



NCRAST - 2016

NCRAST-2016- Program Schedule

Day-1: 27-Sep-2016 (Tue) at Vivekananda Auditorium, Central Block

10:00 to 11:00	Registration
11:00 to 12:10	Inauguration: Chief Guest: Prof. Bikas Sinha, INSA Emeritus Professor, VECC, BARC, Kolkata Guest of Honour: Prof. Ajoy Kumar Ray, Director, IEST, Shibpur Special Guests: Prof. Kankan Bhattacharyya, Former Director, IACS, Kolkata and Mr. Shyamsundar Bang, Executive Director, Jubilant Life Science, NOIDA and President, IChE
12:10 to 12:30	Tea Break
12:30 to 13:30	Keynote Address: Topic: Projective and free modules over commutative rings Chair Person: Prof. D K Sinha, Former Vice Chancellor, Visva-Bharati University Speaker: Prof. Amalendu Krishna, TIFR, Mumbai
13:30 to 14:30	Lunch
14:30 to 16:30	Keynote Address: Topic: Single Molecule Spectroscopy of a Single Live Cell Chair Person: Prof. D C Mukherjee, Emeritus Professor, HIT, Kolkata Speaker: Prof. Kankan Bhattacharyya, Former Director IACS, Kolkata Plenary Session: Chair Person: Prof. Manoj Mitra, Former Dean of FET, Jadavpur University Speakers: <ul style="list-style-type: none">▪ Prof. G P Das, IACS, Kolkata (Topic: Nano-Science & Technology: Promise Expectations and Challenges)▪ Prof. Jayati Datta, IEST, Shibpur (Topic: Combinatorial approach in designing materials for panchromatic light harvesting)

Day-2: 28-Sep-2016 (Wed) at Seminar Hall, A Building

10:00 to 10:45	Keynote Address: Topic: Development of Polymer science-Interface with Nanoscience and Bioscience Chair Person: Prof. Debabrata Chakraborty, University of Calcutta Speaker: Prof. Braja Mohan Mondal, Scientist (Retd.) IACS, Kolkata
10:45 to 11:00	Tea Break
11:00 to 12:00	Keynote Addresses: Topic: Burning of the Sun & Turning of the Earth: Neutrinos and the Physics Nobel Prize 2015 Chair Person: Prof. Pranay Chaudhuri, Principal, HIT, Kolkata Speaker: Prof. Amitava Raychaudhuri, Palit Professor Dept. of Physics, University of Calcutta
12:00-13:00	Keynote Addresses: Topic: Chair Person: Prof. B B Paira, Advisor Higher Education, Kalyan Bharti Trust Speaker: Prof. G D Yadav, Hon'ble Vice Chancellor, ICT, Mumbai
13:00 to 13:45	Lunch

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13:45 to 15:00	<p><u>Plenary Session:</u> Chair Person: Prof. Siddhartha Ray, COE, HIT, Kolkata Speakers:</p> <ul style="list-style-type: none">▪ Dr. Tapas Gupta, Chief Engineer, WBPCB (Topic: <i>Environmental Issues, Challenges and Responses in Urban West Bengal</i>)▪ Prof. Soumitro Banerjee, IISER, Kolkata (Topic: <i>Nonlinear Phenomena in Power Electronics</i>)▪ Prof. Ranjan Ganguly, Jadavpur University (Topic: <i>Capillary-driven fluid transport on paper-based microfluidic devices – the future of low-cost healthcare</i>)
15:00 to 17:15	<p><u>Technical Paper Presentation</u> Chair Persons: Prof. Sulagna Chatterjee, HOD, ChE-HITK and Prof. Samiran Mitra, HOD, Chem-HITK [OP: 08, 11, 12, 13, 15, 17, 18, 19, 20, 23, 24] (11 nos.)</p>

Day-3: 29-Sep-2016 (Thu) at Seminar Hall, A-Building

10:00 to 12:00	<p><u>Panel Discussion:</u> (Swami Vivekananda Auditorium, Central Block)</p> <ul style="list-style-type: none">▪ Theme: "Innovations in Science and Technology for Sustainable Development"▪ Moderator: Prof. A.S. Kolaskar, Hon'ble Vice Chancellor, The Neotia University, West Bengal▪ Panelists:<ul style="list-style-type: none">• Prof. Subrata Kumar Dey, Hon'ble Vice Chancellor, Maulana Abul Kalam Azad University of Technology, West Bengal• Prof. D. K. Banwet, Hon'ble Vice Chancellor, University of Engineering and Management Kolkata• Prof. D. K. Sinha, Former Vice Chancellor, Visva-Bharati University, West Bengal• Dr. Siddhartha Datta, Former Pro Vice Chancellor, Jadavpur University, WB
12:00 to 12:15	Tea Break
12:15 to 13:00	<p><u>Plenary Session:</u> Topic: A k-hop Framework for Addressing the Problem of Spread of Influence Chair Person: Prof. Amitava Bagchi, Emeritus Professor, HIT, Kolkata Speaker: Prof. Subhashis Majumder, HIT, Kolkata</p>
13:00 to 14:00	Lunch
14:00 to 17:00	<p><u>Technical Paper Presentation-1</u> [OP: 01, 02, 09, 10, 14, 21, 25] (7 nos.) Chair Persons: Prof. Prabir Banerjee, HOD, ECE-HITK and Prof. Sukanta Sarkar, HOD, ME-HITK <u>Technical Paper Presentation-2</u> [OP: 03, 04, 05, 06, 07, 16, 22] (7 nos.) Chair Persons: Prof. Subhashis Majumder, HOD, CSE-HITK and Prof. Siuli Roy, HOD, MCA-HITK</p>
17:00 to 17:30	<p>Valedictory Session: Certificate Distribution:</p>
	Vote of Thanks