

An International Conference on Supramolecules and Forensic Nanotechnology was held at GFSU on 23rd to 24th February 2018.

Institute of Research and Development, Gujarat Forensic Sciences University in collaboration with Gujarat University organized an “International Conference on Supramolecules and Forensic Nanotechnology” on 23rd to 24th February 2018. Dr. J. M. Vyas, Director General of GFSU inaugurated the conference in presence of Prof. Himangshu Pandya, Vice Chancellor of Gujarat University, Prof. Y. K. Agrawal, Director-IRD and convener of this conference and C. D. Jadeja, Registrar of GFSU at GFSU auditorium on 23rd February. More than two hundred research scholars, academicians and scientists from all parts of India participated in this international conference in which thirteen renowned senior professors and research scientists from both India and abroad delivered plenary lectures and more than hundred research papers were presented. Science and Engineering Research Board (SERB, New Delhi), Board of Research in Nuclear Sciences (BRNS, Mumbai) and Gujarat Council on Science and Technology (GUJCOST, Gandhinagar) were associate partners and provided financial support for this conference.

In his inaugural speech, Dr. J M Vyas, stressed the need for nanotechnology-based innovations for criminal investigations and development of indigenous techniques to reduce the reliance on foreign techniques. He also mentioned the introduction of MS Forensic Nanotechnology program in GFSU since its inception in 2009 along with other four courses, which reflects its importance in forensic investigative research. Prof. Himangshu Pandya addressed the gathering with invitation to involve in more collaborative research programs among different institutions and urged the young researchers to do need based research and innovation work to help the society in large. Prof. Agrawal elaborated the huge potential of supramolecules and nanotechnology in different areas of forensic investigative research including trace level analysis, imaging,

nanoenergetics material and others.

Among the notable speakers delivered lectures in the conference were Prof. V. Chandrasekhar (Director, TIFR-Hydrabad), Prof. Israel Sehechter (Israel Institute of Technology, Israel), Prof. Arun Chattopadhyay (IIT-Guahati), Prof. G. K. Lahiri (IIT-Mumbai), Prof. J. N. Moorthy (IIT-Kanpur), Prof. Parthasarathi Mukherjee (IISC-Bengaluru), Prof. Hironori Tsunoyama (Keio University, Japan), Prof. Samar K Das (Hyderabad University), Prof. H. M. Chawla (IIT-Delhi), Prof. R. V. Jasra (Head-R&D Reliance Industries Ltd), Prof. S. K. Mehta (Punjab University) and Prof. S. M. Khopkar (IIT-Mumbai).

‘Nanotechnology based new analytical methods for trace level detection of several analytes’, ‘Novel Nano-energetic materials’, ‘Nano-composite based anti-ballistic material’, ‘New supramolecules for sensing, imaging, gas storage, catalysis and OLED applications’, ‘Metal and semiconductor nanocluster based device for forensic research’ and ‘liquid membrane based separation technique’ are among several topics discussed in this two day’s conference. Four young research scholars were also awarded for their innovative research work at this conference among more than hundred research papers, which were presented.





