics, Applied Econometrics and Financial Economics	37400-67000 +AGP 9000	9 M
13.	Dr G.Vijay	Assistant Professor	Ph.D. (Institute of Social Studies The Hague) – Labour Economics, Environmental Economics, Economics of Business Organizations, Law and Economics, Political Economy	15600-39100 +AGP 7000	10 Y 3 M
14.	Dr G.Sridevi	Assistant Professor	Ph.D. (Institute of Social and Economic Change, Bangalore) – Food Security, Health Care, Economics of Discrimination	15600-39100 +AGP 8000	10 Y
15.	Mr.S.Limakumba Walling	Assistant Professor	M.A. (UoH) – Macroeconomics, Political Economy and Economics of Competition	15600-39100 +AGP 6000	6 Y 11 M
16.	Dr Prajna Paramita Mishra	Assistant Professor	Ph.D. (UoH) – Environmental and Natural Resource Economics	15600-39100 +AGP 7000	6 Y 9 M
17.	Dr Alok Kumar Mishra	Assistant Professor	Ph.D. (UoH) – Macroeconomic Dynamics, Financial Economics, Urban and Transport Economics	15600-39100 +AGP 7000	6 Y 9 M
18.	Dr. B. Nageswara Rao	Assistant Professor	Ph.D. (UoH) – Tribal Development, Economic History, Agricultural Economics	15600-39100 +AGP 6000	3 Y 10 M
19.	Dr. K. Ramachandra Rao	Assistant Professor	Ph.D. (Andhra) – Urban Economics, Health Economics	15600-39100 +AGP 6000	3 Y 10 M
20.	Dr. Krishna Reddy Chittedi	Assistant	Ph.D. (CDS-JNU) – Macro	15600-39100	9 M

Part-3: III – Existing Academic Details

		Professor	Economics, Financial Economics and Developmental Issues	+AGP 6000	
21.	Dr. Bicchal Motilal Anand	Assistant Professor	Ph.D. (UoH) – Macro-Monetary Economics, Financial Economics	15600-39100 +AGP 6000	9M

	Sarojini Naidu School of Arts and Communication - Department of Dance				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr J.Anuradha	Professor	Ph.D. (Dance) (University of Hyderabad) – Theoretical Aspects and Kinesthetics of Dance, Kuchipudi Practical and Choreography	37400-67000 +AGP 10000	19 Y 2 M
2.	Dr. P.Ramalinga Sastry	Professor	Diploma (Kalakshetra, Chennai) – Bharatanatyam - Practical, Theory, Choreography	37400-67000 +AGP 10000	19 Y 2 M
3.	Dr M.Samba Siva Raju	Professor	Ph.D. (Dance) (University of Hyderabad) – Comparative Dance Studies, Musical Aspects of Dance, Movement for Dance and Choreography	37400-67000 +AGP 10000	15 Y 10 M
4.	Dr Aruna Bhikshu	Professor	Ph.D. (Dance) (University of Hyderabad) – Applied Theory and Dance Studies	37400-67000 +AGP 10000	6 Y 11 M

	Sarojini Naidu School of Arts and Communication - Department of Theatre Arts				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr B.Anandhakrishnan	Professor	Ph.D (Madras)- Performance Studies, Production Process	37400-67000 +AGP 10000	17 Y
2.	Dr N.J.Bhikshu	Professor	Ph.D (Hyderabad)- Indian Drama and Theatre (Classical), History, Theory, Text (Western)	37400-67000 +AGP 10000	27 Y 2 M
3.	Dr Satyabrata Rout	Professor	M.A (National School of Drama), Ph.D (C.C.S. University, Meerut University) – Scenography and Direction: Theory and Practices	37400-67000 +AGP 10000	10 Y 6 M
4.	Sri Rajiv Velicheti	Associate Professor	M.A. in Dramatic Arts (National School of Drama) – Theatre History, Acting and Direction	37400-67000 +AGP 9000	10 Y 6 M
5.	Dr Noushad Mohd.Kunju	Associate Professor	M.A. (National School of Drama), Adv. Diploma in Actor Training (TTRP, Singapore) – Acting	37400-67000 +AGP 9000	7 Y
6.	Sri Kanhaiya Lal Kaithwas	Associate Professor	M.A. (National School of	37400-67000 +AGP 9000	9 M

Part-3: III – Existing Academic Details

			Drama) Design and Theatre Craft		
7.	Sri Riken Ngomle	Assistant Professor	M.A. (National School of Drama), Advance Course in Acting, Grotowsky Institute, Wroclaw, Poland- Acting	15600-39100 +AGP 6000	9 M

	Sarojini Naidu School of Arts and Communication - Department of Fine Arts				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Mr. Suresh B.V.	Professor		37400-67000 +AGP 10000	4 M
2.	Sri Alex Mathew	Associate Professor	PG Diploma in Creative Sculpture (Faculty of Fine Arts, M S University, Baroda)	37400-67000 +AGP 9000	14 Y 3 M
3.	Mr L.N.V.Srinivas	Associate Professor	MFA (Painting) SN School, University of Hyderabad, BFA (Andhra University, Vishakapatnam)	37400-67000 +AGP 9000	8 Y 7 M
4.	Dr Kirtana Thangavelu	Associate Professor	MA-PhD University of California Berkeley, MFA, Kala Bhavana, Visva Bharati University, Santiniketan, BA (Fine) Art History, M.S. University, Baroda	37400-67000 +AGP 9000	6 Y 9 M
5.	Mr. Suneel Mamadapur	Associate Professor	PG Diploma in Graphic Arts, (Faculty of Fine Arts, M. S. University, Baroda)	37400-67000 +AGP 9000	3 Y 4 M
6.	Dr Baishali Ghosh	Assistant Professor	PhD-MFA (Art History) M S University, Baroda, BFA (Art History) Visva Bharati University, Santiniketan	15600-39100 +AGP 8000	14 Y 3 M
7.	Mr.Tanmay Santra	Assistant Professor	MFA (Painting) Visva Bharati University, Santiniketan BVA (Painting) Rabindra Bharati University, B.Sc (Bio-Sciences) University of Calcutta	15600-39100 +AGP 7000	10 Y 8 M

	Sarojini Naidu School of Arts and Communication - Department of Communication				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr B.P.Sanjay	Professor	Ph.D. (Simon Fraser University, Canada)-Political Economy of Communication Technologies, Development Studies, International Comm-unication, Communication/ Media Policy.	37400-67000 +AGP 10000	21 Y 11 M
2.	Dr P.Vinod	Professor	Ph.D. (University of Pittsburgh, USA)-Communication and Social Change, Community Media, Popular Culture. Also holds	37400-67000 +AGP 10000	22 Y 2 M

Part-3: III – Existing Academic Details

			the UNESCO Chair on Community Media		
3.	Dr P.Thirumal	Professor	Ph.D. (Pondicherry University) - Rhetoric of Development, Theory & History of Media	37400-67000 +AGP 10000	19 Y 2 M
4.	Dr Vasuki Belavadi	Professor	Ph.D. (University of Hyderabad) – Radio, Video Production, Community Media	37400-67000 +AGP 10000	13 Y
5.	Dr Kanchan Kumar Malik	Professor	Ph.D. (University of Hyderabad) – Print Journalism, Community Media Studies, Media Law & Ethics, Media & Gender, Communication for Development	37400-67000 +AGP 10000	9 Y 8 M
6.	Dr Usha Raman	Professor	Ph.D. (University of Georgia, USA) Print Journalism, Health & Science Communication, Digital Media Studies, Feminist Media Studies	37400-67000 +AGP 10000	6 Y 11 M
7.	Dr. P. Kennedy	Associate Professor	Ph.D. (Osmania University) -- Television Studies, ICTs for Development / Education	37400-67000 +AGP 9000	3 Y 4 M
8.	Dr E.Sathya Prakash Reddy	Associate Professor	Ph.D. (Osmania University) – Television Production, Documentary Filmmaking and Media Management	37400-67000 +AGP 9000	14 Y 3 M
9.	Dr.Cheeli Janardhan Rao	Reader	Ph.D.	15600-39100 +AGP 8000	6 M
10.	Dr. Madhavi Ravi Kumar	Assistant Professor	Ph.D. (Andhra University, Visakhapatnam) - Print and Broadcast Journalism, Convergence Journalism, Development Communication, Digital Media Studies	15600-39100 +AGP 6000	3 Y 4 M
11.	Ms. Anjali Lal Gupta	Assistant Professor	M.A. (Jamia Millia Islamia) - Theory and Practice of Journalism, Narrative Journalism, Features and Analytical Writing, Development Journalism	15600-39100 +AGP 6000	3 Y 4 M

	School of Management Studies				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. B. Raja Shekhar	Professor	B. Tech. (Civil - Acharya Nagarjuna), M.B.A. (Osmania), Ph.D. (Management - Kakatiya), M.Sc., Ph.D. (Psychology - Sri Venkateswara), FDP (IIM, Ahmedabad), PGDPMIR	37400-67000 +AGP 10000	18 Y

Part-3: III – Existing Academic Details

			(Kakatiya), PGDCS (Hyderabad) - Quantitative Techniques, Service Quality, Business Analytics, Research Methodology, Industrial and Organizational Psychology		
2.	Dr. V. Venkata Ramana	Professor	M.B.A. (SKU), Ph.D. (Management - Osmania) - Marketing Management, General Management, Corporate Strategy and CRM and Services Marketing	37400-67000 +AGP 10000	18 Y
3.	Dr. P. Jyothi	Professor	M.A., Ph.D. (Psychology - Osmania) - Organizational Behaviour, Human Resource Management, Organizational Development, and Entrepreneurship	37400-67000 +AGP 10000	18 Y
4.	Dr. Mary Jessica	Professor	M.Com. (Osmania), Ph.D. (Management - Osmania) - Financial Management, Merchant Banking and Financial Services, Investment Management and International Financial Management	37400-67000 +AGP 10000	17 Y
5.	Dr. Sita Vanka	Professor	M.A., (Osmania) M. Phil, (Hyderabad), Ph.D. (Osmania) - FDP(IIM, Ahmedabad), PGDHRM (Pondicherry) -Public Policy, General Management, E-Governance, Entrepreneurship and Women Studies	37400-67000 +AGP 10000	13 Y
6.	Dr. G.V.R.K. Acharyulu	Professor	B. Tech. (Chemical- Andhra), M. Tech. (Chemical – NIT Warangal), M.B.A. (Osmania), Ph.D. (Management - Osmania), DPM (Annamalai) - Quantitative Techniques, Operations Management, Supply Chain Management, Health Care Management and Business Analytics	37400-67000 +AGP 10000	11 Y
7.	Dr. Chetan Srivastava	Associate Professor	MBA (Osmania), Ph.D. (Management - Osmania), PGCCA, MCSD - Strategic Marketing. International Marketing, Advertising, Sales Management, IT in Management	37400-67000 +AGP 9000	11 Y
8.	Dr. Sapna Singh	Associate Professor	MBA (Osmania), Ph.D. (Management - Osmania) - Marketing, Branding and	37400-67000 +AGP 9000	6 Y

Part-3: III – Existing Academic Details

			Advertising		
9.	Dr.D.V. Srinivas Kumar	Asst. Professor	B. Tech. (Acharya Nagarjuna), MBA (Andhra), Ph.D., (Management-Hyderabad), FDP (IIM, Indore)- Services Marketing, Customer Relationship Management and Business Analytics	15600-39100 +AGP 7000	6 Y
10.	Dr. K. Ramulu	Asst. Professor	M.Com (Kakatiya), MBA (DRBRAOU), M. Phil. (Commerce - Nagpur) and Ph.D. (Management-Kakatiya) - Materials Management-Financial Management, Financial Accounting, Management Accounting, Financial Risk Management, Security Analysis and Portfolio Management and Financial Markets	15600-39100 +AGP 6000	6 Y
11.	Dr. Lokanandha Reddy Irala	Asst. Professor	MBA (SKU), Ph.D. (Management - JNTUH) - Corporate Finance, Investment Analysis, Strategic Financial Management and Business Analytics	15600-39100 +AGP 6000	10 M
12.	Dr. Punam Singh	Asst. Professor	MBA(ISM, Dhanbad), Ph.D. (Management - JNTUH) - Human Resource Management, Organisational Behaviour, Corporate Social Responsibility, Performance Management and Compensation Management	15600-39100 +AGP 7000	8 M
13.	Dr. Pramod Kumar Mishra	Asst. Professor	M.Sc.(Mathematics- NIT Rourkela), MBA (Biju Patnaik), Ph.D. (Management -Hyderabad), PDF (IIM, Bangalore)- Supply Chain Management, Logistics Management, Mathematical Modelling and Business Analytics	15600-39100 +AGP 6000	6 M
	School of Medical Sciences				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Geeta K. Vemuganti	Professor	DCP MD(Path), DNB(Path), FAMS, FICP(Univ. of Rajasthan, Nizam's Institute of Medical Sciences, National Academy of Medical Science) Areas of Interest: Adult Stem Biology research, Cancer	37400-67000 +AGP 10000	6 Y

Part-3: III – Existing Academic Details

			stem cells, Ocular tumors and Ocular infections		
2.	Dr. B.R. Shamanna	Professor	MD, DNB (MCH), DNB (SPM), MSc (Lon.) (Karnatak Univ., All India Institute of Medical Sciences, National Academy of Medical Sciences, Univ. of London). Areas of interest include Health and Welfare Economics, Monitoring and evaluation of public health programs, implementation research, health technology assessment	37400-67000 +AGP 10000	4 Y
3.	Dr. Athar Habib Siddiqui	Associate Professor	PhD (AMU, Aligarh) – Areas of interest include Integrative physiology, Cardiovascular biology, Hypertension, Clinical Biochemistry	37400-67000 +AGP 9000	6 Y
4.	Dr. Mahadev Kalyankar	Associate Professor	PhD (Univ. of Hyderabad) – Areas of interest include Diabetes, Insulin resistance and metabolic disorders	37400-67000 +AGP 9000	3 Y
5.	Dr. Katta Ajitha	Associate Professor	MD(Community Medicine), (PhD Scholar). Areas of interest include disability studies, geriatric health of geriatric population	37400-67000 +AGP 9000	3 Y
6.	Dr. C.T. Anitha	Associate Professor	MD, MPH (Rajiv Gandhi University of Health Sciences, Univ. of South Florida, USA). Areas of interest include Food safety, Public health Nutrition, maternity and child health	37400-67000 +AGP 9000	6 Y
7.	Dr. M. Varalakshmi	Asst. Professor	MSc (Nursing), PhD(Nursing). Areas of Interestincludeadol-escent and geriatrichealth, Child injuries, Quality of life assessment and implemen-tation research in non communicable diseases	15600-39100 +AGP 7000	6 Y
8.	Dr. Rishi Bhardwaj	Asst. Professor	PhD (Vision Science), New Zealand. Areas of interestincludebinocular vision, neuralbasis of vision	15600-39100 +AGP 6000	4 M
9.	Dr. M. Surya Durga Prasad	Asst. Professor	MD	15600-39100 +AGP 6000	5 M
10.	Dr. K. Venkata Nagaraju	Asst. Professor	PhD (Optometry and Vision Sciences, Unv of New South Wales. Areas of interestinclu-decontactlensresearch, devisedevelopment and dispensingoptics	15600-39100 +AGP 6000	7 M

