Symposium
on
Environment Protection
10th October, 2017

Organized by
Department of Chemistry
Faculty of Engineering and Technology
Manav Rachna International University
Sector- 43, Surajkund Road, Faridabad- 121004
Introduction about the event

Environment protection is the key component in achieving sustainable development. Many of the threats to the environment arise from the practices designed / adopted to make human life comfortable. Environmental quality in the future depends on our youth because they are future leaders and most skilled people in managing the environment. Our youth need to be well informed and educated about the environment they inherit, in order to meet the challenges of the sustainable development. Integration of environmental issues in classroom deliberations is the need of the hour. Real-life environmental problems should be discussed to motivate the students to propose solutions and take actions. Considering the importance of environment and to sensitize the students for protection of environment, a symposium on “Environment Protection” will be held at FET on 10th October, 2017.

The symposium will be very beneficial for students beyond syllabus learning. The aim is to promote environment protection awareness amongst students and also to provide the vital skills and knowledge necessary for the use and implementation of green technology. Interaction with experts will help the students to inculcate skills, attitude and values required to protect environment. Students can contribute working models or papers (poster/oral) based on action oriented studies of environmental issues or finding out feasible solutions. The competition is open for students enrolled in undergraduate and postgraduate programmes in colleges/universities across Delhi/NCR region. The contributors will be judged on the basis of their idea, presentation, knowledge & explanatory skills. Certificates will be given to all participants. Prizes will be awarded to the best contributions.

List of the Events

- Expert Talks
- Oral Presentations
- Model Presentations
- Poster Presentations

Thematic Areas

- Benign biofuels
- Clean Technology
- Occupational hazards
- Food waste management
- Agrochemicals usage & impacts
- Conservation of natural resources
- Bio-monitoring & Bioremediation
- Transformation of waste to energy
It gives us immense pleasure to cordially invite you to participate in symposium on “Environment Protection” to be held at Manav Rachna International University on 10th October 2017.

About Manav Rachna International University

Manav Rachna International University (MRIU), a NAAC accredited ‘A’ grade Deemed to be University, under section-3 the UGC Act of 1956 is the flagship institution of Manav Rachna Group of Institutions, which are imparting comprehensive and quality education in the country. It is a noticeable symbol of knowledge & experience providing high quality education from graduate to doctoral level in the fields of engineering & technology, health & applied sciences, management, hotel Management, commerce, humanities, media, architecture and many more. Recently, the university has been awarded QS 5 star ratings in teaching, facilities & social responsibility and an overall rating of 3 stars. The university has world class academic and administrative resources in an eco-friendly green campus. Well-equipped laboratories, smart classrooms, central library, auditoriums, amphitheatre & campus-wide internet access provide stimulating academic ambience. IBM, TCS, Fortis, NDTV Worldwide, KPMG and other knowledge partners add value to our programmes. MRIU has also established networking with reputed international institutions for students exchange programmes and collaborative research projects.

Manav Rachna International University has always been in the forefront for the welfare of society. Environment consciousness, health clubs, blood donation camps, girl child education, awareness of occupational hazards are few of the areas in which university has contributed immensely in and around Faridabad district.

About the speakers

Prof. Dr. Kuldip Singh Dhindsa

Prof. Dr. Kuldip Singh Dhindsa received his primary education from the village school. He obtained his M.Sc. (Hons.) and Ph.D. degrees from Punjab University, Chandigarh for which he has received the scholarship from National Bureau of Standards, Washington. Later, he proceeded to Germany and the U.S.A. for higher studies and research.
Dr. Dhindsa started his career as Asstt. Prof. at Haryana Agricultural University, Hisar in 1971. He has worked as Professor and Head, Department of Chemistry & Biochemistry; Director Students’ Welfare; Director Students Counseling & Placement; Dean, Basic Sciences and Humanities; Vice-Chairman, Campus School; International Students Advisor etc. at Haryana Agricultural University. After retirement from there, he has joined MM Group of Institutions, Mullana (Ambala) as its first Director General and played a significant role in getting the status of Deemed University for the group now known as MM University. In September, 2007 he was invited to take over as Director General of JCD Vidyapeeth, Sirsa. Under his dynamic leadership, the Vidyapeeth has emerged as a centre of excellence in the field of professional and technical education in northern India.

Professor Dhindsa has made significant contributions in the field of inorganic and biological chemistry and has authored over 160 original research publications. He has presented parts of his findings in various international conferences. His contributions in developing environment-friendly chemicals as potential antimicrobial agents are commendable. His work on chemical aspects of medicinal plants, and utilization of naturally occurring toxic plants as nematicides is widely acknowledged. His research has been mainly funded by the state government, Indian Council of Agricultural Research, Council of Scientific and Industrial Research and PL-480 fund. He has guided many M. Sc. and Ph. D. students.

