



*A Conference On*

**UTTAR PRADESH, AN EMERGING DESTINATION FOR  
INNOVATION DRIVEN INDIGENOUS TECHNOLOGIES**



**On the occasion of  
National Science Day  
(Indigenous Technologies for Viksit Bharat)**  

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**28th February, 2024**

**& Launch of  
“India’s First Smallest 3D BioPrinter”**

*developed by bioTOX Solution Private Limited, an Indian Startup based @ IET, Lucknow*

**At**

**RAM PRASAD BISMIL AUDITORIUM, IET, SITAPUR ROAD,  
LUCKNOW, UTTAR PRADESH 226021**

Organized By

**Department of Biotechnology  
Institute of Engineering and Technology**

**Dr. A. P. J. Abdul Kalam Technical University, Lucknow**

## Distinguished Guests



**Dr. Jitendra Sharma**  
MD & CEO, AMTZ,  
Visakhapatnam



**Dr. Renu Swarup**  
Former-Secretary,  
DBT, GOI



**Shri Awanish K. Awasthi**  
Chief Advisor to the  
Hon'ble CM, U.P.



**Dr. G. N. Singh**  
Advisor, to the  
Hon'ble CM, U.P  
Former DCGI



**Dr. Rakesh K Khandal**  
President  
R&D & Business  
Development  
India Glycols, Ltd  
Former VC, UPTU



**Dr. G. K. Goswami**  
Founder Director,  
UPSIFS, Lucknow



**Dr. Jitendra Verma**  
MD, Lifecare  
Innovations  
Chairman, BOG,  
DIPSRU, Delhi



**Dr. Goutam Ghosh**  
Founder, VaxFarm Life  
Sciences  
Ex-VC, GIET University



**Dr. Sanjay Mishra**  
Senior Advisor,  
DBT, GOI



**Shri Shakti V. Shukla**  
Director, FFDC,  
Kannauj

### Chief Patron



**Prof. J P Pandey**  
VC, AKTU

### Patron



**Prof. Vineet Kansal**  
Director IET

## Invited Speakers



**Dr. A.B. Pant**  
Sr. Principal Scientist  
CSIR-IITR, Lucknow



**Dr. Pankaj Seth**  
Professor, National Brain  
Research Center, Haryana



**Dr. Aradhana Mishra**  
Sr. Principal Scientist  
CSIR-NBRI, Lucknow



**Dr. Suaib Luqman**  
Sr. Principal. Scientist  
CSIR-CIMAP, Lucknow



**Dr. Feroz Khan**  
Sr. Principal. Scientist  
CSIR-CIMAP, Lucknow



**Dr. Anurag Tripathi**  
Principal Scientist  
CSIR-IITR, Lucknow



**Dr. Shailendra Gupta**  
Scientist  
University of Rostock, Germany



**Dr. Sanjay Premi**  
Assistant Professor  
Moffitt Cancer Center, USA



**Dr. Chirag K Vyas**  
Scientist, Michigan State  
University, USA



**Dr. Aashish Dwivedi**  
Scientist, CSIR-IITR, Lucknow  
Ad.Prof. Michigan St. University, USA



**Dr. Safiul Haque**  
Research & Scientific Studies  
Unit, Jazan University, UAE



**Dr. Maulindu Mishra**  
Vice President,  
VIBHA Awadh Prant



## CONVENOR



**Prof. BN Mishra**  
HOD, Dept. of Biotechnology, IET  
Dean R & D and Industrial  
Consultancy, AKTU

## CO-CONVENORS



**Prof. Vikram Bali**  
Associate Dean R& D and Industrial  
Consultancy, AKTU



**Prof. Sarika Srivastava**  
Associate Dean R& D and Industrial  
Consultancy, AKTU

## ORGANIZING SECRETARIES



**Dr. Akash Ved**  
Associate Dean Pharmacy,  