Part-3: III – Existing Academic Details

	School of Medical Sciences - Centre for Health Psychology				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Meena Hariharan	Professor	Ph.D. (Utkal) – Stress & Coping, Behavioural Cardiology and Invulnerability	37400-67000 +AGP 10000	25 Y
2.	Dr. Meera Padhy	Asst. Professor	M.A, M.Phil, Ph.D.– Developmental and Educational Psychology, Health Psychology, Behavioural Diabetology and Occupational Health	15600-39100 +AGP 7000	7 Y
3.	Dr. G. Padmaja	Asst. Professor	M.A., M.Phil, Ph.D.– Counseling Psychology, Psycho-oncology and Health Psychology	15600-39100 +AGP 8000	8 Y
4.	Dr. N.D.S. Naga Seema	Asst. Professor	M.A. Ph.D. – Reproductive Health Psychology, Developmental Psychology	15600-39100 +AGP 7000	8 Y
5.	Dr. Suvashish Rana	Asst. Professor	M.A. (Gold Medal), M.Phil. B.Ed. (SE-MR), LL.B., Ph.D. – Positive Psychology, Psychometrics	15600-39100 +AGP 7000	6 Y
6.	Dr. C. Venkata Usha	Asst. Professor	PGDCP, Ph.D. – Health Psychology	15600-39100 +AGP 6000	7 M
7.	Dr. C. Vanlalhruaii	Asst. Professor	PG (Psychology), Ph.D. (Pursuing) – Health Psychology	15600-39100 +AGP 6000	7 M

	School of Medical Sciences - Centre for Neural and Cognitive Sciences				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Ramesh Kumar Mishra	Professor		37400-67000 +AGP 10000	4 Y
2.	Dr. Joby Joseph	Associate Professor		37400-67000 +AGP 9000	6 Y
3.	Dr. Sudipta Saraswati	Associate Professor		37400-67000 +AGP 9000	4 Y
4.	Mr. Akash Gautam	Asst. Professor		15600-39100 +AGP 6000	4 Y

	School of Engineering Sciences and Technology (SEST)				
Sl. No	**Name of the Faculty**	**Designation**	**Qualification**	**Pay Scale**	**Experience (Years - M)**
1.	Dr. Dibakar Das	Professor	Ph.D. (IIT, Bombay)	37400-67000 +AGP 10000	08 Y 02 M
2.	Dr. Jai Prakash Gautam	Associate Professor	Ph.D. (TU-Delft, The Netherlands)	37400-67000 +AGP 9000	03 Y 01 M
3.	Dr. R.Koteswara Rao	Associate Professor	Ph.D. (North Carolina State University)	37400-67000 +AGP 9000	08 Y 07 M
4.	Dr. Pradip Paik	Associate Professor	Ph.D. (IIT, Kanpur)	37400-67000 +AGP 9000	06 Y 10 M
5.	Dr. V.V.S.S.Srikanth	Associate	Dr.-Ing. (University of Siegen,	37400-67000	07 Y 10 M

Part-3: III – Existing Academic Details

		Professor	Germany)	+AGP 9000	
6.	Dr. Raj Kishora Dash	Assistant Professor	Ph.D. (RPI, USA)	15600-39100 +AGP 6000	06 Y 07 M
7.	Dr. Swati Gosh Acharyya	Assistant Professor	Ph.D. (HBNI, Mumbai, India)	15600-39100 +AGP 6000	04 Y 01 M
8.	Dr. Venkata Girish Kotnur	Assistant Professor	Ph.D. (TU-Delft, The Netherlands)	15600-39100 +AGP 6000	07 M

LIST OF CHAIR PROFESSORS

Sl. No	Name of the Chair	Name of the Chair Professor
1.	Pt. Jawaharlal Nehru Chair	Prof. K. Muralidhar, Department of Animal Biology, School of Life Sciences
2.	Dr. Homi J Bhabha Chair	Professor V.P. Dimri, Centre for Earth and Space Sciences
3.	Dr. K.L. Rao Geo-Spatial Chair	Dr. N.H. Rao, Centre for Earth and Space Sciences

LIST OF EMERITUS PROFESSORS

Sl. No	Name of the Professor	School / Department / Center
1.	Prof. G. Nancharaiah	School of Economics
2.	Prof. K.D. Sen	School of Chemistry
3.	Prof. M.V. Rajasekharan	School of Chemistry
4.	Prof. Bandi Kamaiah	School of Economics
5.	Prof. C. Bansal	School of Physics

LIST OF VISITING PROFESSORS

Sl. No	Name of the Visiting Professor	School / Department / Center
1.	Prof. Anil Kumar Saxena	Center for Health Psychology
2.	Dr. Saroj Arya	Center for Health Psychology
3.	Dr. D. Yogeswara Rao	School of Life Sciences
4.	Dr. S. Kumaresan	School of Mathematics and Statistics
5.	Prof. D.S. N. Murthy	Department of Theatre Arts
6.	Prof. Rajkumar Buyya	School of Computer and Information Sciences
7.	Prof. Sanchayan Gosh	Department of Fine Arts
8.	Prof. Nagadevara V.	School of Management Studies
9.	Prof. V.S. S. Sastry	School of Engineering Sciences and Technology
10.	Dr. Vanitha Pathak Ray	School of Medical Sciences

Part-3: III – Existing Academic Details

j. Existing students admission policy for domestic students

Criteria for Admission

The University offers facilities for Postgraduate, 5 -Year Integrated Master's Degree Courses, and Research Studies in several major areas in Sciences, (including Medical Sciences, Engineering Sciences & Technology), Humanities, Social Sciences, Performing Arts, Fine Arts, Communication and Management Studies.

Admission to the University is open to all who fulfill the prescribed qualifications without any distinction of race, caste, creed, language or sex. The selection is made strictly on the basis of merit at the entrance examination.

No student shall be eligible for admission to the Postgraduate Degree Courses unless she/he has successfully completed a three year Undergraduate Degree through an examination conducted by a University/ Autonomous College. However, as a transitory measure, a candidate who has passed a two year degree course may also be considered for admission provided she/he has undergone a further one year bridge course and passed the same.

The minimum eligibility requirements for admission to the above courses are given in a tabular form at the end of this chapter.

The eligibility of candidates passing their qualifying examinations from Universities following the letter grading system / CGPA will be determined on the basis of percentage equivalent to the letter grade/ CGPA obtained by the candidates according to the conversion formula adopted by the University concerned. In the absence of any such formula, the decision of the University shall be final and binding on the candidates.

Candidates who may be appearing for the qualifying degree examination and expecting their results and certificates before 31 July may also apply for admission.

Candidates who have completed or will be completing all the formalities viz., written the theory examinations, completed practical examinations, submitted Project reports, completed viva-voce exams etc. before 31 July and are waiting for the results of the qualifying degree examination and those who are due to appear in the qualifying degree examination in the above stated aspects and expecting their results to be declared and are getting their certificates before **31 July** will also be allowed to appear for the entrance test. The condition is that, in case of their selection to a course in the University, they should submit the certificates of the qualifying degree examination and other earlier examinations positively at the time of completion of the admission. However, the University may give extension of time up to **31 August** to submit the certificates of the qualifying degree examination. Such candidates will be given conditional admission up to **31 August** only. ***However, this facility shall not be extended to those who are taking regular or supplementary or improvement examinations of the qualifying degree after 31 July and waiting for the results.*** In the event of the concerned students failing to (i) submit their certificates of the qualifying Degree examination by **31 August**, and (ii) not passing the qualifying degree examinations with the prescribed percentage of marks, they will not be allowed to attend classes any further and their conditional admission shall be cancelled forthwith. No request will be entertained for extension of time to submit the certificates under any circumstances beyond **31 August**.

In case of non-submission of other certificates like Transfer Certificate, Migration Certificate and any other academic certificate other than the qualifying degree examination certificates, students may be allowed time upto **31 August**, failing which the Provisional admission of such candidates shall also be cancelled forthwith.

In the case of candidates admitted into Ph.D. programmes under the result awaited category those who have completed all the formalities including the viva voce of their M.Phil./M.Tech. Courses before the date of their admission **or 31 August** whichever is earlier and are awaiting their results may be allowed to submit their M.Phil or M.Tech results and certificates within a maximum period of one year from the date of their admission. During this period, they will not be paid any scholarship or fellowship. Once they submit the certificates, proving their eligibility for admission into the Ph.D., their scholarship/fellowship will be paid with retrospective effect from the date of their admission. If they fail to submit the results and the certificates within one year, their admission shall stand cancelled forthwith.

All courses at the Master's Degree level, 5-Year Integrated Master's Degree, M.Phil, M.Tech, 5-year Integrated M.Tech in Computer Science, and Integrated M.Sc./Ph.D. are full time regular courses. For Ph.D. programmes, the

candidates are encouraged to join as regular students. However, for those who are not in a position to do research on full time basis, a limited provision exists for part time research. Facility is also available for external registration to Ph.D. on regular basis at the recognized Centres of the University. The details are given in subsequent paragraphs of this chapter.

Students admitted to the regular courses are not allowed to pursue any other course except part time evening Certificate/Diploma Course of a Professional nature with prior permission of the School /Department / Centre concerned of the University. They are also not allowed to take up any employment during the period of their studies in the University. Those employed, if selected for admission, are required to submit at the time of completion of their admission, a "No Objection Certificate" besides orders from the competent authorities sanctioning leave covering the entire duration of the course, failing which, the provisional selection for admission for such candidates will be cancelled.

Reservation of Seats

1. Reservation of seats for SC and ST candidates:
In accordance with the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved 15% of seats in each course for candidates belonging to the Scheduled Castes and 7.5% for those belonging to the Scheduled Tribes, with a provision for inter changeability between these categories, wherever necessary**. *Candidates should submit a copy of the certificate of their caste/ tribe from a Revenue Officer not below the rank of Tahsildar / Mandal Revenue Officer at the time of interview, admission/counselling***. Remedial courses in English and other subjects are conducted for such students depending upon the actual need.

Note: SC/ST candidates belonging to the State of Telangana and Andhra Pradesh should submit an Integrated Community Certificate issued by the competent revenue authority.

For admission to all Postgraduate Courses, viz., M.A., M.Sc., M.C.A., M.F.A., M.P.A., Courses and 5-Year Integrated Master's Degree Courses, the minimum eligibility condition for SC/ST candidates is **"Pass"** in the minimum qualifying examination.

For admission to M.Phil. and Ph.D. a **relaxation of only 5%** marks in the minimum eligibility condition is provided to SC/ST/OBC and PH candidates.

2. Reservation of seats for OBC candidates: In accordance with the policy of the Govt. of India and the guidelines of the University Grants Commission, 27% of the seats in each course are reserved for OBC (non-creamy layer category) candidates. There is no relaxation in minimum qualifications for admission. Candidates claiming reservation under this category must enclose an attested copy of the OBC (non-creamy layer) certificate issued by a competent authority in the **format prescribed by GOI** without which their claim will not be considered under OBC category.

3. Reservation of seats for the Persons with Disability (PWD) (physically challenged) candidates
5% of seats on approved intake in each course are provided as supernumerary seats for the physically challenged candidates having minimum degree of disability to the extent of 40% provided that their physical disability does not come in the way of pursuing the course. This is split into: visually challenged (VH), hearing impaired (HI) and orthopedically handicapped (OH) candidates with a provision of interchangeability. The minimum eligibility requirements prescribed are relaxed in their cases as in the cases of SC / ST candidates. The candidates under this category should take the entrance examination for admission. ***Physically Challenged candidates are required to submit a certificate from a Medical Board/Civil Surgeon of a Govt. Hospital indicating the extent of visual/physical disability and also the extent to which the disability hampers the candidate in pursuing her/his studies***. The candidates under this category are exempted from the payment of tuition and other fees to the University.

The candidates under this category may have to undergo a fresh medical examination, if so prescribed by the University, before being admitted.

Visually challenged candidates appearing for the entrance examinations will be given extra time of 20 minutes for two hour papers and will also be allowed the use of a personal typewriter during the examination. The University will provide scribes for such candidates.

Part-3: III – Existing Academic Details

1. Reservation of seats to the wards/dependents of Defence personnel

Up to 5% of seats on the approved intake in each course are provided as supernumerary seats for the wards/dependents of Defence Personnel. The candidates should enclose a copy of the certificate issued by a competent authority in support of their claim without which their claim will not be considered. The candidates under this category should take the entrance examination for admission and fulfill all other requirements of admission.

2. Reservation of seats for Kashmiri Migrants:

Interested **Kashmiri Migrant** candidates shall apply **online** and pay prescribed fee through **online** link only (http://.acad.uohyd.ac.in). The Hard copy of online application along with the certificate of being Kashmiri Migrant be forwarded to: Assistant Registrar (Acad), University of Hyderabad, P.O. Central University, Gachibowli, Hyderabad – 500046**.**

Note :

1) No other mode of submission of application will be accepted or entertained except the procedure as laid down above.

2) If the Kashmiri migrant candidates wish to appear for the Entrance Examination then they should apply separately.

Reservation of seats for candidates coming from Jammu & Kashmir under special scholarship scheme: As proposed by the UGC, two supernumerary seats have been created for admitting the students coming from the state of Jammu & Kashmir under MHRDs special scholarship scheme. **As per the AICTE guidelines, this is only for those candidates who have passed 10+2 exam from the state of Jammu & Kashmir and would like to join undergraduate programmes in general degree, medical, architecture, pharmacy, law, nursing, agriculture, fisheries, horticulture, veterinary science, etc. The candidates need to apply through the dedicated website of AICTE for joining any of the above course in the universities/colleges allotted to them though AICTE counselling. The details of the guidelines of the special scholarship scheme for J&K may be seen at http://aicte-jk-scholarship.in**

MINIMUM QUALIFICATIONS FOR ADMISSION TO VARIOUS COURSES

Sl No	Course	Subject	Minimum Qualifications for admission
1.	I.M.Sc. (5-Year Integrated) in Sciences	Mathematical Sciences Physics Chemical Sciences Systems Biology Earth Sciences	With a minimum of 60% marks at +2 level of education (Intermediate/CBSE/ICSE/HSC or equivalent) with Science subjects.
2.	I.M.Sc. (5-Year Integrated)	Health Psychology	With a minimum of 60% marks at +2 level of education or equivalent (Intermediate/ CBSE/ ICSE/ HSC or equivalent) in Arts and Sciences.
3.	I.M.A. (5-Year Integrated) in Humanities	Telugu Hindi Language Science Urdu	With a minimum of 60% marks at +2 level of education (Intermediate/CBSE/ ICSE/HSC or equivalent) with Hindi /Telugu / Urdu as one of the subjects. (Note: The students who are applying for Hindi, Telugu, Urdu should have studied respective subjects at +2 level.) In case a student has not studied Hindi/ Telugu / Urdu as one of the subjects he/she should have passed a oriental title examinations equivalent to Intermediate (i.e. + 2 level) in Hindi / Telugu / Urdu by Government of India or any State Government thereof along with + 2 level.

