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CALL FOR ABSTRACTS

1. Abstract submissions open 22/11/2016

2. Abstract submissions close 30/12/2016

REGISTRATION

Early-bird registrations close 15/01/2017

	Early-bird	On-the-spot
PhD Scholars, Masters students, & JIIT Alumni	Rs. 2,000/- (45 USD)	Rs. 2,500/- (50 USD)
Academic Faculty & Research Personnel	Rs. 8,000/- (120 USD)	Rs. 8,500/- (125 USD)
Industry participants	Rs. 10,000/- (150 USD)	Rs. 10,500/- (150 USD)

FOR REGISTRATION, CONTACT:

CONFERENCE ORGANIZING SECRETARIES,

Prof. S. Krishna Sundari; Dr. Pammi Gauba

Email: Connect.PMB2017@gmail.com

KEYNOTE SPEAKERS:

1. Dr. Alok Adholeya, Honorary Advisor, TERI, New Delhi & Director Research, Mycorrhizal Application LLC, MO, USA
2. Dr. Sanjeev Aggarwal, Scientist 'G', CPCB, MoEF, New Delhi
3. Prof. Arif Ali, JMI, New Delhi
4. Dr. K. Annapurna, Principal Scientist IARI, New Delhi
5. Mahesh Babu, IL&FS Environmental Infrastructure & Services Ltd.
6. Prof. D. J. Bagyaraj, IISC, Bangalore
7. Dr. Suseelendra Desai, Principal Scientist, CRIDA, Hyderabad
8. Prof. Ashok K. Dubey, NSIT, Delhi
9. Dr. Rashid Hassan, Advisor & Scientist 'G', MoEF, GOI
10. Gaurav D. Joshi, Sr. Env. Specialist, World Bank Group
11. Prof. J. P. Khurana, DU, New Delhi
12. Prof. Ashwani Pareek, JNU, New Delhi
13. Prof. Appa Rao Podile, Vice Chancellor, HCU, Hyderabad
14. Prof. T. Satyanarayana, NSIT, New Delhi
15. Prof. J. S. Virdi, DU, New Delhi



THE DEPARTMENT OF BIOTECHNOLOGY JIIT, NOIDA

Organizes

INTERNATIONAL CONFERENCE ON ADVANCES IN PLANT AND MICROBIAL BIOTECHNOLOGY PMB-2017



PMB 2017

02-04 FEB, 2017

**Jaypee Institute of Information Technology
A-10, Sector-62, NOIDA, 201309**



ABOUT THE INSTITUTE

Jaypee Institute of Information Technology, Noida was established in the year 2001 and has been constantly ranked amongst the top engineering colleges in Delhi NCR. JIIT is ranked 60th amongst all Govt. / Pvt. Engineering Institutions in the country, recognized the best in NCR & 3rd best in Northern India amongst all Pvt. Engineering Institutions by NIRF (MHRD) ranking 2016.

ABOUT THE DEPARTMENT

The *Department of Biotechnology* at JIIT, NOIDA, established in 2002, remains committed to provide research-informed teaching and learning, and vibrant R & D environment. 'Centre for Emerging Diseases' at Department of Biotechnology addresses the questions of molecular mechanism/pathogenesis/host pathogen interactions of emerging and re-emerging viral and bacterial pathogens and life style diseases such as cancer, cardiovascular and CNS disorders. The

research group 'Plant and Microbial Biotechnology' works with a mission to provide biotechnology driven solutions for abetting developmental concerns in Environment, Agriculture & Industrial sectors; focusing on : bioresources, biorefining, bioremediation of organic and inorganic pollutants, enzymes for environment, food, industrial applications, biofertilisers, biocontrol agents for agriculture improvement and natural products for healthcare applications.

The department has garnered extra mural funding to the tune of ~ 6.5 crores through research grants from Department of Biotechnology (DBT), Department of Science & Technology (DST), Indian Council of Medical Research (ICMR), All India Council for Technical Education (AICTE) & Department of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH), Govt. of India.

ABOUT THE CONFERENCE

The International Conference on advances in plant and microbial biotechnology aims to spread across the interdisciplinary fields of plant, microbial and environmental biotechnology, presenting remarkable advances in these fields. The conference provides an opportunity to deliberate research scope in these areas and their application for human welfare.

SESSION I: MICROBIAL BIOTECHNOLOGY

Molecular Biotechnology of Microbial systems
Recombinant proteins & Therapeutics
Bioprospecting & Bioactive compounds
GEMs & GMOs
Metagenomics and its applications
Bioremediation, Bioaugmentation and Biostimulation
Bio Mining , Biometallurgy
Biofilms, Biofilters, Bioadsorbants

SESSION II: INDUSTRIAL BIOTECHNOLOGY

Industrial Enzymes
Fermentation technologies
Synthesis of Biotechnological products
Biopolymers, Bioplastic
Food processing, Flavour compounds and Nutraceuticals
GLP & GMP of Biotech Industries
Regulatory affairs & Ethics in biotech industry
Biosensors

SESSION III: PLANT & AGRI BIOTECHNOLOGY

Plant microbe associations
Phyto, Rhizo remediation
Biofertilizers, Biopesticides and other bioinoculants
Plant Tissue culture
Transgenic plants
Integrated pest management & Sustainable agriculture
Natural products from Plant sources
Organic farming

SESSION IV: ENERGY & ENVIRONMENT

Sustainable energy sources
MSW and E-waste management
Biofuels, Biorefining,
Algae as food, fodder and fuels
Biomethanation, Biogas & Composting
Effluent treatment
Pollution control and biotechnology solutions
Biodiversity & Ecosystem conservation

SESSION V: CAREERS IN BIOTECHNOLOGY

R&D in Biotechnology
Health care & Diagnostics
Biologics, Generics & Pharmaceuticals
Clinical Trials & Contract Research
Energy & Environment Audit
Role of Government, Public & Private sector
Biotech Product, Service, Market Research
IPR & Biotech