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Professor of Chemistry, Pt. Ravishankar Shukla University, Raipur

Dr. Parag Naik

Lead Scientist, ITC Limited, Bengaluru

Scope of the Symposia

- Thermodynamics, modelling, simulation and theory of surfactants-based systems
- Surfactants adsorption at interfaces and pseudo-phase formation
- Mixed surfactant systems, surfactants in separation processes
- Kinetics of surfactant-based systems
- Bioderived, bioinspired and gemini surfactants, sustainability in surfactants

- Polymeric and polymerizable surfactants
- Surfactants in applications
- Surfactants wetting, spreading and capillary phenomena
- Monolayers and Langmuir-Blodgett films
- Surfactants – experimental methods, techniques and approaches
- Surfactants in tribology
- Adsorption layer dynamics at interfaces
- General/other topics
- Young Scientist Forum

International Advisory Committee

- Prof. Edgar Acosta (Canada)
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- Prof. Ramon G. Rubio (Spain)
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- Prof. Junbai Li (China)

Confirmed List of Speakers

- Prof. Julian Eastoe (UK)
- Prof. Jong-Duk Kim (S. Korea)
- Prof. John Texter (USA)
- Prof. Sunil Bhagwat (India)
- Prof. Edgar Acosta (Canada)
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- Prof. Amiya Kumar Panda (India)
- Prof. Kallol K. Ghosh (India)
- Prof. Jaideep Chatterjee (India)



24th International Symposium on SURFACTANTS IN SOLUTION June 16-21, 2024, Goa, India



“We look forward to welcome you in India in 2024”

“Jointly Organised by”



**In association with Society for Industrial Chemistry &
Indian Society for Surface Science and Technology**

Surfactants in Solution Symposium series

The "Surfactants in Solution" Symposium series was initiated in 1976, when it was first held in Albany, New York, under the chairmanship of Dr. Kash Mittal. Two more meetings were held in the USA (Knoxville and Potsdam) before the Symposium became truly international: Lund (1982), Bordeaux (1984), New Delhi (1986), Ottawa (1988), Gainesville (1990), Varna (1992), Caracas (1994), Jerusalem (1996), Stockholm (1998), Gainesville (2000), Barcelona (2002), Fortaleza (2004), Seoul (2006), Berlin (2008), Melbourne (2010), Edmonton (2012), Coimbra (2014), Jinan (2016), Norman (2018) and Lublin (2022). These Symposia allow academicians and scientists from Industry to present their work in basic aspects of Surfactants and Interfacial science and also meet people and network with their peers working in these all important areas. The next edition of the Symposia will be held at the Goa Campus of Birla Institute of Technology & Science (BITS) Pilani.

Birla Institute of Technology and Science (BITS) Pilani

Birla Institute of Technology & Science, Pilani was declared as an Institution Deemed to be a University under section 3 of the UGC Act in the year 1964, one of the earliest to be so recognized. BITS Pilani has pioneered a number of visionary initiatives in higher education and has established an impeccable and formidable reputation nationally for excellence. BITS Pilani offers UG, PG and PhD programs to over 17,000 students across its 5 campuses in Pilani, Goa, Hyderabad, Mumbai and Dubai. The Institute has secured over Rs. 398 crores as external research funding in the last 05 years. State of art facilities have been developed to support cutting edge research, led by students and about 930 faculty members, leading to a Scopus h-index of 156, with 221 patents filed so far, and 41 patents granted. Birla Institute of Technology & Science, Pilani (BITS Pilani) has been consistently ranked high, by both government and private ranking agencies for its innovative processes and capabilities that have enabled it to impart quality education and emerge as the best private science and engineering Institute in India. In recognition of the high standard that BITS Pilani strives to uphold, the University Grant Commission, in 2018, has declared it as an "Institute of Eminence" (IOE).

Institute of Chemical Technology (ICT), Mumbai

Established on October 1, 1933 as University Department of Chemical Technology (popularly called UDCT) of the University of Bombay (now Mumbai), with the noble intention of advancing India's knowledge reserves in Chemical Science and Technology, the Institute has grown to become a premier (deemed) university devoted to Education, Training, Research and Industrial collaboration in Chemical Engineering, Chemical Technology, Applied Chemistry, Pharmacy, Biotechnology and Bio-Processing.

The then UDCT grew in stature over the years and was converted in to a Deemed-to-be-University by the Ministry of Human Resource Development (MHRD), Govt. of India, on 12 September 2008. The ICT runs nine undergraduate programmes all connected to chemical and allied industries on its main campus along with different postgraduate programmes and doctoral programmes. Besides the main campus at Matunga, Mumbai, it has additional campuses at Jalna, Marathwada and Bhubaneshwar with support from Indian Oil Corporation. These campuses have five year integrated Masters' programmes with a major and minor degrees in Chemical Engineering and Chemical Technology. While maintaining a high publishing record in international journals, it maintains close linkages with the industry too.

Indian Institute of Science Education and Research (IISER), Pune

The Indian Institute of Science Education and Research (IISER) Pune is a premier Institute dedicated to research and teaching in the basic sciences. It was established in 2006 by the Ministry of Human Resource Development (renamed Ministry of Education in August 2020). In 2012, IISER Pune was declared as an Institute of National Importance by an Act of Parliament. As a unique initiative in Science education in India, IISER aims to be a Science University of the highest caliber devoted to both teaching and research in a totally integrated manner, with state-of-the-art research and high quality education, thus nurturing both curiosity and creativity. IISER Pune runs a 5-year integrated Master's programme, which is the BS-MS programme, and a post-Master's PhD programme, in an intellectually vibrant atmosphere of research. Apart from classroom instruction, IISER Pune builds student skills in areas such as scientific inquiry, problem solving, communication skills, computational sciences, electronics and instrumentation and workshop practices. In the advanced teaching and research labs of the institute, students have the opportunity to pursue experiments as well as advanced research under the mentorship of world-class faculty. IISER Pune is dedicated to learn, teach and serve society through excellence in education, research and public service, to create a learning and working environment based on integrity, fairness, dignity and professionalism, to provide equal opportunities for all and to develop and encourage a sense of environmental responsibility.

The Indian Society for Surface Science & Technology

The Society was established in 1983 with the aim to cultivate and disseminate the knowledge of surface science among researchers, students, teachers and general public. The industry – academia collaboration is one of its stated goals because of the importance of surface science in general public life. It organizes

international, national and local seminars throughout the year. It has more than 600 members from India and abroad. The Society publishes a peer reviewed international research journal, Journal of Surface Science and Technology as well as a Newsletter. For details of the activities of ISSST, please visit website: www.issstindian.org.

The Society for Industrial Chemistry

The Society for Industrial Chemistry was established with the intention to bring together research professionals from industries, academia, and entrepreneurs to develop relations and exchange technical knowhow in areas of mutual interests and relevance to Indian Industries. This society has organized seminars on different topics of relevance to the industry. The topics of these seminars vary from polymers and their characterization, surfactants and their applications, performance chemicals for paint technology, etc. Currently the Society has more than 125 life members.



Early bird registration to commence from 04 December 2023

Abstract submission to start from December 15, 2023
Kindly refer to www.surfinsol.org for related information

Registration Fees

International Delegates (Academic / Industry): **\$450**
International Students: **\$200**
Academic Delegates (From India): **₹7,000**
Students (From India): **₹3,500**
Industry Delegates (From India): **₹10,000**
Accompanying guest (International): **\$100**
Accompanying guest (From India): **₹2,000**

For further queries, write to: sis2024@goa.bits-pilani.ac.in