Part-3: III – Existing Academic Details

4.	I. M.A. (5-Year Integrated) in Social Sciences	Economics History Political Science Sociology Anthropology	With a minimum of 60% marks at +2 level of education (Intermediate/CBSE/ICSE/HSC or equivalent).
5.	I.M.Sc. (5-Year Integrated)	Optometry and Vision Sciences	With a minimum of 60% aggregate marks in Intermediate/CBSE/ICSE/HSC or equivalent Board Examination with Science subjects.
6.	M.Sc.	Mathematics/ Applied Mathematics	Bachelor's degree with a minimum of 60% marks in the aggregate of optional subjects with Mathematics/ Statistics as one of the subjects; OR with at least 55% of marks for those students who have done B.A. /B.Sc. (Hons) course in Maths / Statistics.
7.	M.Sc.	Statistics-OR	Bachelor's degree with a minimum of 60% marks in the aggregate of optional subjects with Mathematics/ Statistics as one of the subjects; OR with at least 55% of marks for those students who have done B.A. /B.Sc. (Hons) course in Maths / Statistics.
8.	M.C.A.	Comuter Application	Mathematics as a main subject and studied as full papers in Higher Secondary (10 + 2) level is a mandatory prerequisite. First Class Bachelor's degree with at least 60% marks in aggregate, in any discipline.
9.	M.Sc.	Physics	B.Sc. with a minimum of 60% marks in the aggregate of subjects with Physics as one of the main subjects in combination with Mathematics OR with at least 55% marks in degree with a minimum of 60% in the aggregate of science subjects: Physics, Mathematics and Electronics.
10.	M. Sc.	Chemistry	B.Sc. with a minimum of 60% marks in the aggregate of Science subjects with Chemistry as one of the subjects, preferably in combination with Physics and Mathematics
11.	M.Sc.	Biochemistry	B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with Chemistry or Biochemistry as one of the subjects
12.	M.Sc.	Plant Biology & Biotechnology	B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with at least one of the following subjects: Chemistry, Botany, Genetics, Microbiology, Biochemistry, Biotechnology.
13.	M.Sc.	Molecular Microbiology	B. Sc. with a minimum of 60% marks in the aggregate of Science subjects with at least one of the following subjects: Zoology, Genetics, Biotechnology, Biochemistry, Botany, Microbiology, Life Sciences.
14.	M.Sc.	Animal Biology and Biotechnology	B. Sc. with a minimum of 60% marks in the aggregate of Science subjects.
15.	M.Sc.	Biotechnology	Bachelor/s degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery

Part-3: III – Existing Academic Details

			Sciences, Pharmacy, Engineering / Technology, 4 years B.Sc. (Physician Assistant Course) or Medicine (MBBS) or BDS with at least 55% marks. (NB: The admission is given on the basis of CBEE test conducted by the Jawaharlal Nehru University, New Delhi.)
16.	MPH	Public Health	Bachelor's degree in Medicine, Dentistry, Ayurvedic medicine, homeopathy, physiotherapy, occupational therapy, nursing, nutrition, pharmacology, veterinary sciences, agricultural sciences, social sciences or any other science degree. * Sponsored
17.	M.Sc.	Health Psychology	With a minimum 60% marks at the Graduate level with Psychology as one of the subjects for 3 years.
18.	M.Sc.	Neural and Cognitive Sci. : Neuroscience	Bachelor's degree with a minimum of 55% marks in an branch of Natural Sciences, Mathematics, Engineering and Computer Science; MBBS.
19.	M.Sc.	Cognitive Science	Bachelor's degree with a minimum of 55% marks in any branch of Natural Sciences, Mathematics, Engineering and Computer Science, Social Sciences and Humanities; MBBS.
20.	M.Sc.	Ocean & Atmospheric Sciences	With at least 55% marks in the Bachelor's degree in any branch of Science with Mathematics & Physics as compulsory subjects at the B.Sc. level, OR B.Tech. in Civil / Mechanical / Electrical. * Sponsored
21.	M.A.	English	At least 50% marks in the Bachelor's degree with at least 50% marks in English as optional subject; OR at least 50% marks in the Bachelor's degree with at least 55% marks in English as compulsory subject.
22.	M.A.	Philosophy	Bachelor's degree in any subject/s with at least 50% marks in aggregate.
23.	M.A.	Hindi	1. A Bachelor's degree with 40% marks in any subject with Hindi as one of the optional subjects/compulsory subjects/or second language. 2. A Bachelor's degree with 40% marks in any subject with a diploma in Hindi or Translation studies in Hindi (PGDTS)/Functional Hindi. 3. A Bachelor's degree with 40% marks in any subject with an oriental title examination of B.A. standard approved by Government of India or any State Government, like 'Praveen' and 'Sahitya Ratna' or any other title recognized thereof.
24.	M.A.	Telugu	With at least 50% marks in the Bachelor's degree with at least 50% marks in Telugu as optional subject; OR with at least 50% marks in the Bachelor's degree with at least 55% marks in Telugu as the compulsory subject.
25.	M.A.	Urdu	With at least 50% marks in the Bachelor's degree or equivalent with at least 50% marks in Urdu, Persian or Arabic

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			as optional papers; OR Bachelor's degree or equivalent with at least 55% marks in Urdu, Persian or Arabic as compulsory subject i.e. as second language.
26.	M.A.	Applied Linguistics	At least 50% marks or an equivalent grade in any Bachelor's degree (10 + 2 + 3 pattern) in aggregate with 50% marks in English as a compulsory or optional subject.
27.	M.A.	Comparative Literature	50% marks in the Bachelors Degree with at least 50% marks in English as Optional Subject OR 50% marks in Bachelors Degree with 55% marks in any literature / English as Compulsory Subject.
28.	M.A.	English Language Studies	Graduates from any discipline (with English as a subject in High School, Intermediate and at least one year in the graduate programme, with at least 55% marks in English).
29.	M.A.	History	With at least 50% marks in the Bachelor's degree and at least 50% marks in History; OR with at least 50% marks in the Bachelor's degree and at least 55% marks in aggregate in the allied subjects viz. Political Science, Public Administration, Economics, Sociology, Anthropology, Indology, Archaeology, Ancient Indian History and Culture OR Bachelor's degree in any subject(s) with at least 60% marks in aggregate.
30.	M.A.	Political Science	Bachelor's degree with at least 50% marks or Equivalent Grade in Social Sciences or Humanities subjects OR 55% marks in any other subject.
31.	M.A.	Sociology	With at least 50% marks in the Bachelor's degree and at least 50% marks in the subject concerned OR with at least 50% marks in aggregate in the allied subjects viz., all Social science subjects, Philosophy, Communication, Linguistics; OR Bachelor's degree in any subject (s) with 60% marks in aggregate.
32.	M.A.	Anthropology	At least 50% marks in the Bachelor's degree.
33.	M. A.	Economics	A Bachelor's degree in Economics with at least 50% marks in aggregate and at least 50% marks in Economics; OR Bachelor's degree with at least 60% marks in any of the allied subjects viz. Commerce, Statistics, Mathematics, Engineering or any of the Social Sciences subjects.
34.	M. A.	Financial Economics	A Bachelor's degree in Economics with at least 50% marks in aggregate and at least 50% marks in Economics; OR Bachelor's degree with at least 60% marks in any of the allied subjects viz. Commerce, Statistics, Mathematics, Engineering or any of the Social Sciences subjects AND Mathematics at +2 Level.
35.	M.Ed.		B.Ed. OR B.A. B.Ed., B.Sc. B.Ed. OR B.El.Ed. OR D.El.Ed. with an undergraduate degree (with at least 50% marks in each). Note: (Conditional to getting the Formal Recognition from NCTE. Presently the University has got the letter of intent and is in process of getting recognition soon. The course shall be offered subject to University getting approval from NCTE.)

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36.	M.P.A.	Dance (Kuchipudi) (Bharatanatyam	Bachelor's degree in dance; OR Bachelor's degree in any subject with a professional diploma or certificate in dance recognized by the University; OR Bachelor's degree in any subject with a certificate from a reputed Guru recognised by the University to the effect that the candidate has undergone training in dance under him/her for a period not less than five years. *(The experience/training certificate should be furnished during the practical test.*) OR A candidate with 10+fulltime 4 year diploma from Kalakshetra Foundation, Chennai with one year practical work experience in an institution; OR A candidate with 10 + 2 + full time 4 years diploma from Kalakshetra Foundation, Chennai.
37.	M.P.A.	Theatre Arts	Any graduate with an aptitude for Theatre. Experience in Theatre or any Performing Art will be an added advantage.
38.	M.F.A.	Painting Print making Sculpture	Bachelor Degree in Fine Arts BFA/BVA or BA (Fine). Essential requirements at the time of application: i) Applicant must specify the stream (Panting/Print Making/Sculpture) on priority basis on which they wish to apply to the Department of Fine Arts. ii) Applicant must submit 6 photographs (8" x 10") of his/her recent works in the specific stream in which they are applying, to the Examination Coordinator at the time of the written examination along with their answer sheets (OMR sheets). The photographs of art works must be attested by a faculty member/Head of the Fine Art college/institute from where the applicant received his/her BFA/BVA/BA (Fine) degree. This is mandatory, as this will be the basis for screening by the admission Committee. iii) If an applicant wishes to apply for more than one stream in the Fine Arts Department, they must submit photographs of recent works done in each stream, with their answer sheet at the time of the written examinations.
39.	M.F.A.	Art History & Visual Studies	Bachelor Degree in Fine Arts: BFA, BVA or BA (Fine). Candidates from related disciplines like History, Sociology, Literature and Anthropology may also be considered provided they demonstrate evidence of aptitude in Art History, capacity to read visual images and demonstrate adequate knowledge of contemporary artistic practices. Students must provide evidence of training or practice in visual arts at the time of the oral interview by bringing sketchbooks, art works or photographs of their original art works.
40.	M. A.	Communication	Bachelor's degree with at least 55% marks in Communication / Journalism/ any subject.
41.	MBA	Health Care & Hospital Management	Bachelor's degree or its equivalent with a minimum of 60% marks or equivalent grade of any recognized University. Preference will be given to those who have an academic background/experience relating to Health care management/

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			Administration areas.
42.	MBA	Business Analytics	Bachelor's degree or its equivalent with a minimum of 60% marks or equivalent grade of any recognized University. Preference will be given to those who have an academic background/experience in Engineering/ Mathematics / Statistics *Industry sponsored candidates
43.	MBA	MBA	Bachelor's degree or its equivalent with a minimum of 60% marks or equivalent grade of any recognized University. Note: The admissions for the academic year 2017-18 has been completed based on the percentile scores of the applicants in CAT 2016 followed by Group Discussion/Interview.
44.	M.Tech	Computer Science Artificial Intelligence Information Technology	First class with a minimum of 60% marks in the Bachelor's degree examination in Engineering/Technology (B.E./B.Tech)/ MCA/ M.Sc. in (Computer Science/ Information Sciences/ Electronics) GATE scores in Computer Science and Information Technology and in order of merit, will be the only criteria for admission. (No entrance examination or any interview will be conducted). (*Admissions are open for industry sponsored and foreign candidates.)
45.	5-year Integrated M.Tech.	Computer Science	First class with a minimum of 60% marks in 10 + 2 Exam with Maths, Physics & Chemistry subjects
46.	M.Tech.	IC Technology	With at least 55% marks in the Master's degree in Electronics Science OR with at least 60% marks in Physics (with Electronics as one of the subjects)/ B.E./ B.Tech., in Electronics and Communication Engineering or Instrumentation Engineering. Note: Valid GATE scores in the order of merit, in one of the following subjects will be the criterion for admission. No written test or interview will be conducted. (1) Electronics and Communication Engineering (2) Instrumentation Engineering (3) Physics. GATE Fellowship is extended to all candidates admitted. * Sponsored
47.	M.Tech.	Bioinformatics	Master's degree with a minimum of 55% aggregate marks in Biological or Agricultural sciences or Physical or Chemical Sciences or Statistics or Mathematics or Computer Sciences or B. Pharmacy or B. Tech with a minimum of 60% marks. Admission shall be through an entrance examination (75 marks) and interview (25 marks); the question paper shall include multiple choice questions from Maths, Physics, Chemistry, Biology and Computer Sciences. GATE qualified candidates may attend the interview based on their GATE qualification although they can also write the

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			entrance examination to enhance their scores. The GATE qualified candidates will be given weightage of 40/75 for the purpose of calling for interview, and such weightage will be determined on the basis of a dynamic cut-off evolved in accordance with the performance of all the candidates of the entrance examination. GATE in the following subjects will be considered: Biotechnology-BT, Chemistry-CY, Mathematics-MA, Physics-PH, Agricultural Engineering-AG, Electronics & Communication Engineering-EC, Computer Science and Information Technology-CS, Chemical Engineering-CH. Note: GATE Fellowship is subject to the approval of AICTE. University has submitted the application to AICTE for course approval.
48.	M.Tech.	Materials Engineering	B.E./B.Tech. degree in Mechanical Engineering; Metallurgical and Materials Engineering; Chemical Engineering, Production and Industrial Engineering, Ceramic Engineering OR Master of Science degree in Physics, Chemistry, or Materials Science/Biotechnology/Nano Science and Technology. Admission to the M.Tech. programme shall be based on a valid GATE score, in order of merit, in any of the following subjects: Mechanical Engineering; Metallurgical Engineering; Physics; Engineering Sciences, Chemical Engineering, and Production and Industrial Engineering.. *Candidates should have at least 55% marks in the respective qualifying exam*. Note: GATE Fellowship is subject to the approval of AICTE. University has submitted the application to AICTE for course approval.
49.	M.Phil.	English	Master's degree in English OR in an allied subject like Comparative Literature and Translation Studies OR Cultural Studies OR Dalit Literature/Studies with at least 55% marks, with English as the medium of instruction.
50.	M.Phil.	Philosophy	Master's degree in Philosophy with at least 55% marks
51.	M.Phil.	Hindi	Master's degree in Hindi with at least 55% marks * Out of 23 seats, 4 seats are reserved for Functional Hindi & Translation Stream.
52.	M.Phil.	Urdu	Master's degree in Urdu with at least 55% marks
53.	M.Phil.	Appl. Ling.	A Master's degree in Linguistics / Applied Linguistics with at least 55% marks or an equivalent grade.
54.	M.Phil.	Trans. Stud.	A Master's degree in Translation Studies / Linguistics / Applied Linguistics /Literature with a minimum of 55% marks or an equivalent grade. OR Master's degree in any other discipline with a minimum of 60% marks or an equivalent grade.

