Maulana Azad National Institute of Technology, Bhopal

REPORT OF THE CONFERENCE/SEMINAR

Title: Adsorption and Adsorbents: Theory and Applications
SPARC Sponsored One Day Online Seminar

Duration: 8 March, 2021 (One Day)

Department: Chemistry

Brief Programme Report

An online one day seminar was organized under SPARC project of MANIT, Bhopal (India), University of St. Andrews (UK) and DCRUST, Murthal (India). About 265 students and faculty members from India and abroad registered for the event. Total seven hours lectures were delivered by all the five PIs/Co-PIs, of the project covering the topics, Adsorption: Principals and Application for Waste Water Treatment**;** Chemistry and Hazards of Dyes: A Potential Adsorbate; Multifunctional Materials: Synthesis, Characterization and Applications in Energy Storage and Water Treatment**;** Advanced Sorbents, their Structure and Function: Metal-Organic Frameworks; and beyond and Electron microscopy and Associated Techniques for Materials Characterization. In the first lecture of the seminar, participants were briefed about the SPARC, details of the ongoing project and about all the five partners and their institutions [MANIT, DCRUST & STAN (UK)]. Participants attended the online course very enthusiastically and certificates were issued to all the attendees.

Inauguration Photo

The program was conducted through online mode on Micro Soft Team portal of University of St. Andrews, UK and no formal inauguration function was organized. No photographs were clicked during the lecture series. However, each day attendance of the participants was downloaded.

Activity Photo



Please also see Annexure 1

Important speakers:

Dr Richard Baker, Principal Investigator (Foreign), SPARC Project, University of St. Andres, St. Andrews (United Kingdom)

Prof. Paul Wright, Co-PI (Foreign), SPARC Project**,** Professor, University of St. Andrews, St. Andrews (UK)

Dr. Alok Mittal, PI (India), Professor, Department of Chemistry, Maulana Azad National Institute of Technology, Bhopal (India)

Dr. Jyoti Mittal, Co-PI (India), Assistant Professor, Department of Chemistry, Maulana Azad National Institute of Technology, Bhopal

Dr. Ashok K. Sharma, Co-PI (India), Professor, Department of Chemistry, Deenbandhu Chhotu Ram University of Science & Technology, Murthal, Sonipat (India)

Affiliation and place of the participants: Please see Annexure 2

Coordinators Name: Prof. Alok Mittal, Dr. Jyoti Mittal, Prof. Ashok K. Sharma, Dr Richard Baker and Prof. Paul Wright

Annexure 1

Link for free registration:
https://Click for Registration
Closing Date:
06 March,2021, 05:00 pm IST

SPARC Sponsored One Day Online Seminar

Scheduled on : 08 March, 2021 (Monday)

Adsorption and Adsorbents: Theory and Applications



Prof. Alok Mittal
Professor
Maulana Azad National Institute of Technology, Bhopal, India
Dr. Alok Mittal | M.A.N.I.T., Government of India (manit.ac.in)

Time
From: 10:00 am
To: 12:00 noon

Lecture Topic
Adsorption: Principles and Application for Waste Water Treatment

Lecture Topic
Chemistry, Classification and Hazards of Organic Dyes

Time
From: 12:00 noon
To: 01:00 pm

Dr. Jyoti Mittal
Assistant Professor
Maulana Azad National Institute of Technology, Bhopal, India
Dr. Jyoti Mittal | M.A.N.I.T., Government of India (manit.ac.in)





Prof. Ashok K. Sharma
Professor
Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana , India

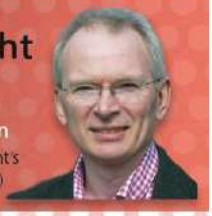
Time
From: 01:30 pm
To: 02:30 pm

Lecture Topic
Multifunctional Materials: Synthesis, Characterization and Applications in Energy Storage and Water Treatment

Lecture Topic
Advanced Sorbents, their Structure and Function: Metal-Organic Frameworks and Beyond.