Dr. Shiv Kumar Chakarvarti

Dr. Shiv Kumar Chakarvarti has completed graduation from Punjab University, M.Sc. (Physics) and Ph.D. (Physics) from Agra University and Kurukshetra University, respectively. His fields of interest are nano-/micro technology, electronics, instrumentation, experimental nuclear physics/engineering, general physics, solid state physics, and remote sensing.

Professor Chakarvati served as a Dean Academics, chairman and professor at physics department, NIT, Kurukshetra. He has published more than 669 research papers and guided many Ph.D. students. Two patents have also been filed and one has been granted by Saudi Arabia. He has total number of 1405 citations currently, with h-index 15 and i-10 index as
41 for his total research publications. He had been a prospective and potential candidate for the award of Haryana Vigyan Rattan Award, launched by Haryana Govt.

Dr. Chakarvarti is a widely travelled scientist and had visited many countries on academic and research pursuits. He is Editor-in-Chief of American Journal of Materials Science and Technology, USA, besides associate member of editorial teams and referees of various national and international journals. He has been conferred membership of American Nano Society. He has been expert on the panel of National Board of Accreditation, All India Council of Technical Education, New Delhi as well as NAAC. He had been awarded many awards.-Man of the Year by IOB, Cambridge, England for the year 1998-99; Twentieth Century Award for Achievements by IOB Cambridge for the year 1998-99; “Outstanding Scientists of the 21ST Century, IBC, Cambridge, 2007; International Educator of the Year 2007 by IBC, Cambridge, 2007; Leading Scientists of the World 2007”, to name a few. He is Member Scientific Advisory Committee, Inter University Accelerator Centre (IUAC), New Delhi-An autonomous Research Facility of University Grants Commission (UGC), New Delhi and had been a DAAD fellow also.

**Dr. Vijay Kumar**

Dr. Vijay Kumar is Head, Department of Mathematics at Faculty of Engineering & Technology, Manav Rachna International University, Faridabad. His research area includes: Medical Decision Making, Machine learning etc. He has been teaching UG/PG classes for more than 16 years. He has published more than 27 research papers in Journals, proceeding of the conferences of National and international repute, having chapters in books and authored three books. Four students are doing Ph. D. under his guidance. He has also worked on a project entitled “Developing virtual and physical teaching models for mathematics laboratory” for SCERT, Haryana in collaboration with IIT, Delhi. He is a member of many professional bodies like Indian society of information theory, computer society of India, Soft computing research society and many more.
Dr. Vishal K Khatavkar

Dr. Vishal has completed his Ph. D. in natural product chemistry on "Isolation & characterization of bio-active components from Melia Azadiracta and their efficacy" from Jamia Millia Islamia, New Delhi. He is currently working with Waters, India and responsible for promoting new technologies like UPLC/QDA/Supercritical Fluid Chromatography, etc. He is providing technical know-how's and supporting scientists in their ever increasing complex challenges with Waters Total Solutions.

Dr. Vishal is associated with analytical industry for past 12 years and working with Waters since 2008. He has an exposure to the latest chromatography equipments like LC & UPLC and mass spectrometers as an application specialist supporting the pharmaceutical industry on various analytical challenges. He has been part of many forums/conferences.
Instructions for participants

❖ **Oral Presentation:** The time limit for oral presentation will be 10 minutes. The best presentation will be selected by panel of judges, and the selected presenters will be awarded.

❖ **Poster Presentation:** The standard poster dimensions are 48×36. The best posters will be awarded.

❖ **Model Contribution:** Models related to mentioned themes may be contributed. The best model will be selected by panel of judges and the selected presenters will be awarded.

Interested candidates may submit their abstracts (500-1000 words) and duly filled registration form through email to ep2017.fet@gmail.com

Last date for submission of abstracts and registration form: 5th October, 2017.

Registration fee may be paid in cash at the registration desk on 10th October, 2017.

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**Details of the Event**

Registration fee: Rs. 100/-

Venue: B Block Seminar Hall, FET, MRIU

Timings: 09.30 AM – 3.30 PM

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**Organizing Committee**

Dr. Jyoti Chawla

Dr. Pradeep. K. Varshney

Dr. Anupama Rajput

Dr. Mukta Sharma

Dr. Kalpna Varshney

Dr. Rajeev Kumar

Dr. Varun Mohan

Dr. R. Balasubramania
For further details, please visit [http://manavrachna.edu.in/](http://manavrachna.edu.in/) and for any query, contact Dr. Jyoti Chawla, Head of Chemistry Department (Contact no. 9971918040/8527043183).