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55.	M.Phil.	Comparative Literature	Master's Degree in Comparative Literature with at least 55% marks OR Master's Degree in any language / literature related discipline with at least 55% marks. The candidate must present documentary evidence of knowledge of at least two literatures / languages (one of which may be English).
56.	M.Phil.	English Language Studies	i)M.A. in any area of English Studies (Literature/English Language Education/ Linguistics) with at least 55% marks OR ii)M.A.in Linguistics/Applied Linguistics/ Comparative Literature (with English as the medium of instruction) with at least 55% marks
57.	M.Phil.	Dalit and Adivasi Studies and Translation	Master's degree in Hindi with at least 55% marks.
58.	M.Phil.	History	Master's degree in History with at least 55% marks or equivalent grade; OR Master's degree in allied subjects with at least 60% marks or Equivalent Grade (Allied subjects: Political Science, Public Administration, Economics, Sociology, Anthropology, Indology, Archaeology, Ancient Indian History and Culture, Literature, Religious Studies, Environmental Studies and Science Policy). The M.Phil Programme is in English. All the students applying for the Programme are required to have sufficient language skills.
59.	M.Phil.	Political Science	Master's degree in Political Science/any Social Sciences /Humanities subjects with at least 55% marks or Equivalent Grade.
60.	M.Phil.	Sociology	Master's degree in Sociology or other Social Sciences including Cultural Studies with at least 55% marks.
61.	M.Phil.	Anthropology	Master's degree in Anthropology with at least 55% marks; OR Master's degree in an allied subject with at least 60% marks (Allied subjects: Sociology, Social Work, Social & Preventive Medicine, Public Health, History, Political Science, Economics, Education, Archaeology, Linguistics, Psychology, Business Administration, Environmental Sciences and Developmental Studies including Rural and Regional Development)
62.	M.Phil.	Regional Studies	Master degree in any Social Science discipline OR M.Sc. degree only in Geography/Disaster Management/Environment Studies with atleast 55% marks or equivalent grade in the subject. Eligible candidates with a willingness to work in the identified thrust areas of research at the Centre which include – Development, Urban & Regional issues, Environment, Disasters, Violence and collective identities will be preferred. Course work is compulsory for all students in M.Phil. and Ph.D. in the Centre.
63.	M.Phil.	Social Excl. & Incl. Policy	Master's degree in any of the following subjects with at least 55% marks or equivalent grade is compulsory. *Anthropology, Economics, Education, History, Human Rights, Political Science, Public Administration, Public Policy, Social*

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			Exclusion and Inclusive Policy, Social Geography, Social Work, Sociology, Women/Gender Studies.
64.	M.Phil.	Indian Diaspora	Master's degree in any subject in Social Sciences or Humanities with atleast 55% of marks.
65.	M.Phil.	Economics	Master's degree in Economics, OR in any of the allied subjects with at least 55% of marks. (Allied subjects : Commerce, Statistics, Mathematics, Engineering, Management or any of the Social Science subjects)
66.	Ph. D.	Mathematics/ Applied Maths	Master's degree in Mathematics, Applied Mathematics with at least 55% marks or equivalent grade
67.	Ph.D.	Statistics/OR	Master's degree in concerned or related subjects (Mathematics/ Applied Mathematics/Statistics/ Economics/Computational Sciences) with at least 55% marks or equivalent grade
68.	Ph. D.	Computer Science	With 55% marks in Master's Degree in any Engineering/Technology/Computer Applications / Computer Science / Mathematics / Statistics / Electronics / Information Systems / Internet Technology / Geoinformatics / Bioinformatics OR With 55% marks in B.E./B.Tech.; OR M.Phil. in Mathematics or Statistics or Electronics;
69.	Ph.D.	Physics	M.Sc. degree in Physics or closely related area with at least 55% marks. * 22 seats for July 2017 session and 5 seats for January 2018 session.
70.	Ph.D.	Electronics Science	M.Sc. Degree in Electronics or related area /Physics with Electronics with at least 55% marks or B.E./B.Tech. in Electronics and Communication or related area with at least 60% marks - (the related areas are – Instrumentation, Applied Electronics and Electronics Science) * Sponsored (if suitable applicants from R & D laboratories are available)
71.	Ph.D.	ACRHEM	M.Sc. (Physics/Applied Physics/Photonics or related areas) with at least 55% marks.
72.	Ph.D.	Earth and Space Sciences	Master's degree in Geology/Applied Geology/ Geophysics/Applied Geophysics/Earth Sciences/ Ocean/ Atmospheric Sciences, Remote Sensing or a closely related area with at least 55% marks
73.	Ph. D.	Chemistry	M.Sc. OR equivalent degree in Chemistry or in allied subjects with at least 55% marks. (Note: B.Tech. in Chemical Engineering, B.Pharm., M.Sc., in Physics or Life Sciences etc., are also treated as allied subjects for this purpose) * 43 seats for July 2017 session and 21 seats for January 2018 session.
74.	Ph.D.	Biochemistry	Master's degree in Biochemistry or in a closely related area or M.Sc. or M.Tech. in Bioinformatics or MBBS with at least

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			55% marks
75.	Ph.D.	Plant Sciences	M.Sc. in any branch of Life Sciences or M.Tech. in Bioinformatics with at least 55% marks
76.	Ph. D.	Animal Biology & Biotechnology	Master's degree in Animal Biology or in any area of Life Sciences/M.Tech. in Bioinformatics or Biotechnology, M.Pharm, or M.V.Sc. degree with at least 55% marks.
77.	Ph.D.	Biotechnology	Master's degree with 55% marks in Biotechnology or in a closely related area/ MSc Systems Biology/5-year Integrated MSc in Systems Biology/Biology or related areas OR an MBBS/ M. Tech. Biotechnology/ Bioinformatics/, M. Pharm, MVSc with a minimum of 55% marks.
78.	Int. M.Sc./ Ph.D.	Biotechnology	Bachelor degree under 10+2+3 pattern of education in Physical, Biological, Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering / Technology, 4 years B.Sc. (Physician Assistant Course) or Medicine (MBBS) or BDS with at least 55% marks. Qualifying degree should have been awarded within 2 years preceding the year of entrance examination.
79.	Ph. D.	English	Master's degree in the subject concerned or in an allied subject like Comparative Literature and Translation Studies or Language Studies or Cultural Studies with at least 55% marks, with English as the medium of instruction.
80.	Ph. D.	Philosophy	Master's degree in the subject concerned with at least 55% marks.
81.	Ph.D.	Hindi	Master's degree in the subject concerned with at least 55% marks. * Out of 4 seats, 1 seat is reserved for Functional Hindi & Translation Stream.
82.	Ph.D.	Urdu	Master's degree in the subject concerned with at least 55% marks.
83.	Ph. D.	Telugu	Master's degree in the subject concerned with at least 55% marks.
84.	Ph. D.	Applied Linguistics	a) M.A. in Linguistics / Applied Linguistics with at least 55% marks or an equivalent grade. OR (b) MA in allied subjects with a minimum of 60% marks/equivalent grade (Allied subjects include Language & Literature, Philosophy, Anthropology, Sociology, Psychology, Computer Science, Mathematics, Statistics, Communication Studies, Speech and hearing, Cognitive Science) Note: Candidates should have acquired their PG degree in English medium only.
85.	Ph.D.	Comparative Literature	Master's Degree in Comparative Literature with at least 55% marks OR Master's Degree in any language / literature related discipline with at least 55% marks. The candidate must present documentary evidence of knowledge of at least two literatures / languages (one of which may be English).

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86.	Ph.D.	Sanskrit Studies	a) Master's Degree in Sanskrit or equivalent / Natural Language Processing with at least 55% marks OR Master's degree with at least 60% marks in any subject . b) B.A.M.S. with at least 55% marks
87.	Ph.D.	English Language Studies	Master's Degree in English or Linguistics/Applied Linguistics (with English as the medium of instruction) with at least 55% marks.
88.	Ph.D.	Dalit and Adivasi Studies and Translation	Master's degree in Hindi with at least 55 % marks.
89.	Ph. D.	History	M.A. in the subject concerned (with at least 55% marks) or Equivalent Grade OR M.A. with at least 60% marks OR Equivalent Grade in in any subject. All the students applying for the Programme are required to have sufficient language skills.
90.	Ph. D.	Political Science	M. A. in Political Science with at least 55% marks OR A Master's degree with at least 60% marks or Equivalent Grade in any Social Science/Humanities subject.
91.	Ph. D.	Sociology	Master's degree in Sociology or other Social Sciences including Cultural Studies with at least 55% marks
92.	Ph. D.	Anthropology	M.A. /M.Sc. in Anthropology with a minimum 55% marks or M.A. in any allied subject with at least 60% marks. (Allied subjects: Sociology, Social Work, Social & Preventive Medicine, Public Health, History, Political Science, Economics, Education, Archaeology, Linguistics, Psychology. Business Administration, Environmental Sciences and Developmental Studies including Rural and Regional Development).
93.	Ph.D.	Regional Studies	Master degree in any Social Science discipline and M.Sc. degree only in Geography/Disaster Management/Environment Studies with atleast 55% marks of equivalent grade in the subject. Course work is compulsory for all students in M.Phil. and Ph.D. in the Centre.
94.	Ph.D.	Folk Culture Studies	Master's degree with at least 55% marks in any of the subjects in Social Sciences, Humanities, Fine Arts, Performing Arts, and Communication. Note: Medium of instruction and submission of thesis shall be in English only.
95.	Ph.D.	Social Excl. Incl. Policy	A Master's degree with any one of the following mentioned subjects with at least 55% marks or equivalent grade. *Anthropology, Economics, Education, History, Human Rights, Political Science, Public Administration, Public Policy, Social Exclusion and Inclusive Policy, Social Geography, Social Work, Sociology, Women/Gender Studies*

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96.	Ph.D.	Indian Diaspora	Master's degree with at least 55% marks in any subject in Social Science or Humanities. * 2 seats for July 2017 session and 2 seats for January 2018 session.
97.	Ph.D.	Human Rights	M.A. with 55% marks in any branch of Social Sciences and literature OR candidates with any branch of science with 60% marks in Master's degree
98.	Ph.D.	Gender Studies	Master's degree from any discipline in Social Sciences and Humanities or a Master's in Women's/Gender Studies with at least 55% marks or an equivalent grade.
99.	Ph.D.	Economics	M.A. in Economics (with at least 55% marks or Equivalent Grade) OR Master's degree in the allied subjects(Commerce, Statistics, Mathematics, Engineering and Management or any of the Social Science subjects with at least 60% marks or Equivalent Grade). * 15 seats for July 2017 session and 6 seats for January 2018 session.
100.	Ph.D.	Dance	Master's degree with 55% marks in the concerned subject. OR Master's degree with at least 60% marks in any subject. Note: The concerned subjects are Dance and related areas.
101.	Ph.D.	Communi-cation	Master's degree in the subject concerned with at least 55% marks OR Master's degree with at least 60% marks in any subject. * One seat for research on Rural Communication, under the NCRI Fellowship (terms and conditions as applicable). The candidate will be required to present a proposal on rural communication during the interview if they wish to apply for this fellowship.
102.	Ph.D.	Management Studies	With at least 55% marks in Master's degree or its equivalent in Management or Commerce or Accounting (MBA, M.Com, C.A, ICWA etc.) (* Senior Management Professionals)
103.	Ph.D.	Health Sciences : Public Health	Master's Degree or its equivalent in any stream of Bio-Medical Science including Indian Systems of Medicine, Life sciences, Applied sciences, Allied Health Sciences, Health Management and Health Administration, Social and Behavioral Sciences with an interest and inclination for public health with at least 55% marks.
104.	Ph.D.	Optometry and Vision Science	Master's degree in disciplines of Optometry, Vision Sciences, Molecular Biology, Biotechnology, Biochemistry and Microbiology, Integrated Masters in Optometry and Vision Sciences, M.Phil. in Optometry and Vision Sciences, and B.Sc. Optometry along with MBA/MPH who are interested in continuing research in visual processing by a corresponding statutory body with at least 55% marks in aggregate or its equivalent grade.

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105.	Ph.D.	Nursing	Master's degree in Nursing and/or M.Phil. in Nursing from a recognized institution with at least 55% marks in aggregate or its equivalent grade.
106.	Ph.D.	Biomedical Sciences	Master's degree in Biochemistry/Animal Sciences/ Biotechnology/ Biosciences/Toxicology/ Pharmacology/Microbiology/Biosciences from a corresponding statutory body with at least 55% marks in aggregate or its equivalent grade.
107.	Ph.D.	Psychology	Master's Degree in Psychology with at least 55% marks.
108.	Ph.D.	Cognitive Science	Master's Degree in Psychology/Linguistics/Natural Sciences/Computer Science or B.Tech. in any Engineering discipline with at least 55% marks.
109.	Ph.D.	Materials Engineering	M.E./M.Tech. or equivalent Master's degree in Metallurgy; Mechanical (Production/Manufacturing Engineering); Materials Engineering; Ceramic Engineering/ Technology; Polymer Engineering/ Technology or Engineering Physics, Chemical Engineering; Biotechnology; Nanoscience and technology OR Bachelor's degree in Engineering/Technology in any of the above disciplines. OR Master of science degree in Physics/Chemistry/Materials Science/Nano Science and Technology/Biotechnology. *Candidates should have at least 55% marks in the respective qualifying exam*.

Note:

1. For calculating the prescribed percentage of marks for admission to M.Sc./MCA courses the marks obtained in the language papers **of** the qualifying degree will be excluded.
2. The marks in Hons/Core subjects of B.A. (Hons), B.Sc. (Hons) degrees will only be taken into account for calculating the prescribed percentage of marks.
3. For calculating the prescribed percentage of marks for admission to M.A. Courses in History, Political Science, Sociology, Anthropology and Economics marks obtained in the language papers of the qualifying degree will be excluded.
4. The marks in Hons/Core subjects of B.A. (Hons), B.Sc. (Hons) degrees will only be taken into account for calculating the prescribed percentage.
5. Candidates under sponsored category shall not be eligible for GATE fellowship. Wherever GATE scores are prescribed for admission or shortlisting the candidates for interview, such candidates are required to submit their GATE scores, failing which their applications will not be considered.

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k.	**Existing students admission policy for foreign students**

Office of International Affairs:

These rules have been approved by the Academic Council of the University.
For the purposes of admission to the UoH, the term "Foreign National" implies any candidate holding a passport of a foreign country[1]. This category would include any Person of Indian Origin (PIO) or, Overseas Citizen of India (OCI) card holder who has a foreign country's passport.

Number of seats:

As per UGC guidelines Foreign Nationals will be admitted over and above the approved intake in a course up to a maximum of 15% of the approved intake in each course, depending upon the availability of adequate infrastructure. All the available seats may not be filled in a particular year if a subject's Admission Committee does not recommend anyone or if a program has inadequate infrastructure. Foreign nationals seeking admission through ICCR or other governmental agencies may apply to the University in the prescribed form through the respective bodies.

Eligibility:

a) **Applications**:
The University may consider admission of foreign nationals, "*in absentia*", on the basis of their desire "to be considered *in absentia*.[2] Their admission under the 15% bracket for International Student, to any program is subject to the condition that they are found suitable for admission by the Admissions Committee of the Centre/Department/School.

b) **Academic qualification**: A prospective Foreign National has to fulfil the eligibility conditions, including the required qualifying degree and marks/grades, as prescribed for Indian students. These conditions can be found in the prospectus which is available on the University website (**www.uohyd.ac.in or http://acad.uohyd.ac.in**). In case a student's parent University does not have a program which is prescribed as minimum eligibility condition, equivalent program may be considered. In this respect the Admission Committee's decision is final.

1. NRI's with Indian Passport are Indian Nationals and therefore, cannot be considered as International Students.
2. Foreign Nationals whose qualifying degree is from India and who are resident in India at the time of application, in order to be considered for admission into any program/course should take some part of the entrance examination in the form of Interviews in the University as prescribed by the Centre/Department/School. See additional requirements for School of Computer and Information Sciences, Department of Bioinformatics and Biotechnology. Details are available on: **http://moodle. uohyd.edu.in/index.php/ component/content /article /160-admissions/internationa-students/339**

c) **English proficiency**: Proficiency in English is a pre-condition for admission of foreign nationals. It is mandatory that all Foreign Nationals should provide one of the following two scores. The score should not be older than two years. International English Language Testing System (**IELTS**)—Academic version—minimum score of 6.5 is required; Test of English as Foreign Language (**TOEFL**)—paper-based TOEFL: a minimum score of 560 is required; Computer-based TOEFL: a minimum score of 220 is required; internet-based TOEFL: a minimum score of 80 is required.

Applications should be accompanied by copies of relevant certificates, marks sheets together with the English version of such copies duly attested, if they are in a different language. All foreign nationals seeking admission to the University will be required to produce a medical certificate of fitness from a recognized hospital in their country. Those offered admission may also be required to undergo a comprehensive medical examination as prescribed by the University.

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m. Existing Reservations Policy for Students & Faculty

In Persuance of Government of India and University Grants Commission orders on Reservation Policy received from time to time, The University of Hyderabad is Implementing Reservation to SC, ST, OBC and PWD into to.

The following table will give percentage of reservation being followed in various aspects.

