



हैदराबाद विश्वविद्यालय  
University of Hyderabad

IoE Directorate



प्रतिष्ठित संस्थान  
INSTITUTION OF EMINENCE  
राष्ट्रीय असेसमेंट, वैश्विक मानक  
National Needs, Global Standards

17 Oct. 2020

Dear UoH Faculty,

The results of the First Call for Research Proposals under IoE are now in. The Research Steering Committees (RSCs) and the external reviews took a long time because most of the reviewers in India and abroad were adapting to online modes in their teaching and sought more time and, in some cases, clarifications. We regret the delay and any inconvenience this may have caused. We deeply appreciate the patience you have exercised in waiting for these results.

The results sheet shows the evaluation process.

We are in the process of finalizing the Second Call for Research Proposals, which should be out soon. Subsequent Calls are also in the making with the aid of the RSCs who are constantly advising us and examining our protocols. We expect to receive a large number of proposals in response to these Calls as well, as the UoH moves ahead enthusiastically on the path to eminence.

Individual PIs of the shortlisted proposals will be contacted soon by the Directorate to discuss the best way forward.

Do feel free to reach out to us!

With best wishes  
Pramod K Nayar  
with  
R. Chandrasekar  
Sharmistha Banerjee  
KK Kailash  
IoE Directorate

CC: OSD to VC  
PVC 1 and PVC 2  
Registrar  
FO



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**CALL FOR RESEARCH PROPOSALS - I**  
**Under “Institution of Eminence” scheme**

**RESULTS**

**Last date of submission of proposals: January 15th 2020**

**Evaluation Process**

Tier I (based on RSC approved Score card): qualifying criteria for tier II evaluation

Tier II (sent for external review based on reviewers shortlisted by RSC members with the approved score card)

Final recommendation: Score cards and comments by external reviewers assessed by RSC members for final recommendations on the proposal and budget.

The PIs will be sent a letter with the communication and instructions for further processing.

S.No	Project title / No	Principal Investigator
1	New Shortwave Infrared (SWIR) Emitting Dyes based on Bronzaphyrin, a 26 $\pi$ (2.0.0.2.0.0) Hexaphyrin <b>UOH/IOE: RC1-20-001</b>	Prof. P.K. Panda
2	Discovery of Organocatalytic Asymmetric Reactions <b>UOH/IOE: RC1-20-002</b>	Prof. D B Ramachary
3	Opto-Mechanics of Micro-Crystals for Flexible Photonics <b>UOH/IOE: RC1-20-003</b>	Prof. R. Chandrasekar
4	Organic Electrochemical Cells for Converting Ambient Solar Heat and Stored Solar Heat to Electricity with Concomitant Air Cooling <b>UOH/IOE: RC1-20-004</b>	Prof. M. Periasamy
5	1,3-Dicarbonyl Bridged Donor-Acceptors Based Tubulin Binding Agents in Pursuit of Novel Cancer Therapy <b>UOH/IOE: RC1-20-005</b>	Prof. R. Balamurugan
6.	Bio-catalytic Stereoselective Functionalization of Inert C(sp <sup>3</sup> )H Bond. <b>UOH/IOE: RC1-20-006</b>	Prof. AK Sahoo
7.	Sustainable Energy: Targeting Efficient Water Splitting and Fuel Cell <b>UOH/IOE: RC1-20-007</b>	Prof. S K Das
8.	Synthesis, Trifluoromethylation and Novel Cyclization strategies of Allenes to deliver Molecules of Agrochemical and Medicinal importance <b>UOH/IOE: RC1-20-008</b>	Prof. S. Yaragorla
9.	Liquid crystal based optical microresonators and microlasers for sensitive biosensing and detection <b>UOH/IOE: RC1-20-0010</b>	Prof. Surajit Dhara (PI)
10.	Multidimensional Ultrafast Spectroscopy <b>UOH/IOE: RC1-20-011</b>	Prof. N. Sri Ram Gopal (PI)
11.	Understanding the origin of Invisible sector: From Neutrinos to Dark Matter <b>UOH/IOE: RC1-20-012</b>	Prof. Rukmani Mohanta (PI)
12.	Nano Magnetoelectric Laminates for Novel Microwave devices and Sensing applications <b>UOH/IOE: RC1-20-013</b>	Prof. K C James Raju
13.	Association between atmospheric aerosol nucleation and cloud condensation nuclei: Implications for aerosol-indirect forcing <b>UOH/IOE: RC1-20-014</b>	Dr. Vijay P. Kanawade
14.	Subseasonal through interannual variability of River Discharge <b>UOH/IOE: RC1-20-015</b>	Prof. Ashok Karumuri
15.	Rapid Detection of Hazardous Materials using Robust, Versatile, Cost-effective SERS Substrates and Portable Raman Spectrometer <b>UOH/IOE: RC1-20-016</b>	Prof. Soma Venugopal Rao
16.	Development of new generation vaccine formulations against human and poultry pathogens and survey of its possible socio-economic implications in healthcare. <b>UOH/IOE: RC1-20-017</b>	Dr. Nooruddin Khan
17.	Deciphering genetic mechanisms controlling internal Phosphorus-use-efficiency and plant fitness under phosphorus deprivation in tomato <b>UOH/IOE: RC1-20-018</b>	Dr. Rahul Kumar