AKTU, Lucknow



**Dr. Anuj Sharma**  
Associate Dean Innovation & Social  
Entrepreneurship, AKTU



**Dr. Shiv Poojan**  
CEO & Founder,  
bioTox Solution Pr. Ltd



**Dr. Neha Verma**  
Assistant Professor  
Dept. of Biotechnology  
IET Lucknow

## CO-ORGANIZING SECRETARIES



**Dr. Pragati Shukla**  
Assistant Professor, Humanities  
Dept., IET Lucknow



**Mr. Mahip Singh**  
Head, Innovation Hub,  
AKTU



**Mrs. Vandana Sharma**  
Manager, Innovation Hub,  
AKTU



**Mr. Ritesh Saxena**  
Manager, Innovation Hub,  
AKTU



**Mr. Sandeep Kumar**  
Manager, Incubation Centre  
IET

## ORGANIZING COMMITTEE

### Name

**DR. MANISH GAUR**  
**MRS. REENA SINGH**  
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**DR. SANJAY SRIVASTAVA**  
**DR. SHAILENDRA SINHA**  
**DR. SUBODH WAIRYA**

**DR. DIVAKAR S YADAV**  
**DR. VIRENDRA PATHAK**  
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**DR. ANURAG TRIPATHI**  
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**MR. ABHISHEK NAGAR**  
**MR. AMITESH PANDEY**  
**DR. RITENDRA GOEL**  
**DR. TANVIR TAHIR**  
**MR. AMIT K MALIK**  
**DR. RK SINGH**  
**DR. DP SINGH**  
**MR. RAJIV MISHRA**

### Affiliation/ Office

**PRO VICE-CHANCELLOR, AKTU,**  
**REGISTRAR, AKTU**  
**FINANCE OFFICER, AKTU**  
**CONTROLLER OF EXAMINATION, AKTU**  
**DEAN, ACADEMICS, HEAD, APPLIED SCIENCES DEPT., IET**  
**DEAN, PG STUDIES & RESEARCH, HEAD, MECHANICAL ENG. DEPT., IET**  
**DEAN, STUDENT WELFARE AND CHIEF WARDEN AND HEAD, ELECTRONICS**  
**ENGINEERING DEPT., IET**  
**DEAN, ALUMNI, IET**  
**HEAD, CIVIL ENGINEERING DEPARTMENT DEPT., IET**  
**HEAD, COMPUTER SCIENCE AND ENGINEERING DEPT., IET**  
**HEAD, ELECTRICAL ENGINEERING DEPT., IET**  
**HEAD, CHEMICAL ENGINEERING DEPT., IET**  
**CHIEF WARDEN (FEMALE), IET**  
**PROCTOR, IET**  
**PROF, ELECTRICAL ENG. DEPT., INCHARGE, NNF, IET**  
**CHAIRMAN ISSACC, IET**  
**CONTROLLER OF EXAMINATION, IET**  
**DY INCHARGE, NNF, IET**  
**REGISTRAR, IET**  
**FINANCE AND ACCOUNTS OFFICER, IET**  
**SYSTEM MANAGER, IET**  
**WORKSHOP SUPERINTENDENT, IET**  
**SENIOR PROGRAMMER, IET**  
**SENIOR PROGRAMMER, IET**  
**STAFF OFFICER, VC, AKTU**  
**DEPUTY REGISTRAR, AKTU**  
**DEPUTY REGISTRAR, AKTU**  
**STORE INCHARGE, AKTU**

## CO-ORGANIZING COMMITTEE

**DR.SHAKTI MEHROTRA, DR.VINEETA SINGH**  
**(IET ALUMINI)**

**RIYA AGARWAL, IMAAN BADER KHAN, SAMREEN ABBAS, SANIYA SHAKIR, BRIJESH KUMAR(PH.D SCHOLARS)**

# ABOUT THE EVENT

- BioSpark 2024 showcases innovative homegrown solutions for addressing societal challenges and overall well-being.
- Creative Minds from Best Colleges and Institutes of UP will discuss on Newer Scientific and Technological Innovations
- Eminent Speakers to present views on state, National, and Global advancements in Science and Technology, envisioning the aspiration of Viksit Bharat.

