

3rd Internal Symposium-PMRF Scheme University of Hyderabad 26th November 2022

Google Meet link: <https://meet.google.com/udn-swjd-hcn>



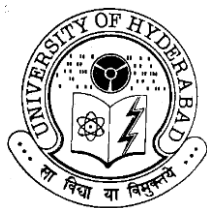
In this one-day internal symposium, the fellows of Cycle 6 and 8 under the PMRF scheme at UoH shall showcase their research work of the last year in the allotted time of 10 min talk and 5 min Q&A. The online program on the day is as follows:

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MORNING SESSION (9:30 - 13:30)

Chairs: IEC members & PMRF's Supervisor

9:30	Introduction to the Symposium, J.Gautam, PMRF Coordinator, UoH
9:40	Welcome address by Prof. B. J. Rao, Vice-Chancellor, UoH
10:00	Inaugural address by Prof. Deepa Venkitesh on behalf of the PMRF National Coordinator's Operation Team,
Talk 1 10:30	<i>polymer-metal nanocomposite thin film for electrocatalytic application</i> By Anu Bovas, School of Chemistry, Supervisor: Prof. T.P. Radhakrishnan
Talk 2 10:45	<i>Real time THz based optical measurements of metallic and explosive materials for public security, defense and radar applications.</i> By Chandan Ghorui, School of Physics, Supervisor: Prof. A.K. Chaudhary
Talk 3 11:00	<i>Exploration of Non-Standard Interactions and CPT violation in Neutrino Oscillation</i> By Dinesh Singha, School of Physics, Supervisor: Prof. Rukmani Mohanta
Talk 4 11:15	<i>Design subsystems for standoff-Laser Induced Breakdown Spectroscopy (ST-LIBS) and characterize the system</i> By Gummadi A. Prakash, School of Physics, Supervisor: Prof. G. Manoj Kumar
Talk 5 11:30	<i>Nickel oxide decorated graphenaceous composites Pt-free electrocatalyst for the efficient Oxygen reduction reaction</i> By Harita Pant, SEST, Supervisor: Prof. Vadali V.S.S. Srikanth
Talk 6 11:45	<i>Large scale synthesis of carbon nanomaterials and their application as lubricant additives</i> By Nowduru Ravikiran, SEST, Supervisor: Prof. Vadali V.S.S. Srikanth
Talk 7 12:00	<i>Electrochemical Sensing of toxic heavy metal ions in water by Square Wave Anodic Stripping Voltammetry using Novel Materials</i> By Sai SnehithaYadavali, SEST, Supervisor: Dr. Swati Ghosh Acharyya
Talk 8 12:15	<i>Pyrrrole Based High-Performance Energetic Materials: Synthesis, Characterisation and Exploration of Energetic Properties</i> By Shanmugapriya V, School Chemistry, Supervisor: Prof. Pradeepta K. Panda
Talk 9 12:30	<i>Modelling and analysis of infectious diseases with effect of spatial diffusion and limitation of individual mobility</i> By Soumak Nag, School Mathematics, Supervisor: Prof. Dr. T. Suman Kumar
Talk 10 12:45	<i>The average behavior of the normalized Fourier coefficients related to triple product L-functions and some higher degree L-functions</i> By K. Venkatasubbareddy, School of Mathematics, Supervisor: Dr. A. Sankaranarayanan
Talk 11 13:00	<i>Exploration of cancer-related long non-coding RNAs' structurome towards the development of potential therapeutics</i> By Imilyangla Longkumer, School of Life Sciences, Supervisor: Dr. Seema Mishra
Talk 12 13:15	<i>Podocyte mitochondrial injury induced by Growth hormone: Implications in Diabetic kidney disease</i> By Sumathi Raviraj, School of Life Sciences, Supervisor: Dr. P. Anil Kumar



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INSTITUTION OF EMINENCE
राष्ट्रीय अध्येषण, वैश्विक मानक
National Needs, Global Standards
स्वास्थ्य विश्वविद्यालय
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AFTERNOON SESSION (14:30-16:00)

Chairs: IEC Members & PMRF's Supervisor

Talk 13 14:30	<i>Identification of potential new targets for Bowman-Birk Protease Inhibitor in the midgut proteome of Achaea janata</i> By Bharti Kotarya, School of Life Sciences, Supervisor: Prof. K.P.M.S.V. Padmasree
Talk 14 14:45	<i>Electric-field controlled spin-wave studies in ferro(ferri)magnetic/ferroelectric heterostructures for possible magnonic applications</i> By Mrinalini, School of Physics, Supervisor: Dr. Venkataiah Gorige
Talk 15 15:00	<i>Enzyme catalyzed enantioselective phosphoramidation (P-N) to access valuable antiviral prodrugs</i> By Naik Karishma Bomo, School of Chemistry, Supervisor: Dr. T. Saravanan
Talk 16 15:15	<i>Development of plant-derived epoxy/graphene nanocomposites for anticorrosion applications</i> Mr. Srikanth Guntoju, SEST, Supervisor: Dr. Swati Ghosh Acharyya
Talk 17 15:30	<i>Total synthesis of bioactive indole alkaloids</i> By Kranthi Chatragadda, School of Chemistry, Supervisor: Prof. R. Nagarajan
Closing Remarks 15:45	Prof. R. Chandrasekar, Chairman, PMRF Internal Expert Committee for Selecting Nominations, UoH