

INTERNATIONAL CONFERENCE (Virtual)

on

BioTrendz Advancement & Challenges in Science and Technology

9th-10th, October, 2020

Organized By



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

**The Department of Biotechnology, NIET,
Greater Noida, UP**

In Association With



**Swadeshi Science Movement of India
(SSMD)**

www.swadeshisciences.org

**Noida Institute of Engineering &
Technology (NIET)**

19-Knowledge Park-II, Institutional Area,
Greater Noida, 201306(UP) M:9910101168, 9311105885
www.niet.co.in

About the Institute

Noida Institute of Engineering & Technology (NIET), Greater Noida was established in the year 2001. It is a premier engineering and management institute in NCR region of the country. Greater Noida is a hub of global MNCs. The eminent visionaries of City Educational & Social Welfare Society, Meerut, started NIET with a vision to provide value based higher education. NIET has been ranked 49th Rank in Pharmacy & 201-250 Rank band in Engineering in the Year 2020. Institute is accredited by NACC with 'A' Grade and NBA for (CSE, ECE, ME, IT, Biotech. and B. Pharm). "NIET has become the **First private institute in UttarPradesh to get Autonomous status by UGC**".

NIET was awarded by PTC as its 1st centre of excellence institute in India in 2018 to have established labs on industry 4.0. NIET has added another feather to its cap this year with "Best PTC COE in India" award. Noida Institute of Engineering & Technology, Gr. Noida is one of those successful colleges who have always worked towards bridging the gap between industry and academia; and to provide students with the best of facilities to make them employable. NIET has been associated with PTC University since 2015 and has well modernized Smart Manufacturing Labs, Automation Lab, Product Design & Development Lab, Validation Lab, Reverse Engineering Lab, Rapid prototyping Lab, Robotics Lab, IOT Lab, Virtual Reality Lab and Augmented Reality Lab.

The institute covers an area of 13.9 acres with lush green ambience. The campus provides an inspirational atmosphere for learning. The institute aims to nurture the potential of young students to the fullest and consecutively teachers make their full efforts to improve education. The Institute excels in all the parameters earmarked by AKTU, Lucknow (U.P.), AICTE and MHRD, Govt. of India, New Delhi.

About Biotechnology Department

Department of Biotechnology, established in the year 2012 is presently imparting education for Bachelor and Masters of engineering degree in Biotechnology. The department is NBA accredited and has well qualified teachers with a broad research experience. The students are enthusiastic and highly motivated. The mission of the department is to evoke a zeal in young minds to gain technical, analytical and employability skills. Department has well established laboratories to support research and teaching.

About Swadeshi Science Movement of India (SSMD)

Swadeshi Science Movement is a Non-profit organisation, working for science popularization & implementation of modern technology & ancient sciences in India.

Prof. K I Vasu, a true nationalistic and a visionary science leader responsible for spearheading the foundation for framing the Swadeshi policies in Science, Technology and Education as the brainchild founder of present day "most famous Vigyan Bharati or Swadeshi Science Movement" in the country.

The foundation principle is for the development of Swadeshi Sciences. Vijnana Bharati conducts its activities through 22 independent units functioning in various parts of the country. It is a dynamic Science Movement with Swadeshi Spirit (Swadeshi: of one's own country), interlinking traditional and modern sciences on one hand, and natural and spiritual sciences on the other hand, adapted to national needs



Resource Persons

Eminent speakers have been invited from JNU, Delhi University, TCS, IARI, CSIR (NPL), DBT, and BIRAC.

Patrons

- **Dr. Sarojini Agarwal**, Chairperson, NIET, Gr. Noida
- **Dr. O. P. Agarwal**, MD, NIET, Gr. Noida
- **Prof. Dr. K. I. Vasu**, (Founder National President, SSM & Former Director, CSIR-CECRI)
- **Dr. Neema Agarwal**, AMD, NIET, Gr. Noida
- **Mr. Raman Batra**, EVP, NIET, Gr. Noida

Chairperson

- **Mr. Praveen Suneja**, Director General, NIET Gr. Noida,
- **Dr. Vinod M Kapse**, Director, NIET Gr. Noida,
- **Dr. D. P. Bhatt** (President SSMD)
- **Dr. A. Mazumdar**, Director, Pharmacy, NIET, Gr. Noida

Advisory Committee

- **Shri S. Nagpal**, Consulting Head, NIET, Gr. Noida
- **Dr. P. Pachouri**, Director (Project & Planning), NIET, Gr. Noida
- **Dr Rupa Mazumdar**, Dean Pharmacy, NIET, Gr. Noida
- **Mr S. C. Garg**, Former Director, NPL & Vice President, SSMD

Convener

- **Dr. Rashmi Mishra**
(HOD, Biotech, NIET, Gr. Noida)
- **Dr. Pankaj Kumar Tyagi**
(Professor and Dean Research, NIET, Gr. Noida)
- **Mr. Roshan Agarwal**, Convener, SSMD

Organizing Secretary

- Mr. Ankit Kumar
- Dr. Arvind Kumar
- Dr. Fahad Khan

Organizing Committee

- Dr. Sujeet Kumar Singh
- Dr. Deepak Gola
- Dr. Pratibha Pandey
- Ms. Meenu Agarwal
- Dr. Ayushi Verma
- Ms. Shweta Sharma
- Ms. Heena Pahwa

About BioTrendz

BioTrendz is an initiative to promote original research and development inaugurated by the Department of Biotechnology at NIET.

It is focused to provide a platform to create awareness about novel and fundamental advances in the field of Biotechnology. It also intends to serve to foster communication among researchers and practitioners working in a wide variety of scientific areas with a common interest in Biotechnology

Themes

- Medical and Health Care
- Green Technology
- Industrial Biotechnology
- Nano-Biotechnology
- Environmental Biotechnology
- New age Drugs and Therapy
- Internet of Things (IOT)
- Artificial Intelligence
- Computational Biology
- Indigenous Science

Important Dates

Last date of Acceptance of Abstract: 22 **September, 2020**
***Please mention the category for which abstract has been submitted while submitting the form:**
<https://forms.gle/5P6DjkD6d5A5QJ9M8>

Strictly follow the guidelines while preparing the abstract/full length paper/poster

Full length paper will be published in “**Biological Insights (ISSN no: 2456-7604)**”

Program Schedule:

Day 1 (9-Oct-2020)

| | | |
|-----------------|---|--------------|
| 10:00 am | : | Inauguration |
| 12:10 - 1:40 pm | : | Session 1 |
| 2:00 - 4:00 pm | : | Session 2 |

Day 2 (10-Oct-2020)

| | | |
|----------------|---|--------------------------|
| 10:00-11:00 am | : | Session 3 |
| 2:00-3:30 pm | : | Session 4 |
| 3:30-4.15 pm | : | Certificate Distribution |

Guest Speakers



N. G. Lakshminarayan
Chief Business Development
National Research Development
Corporation, New Delhi



Laxmi Narayan Mishra, Ph.D.
Researcher
Albert Einstein College of Medicine,
New York



Dr. Puneet Gandhi
Professor & Head
Bhopal Memorial Hospital & Research
Centre, Bhopal (M.P)



Prof. Pawan K. Dhar
Dean
School of Biotechnology
Jawahar Lal University, New Delhi



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Department of Biochemistry and
Molecular Medicine,
University of California, Davis
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