## EVENT SESSION

Sessions	Description	Timings	Venue (IET Campus Lko)
	Registration	9 am- 10 am	Auditorium Lobby
Session 1	Inaugural Ceremony and Key Note on Transforming UP for Viksit Bharat: Employment Opportunities & Launch of BioSpark Magazine and India's First Smallest 3D Bioprinter	10 am-11:30 am	Auditorium
	Tea Break(Networking B2B, Visit to Poster and Startup Gallery, Display of Video Messages)	11:15 am-11:45 am	
Session 2 Parallel Session	Panel Discussion On Uttar Pradesh a Destination for Global Research and Innovation, Ideas to Market and Vibrant Startup Ecosystem	11:45 am- 1:00 pm	Auditorium
Session 2 Parallel Session	a. Academic/Scientific Poster/Startup Presentation. b. Idea Hackathon	11:45 am- 1:00 pm	Auditorium Lobby Ground Floor
Session 3	Science Quiz Prize Distribution, Vote of Thanks	1: 00 pm- 1:30 pm	Auditorium





# CALL FOR ABSTRACT/IDEA HACKATHON

- Abstracts for Poster Presentation & Idea Hackathon are invited.
- The abstract must contain a Title, Author's Name, Affiliation and Email. id, & Contact number of the presenting author.
- Abstract must be in the MS word format, times new roman, font size 12 structured in Background, aim, Material & Method, Results with a Conclusion of maximum 500 words.

## POSTER PRESENTATION

- Poster should be printed on FLEX.
- With 3(width)x 5(height) feet size.
- An appropriate font size should be selected for easy read.

## THEMES FOR ACADEMIC/SCIENTIFIC POSTER PRESENTATION

- Biotechnology & the Future of Space Exploration
- Bio-Inspired Design for Environmental Solutions.
- Biotechnology in Ageing, Research & Longevity
- ML/AI and Internet of Things in Biological Sciences
- Organoids: Miniature Organs for Drug/Vaccine Discovery

## THEME FOR IDEA HACKATHON

Biohybrid System : Integrating Living & Artificial Components

## SHOWCASE YOUR STARTUP'S HOME-GROWN TECHNOLOGICAL SOLUTIONS AT THE BIOSPARK 2024

**REGISTER NOW**

On or before 22/Feb/2024

<https://forms.gle/aNRnZfsbsAGDv8fw5>

**SUBMISSION OF ABSTRACT**

biosparx83@gmail.com

On or before 23/02/2024

**ACCEPTANCE**

On or before 25/02/2024



biosparx83@gmail.com



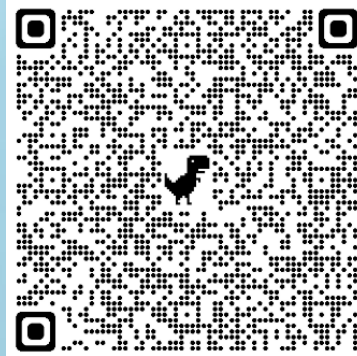
For startups, Ideahacathon-Mr Sandeep Kumar  
9506509660,  
For poster presentation, Dr. Neha Verma  
9005596363  
For Event related, iDr. Shiv Poojan  
8931099426

'JOIN THE SPARKLING REVOLUTION'  
at

Ram Prasad Bismil Auditorium , IET Lucknow

Institute of Engineering & Technology, Lucknow  
Dr. A. P. J. Abdul Kalam Technical University

Google Map



## EVENT SPONSORS/COLLABORATORS



NAVYUG NAVACHAR FOUNDATION  
Incubation Center of IET, Lucknow

## Parallel Sessions @ satellite locations



**ASHOKA**  
INSTITUTE OF TECHNOLOGY  
& MANAGEMENT



**IMS Engineering College, Ghaziabad**  
NAAC Accredited & NBA Accredited Programme  
Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow  
Under the aegis of IMS Society, Ghaziabad



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