Time
From: 02:30 pm
To: 03:30 pm

Prof. Paul Wright
Professor
University of St. Andrews, Scotland, United Kingdom
Prof. Paul Wright – Prof. Paul Wright's Research Group (st-andrews.ac.uk)





Dr. Richard Baker
Senior Lecturer
University of St. Andrews, Scotland, United Kingdom
Dr Richard Baker (st-andrews.ac.uk)

Time
From: 03:30 pm
To: 05:30 pm

Lecture Topic
Electron Microscopy and Associated Techniques for Materials Characterization

SPARC
DC RUSTM
University of St Andrews
MHRD GOVERNMENT OF INDIA

Annexure 2

Affiliation and Place of the Participants:

Maulana Azad National Institute of Technology, Bhopal; Deenbandhu Chhotu Ram University of Science and Technology, Murthal (Sonipat); Amity University, Jaipur; The Institute of Science, Mumbai; Navrachana University, Vadodara ; GSFC University Vadodara; Laxmi Narayan College of Technology, Bhopal; The Maharaja Sayajirao University of Baroda, Vadodara; University of Malaya, Malaysia; NIT, Raipur; Sir Dr. M.S.G. College of Pharmaceutical Education & Research, Nashik; Atmiya University, Rajkot; CSIR- NPL, New Delhi; Vikram University, Ujjain; Chaudhary Bansi Lal University, Bhiwani; NIT Trichy; IIT (BHU), Varanasi; J.D.B.Govt.Girls.College, Kota; Jaypee University of Information Technology Waknaghat, Solan; Radharaman Engineering College, Bhopal; Indian Institute of Technology (BHU), Varanasi; Sri Sathya Sai College For Women, Bhopal; Shivaji University, Kolhapur; Sathyabama Institute of Science and Technology, Chennai; Barktulla University, Bhopal; IIT Gandhinagar; Maharshi Dayanand University, Rohtak; Federal University of Technology, Ondo State, Nigeria; Gujarat University, Ahmedabad; Maharishi Dayanand University, Rohtak; K.J Somaiya, Vidyavihar; Guru Gobind Singh Indraprastha University; New Delhi; RPS Degree College Balana Mahendergarh; Jain Deemed to be University, Bengaluru; Bhilai Institute of Technology, Raipur; Sharad Institute of Technology College of Engineering, Kolhapur; Amrita College of Engineering and Technology, Kanyakumari (Tamilnadu); Guru Jambheshwar University of Science and Technology, Hisar; Government P. G. College for Women, Panchkula, Haryana; Indira Gandhi University Meerpur, Rewari; M.S.P. Mandal's Vinayakrao Patil Mahavidyalya, Vaijapur; Dr Homi Bhabha State University, Mumbai; Jiwaji university, Gwalior; Sant Longowal Institute of Engg and Tech, Longowal; S.A. Jain (PG) College, Ambala City, Kurukshetra University, Kurukshetra; Baba Mastnath University, Rohtak; Chikitsak Samuha's Patkar-Varde College Goregaon W Mumbai; University of Mumbai; Vikas College of Arts, Science and Commerce, Mumbai; Sanskriti University, Mathura; JC Bose University of science and technology YMCA Faridabad Haryana India; Pt. NRS Govt. College, Rohtak; Aggarwal college Ballabgarh; Sophia Girls' College Ajmer Rajasthan; MMDU, Mullana; Panipat Institute of Engineering and Technology; Universiti Brunei Darussalam, Brunei; MATS University, Raipur, Chhattisgarh, India; Rao Phalad Singh Degree College, Balana, Mahendergarh; RTM Nagpur University, Nagpur; Panjab University, Chandigrah; GGM Science College, Cluster University of Jammu; Sud-Chemie India Pvt Lld, New Delhi; Arya P.G. College, Panipat; Universiti Teknologi Petronas, Malaysia; Universiti Teknologi MARA, Malaysia; UiTM Kuala Pilah, Negeri Sembilan; CDLU University, Sirsa; Amity University Uttar Pradesh, Noida; Vaish College Bhiwani; Universiti Sains Malaysia; Chitkara University, Himachal Pradesh; South Point Institute of Technology and Management, Sonipat; Shri Govind Guru Government College, Banswara, Rajasthan