1. Teachers Recruitment

Sl. No.	Category	Percentage of Reservation Provided			
		SC	ST	OBC	PWD
1	Professor	15%	7.5%	Not Applicable	3%
2	Associate Professor	15%	7.5%	Not Applicable	3%
3	Assistant Professor	15%	7.5%	27%	3%

2. Non – Teaching

Sl. No.	Category	Group	Percentage of Reservation Provided			
			SC	ST	OBC	PWD
(i)	Direct Recruitment	A	15	7.5	27	3
		B	15	7.5	27	3
		C	15	7.5	27	3
(ii)	Promotion	A	15	7.5	27	3
		B	15	7.5	27	3
		C	15	7.5	27	3

3. Student Admission

SC	ST	OBC	PWD
15%	7.5%	27%	3%

4. Hostel Admissions

SC	ST	OBC	PWD
15%	7.5%	27%	3%

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n. Existing policy on providing scholarship to meritorious / needy students

1. **INVITING APPLICATIONS:**
   a) The students whose parental income is less than 2 lakhs and who fulfill the criteria are provided Financial @ Rs. 750/- per month to the maximum of 600 students admitted in Masters and Integrated Master Programme for a period of 10 months in an academic year.
   b) The eligible students will be asked to submit the application online by mentioning Registration No., Valid email ID, Valid Mobile No., Name of the Hostel & Room No, and Valid SBI – HCU Branch account number and will be requested to submit the hardcopy of the same in the School/Department/Centre. The School/Department/Centre will place all such applications before the respective Committee constituted for the purpose at School/Department/Centre level for scrutiny and for suitable recommendations.
   c) The eligible students will be required to submit Income Certificate & Caste Certificate Issued by Revenue Officer not lower than the rank of a Thahasildar, An Affidavit of income duly signed by District Magistrate and equivalent shall be accepted from the North – East students who do not possess the Income Certificate.

2. **Selection Procedure:** Selection of the candidates are made as per the following criteria
   a) Economic Background : 50 points
   b) Merit : 30 points
   c) Social Background : 10 points
   d) Region-(as per the Govt. of India notification on classification of Backward Districts) : 10 Points

3. **Economic Background: (Total Points: 50)**

Sl.No	Annual Income	No. of Points
1	Less than 10,000	50 Points
2	10,001 to 20,000	47.5 Points
3	21,001 to 30,000	45 Points
4	31,001 to 40,000	42.5Points
5	41,001 to 50,000	40Points
6	51,001 to 60,000	37.5Points
7	61,001 to 70,000	35Points
8	71,001 to 80,000	32.5Points
9	81,001 to 90,000	30Points
10	91,001 to 1,00,000	27.5Points
11	1,01,001 to 1,10,000	25Points
12	1,11,001 to 1,20,000	22.5Points
13	1,21,001 to 1,30,000	20Points
14	1,31,001 to 1,40,000	17.5Points
15	1,41,001 to 1,50,000	15Points
16	1,51,001 to 1,60,000	12.5Points
17	1,61,001 to 1,70,000	10.0Points
18	1,71,001 to 1,80,000	7.5Points
19	1,81,001 to 1,90,000	5.0Points
20	1,91,001 to 2,00,000	2.5Points

4. **Merit: (Total Points: 30):** Three points for each grade point (cumulative) secured by the candidate. All freshers are given 30 points.

5. **Social Back Ground: (Total Points:10)**

Sl. No	Social Back Ground	No. of Points
1	Scheduled Tribe	10 Points
2	Scheduled Caste	7.5
3	OBC	5.0
4	Others	2.5

Part-3: III – Existing Academic Details

6. **Region: (Total Points: 10):** Districts classified as Backward Districts by Govt. of India: 10 Points.

7. If there are more applicants than the number available, a dynamic formula on the above four components will be adapted giving more emphasis on economic background.
8. The period of *Assistance* would be for a period of 10 months in an academic year from 01 August of the year or from the date of joining the course, whichever is later
9. *Financial Assistance is not* available in the following cases:
   a) If higher amount of Financial Assistance is received from any other source i.e. from P.G. Merit Scholarship, Single Girl Scholarship, University Rank Holders, Professional Courses for SC/ST students and National Board for Higher Mathematics (NBHM) etc.
   b) On *Repeating /Readmission to a course.*
   c) Students who discontinue the course or admitted for another Integrated / P.G. course
   d) Students pursuing the second P.G. Course
10. General conditions:
   a. To avail the assistance, the recipient should demonstrate satisfactory academic progress as defined in the academic ordinances of the university in terms of upward movement from semester to semester.
   b. 75% attendance is mandatory for claiming the Assistance every month.
   c. The Grant of scholarship is subject to minimum attendance, prompt payment of dues, good conduct and maintenance of discipline. He / She shall also not indulge in any form of ragging which will result in immediate stoppage of scholarship besides initiating legal action as per law. In all such cases, the University shall discontinue the fellowship.

Part-3: III (A) – Books & Journals and Equipment

a. Institution-wise and discipline / faculty-wise number of Books and Journals

Sl. No.	Name of the School / Department / Centre – Books	Discipline/ Center wise No. of Books	School wise Total No. of Books
1	**School of Mathematics And Statistics**		**10394**
2	**School Of Computer And Information Sciences**		**9223**
3	**School of Physics**		**16621**
	School of Physics	8630	
	University Centre for Earth & Space Sciences (UCESS)	1376	
	Centre for Advanced Studies in Electronics Science and Technology (CASEST)	2240	
	Advanced Centre for Research in Higher Energy Materials (ACRHEM)	4375	
4	**School of Chemistry**		**8201**
5	**School of Life Sciences**		**11452**
	Department of Biochemistry	2200	
	Department of Plant Sciences	3579	
	Department of Animal Biology	3229	
	Department of Biotechnology and Bioinformatics	2444	
6	**School of Humanities**		**133424**
	Department of English	15418	
	Department of Philosophy	11906	
	Department of Hindi	30592	
	Department of Telugu	32272	
	Department of Urdu	22564	
	Department of Sanskrit Studies	1041	
	Centre for Applied Linguistics and Translation Studies (CALTS)	5605	
	Centre for Comparative Literature (CCL)	2496	
	Centre for Study of Foreign Languages (CSFL)	1422	
	Centre of English Language Studies (CELS)	2448	
	Centre for Classical Language - Telugu (CCLT)	4224	
	Centre for Dalit & Advasi Studies and Translation (CDAST)	1542	
	Centre for Endangered Languages and Mother Tongue Studies (CEL&MTS)	1248	
	Centre for Buddhist Studies	646	
7	**School of Social Sciences**		**62846**
	Department of History	14096	
	Department of Political Science	10174	
	Department of Sociology	24903	
	Department of Anthropology	4444	
	Centre for Regional Studies	1100	
	Centre for Folk Culture Studies	1236	
	UGC Centre for the Study of Indian Diaspora	1200	
	Centre for the Study of Social Exclusion and Inclusive Policy	1246	
	Centre for Human Rights	1089	
	Centre for Women's Studies	1200	
	Centre for Knowledge and Innovation Studies	1208	

Part-3: III (A) – Books & Journals and Equipment

	Cenre for Ambedkar Studies	950	
8	**School of Economics**		**12371**
9	**Sarojini Naidu School of Arts And Communication**		**10142**
	Department of Dance	2256	
	Department of Theatre Arts	2700	
	Department of Fine Arts	2552	
	Department of Communication	2634	
10	**School of Management Studies**		**13226**
11	**School of Medical Sciences**		**7275**
	School of Medical Science	2850	
	Centre for Health Psychology	1583	
	Centre for Neural and Cognitive Sciences	2842	
12	**School of Engineering Sciences And Technology**		**6275**
13	**College for Integrated Studies (CIS)**		**10500**
14	Centre for Modeling Simulation and Design (CMSD)		**1128**
15	Centre for Nanotechnology		**1236**
16	**Braille books** (for visually challenged students)		**2500**
	TOTAL		**316814**

Sl No	Name of the School – E-Books	School wise Total No. of E-Books
1	**School of Mathematics And Statistics**	**275**
2	**School of Physics**	**496**
3	**School of Chemistry**	**13**
4	**School of Life Sciences**	**3028**
5	**School of Computer Science**	**3231**
6	**School of Social Sciences**	**37**
7	**School of Economics**	**22**
8	**Multidiciplinary**	**288**
	TOTAL	**7390**

Part-3: III (A) – Books & Journals and Equipment

SCHOOL / DEPARTMENT – JOURNAL / E-JOURNALS / ONLINE DATABASES

Sl. No	Title	Print / Online	Amount	Online Database	Amount	Total Amount
	CHEMISTRY					
1	Chemistry Letters	ONLINE	64925.25	Reaxys	2320042	
2	Indian Journal of Chemistry -Sec. A	PRINT	4531	Scopus	2373367	
3	Indian Journal of Chemistry -Sec. B	PRINT	4531			
4	Journal of Chemical Education	PRINT	19720.49			
5	Nanoscale	ONLINE	154989.59			
6	Synlett	ONLINE	233174			
7	Synthesis	ONLINE	345862.5			
			827733.83		**4693409**	**5521142.83**
	COMPUTER SCIENCE					
1	AI Magazine	PRINT	19665	IEL Online	3676041	
2	Asia-Pacific Journal of Operations Research	ONLINE	38447.81	ACM Digital Library	555342	
3	International Journal of Data Mining, Modeling and Management	ONLINE	55924.31	Lecture notes on Comp. Sc.	1953539	
4	International Journal of Pattern Recognition and Artificial Intelligence	ONLINE	126846.26			
5	International Journal of Sensor Networks	ONLINE	115421.57			
6	Parallel Processing Letters	ONLINE	45538.59			
			401843.54		**6184922**	**6586765.54**
	ECONOMICS					
1	American Economic Journal: Applied Economics	PRINT	40321.96	Economic outlook	276000	
2	American Economic Journal: Economic Policy	PRINT		India Time Series	70000	
3	American Economic Journal: Microeconomics	PRINT				
4	American Economic Journal: Macroeconomics	PRINT				
5	American Economic Review	PRINT				
6	Asian Economic Review	PRINT	492.5			
7	Economic Development & Cultural Change	PRINT	30916.66			
8	IMF Economic Review	PRINT	15575.48			
9	Indian Journal of Agricultural Economics	PRINT	2955			
10	Indian Journal of Regional Science	PRINT	788			

Part-3: III (A) – Books & Journals and Equipment

11	Indian Labour Journal	PRINT	1182			
12	International Financial Statistics	PRINT	11198.23			
13	Journal of Economic Literature	PRINT	30950.35			
14	Journal of Economic Perspectives	PRINT				
15	Journal of Institutional and Theoretical Economics	PRINT				
16	Journal of Political Economy	PRINT	39600.25			
17	Margin	PRINT+ ONLINE	5811.5			
18	Prajnan	PRINT	295.5			
19	Productivity	PRINT	2955			
20	Review of Economics and Statistics	ONLINE	46145.22			
21	The Economist	PRINT	7387.5			
			236575.15		**346000**	**582575.15**
	HUMANITIES					
Comparative Literature						
1	Atlantic Critical Review	PRINT	2659.5			
2	Comparative Studies of South Asia, Africa and Middle East	PRINT	12280.46			
3	Indian Literature	PRINT	246.25			
4	South Asia Research	PRINT+ ONLINE	4363.55			
5	South Asian History and Culture	PRINT	43710.36			
			63260.12			**63260.12**
English						
1	Book Review	PRINT	2500	EBSCOhost-Literary Reference Center Plus	384672	
2	Convergence	PRINT + ONLINE	45130.27	ProQuest:literature online	236359	
3	Discourse & Communication	PRINT + ONLINE	103816.79			
4	Discourse & Society	PRINT + ONLINE	Cs			
5	ELH: English Literary History	PRINT	17620.77			
6	English Language Notes	PRINT	8728.17			
7	International Journal of Canadian Studies	PRINT	6782.49			
8	International Journal of Cultural Studies	PRINT + ONLINE	71298.97			
9	Journal of Commonwealth Literature	PRINT + ONLINE	45044.47			
10	Literary Criterion	PRINT	800			

Part-3: III (A) – Books & Journals and Equipment

11	London Review of Book	PRINT	10506			
12	Modern Language Review	PRINT	24047.01			
13	New Media & Society (Comp Vol: Mobile Media & Communication)	PRINT + ONLINE	Cs			
14	New York Review of Book	PRINT	7878.65			
			344153.59		**621031.00**	**965184.59**
Hindi						
1	Alochana	PRINT	500	Not nul	60000	
2	Anuvad	PRINT	1000			
3	Bhasha	PRINT	191			
4	Chintan Srijan	PRINT	150			
5	Dakshina Bharat	PRINT	30			
6	Janpath	PRINT	350			
7	Kathakrama	PRINT	200			
8	Kavya Bharati	PRINT	400			
9	Madhumati	PRINT	120			
10	Muktanchal	PRINT	370			
11	Nayagyanodaya	PRINT	650			
12	Partiman	PRINT	1000			
13	Samakaalin Bharatiya Sahitya	PRINT	125			
14	Samayantar	PRINT	500			
15	Samiksha	PRINT	300			
16	Yuddharat Amm Aadmi	PRINT	600			
			6486		**60000**	**66486.00**
Linguistics						
1	Creative Forum	PRINT	2363.02			
2	Humor: International Journal of Humor Research	PRINT	25984.36			
3	International Journal of Computational Linguistics	PRINT	3348.02			
4	International Journal of Dravidian Linguistics	PRINT	591			
5	International Journal of	PRINT	2362.02			

Part-3: III (A) – Books & Journals and Equipment

	Translation					
6	IRAL: International Review of Applied Linguistics in Language Teaching	PRINT	25694.59			
7	Journal of Historical Linguistics	ONLINE	16737.94			
8	Language Forum	Print	2363.02			
9	Language Problems and Language Planning	ONLINE	17387.96			
10	Linguistic Inquiry	ONLINE	32960.87			
11	Multilingua	PRINT	32164.07			
12	Target	ONLINE	22100.59			
			184057.46			**184057.46**
Philosophy						
1	Journal of Philosophy	PRINT	11574.75			
2	Philosophical Review	ONLINE	13013.4			
3	Thought : A Journal of Philosophy	ONLINE	28169.25			
			52757.4			**52757.40**
Sanskrit						
1	Lokasamskritam	PRINT	69.55			
2	Sagarika	PRINT	197			
3	Vedanta Kesari	PRINT	98.5			
4	Vishwa Samskritam	PRINT	24.63			
			389.68			**389.68**
Telugu						
1	Misimi	PRINT				
2	Strivada Patrika Bhumika	PRINT	360			
3	Vaangmayi	PRINT	150			
4	Vigana Soochika	PRINT	500			
			1010			**1010**
Urdu						
1	Aiwan-E-Urdu	PRINT	150	Encyclopedia of Islam	255824	
2	Ajkal (Urdu)	PRINT	230			

Part-3: III (A) – Books & Journals and Equipment

3	Fikr-O-Nazar	PRINT	100			
4	Hamari Zaban	PRINT	125			
5	Hindustani Zuban	PRINT	100			
6	Islam aur arr - i - Jadeed	PRINT	380			
7	Jahan - e - Ghalib	PRINT	50			
8	Jamia Monthly	PRINT	380			
9	Mahname Insha	PRINT	150			
10	Nawab-E-Adab	PRINT	200			
11	Quamizaban Urdu Monthly	PRINT	150			
12	Sabras	PRINT	300			
13	Shugoofa Urdu Monthly	PRINT	500			
14	Urdu Adab	PRINT	300			
15	Urdu Book Review	PRINT	250			
			3365		**255824**	**259189.00**
LIFE SCIENCES						
1	American Journal of Human Genetics	ONLINE	1812230.49	Springer protocols	2946694	
2	Antimicrobial Agents and Chemotherapy	ONLINE	65865.51			
3	Biophysical Journal	ONLINE				
4	Blood	ONLINE	145210.5			
5	Cancer Cell	ONLINE				
6	Cell (CS with Package of Journals)	ONLINE				
7	Cell Chemical Biology	ONLINE				
8	Cell Death & Differentiation	ONLINE	120516.95			
9	Cell Host & Microbe	ONLINE				
10	Cell Metabolism	ONLINE				
11	Cell Stem Cell	ONLINE				
12	Chemistry & Biology	ONLINE				
13	Current Biology	ONLINE				
14	Developmental Cell	ONLINE				
15	Expert Reviews in Molecular Medicine	ONLINE	31670.58			
16	Immunity	ONLINE				
17	Indian Journal of Experimental Biology	PRINT	4531			
18	Indian Journal of Medical Research	PRINT	3940			

