

Trends in Materials and Chemical Sciences

4th -5th November 2019

SCIENTIFIC PROGRAMME

Venue: Sir M. V. Seminar Hall, Academic Block – 2
 Manipal Institute of Technology,
 Manipal – 576 104, Karnataka

| November 4th, 2019 | |
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| 8.30 - 9.30 A.M. | Registration |
| 9.30 - 10.15 A.M. | Welcome/Inauguration <i>Master of ceremony: Dr Poornima Bhagawath & Dr. Venkatachalam H.</i> |
| 10.15 - 10.30 A.M. | Tea break |
| 10.30 - 11.30 A.M. | Keynote address -1: Prof. M S Hegde , IISc. Talent Development Centre. Challakere Campus Auto-Exhaust Catalysts - Present status |
| Technical Session I | |
| 11.30 - 12.00 Noon | Invited Talk: Prof. Sandeep Kumar Raman Research Institute, Bengaluru Liquid crystals in photovoltaics: A new generation of organic photovoltaics |
| 12.00 - 1.00 P.M. | Oral presentations [OP 1 to OP 4] Chair: Dr. Sandeep Kumar & Dr. Anil Kumar |
| 1.00 - 2.00 P.M. | LUNCH |
| Technical Session II | |
| Coordinated by: Dr. N.V. Anil Kumar Dr. Nithin Shetty | |
| 2.00 - 2.30 P.M. | Invited Talk: Prof. Nithyananada Prabhu Dept. of Metallurgical Engineering and Materials Science, IIT Mumbai Exploring Improved Corrosion Resistance through Friction Stir Processing (FSP) |
| 2.30 - 3.30 P.M. | Oral presentations [OP 5 to OP 8] Chair: Dr. Sandeep Kumar & Dr. Anil Kumar |
| 3.30 - 3.45 P.M. | Group Photo session |
| 3.45 - 4.00 P.M. | Tea break |
| Technical Session III | |
| 4.00 - 4.30 P.M. | Invited Talk: Dr. B Vishalakshi , Professor, Department of Chemistry, Mangalore University, Mangalagangothri Polysaccharide based Hybrid Nanocomposites: Evaluation as Adsorbent Materials for Water Purification |
| 4.30 - 5.30 P. M. | Poster presentations Chair : Dr. V. Ganesh & Dr. Vishalakshi |
| 6.30-7.30 P.M. | Cultural evening –Library Auditorium |

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| 7.30 - 8.30P.M. | | DINNER – Canteen |
| November 5th, 2019 | | |
| Technical Session IV | | Coordinated by: Dr. M.Srinivasalu Dr. Preethi Kumari |
| 9.30-10.15 A.M. | Keynote address -2 | Dr. Anil Kumar Chair Professor Chemistry Department IIT, Mumbai Sustainable & Green Chemical Manufacturing via continuous flow |
| 10.15 – 10.45 A.M. | | Invited Talk: Dr. V Ganesh, Senior Scientist CECRI, Karaikudi Multidisciplinary Approach in Biomedical Sciences and its Impact on Human Societal Life |
| 10.45 - 11.00 A.M. | | Tea break |
| 11.00 - 11.30 A.M. | | Invited Talk: Dr. Srinivas Mutalik Professor and Head Department of Pharmaceutics Manipal College of Pharmaceutical Sciences Novel Drug Delivery: Overview and Case Studies |
| Technical Session V | | Coordinated by: Dr. Subrahmanya Bhat Dr. Santosh Gaonkar |
| 11.30 – 12.50 P.M. | | Oral presentations [OP 9 to OP 12] |
| 12.50 – 2.00 P.M. | | LUNCH |
| Technical Session VI | | Chair: Dr. V. Ganesh Senior Scientist CECRI, Karaikudi |
| 2.00 - 2.30 P.M. | | Invited Talk: Dr. Ashok Rao Professor Department of Physics MIT Manipal. Beautiful world of Thermoelectric Materials for Clean Energy Production |
| 2.30 - 3.00 P.M. | | Invited Talk: Dr. Suresh Kulkarni Associate Professor Department of Atomic &Molecular Physics MAHE Functional oxide nanoparticles: Swift synthesis and processing to tailor the material properties |
| 3..30-4.00 P.M. | | Valedictory function |
| 4.00 P.M. | | HIGH TEA Distribution of certificates. |