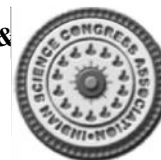


# ARYA P.G. COLLEGE, PANIPAT, HARYANA, INDIA



Technical Program of 3<sup>rd</sup> International Conference on  
Innovations in Science, Engineering & Technology  
(in Association with The Indian Science Congress Association: Rohtak Chapter &  
GCNC, DU, Delhi) Venue : Conference Hall, Arya P.G.College, Panipat  
(College with potential for Excellence, Status by UGC, New Delhi)  
November 9-10,2019



09.11.2019 (Saturday)	
<b>Registration</b> <i>Inauguration and Keynote address :</i> <b>KN1:</b> Quality Science Education for Innovation and Creativity in Science and Technology <b>Prof. A. K. Bakhshi</b> <i>Vice-Chancellor</i> <i>PDM University, Bahadurgarh, Haryana</i>	<b>8:00-9:30 AM</b>  <b>9:30-11:00</b>
<b>High Tea</b> Technical Session – I Session Chairman : Prof. A. K. Bakhshi & Prof. A. Pal	<b>11:00-11:20</b>
<b>KN2:</b> Bioinspired Surfaces from Superhydrophobic to Superoleophobic with Nanotubular Design <b>Prof. Thierry Darmanin</b> <i>Université Côte d'azur, NICE Lab, IMREDD, 06000 Nice, France</i>	<b>11:20-11:40</b>
<b>KN3:</b> Green chemistry: Key to reducing waste and improving environment <b>Prof. R.K.Sharma</b> <i>Green Chemistry Network Centre, Department of Chemistry, University of Delhi, Delhi-110007, India</i>	<b>11:40-12:00</b>
<b>Oral Presentation</b> 1-11 (conference Hall), 12-22 (Seminar Hall) parallel session	<b>12:00-13:30</b>
Lunch & <b>Poster Presentation Venue: :</b> Conference Hall (1-75)	<b>13:30-14:30</b>
<i>Technical Session II Session Chairman</i> <b>Prof. Thierry Darmanin &amp; Prof. R.K. Sharma</b>	
<b>KN4:</b> Studies of Aqueous Solution of Various Surfactants in Ionic Liquids <b>Prof. Amalendu Pal</b> <i>Department of Chemistry, Kurukshetra University, Kurukshetra-136119, India</i>	<b>14:30-14:50</b>

<p><b>Plenary lecture-1:</b> Ionic liquid based systems: Applications in inorganic and bio-materials</p> <p><b>Dr. Arvind Kumar</b> <i>Salt and Marine Chemicals Division</i> <i>CSIR-Central Salt and Marine Chemicals Research Institute G. B. Marg,</i> <i>Bhavnagar-364002</i></p>	<p><b>14:50-15:10</b></p>
<p><b>PL2:</b> Challenges and Opportunities in using Ionic Liquids as Green Solvents for Chemical and Technological Applications</p> <p><b>Dr. Ramesh L. Gardas</b> <i>Department of Chemistry, Indian Institute of Technology Madras,</i> <i>Chennai 600 036, INDIA.</i></p>	<p><b>15:10-15:30</b></p>
<p><b>Technical Session-III Session Chairman:</b> Prof. Arvind Kumar &amp; Dr. R.L. Gardas</p>	
<p><b>KN 5:</b> Rare-earth doped Nanophosphors for Display Applications</p> <p><b>Prof. S.P. Khatkar</b> <i>Professor and Head, Department of Chemistry</i> <i>Dean, Faculty of Physical Sciences</i></p> <p><b>Ex. Director and Dean</b> <i>University Institute of Engineering &amp; Technology</i> <i>MaharshiDayanand University, Rohtak-124001, India</i></p>	<p><b>15:30-15:50</b></p> <p><b>15:50-16:10</b></p>
<p><b>IT 1 :</b> Symmetrical bisheterocycles: Design, synthesis &amp; biological studies</p> <p><b>Prof. Mohamad Yusuf</b> <i>Department of Chemistry,</i> <i>Punjabi University, Patiala-147002, Punjab.</i> <i>E-mail: yusuf_sah04@yahoo.co.in</i></p>	<p><b>16:10-16:30</b></p>
<p><b>Tea</b></p>	<p><b>16:30-16:50</b></p>
<p>Technical Session-IV Session Chairmen: <b>Prof. S.P. Khatkar &amp; Dr. Arvind Kumar</b></p>	
<p><b>IT2:</b> Solar Photocatalysis based Water Purification using Advanced Nanostructured Materials</p> <p><b>Manika Khanuja</b> <i>Centre for Nanoscience and Nanotechnology, JamiaMilliaIslamia,</i> <i>New Delhi - 110025, India.</i></p>	<p><b>16:50-17:10</b></p>