Part-3: III (A) – Books & Journals and Equipment

19	Indian Journal of Microbiology	PRINT	5375.43			
20	Indian Journal of Plant Physiology	PRINT	5786.17			
21	Infection & Immunity	ONLINE	71176.95			
22	International Journal for Parasitology (Cell Package)	ONLINE				
23	Journal of Bacteriology	ONLINE	113708.55			
24	Journal of Biological Chemistry	ONLINE	200358.75			
25	Microbiology & molecular biology reviews	ONLINE	66336.6			
26	Molecular and Cellular Biology	ONLINE	123309.9			
27	Molecular Cell	ONLINE				
28	Molecular Diagnosis & Therapy	ONLINE	110955.66			
29	National medical journal of Indian the	PRINT	600			
30	Nature Chemical Biology	ONLINE	289864.91			
31	Nature Reviews Cancer	ONLINE	219185.8			
32	Nature Reviews Microbiology	ONLINE	201969.09			
33	Nature Reviews Neurology	ONLINE	226132.89			
34	Nature Reviews Neuroscience	ONLINE	200962.27			
35	Nature: Biotechnology	ONLINE	246571.44			
36	Nature: Chemistry	ONLINE	299731.8			
37	Nature: Genetics	ONLINE	227039.03			
38	Nature: Immunology	ONLINE	200861.58			
39	Nature: Medicine	ONLINE	219185.8			
40	Nature: Neuroscience	ONLINE	220091.94			
	Nutrition research reviews	ONLINE	19453.44			
41	Oncogene	ONLINE	488914			
42	Plant Cell (Cs with plant physiology)	ONLINE				
43	Plant Physiology (Cs with Plant Cell)	ONLINE	339856.05			
44	Structure (Cell Package of journals)	ONLINE				
			6281393.08		**2946694**	**9228087.08**
MATHEMATICS & STATISTICS						
Mathematics						
1	Canadian journal of Mathematics	PRINT	65155.2			
2	Commentarii Mathematici Helvetici	ONLINE	26650.71			
3	Compositio mathematica	ONLINE	92944.24			
4	Differential and Integral Equations	PRINT	169420			

Part-3: III (A) – Books & Journals and Equipment

5	Discrete and Continuous Dynamical Systems	PRINT	310716.28			
6	Discrete and Continuous Dynamical Systems - Series B	PRINT				
7	Discrete and Continuous Dynamical Systems - Series S	PRINT				
8	Ergodic theory and dynamical systems	ONLINE	115123.05			
9	Fundamenta Mathematicae	PRINT	29804.54			
10	Indiana University Mathematics Journal	PRINT	34222.84			
11	Journal of Algebraic Geometry	PRINT+ ONLINE	32298.9			
12	Journal of Differential Geometry	PRINT+ ONLINE				
13	Journal of the American Mathematical Society	PRINT+O NLINE	30587.7			
14	Journal of The Indian Mathematical Society	PRINT	1773			
15	Kyoto Journal of Mathematics (Journal of Mathematics of Kyoto University)	PRINT	29362.12			
16	Mathematical Gazette	PRINT	10700.36			
17	Mathematical proceedings of the cambridge philosophical society	ONLINE	54319.28			
18	Mathematics Magazine	PRINT	20150.16			
19	Mathematics of Computation	PRINT+ ONLINE	55970.7			
20	Michigan Mathematical Journal	PRINT	16942			
21	Nagoya Mathematical Journal	PRINT	5923.66			
22	Osaka Journal of Mathematics	PRINT	30766.67			
23	Proceedings of the American Mathematical Society	PRINT+ ONLINE	118144.1			
24	Proceedings of The Japan Academy (A+B)	PRINT	19144.46			
25	Quarterly of Applied Mathematics	PRINT+ ONLINE	14616.5			
26	Real Analysis Exchange	PRINT	18292.17			
27	Rocky Mountain Journal of Mathematics	PRINT	106734.6			
			1409763.24			**1409763.24**
Statistics						
1	American Statistics	PRINT	17213.07			
2	Calcutta Statistical Association Bulletin	PRINT+ ONLINE	2910.6			
3	IAPQR Transactions	PRINT	500			
4	Journal of American Statistical Association	PRINT	56061.73			
5	Statistical Methods in Medical Research	PRINT+ ONLINE	60893.54			
6	Statistical Science	PRINT	20278.96			
7	Technometrics	PRINT	16046.41			
			173904.31			**173904.31**

Part-3: III (A) – Books & Journals and Equipment

MANAGEMENT STUDIES						
1	Business Today	PRINT	1029.33	Emerald management	1389418	
2	Business World	PRINT	1969.02	Indiastat.com	53715	
3	Decision IIM	PRINT	4582.5	Prowess for interactive querying (IQ)	207000	
4	Indian Management	PRINT	487.58			
5	Journal Business Economics	PRINT	3447.5			
6	Journal of Entrepreneurship	PRINT+ ONLINE	2905.75			
7	Journal of Financial Econometrics	PRINT	47017.49			
8	Journal of financial Management	PRINT	3000			
9	Management Review, IIM Bangalore	PRINT	1440			
10	South Asian Journal of Management	PRINT	2364			
11	Vikalpa: the journal of decision makers	PRINT+ ONLINE	3349			
			71592.17		**1650133**	**1721725.17**
MEDICAL SCIENCES						
1	British journal of Ophthalmology	PRINT	72742.47			
2	British medical journal	PRINT	126328.56			
3	Bulletin of WHO	PRINT	10791			
4	CLAO (Contact Lens Association of Ophthalmologists Journal)now known as Eye & Contact Lens)	PRINT	43271.2			
5	Cornea	PRINT	139220.37			
6	Indian journal of ophthalmology	PRINT	5940			
7	OLSI retina (from: ophthalmic surgery & lasers	PRINT	46966.72			
8	Ophthalmic epidemiology	PRINT	134248.22			
9	Optometry and vision science 1) American journal of optometry 2) American journal of ophthalmology	PRINT	78076.29			
10	Retina	PRINT	116375.33			
			773960.16			**773960.16**
PERFORMING ARTS FINE ARTS & COMMUNICATION						
1	Art & Deal	PRINT	1182	ARTstor	255507	
2	Art forum	PRINT	10165.2	Drama	1071836	
3	Art India	PRINT	630.4			

Part-3: III (A) – Books & Journals and Equipment

4	Art Monthly	PRINT	6520.56			
5	European Journal of Communication	PRINT+ ONLINE	74563.52			
6	Global media and communication	PRINT+ ONLINE	39518.66			
7	Jackdaw, the	PRINT	5385.14			
8	Journal of communication inquiry	ONLINE	38405.4			
9	Journal of creative communication	PRINT+ ONLINE	3349			
10	Marg	PRINT	1380			
11	Mobile Media and Communication	PRINT+ ONLINE	131529.87			
12	Take on Art	PRINT	600			
13	Television and new media	PRINT+ ONLINE	66073.8			
			379304		**1327343**	**1706647.00**
PHYSICS						
1	Applied Optics	ONLINE	359376.15			
2	European Physics Journal - Applied Physics	ONLINE	168995.9			
3	Indian Journal of Pure & Applied Physics	PRINT	3200			
4	International Journal of Modern Physics - A	ONLINE	441125.61			
5	International Journal of Modern Physics - B	ONLINE	336575.92			
6	International Journal of Nano Science	ONLINE	65786.72			
7	Journal of Nano Science and Nanotechnology	ONLINE	450708			
8	Journal of the Optical Society of America - A	ONLINE	188456.25			
9	Journal of the Optical Society of America - B	ONLINE	188456.25			
10	Modern Physics Letters - A	ONLINE	292297.91			
11	Nature: Photonics	ONLINE	243550.96			
12	Nature: Physics	ONLINE	256841.05			
13	Optics Letters	ONLINE	202342.5			
	Amount Spent		**3197713.22**			**3197713.22**
S E S T						
1	Advanced Engineering Materials	ONLINE	276044.71			
2	International Journal of Materials Research	ONLINE	165825			
3	International Materials Reviews	ONLINE	146148.95			
4	Journal of Ceramic Scinece and Technology	ONLINE	31424.67			
5	Metallurgical and Materials Transactions A	ONLINE	266976.54			
6	Nature : Nanotechnology	ONLINE	256841.05			

Part-3: III (A) – Books & Journals and Equipment

			1143260.92			**1143260.92**
SOCIAL SCIENCES						
Anthropology						
1	American Anthropologist	ONLINE	45378.69			
2	Anthropos	PRINT	12080.02			
3	Asian Man and International Journal	ONLINE	2265.5			
4	Current Anthropology	PRINT	28709.8			
5	Current Archaeology (01.02.2017-31.01.2018)	PRINT	4718.21			
6	Eastern Anthropologist	PRINT	4432.5			
7	Human Organization	ONLINE	6132.26			
8	Man In India	PRINT	4500			
9	Oriental Anthropologist	PRINT	3447.5			
10	South Asian Anthropologist	PRINT	2955			
11	Studies of Tribes & Tribal	PRINT	2955			
12	Studies on Ento - Medicine	PRINT	5910			
13	The Anthropologist	PRINT	17730			
14	Vanyajati	PRINT	88.65			
			141303.13			**141303.13**
Folk Culture Studies						
1	Journal of American Folklore	ONLINE	12140.55			
2	Journal of Folklore Research	ONLINE	4880.03			
3	Western Folklore	PRINT	4713.49			
			21734.07			**21734.07**
Health Psychology						
1	British Journal of Psychology	ONLINE	66495.3			
2	Counseling Psychologist, The	ONLINE	94784.31			
3	Health Psychology	PRINT	92167.46			
4	Health Psychology Review		36457.26			
5	Human Development	ONLINE	73681.23			
6	Indian Journal of Clinical Psychology	ONLINE	1322.5			
7	Journal of Applied Behavioral Science	PRINT+ ONLINE	74912.72			
8	Journal of Health Psychology	ONLINE	212279			
9	Journal of Indian Academy of Applied Psychology	PRINT	1182			
10	Journal of Indian Health Psychology	ONLINE	3000			
11	Psychotherapy and Psychosomatics	ONLINE	16004.81			
12	The American Psychologist	PRINT	107954.42			
			918876.04			**918876.04**
History						

Part-3: III (A) – Books & Journals and Equipment

1	Deccan Studies	PRINT	295.5			
2	Indian Economic and Social History Review	PRINT+ ONLINE	5811.5			
3	Indian Historical Review	PRINT+O NLINE	2235.95			
4	Medieval History Journal	PRINT+ ONLINE	7131.12			
5	South Asia Review	PRINT	2905.75			
6	Studies in History	PRINT	2905.75			
			21285.57			**21285.57**
Political Science						
1	Comparative Political Studies	PRINT+ ONLINE	134316.18			
2	Foreign Policy	ONLINE	4726			
3	International Journal of Public Policy	PRINT	57559.53			
4	International Political Science Review	PRINT+ ONLINE	43163.99			
5	International Review of Administrative Sciences	ONLINE	110222.31			
6	Journal of Conflict Resolution	PRINT+ ONLINE	123405.53			
7	Journal of Governance and Public Policy	PRINT	2000			
8	New Left Review (Online Archive from 1960)	PRINT	12427.25			
9	Party Politics	PRINT+ ONLINE	78077.09			
10	Political Theory	PRINT+ ONLINE	98805.74			
11	Review of Politics	PRINT	2464.74			
12	Studies in Indian Politics	PRINT+ ONLINE	2891			
			670059.36			**670059.36**
Sociology						
1	Contemporary Education Dialogue	ONLINE	3702.96			
2	Contemporary Sociology a Journal of Reviews	PRINT + ONLINE	35382.67			
3	Contributions to Indian Sociology	PRINT + ONLINE	4341.4			
4	Culture, Health and Sexuality	PRINT + ONLINE	128707			
5	Current Sociology	PRINT + ONLINE	89488.36			
6	Development	PRINT	40360.55			
7	Gender, Technology and Development	PRINT +ONLINE	4341.4			
8	Indian Journal of Gender Studies	PRINT+ ONLINE	4341.4			
9	Indian Journal of Social Work	PRINT	600			

Part-3: III (A) – Books & Journals and Equipment

10	International Sociology	PRINT	64263.45			
11	Journal of Educational Planning and Administration	PRINT	350			
12	Journal of Environment Development	ONLINE	60981			
13	Journal of Health and Social Behaviour	ONLINE	33247.9			
14	Journal of Health Management	PRINT+ ONLINE	5782			
15	Journal of Social and Economic Development	PRINT+ ONLINE	3575			
16	Mobile Media & Communication	PRINT+ ONLINE				
17	Non-Profit and Voluntary Sector Quarterly	PRINT+ ONLINE	68684.02			
18	Organisation & Environment	ONLINE	71380.56			
19	Non-Profit and Voluntary Sector Quarterly	PRINT+ ONLINE	136935.2			
20	Organization and Environment	ONLINE	71380.56			
21	Philosophy and Social Criticism	PRINT+ ONLINE	136935.2			
22	Science, Technology and Society	PRINT+ ONLINE	79192.48			
23	Seminar (India)	PRINT	500			
24	Sexualities : Studies in Society	PRINT+ ONLINE	79192.48			
25	Social Action	PRINT	420			
26	Social Change	PRINT+ ONLINE	5782			
27	Social Studies of Science	PRINT+ ONLINE	102358.21			
28	Sociological Abstracts (With Cd Rom Index)	ONLINE	275753			
29	Sociological Bulletin	PRINT+ ONLINE	4018			
30	Work Employment and Society	ONLINE	62556.48			
			1291386.44			**1291386.44**
UCESS						
1	Exploration Geophysics (Journal of the Australian Society of Exploration Geophysicists)	ONLINE	54423.77			
2	Geological Magazine	ONLINE	63435.15			
3	Geophysics	ONLINE	61099.5			
4	Gondwana Research	ONLINE	135258.42			
5	GSA bulletin	ONLINE	80155.12			
6	Himalayan Geology	PRINT	738.75			
7	Journal of Applied Geochemistry	PRINT	1871.5			
8	Journal of Climate	ONLINE	82878.83			
9	Journal of Geophysical Research -	ONLINE	184806.15			

Part-3: III (A) – Books & Journals and Equipment

	Oceans					
10	Journal of Geophysical Research - Solid Earth	ONLINE	232019.4			
11	Journal of Indian Geophysical Union	PRINT	1970			
12	Journal of Sedimentary Research	ONLINE	59512.5			
13	Leading Edge	ONLINE	14838.45			
14	Monthly Weather Review	ONLINE	82100.63			
15	Nature: Geosciences	ONLINE	319364.89			
16	Netherlands Journal of Geosciences	ONLINE	28757.26			
17	Precambrian Research	ONLINE	422691.9			
18	Preview (Magazine of the Australian Society of Exploration Geophysicists)	ONLINE				
19	Review of Geophysics (2 Users License)	ONLINE	25392			
			1851314.22			**1851314.22**
GENERAL PERIODICALS / DATABASES						
1	Business Vision	PRINT	3000	Science online	420678	
2	Down to Earth	PRINT	847.1	RemoteXS	139730	
3	Electronics for you	PRINT	566.38	Turnitin	493198.4	
4	Everyman's Science	PRINT	492.5	Grammarly edu	286983	
5	Guide To Indian Periodical Literature	PRINT	8372.5	Indian citation index	483000	
6	Health Action	PRINT	295.5	EBSCOhost-Business Source Complete Academic Search Complete	3236904	
7	Indian Journal of Environmental Protection	PRINT	6895			
8	ISST Journal of Advances in Librarianship	PRINT	2000			
9	Journal of Library Development (2016-2017)	PRINT	7500			
10	Kelpro Bulletin	PRINT	1000			
11	SERLS Journal of Information Management	ONLILNE	3450			
12	Social Scientist	PRINT	985			
13	THE: Times Higher Education Supplement	PRINT	17551.91			
14	Time	PRINT	3297.78			
15	Times Literary Supplement	PRINT	13669.98			
16	University News	PRINT	950			