18.	Enhancement of lipid accumulation during non-photochemical quenching from <i>Chlamydomonas reinhardtii</i> under varying light intensities <b>UOH/IOE: RC1-20-019</b>	Prof. Rajagopal Subramanyam
19.	Chitinolytic machinery of <i>Ustilago maydis</i> : a potential target for effective valorization of recalcitrant chitin biopolymer. <b>UOH/IOE: RC1-20-020</b>	Dr. Jogi Madhuprakash
20.	Altered Calcium Homeostasis Impairs Mechanotransduction in Podocytes: Implications in Podocyte Depletion and Proteinuria <b>UOH/IOE: RC1-20-021</b>	Dr. Anil K. Pasupulati
21.	Indigenous environment friendly, corrosion resistant, cost effective one step water purification by novel nano-composite membrane-based technology: concept to product (ICON) <b>UOH/IOE: RC1-20-024</b>	Dr. Swati Ghosh Acharyya
22.	Wast'age' to Stor'age': Energy <b>UOH/IOE: RC1-20-025</b>	Prof V. V. S. S. Srikanth
23.	Long-term literacy training and its impact on cognitive functioning <b>UOH/IOE: RC1-20-026</b>	Ramesh Kumar Mishra
24.	Impact of Robo-advising and Blockchain Interventions on Farmers' Financial Wellbeing <b>UOH/IOE: RC1-20-027</b>	Prof Vijaya Bhaskar Marisetty
25.	Print as Resistance Proscription as Control <b>UOH/IOE: RC1-20-028</b>	Dr Gajendra Pathak
26.	Indian Writing in English Online <b>UOH/IOE: RC1-20-029</b>	Prof Anna Kurian
27.	Health care needs and practices in Indian Men and Women <b>UOH/IOE: RC1-20-030</b>	Dr Padmaja Gadiraju
28.	Brokering Mobility Migration Brokerage between Indian and Gulf <b>UOH/IOE: RC1-20-033</b>	Dr V J Varghese
29.	Communication for Development Social Change Online Course <b>UOH/IOE: RC1-20-034</b>	Prof Vasuki Belavadi
30.	Causal Link between Food Inflation and Supply Chain Management Practices in India <b>UOH/IOE: RC1-20-035</b>	Dr Pramod Mishra
31.	Assessing Higher Education Quality using Item Response Theory Analysis: Matching Problem Issues and Solutions <b>UOH/IOE: RC1-20-036</b>	Dr P Murugan