Technical Schedule

<b>Invited Talk -3:</b> Chemistry involved in recent technological innovations in petroleum industry for developing sustainable products <b>Dr. Raj K. Singh</b> <i>CSIR-Indian Institute of Petroleum, P.O. Mohkampur, Dehradun-248 005, Uttarakhand, India</i>	<b>17:10-17:30</b>
Technical Session-IV Session Chairmen: <b>Dr. Arvind Kumar &amp; Dr. M.Yusuf</b>	
<b>Oral Presentation:</b> 23-30 (Conference Hall), 31-37 ( Seminar Hall) parallel Session	<b>17:30-18:30</b>
Cultural Evening (Venue: O.P. Shingla Auditorium, Arya P.G. College, Panipat)	<b>18:30-19:30</b>
<b>Dinner</b>	<b>20:00-21:30</b>
<b>10.11.2019 (Sunday)</b>	
<b>Break fast</b>	<b>8:00-10:00</b>
Technical Session- V Session Chairman: <b>Prof. Amalendu Pal</b>	
<b>K.N.6 :</b> Synthesis of Low-cost Adsorbent Materials from Waste products & their Wastewater Treatment Applications <b>Prof. (Dr.) Vinay Kumar Jha</b> <i>Central Department of Chemistry, Tribhuvan University, Kirtipur, Kathmandu, Nepal</i>	<b>10:00-10:20</b>
<b>Plenary Lecture-3 :</b> Strategic planning of proteins in ionic liquids: Future solvents for enhanced stability of protein against multiple stresses <b>Dr. Pannuru Venkatesu</b> <i>Department of Chemistry, University of Delhi, Delhi-110 007, India</i>	<b>10:20-10:40</b>
<b>IT4</b> Biogenic Zinc Oxide/PLGA-Zinc Oxide Nanocomposite: An adaptable Photocatalytic and Antibacterial tool <b>Dr. Shweta Sharma</b> Institute of Forensic Science & Criminology Panjab University, Chandigarh-160 014 INDIA	<b>10:40-11:00</b>
<b>High Tea</b>	<b>11:00-11:20</b>
Technical Session-VI Session Chairman: <b>Prof. S.P. Khatkar &amp; Dr. Anil Kumar</b>	

*Technical Schedule*

<b>PL4</b> Nanotechnology for Environment Safeguard <b>Prof. Ashok K. Sharma</b> <i>Thin Film Laboratory, Department of Materials Science &amp; Nanotechnology, Deenbandhu Chhotu Ram University of Science &amp; Technology, Murthal-131039 (India)</i>	<b>11:20-11:40</b>
<b>PL5</b> : Efficient and Regioselective Syntheses of Drug-like Nitrogen Heterocycles <b>Prof. Dalip Kumar</b> <i>Department of Chemistry, Birla Institute of Technology and Science, Pilani-333031</i>	<b>11:40-12:00</b>
<b>Oral Presentation:</b> (38-50) Seminar Hall (Parallel Session) (51-65) Dr. M. Yusuf & Dr. P. Venkatesu	<b>12:00-13:30</b>
Lunch & Poster Presentation (76-151) Venue: CONFERENCE HALL	<b>13:30-15:00</b>
Valedictory Address	<b>15:00-16:00</b>
<b>Tea</b>	<b>16:00-16:30</b>