Part-3: III (A) – Books & Journals and Equipment

17	University Today	PRINT	300			
			71173.65		**5060493.4**	**5131667.05**
					Total Amount	**44381309.16**

FREE ONLINE DATABASES FROM – UGC CONSORTIA (E-SHOUDHSINDHU)

THERE ARE 24 DATABASES

1. American Chemical Society (38 journals)
2. American institute of Physics (18 journals)
3. American Physical Society (8 journals)
4. Annual Reviews (43 journals – life sc., bio-medicine, medical and social sc.)
5. Economic & Political weekly
6. Emerald Univ Collection (133 titles – management/commerce/economics)
7. Institute for Studies in industrial Development (ISID) DataBase (management/economics)
8. Institute of Physics (46 journals)
9. JGate Plus (JCCC)
10. JSTOR (2500 titles – multi-discipline mostly on humanity and social sciences)
11. MathSciNet (review, abstracts)
12. Nature (1 journal)
13. Oxford University Press (262 Journals – life sc., physics, maths, social sc.)
14. Portland Press (5 journals – Bio-chemistry)
15. Project Euclid Prime (open archive – mathematics)
16. Project Muse (600 journals)
17. Royal Society of Chemistry (23 journals)
18. ScienceDirect (10 Subject Collection – 1000+ journals)
19. SciFinder Scholar (indexing, abstracting)
20. SIAM (16 journals – applied mathematics)
21. Springer Link (2000 journals – science and technology, medicine, business)
22. Taylor and Francis (1000 journals – multidiscipline)
23. Web of science (citation database)
24. Wiley Blackwell Publishing (1400 Journals – physical sc., medicine, health, engineering, social sc. Humanity)

Part-3: III (A) – Books & Journals and Equipment

c. Institution-wise and department-wise list of equipment (more than Rs. 25 lakh)

Sl. No.	Name of the equipment	Make	Purpose (Type of experiments carried out)	Cost (More than 25 lakhs) (Lakhs)
1.	Spectrofluorometer with Accessories	M/s.Horiba Instrument Incorporated.. USA	Fluorimetric Studies	50.00
2.	Universal Testing Machine	M/s.Instron.. USA	Mechanical property testing	33.00
3.	Chameleon Ultra II / Under repair of Chameleon	M/s.Coherent Inc. USA	Ultrafast LASER studies	26.00
4.	Optical Components	M/s.Jomid Tech.. USA	Ultrafast LASER studies	27.00
5.	High Energy Femto Second Oscillator	M/s.Coherent Inc. USA	Ultrafast LASER studies	184.00
6.	Transient Obsorption	M/s.Ultrafast Systems LLC. USA	Ultrafast LASER studies	62.00
7.	ICCD and Spectrograph	M/S. ANDOR TECHNOLOGY PLC.. UK	High speed explosive/combustion studies	55.00
8.	Branded work Stations and NAS Storage	M/s. Redington Distribution Pte Ltd.. Singapore.	Computational calculations in solid state	33.00
9.	BAM FALL HAMMER & BAM FRICTION	M/S. OZM RESEARCH S.R.O.. CZECH REPUBLIC	Testing of Impact and friction sensitivity	49.00
10.	Quantum Cascade Laser System	M/S. ASH Scientific Ltd.. United Kingdom	Ultrafast LASER studies	51.00
11.	FTIR SPECTROMETER TENSOR	M/S. BRUKER OPTIK GMBH.. GERMANY	IR analysis of chemical samples	32.00
12.	TITAN-5 Nd-YAG high energy pulsed laser	M/s. Amplitude Technologies S.A.. France	Ultrafast LASER studies	124.00
13.	LC-Q-ToF-MS System	M/s. Amplitude Technologies S.A.. France	Identifying exact mass of HEM samples	184.00
14.	Differential Scanning calorimeter with High pressure attachment	M/s Perkin Elmer	To study thermal behaviour of HEMs under normal and elevated temperatures	30.00
15.	Scanning Electron Microscope with EDAX	Philips. FEI XL30 ESEM Netherlands	Microscope meant to magnify size of objects to a value of more than 20.000 times	150.00
16.	X-Ray Diffractometer	Philips. PW 1830 Netherlands	To find structure of the material both in powder and thin film form	100.00
17.	Confocal Microscope	Leica. SP2 Germany	Advanced microscope to give depth information along with fluorescence measurement capability	175.00
18.	Electron Spin Resonance Spectrometer	JEOL JES-FA200 X-band Japan	To identify unpaired electrons in: free radicals. odd-electron molecules. transition metal complexes. rare earth ions	120.00

Part-3: III (A) – Books & Journals and Equipment

19.	Vibrating Sample Magnetometer	Lakeshore. 7407 USA	To measure magnetic properties of materials; magnetic phase diagrams of novel magnetic and superconducting materials	120.00
20.	Circular Dichroism Spectrometer	JASCO. 810 Japan	To study structure of proteins and their thermal properties	70.00
21.	Differential Scanning Calorimeter	Mettler-Toledo: Model DSC1. Japan	To study thermal analytical properties which include: Crystal Kinetics Studies. Determination of Heat Capacities	70.00
22.	Thermo-Gravimetry/ Differential Thermal Analyzer (TG-DTA)	Mettler-Toledo: TGA/DSC1/1600HT. Japan	Thermal Studies on: Characterization of Polymers. Study of thermal degradation	70.00
23.	High Performance Computing Cluster (1520 nodes) + 400TB Storage + Master and Storage Nodes	HP	Quantum Chemistry. Drug Modelling. Molecular Modelling. Monte Carlo simulations. Climate modelling and weather prediction. Big Data Analytics	400.00
24.	IBM P755 Cluster (512 cores)	IBM	Molecular Modelling. Protein-Protein interactions	600.00
25.	High Performance Computing cluster (1024 cores)	SGI	Quantum Chemistry. Monte-Carlo simulations	500.00
26.	60 TB Storage	IBM Storewize V7000	Data and models storage	00.00
27.	Visualisation Server + 3D projector	NVIDIA Quadro FX5600 + Christie Mirage HD6 stereo projector	Visualising results from experiments	40.00
28.	High-end Graphics Workstations	SGI	Visualising results and running scientific software packages	100.00
29.	Interactive classrooms	HP	Access to HPC clusters and running pilot code	30.00
30.	NG5000-A on High Availability Mode	Netasq	UTM (Firewall) (Network Security Device)	34.72
31.	Cloud Server1 with 4 nodes	NA	VMWare. Sophos Iview (Log Analyser)	40.80
32.	Sun Blade 6000 Chassis with 4 Blade Servers StorageTek SL48 StorageTek 6100	Sun Micro Systems	Mail Server Tape Library for Mail Server Storage for Mail Server	48.47
33.	75 Computers	Lenevo	IT Usage. Internet Access and Documentation work by use	30.56
34.	Spectrofluorimeter	Jobin Yvon Model Fluorolog FL3-22	Measurement of steady state fluorescence emission spectra of a variety of materials	25.45
35.	HPC-Linux Cluster	Fujitsu	Computation of molecular structure and dynamics	30.00
36.	GPC-HPLC	Japan Analytical Industry Co. Ltd.; Model: LC-9260 II NEXT	Semi-preparative scale separation of molecules of very similar polarity based on their size and shape	31.25
37.	Spectrofluorimeter	Jobin Yvon Fluorolog-3	Steady state measurements of fluorescence and phosphorescence with low temperature and NIR facility	35.00

Part-3: III (A) – Books & Journals and Equipment

38.	Time-correlated single-photon counting fluorescence spectrometer	Horiba IBH	Measurement of fluorescence lifetime with resolution of 50 ps	45.63
39.	Powder X-ray DIffractometer. D8 Focus	Bruker-Axs	Measurement of powder XRD line pattern of solids	52.77
40.	Single crystal X-ray Diffractometer D8 Quest	Bruker-Axs	Measurement of single crystal X-ray structure o crystalline solids	76.80
41.	Stopped-flow spectrometer	BioLogic	Measurement of reaction kinetics in milliseconds	28.00
42.	Preparative Ultracentrifuge	Thermo Electron	Separation of cellular organelle; isolation of ribosome. DNA. RNA	26.00
43.	FPLC chromatography	General Electric	Separation and purification of proteins	26.00
44.	HPC-Linux Cluster	Supermicro	Computation of network dynamics of chemical reactions in living cells	30.00
45.	Dynamic Mechanical Analyzer	Waters (TA)	Temperature and frequency dependent mechanical analysis of polymer.	54.81
46.	Gel Permeable Chromatography	Waters	Molecular weight measurements of Polymer	26.00
47.	Universal Testing Machine	Instron	Tensile measurements of polymeric films	36.99
48.	GPC-HPLC	Japan Analytical Industry Co. Ltd.; Model:	Semi-preparative scale separation of molecules of very similar polarity based on their size and shape	25.22
49.	Flash Chromatography	GRACE. USA	Preparative scale separation of compounds	27.00
50.	Confocal micro-Raman Spectrometer	WiTec. Germany	Raman imaging. single particle photonic studies	200.00
51.	FESEM	Carl-Zeiss. Germany	Topography and EDAX of nano/micro structures	237.00
52.	Atomic Force Microscope	NT-MDT. Ireland	Topography and magnetic force. STM and electrical conductivity measurements of nano/micro structures	52.90
53.	Atomic Force Microscope	Oxford -Asylum Instruments. USA	Topography and magnetic force. STM. Kelvin probe and electrical conductivity measurements of nano/micro structures	85.20
54.	Time-resolved Confocal Fluorescence Microscope (MicroTime 200)	Pico-Quant	Time-resolved confocal fluorescence microscope system with single molecule sensitivity	1.71.56
55.	BRUKER D8 QUEST SINGLE CRYSTAL X-RAY DIFFRACTOMETER	Germany	Accurate determination of molecular structure	236.00
56.	BRUKER SMART APEX CCD system	Germany	Accurate determination of molecular structure	132.04

Part-3: III (A) – Books & Journals and Equipment

57.	Oxford single crystal XRD Model: Geminie	UK	Accurate determination of molecular structure	138.11
58.	BRUKER D8 Advance X-ray system (PXRD)	Germany	Determination of structure from powder sample	103.27
59.	Femtosecond laser	Spectra Physics (USA) and CDP Systems (Russia)	Transient absorption measurements; Fluorescence up-conversion dynamics	250.00
60.	Flash Photolysis	Applied Pho-tophysics	Photochemistry and photophysics	55.00
61.	DSC	Microcal (USA)	Thermochemistry	40.00
62.	ITC	Microcal (USA)	Ligand binding. intermolecular interaction	40.00
63.	HRMS (ESI-TOF)	Bruker	Mass spectrometry	200.00
64.	CD spectropolarimeter	AVIV Biomedicals (USA)	Circular Dichroism of macromolecules and materials	55.00
65.	400 MHz NMR (AV II)	Bruker	Solution NMR measurements of synthetic products	140.00
66.	400 MHz NMR (AV III)	Bruker	Solution and solid state NMR of synthetic products	220.00
67.	500 MHz NMR (AV III)	Bruker	Solution NMR measurements of synthetic products; molecular structure and dynamics; pulse programing	350.00
68.	500 MHz NMR (AV HD)	Bruker	Solution NMR spectroscopy. triple resonance spectroscopy. Solutino structure of macromolecules	400.00
69.	EPR (X and Q bands)	Bruker	Free radical detection. electron spin-spin interactions	300.00
70.	Small and Wide Angle X-ray Scattering (SWAXS)	HECUS	Structural analysis of synthetic and biological macromolecules. and molecular assemblies.	182.00
71.	DSC	Perkin-Elmer	Thermal studies of solids	29.00
72.	TGA-MS	Netscz	Thermal degradation studies of solids	35.00
73.	LCMS	Shimadzu	Mass analysis	70.00
74.	GCMS	Shimadzu	Mass analysis	60.00
75.	Glove Box	MBRAUN-GERMANY	Performing reactions under inert atmosphere	26.00
76.	Photo-electrochemical workstation coupled with the solar simulator	Zahner	Analytical electrochemistry and the characterization and solar cells	26.00
77.	MALDI TOF / TOF AutoflexIII	Bruker Daltonics	Molecular mass analysis, CID, MS/MS analysis and peptide sequencing	160.00
78.	ESI - TOF - LCMS / MS-micro TOF q	Bruker Daltonics	Molecular mass analysis, Charge deconvolution and MS/MS analysis peptide sequencing	150.00
79.	Typhoon Trio + Vertical mode Imager Scanner	GE – Healthcare	Phosphor ,Fluorescence and Chemiluminscence imaging	34.00

Part-3: III (A) – Books & Journals and Equipment

80.	Spot Picker	Amersham Biosciences	2D gel spot picking	25.30
81.	SPR Biacore T200	GE – Healthcare	Bio molecular interaction studies	150.00
82.	AKTA Pilot	GE – Healthcare	Large Scale Protein Purification	150.00
83.	Micro Ultra Centrifuge	Beckman Coulter table top Micro Ultra Centrifuge, Optima Max – XP	For separation of cell organelles	32.00
84.	Microarray Scanner	Agilent Technology	For Scanning the Microarray Slide	100.00
85.	Microarray Spotter	Gene Machines	For making the Microarray chips	100.00
86.	LCMS Q ToF	Agilent Technology	To Identified polar metabolite analysis (Qualitative & Quantitative analysis)	125.00
87.	GCMS Q ToF	GC-Agilent Technology MS – Leco	To Identified Non polar(volatile) metabolite analysis (Qualitative & Quantitative analysis)	180.00
88.	Preparative LCMS	Agilent Technology	To collect the samples and Identified polar metabolite (Qualitative & Quantitative analysis)	70.00
89.	Linux Cluster Storage	Fujitsu/Fujitsu Primergy PH 900SI	Software used for Analysis of Big Data	30.00
90.	In Vivo Imagining Facility	Kodak / In Vivo MS FX Pro	Use for tracking the cellular movements.	130.00
91.	High Resolution melting curve analysis and quantitative PCR	Roche Light Cycler 480II with 96 & 384 block	For doing Real time PCR and detecting the single base Mutation	30.00
92.	Fully Motorized Trinocular Fluorescent Microscope	Fully Motorized Trinocular Fluorescent Microscope Model : Leica DM 6B	is used for an optical imaging and to increase the optical resolution and contrast of a micrograph	30.00
93.	3D Laser Scanning Super Resolution Microscopy with Live Cell Imaging TCS SP8 STED 3X	Leica	Live cell imaging as well as dual color scanning	300.00
94.	Ultra Microtome – Leica EMU7	Leica EMU 7	To prepare the homogenous section with precision	75.00
95.	Robotic Crystallization System ORYX4	Douglas Instrument Limited	to identify potential crystallization conditions using the micro batch crystallization method	40.00
96.	High Speed Centrifuge & Ultra Centrifuge	Beckman Coulter	High speed centrifuge used for separation of cell organelles	50.00
97.	Confocal Laser Scanning Microscope	Carl Zeiss	is used for an optical imaging and to increase the optical resolution and contrast of a micrograph	350.00
98.	Fluorescence Spectrometer-(OBC)	Horiba Jobin Yvon SAS	Analyses fluorescence from a sample. The sample is excited by using a beam of light which results in emission of light of a lower energy resulting in an emission spectrum which is used to interpret results. Has significant applications in nano-science and	39.00

Part-3: III (A) – Books & Journals and Equipment

			nanotechnology.	
99.	High Resolution X-Ray Diffractometer XRD / XRR – (DST-FIST)	Bruker AXS	X-ray diffraction, reflectivity studies on thin films, solid samples with several kinds of attachments and Geometries (like GIXRD, HRXRD, XRR, XRD, temperature dependent etc...). Has applications in different fields of research.	254.57
100.	RF SPUTTERING SYSTEM- (XI Plan EXT)	Advanced Process Technology Pvt. Ltd. (APT), Pune	Radio frequency (RF) sputtering is a technique that is used to create thin films. RF wave passes through inert gas and creates plasma (+ve ions), these ions hit the target material and creates fine spray of target material. This is deposited on the substrate. Thin films have applications in many fields including electronic devices.	55.65
101.	Micro Raman Spectrometer –(OBC)	Horiba Jobin Yvon SAS	Used to rapidly characterise the chemical composition and structure of a sample, whether solid, liquid, gas, gel, slurry or powder.	108.00
102.	e-beam evaporation system - (DST-PURSE)	Hind High Vacuum Pvt. Ltd. (HHV), Bangalore	Electron beam deposition uses a magnet to focus electrons to form a beam, which is then directed towards a crucible that contains the material of interest. The energy of the electron beam is transferred to the material, which causes it to start evaporating. The material vapours then travel out of the crucible and coat the substrate. Thin films have applications in many fields including electronic devices. (To be installed).	111.23
103.	Optical Tweezer - PURSE	Aresis		100.00
104.	Rheometer -OBC	Anton Paar		90.00
105.	SEST	Agilent Technologies,USA	To do microwave measurements with Materials and Devices	125.00
106.	SEST	Coherent GmbH, Germany	For doing PLD and Laser Annealing	76.00
107.	SEST	Litron, UK	For doing PLD and Laser Annealing	33.00
108.	SEST	Excel Instruments, Mumbai	For doing PLD and Laser Annealing	50.00
109.	SEST	Advanced Process Technologies, Pune	For metallization in Device Fabrication	56.00
110.	SEST	Novocontrol	Dielectric spectroscopy, Conductivity spectroscopy and Impedance spectroscopy	78.37
111.	SEST	Agilent Technologies	Reflection, transmission and absorbance studies of samples like films and liquids.	51.50

Part-3: III (A) – Books & Journals and Equipment

112.	SEST	Computers: DELL Mentor graphics Hardware & software: from Coreel Technologies	Circuit designing and simulation	40.25
113.	SEST	Oxford Instruments	Used for checking various parameters like nanometer scale dimensions, nanometer scale layer thickness, sheet resistance, sheet conductance, elemental distribution, concentration gradient measurements and valence state of dopants at various depth levels of semiconductor devices using the end point optical spectrometer	219.84
114.	SEST	M/s. Hitachi High Technologies, Japan	To conduct experiments for the laboratory courses & Research activities of the School	81.22
115.	SEST	M/s. Brucker Axs, Germany	To conduct experiments for the laboratory courses & Research activities of the School	100.27
116.	SEST	M/s. Hysitron, USA	To conduct experiments for the laboratory courses & Research activities of the School	150.00
117.	SEST	M/s. Star Testing Systems, Mumbai	To conduct experiments for the laboratory courses & Research activities of the School	31.20
118.	SEST	M/s. NT-MDT Services, Ireland	To conduct experiments for the laboratory courses & Research activities of the School	126.00
119.	SEST	M/s. Instron, USA	To conduct experiments for the laboratory courses & Research activities of the School	124.20
120.	SEST	M/s. Water's GMBH, Austria	To conduct experiments for the laboratory courses & Research activities of the School	30.01
121.	SEST	M/s. Linn High Thermo GMBH, Germany	To conduct experiments for the laboratory courses & Research activities of the School	62.93
122.	SEST	M/s. Bio Tek Instruments Pvt. Ltd. USA	To conduct experiments for the laboratory courses & Research activities of the School	33.00
123.	SEST	M/s. Malvern Instruments UK	To conduct experiments for the laboratory courses & Research activities of the School	26.66
124.	SEST	M/s. H. Fillunger & Co. Pvt. Ltd. Mumbai	To conduct experiments for the laboratory courses & Research activities of the School	94.66
125.	SEST	M/s. Edax. Inc NJ.	To conduct experiments for the laboratory courses & Research activities of the School	81.00
126.	SEST	M/s. FEI Co, USA	To conduct experiments for the laboratory courses & Research activities of the School	136.80
127.	SEST	M/s. Tinius Olsen India Pvt. Ltd. Noida, Uttar Pradesh	To conduct experiments for the laboratory courses & Research activities of the School	30.55

Part-3: III (A) – Books & Journals and Equipment

128.	CW, Ti Sapphire LASER -OBC			80.00
129.	SNOM-FIST			300.00
130.	RF sputtering system - old			60.00
131.	Pulsed LASER deposition			100.00
132.	XRD	PANalytical	X-ray diffraction studies on powders, pellets & thin films. It also has attachment for temperature dependent X-ray diffraction studies	60.00
133.	1400^{o}C Furnace		Provides continuous heating to process samples and materials.	20.00
134.	FESEM- (OBC/CHEM)	CARL ZEISS	Scanning electron microscopy including imaging through Inlens, SE, ESB & ASB detectors, Elemental analysis using EDS & WDS	150.00
135.	UV-Vis-NIR		Transmission and absorbance studies of samples like films and liquids	20.00
136.	FS LASER system XII Plan			100.00
137.	AFM -UPE		Force measurement, imaging, and manipulation.	50.00
138.	Arc Furnace			20.00
139.	XRD - FIST		X-ray diffraction studies	50.00
140.	Nano cluster deposition			60.00
141.	Probe station for Device Characterization -PURSE			200.00
142.	Nano Indentation-UPE		Measurement of the mechanical properties of small volumes of materials using an instrumented indentation technique. Elastic modulus, hardness, fracture toughness, creep and dynamic properties such as storage and loss moduli can be measured	90.00
143.	UV-Vis-NIR - Nano		Transmission and absorbance studies of samples like films and liquids	30.00
144.	PPMS and MPMS (Nanotech)		An automated low-temperature and magnet system for the measurement of material properties like specific heat, magnetic AC and DC susceptibility and both electrical and thermal transport properties (like Hall Effect, thermoelectric figure of merit and Seebeck Effect).	150.00
145.	MALDI TOF / TOF – AutoflexIII	Bruker Daltonics	Proteomics	160.00

Part-3: III (A) – Books & Journals and Equipment

146.	ESI -TOF-LCMS / MS-micro TOFq	Bruker Daltonics	Proteomics	150.00
147.	Typhoon Trio + Vertical mode Imager Scanner	GE – Healthcare	Proteomics	34.00
148.	Spot Picker	Amersham Biosciences	Proteomics	25.30
149.	SPR Biacore T200	GE – Healthcare	Proteomics	150.00
150.	AKTA Pilot	GE – Healthcare	Proteomics	150.00
151.	Micro Ultra Centrifuge	Beckman Coulter table top Micro Ultra Centrifuge, Optima Max-XP	Centrifugation	32.00
152.	Microarray Scanner	Agilent Technology	Genomics	100.00
153.	Microarray Spotter	Gene Machines	Genomics	100.00
154.	LCMS Q ToF	Agilent Technology	Metabolomics	125.00
155.	GCMS Q ToF	GC-Agilent Technology MS-Leco	Metabolomics	180.00
156.	Preparative LCMS	Agilent Technology	Proteomics	70.00
157.	Linux Cluster Storage	Fujitsu/Fujitsu Primergy PH 900SI	Bioinformatics	30.00
158.	In Vivo Imagining Facility	Kodak / In Vivo MS FX Pro	Image Analysis	130.00
159.	High Resolution melting curve analysis and quantitative PCR	Roche Light Cycler 480IIwith 96 & 384 block Real-Time PCR System	Genomics	30.00
160.	Fully Motorized Trinocular Fluorescent Microscope	Fully Motorized Trinocular Fluorescent Microscope Model: Leica DM 6B	Image Analysis	30.00
161.	3D Laser Scanning Super Resolution Microscopy with Live Cell Imaging TCS SP8 STED 3X	Leica	Image Analysis	300.00
162.	Ultra Microtome-Leica EMU7	Leica EMU7	Histology	75.00
163.	Robotic Crystallization System ORYX4	Douglas Instrument Limited	Proteomics	40.00
164.	High Speed Centrifuge & Ultra Centrifuge	Beckman Coulter	Centrifugation	50.00
165.	Confocal Laser Scanning Microscope	Carl Zeiss	Imaging	35.00
166.	High Speed	HITACHI, Japan	Research	25.15

Part-3: III (A) – Books & Journals and Equipment

	Centrifuge			
167.	FUSION FX6-XT 826 Imaging System	Vilber Lourmat, France	Research	25.00
168.	FACS Sorter S3e	Bio Rad, Chennai	Core Facility/ Research	47.56
				16423.48

Existing infrastructure

No of Class Rooms	No of Conference Rooms	No of Auditoria	No of Experimental / Research Lab	Library	Office Space	Computer Labs
492	99	17	185	41	188	102

Total Length of the Roads	Length of the Kacha Roads	Length of the B T Roads
40 KM	15 KM	25 KM

Sl. No	Particulars	No.s	Total area (sqm)
1.	Academic Buildings	8	33612.18
2.	Non-Academic Buildings (Central Facilities), like CIL,CMSD,CNF,CC, Health Centre etc	4	7738.50
3.	Residential Buildings (Hostels) type	6	17100.94
4.	Residential Buildings (Quarters for Faculty) type	147	15963.4
5.	Residential Buildings (Quarters non-teaching staff) type (C,D,E Quarters)	136	6782.8
6.	Guest House	1	1115
7.	Guest House (VVIP)	1	956
8.	Visiting Scholars Hostel	1	950
9.	Participant / visitors Hostel	1	1213
10.	Lecturer Hall Complex	3	19287
11.	Amenities Centers	3	1656
12.	Sport Complex	1	1257
13.	Faculty Culb	1	255
14.	**Total Built up area in Sq.mt.**		**107886.8**

Part-3: III (A) – Books & Journals and Equipment

Electrical Supply Services

Sl. No	Name of the Sub-Station	Capacity of Sub-Station	No of Diesel Generators	Capacity of Generator
1	C.M.S.D (New)	Stand by DG set	2	500 KVA
2	C.M.S.D (Old)	500 KVA		500 KVA
	Group-II			
3	Chemistry-1	500 KVA	2	500 KVA
4	Chemistry-2	Stand by DG set		500 KVA
5	New Life Sciences-1	1500 KVA	5	500 KVA
6	New Life Sciences-2			500 KVA
7	New Life Sciences-3			500 KVA
8	New Life Sciences-4			250 KVA
9	New Life Sciences-5			250 KVA
10	Domestic Sub-Station-1	315 KVA	2	320 KVA
11	Domestic Sub-Station-2	315 KVA		320 KVA
12	Old Science Complex-1	2 X 500 KVA	2	500 KVA
13	Old Science Complex-2	250 KVA		500 KVA
14	A.I.Lab + C.I.L	315 KVA+500 KVA	1+1	320 KVA+500 KVA
15	B.S.L-3	500 KVA	1	500 KVA
16	Faculty	500 KVA	1	180 KVA
17	S.N.School	Included in Chemistry	1	315 KVA
18	C-Hostel	500 KVA	1	285 KVA
19	Guest House	100 KVA	1	100 KVA
20	Primary	500 KVA	1	100 KVA
21	LH-3 (Zakhir Hussain)	500 KVA	1	125 KVA
	Total		**22**	

Part-3: III (A) – Books & Journals and Equipment

Water Supply Services

Sl. No	Name of the Pump House	Water Storage Capacity of Pump House (in Kilo Ltrs)	No of Bore wells	Total no of seawage water treatment plants	Total no of lakes and size	Total no of Check dam
1	Main Pump House	5 lakh	-	5 no.s	6 no.s	6 no.s
2	NRS Hostel	1 lakh	4			
3	NRS Back Side	6000	1			
4	A' Hostel	-	1			
5	Primary S.S	80000	1			
6	LVGH	20000	1			
7	South Campus	4 lakh	1			
8	J K Back side	80000	1			
9	MB Gate - OH	2.5 lakh	-			
10	NRS Hostel - OH	2.5 lakh	-			
11	Old A & B Qtrs Area	50+30=80	2			
12	Ladies Hostel-1 to 5	60000	2			
13	Humanities	20	-			
14	Old Science Complex	80	1			
15	Old Science Complex-OH	2 lakh	-			
16	C,D,E Qtrs OH tank	2 lakh	-			

Part-3: III (A) – Books & Journals and Equipment

m. Existing Reservations Policy for Students & Faculty

The University of Hyderabad Campus Network Facility came into existence in the year 2004. The HCU Campus Network Facility (CNF) provides a wide range of IT facilities and services with a state-of-the-art networking environment to support all University students, faculty and staff for their learning, research, teaching, and administration.

Our facilities include advanced network facilities, and powerful central servers, while our services include web-based eMail application, Internet security system, Anti-Virus application, Network services supporting up to the the Distribution switch level, ADSL Modems, and Wi-Fi services. These comprehensive facilities and services enable members of the University to have the best IT resources and environment for supporting their learning and teaching activities.

It is the mission of the Campus Network Facility to provide advanced and reliable IT services to the University community so that campus fraternity could readily access all the network services anytime and anywhere. We work in support of the vision and mission of the University, to sustain and enhance the University's excellence as an institution of higher learning through outstanding teaching and world-class research so as to produce well-rounded graduates with lifelong abilities to provide leadership within the societies they serve.

Campus Security System: The HCU Security System runs 24-hours non-stop and provide network services to support the IT needs of the University. Each and every user is given a unique user-identification, the HCU Security ID(also known as Internet Login-Id) and an associated Password, which facilitates all members of the University to access a wide range of network services and applications easily through web browsers.

Web based eMail: The CNF works towards the same vision of the University and endeavors to provide the best services available. Free access to the Internet and ample disk storage, are provided to each staff and student to facilitate their electronic mail communication, and participation in open electronic forums.

The HCU Portal provides a user-friendly and easy-to-access interface for University members to access all the centrally-provided IT services including electronic mail, and Intranet services through our high-speed campus network.

Campus Network: To support all the IT services in the University, the CNF has installed a high-speed, sophisticated and resilient campus network infrastructure for the University based on Gigabit Ethernet, Fast Ethernet and WiFi Wireless LAN technologies. The network infrastructure is managed with enforcement of high security measures, spam and virus filtering and Quality of Service (QoS) bandwidth regulation.

The coverage of the University Campus Network is extensive with more than 4,000 network points and over 14 wireless access points. A ubiquitous network access environment, known as ACEnet (Access-Everywhere-Network), has been established to provide staff and students with wired and wireless connectivity to the campus network.

Wireless connectivity is also available in all public areas in the main campus. Students can easily connect to the campus network and Internet in student residential halls. All the residents of University Campus are provided with access to Internet via ADSL modems. Basically, our staff and students are provided with uninterrupted access to the campus network anytime and anywhere. The HCU campus network is also connected to Centre for Distance Education which is located at Golden Threshold premises through leased line. Through the high-speed links, University members are provided with the resourceful network connectivity to enhance their research collaborations with other academics on a global scale.

Broadband connectivity	CNF is providing the Net facility for all the faculty quarters inside the campus is being provided with a secure connectivity along with the existing ADSL Modem facility.
Internet Connection	CNF is facilitating 2 Gbps Internet bandwidth to users for academic usages.
Wi-Fi Enabled	The University campus is WiFi enabled at some locations. However, MHRD Wi-Fi project for overall campus is under process.