



# NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH

(AN INSTITUTE OF NATIONAL IMPORTANCE UNDER THE MINISTRY OF EDUCATION)

TADEPALLIGUDEM, WEST GODAVARI (DT.), ANDHRA PRADESH

## DEPARTMENT OF BIOTECHNOLOGY



सत्यमेव जयते  
Government Of India

### Faculty Development Programme (Online) on

## “Contemporary Advances in Bionanotechnology (CAB 2020)”

(2<sup>nd</sup> to 6<sup>th</sup> November 2020)

### ABOUT NIT ANDHRA PRADESH

National Institute of Technology Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh was established in the state of Andhra Pradesh in the year 2015. The institute offers B.Tech., M.Tech., M.S. (by Research), and Ph.D. Programmes in various engineering disciplines.

### ABOUT THE DEPARTMENT

The Department of Biotechnology, NIT Andhra Pradesh offers Undergraduate (UG), MS (by Research), and PhD (full-time/part-time) programme.

The research interests of faculty members include Pre and Probiotics, Microbial Biotechnology, Nano-biotechnology, Biochemical Engineering, Modelling and Simulation of Bioprocesses, Bioinformatics and Computational Biology, Plant Biotechnology, Biopolymer synthesis, Environmental Biotechnology, Drug Delivery and Phytopharmacology.

### ABOUT THE FDP

The CAB 2020 programme is intended to provide a brief overview of recent advancements in the application of nanotechnology in biological engineering. As the research in bionanotechnology is multi- and Interdisciplinary in nature, the CAB 2020 will be useful for the faculties and researchers involved in nanomaterial research related to medicine, food, environment and allied areas.

### INVITED SPEAKERS

**Dr. Dhiraj Bhatia**

Assistant Professor

Indian Institute of Technology Gandhinagar

**Dr. P. Jayasekhar Babu**

Assistant Professor

Mizoram University

**Dr. N. Sangeetha**

Assistant Professor

Pondicherry University

**Dr. P. Gopinath**

Associate Professor

Indian Institute of Technology Roorkee

**Dr. Anee Mohanty**

Assistant Professor

Dr. B.R. Ambedkar National Institute of Technology Jalandhar

### ADVISORY COMMITTEE

#### Patron

Prof. C. S. P. Rao

Director, NIT Andhra Pradesh

#### Co – Patron

Dr. Dinesh P. Sankar Reddy

In-charge Registrar, NIT Andhra Pradesh

#### Convener

Dr. T. Jagan Mohan Rao

Head, Dept. of Biotechnology, NIT Andhra Pradesh

#### Coordinators

Dr. T. Jagan Mohan Rao

Asst. Prof & Head, Dept. of Biotechnology,  
NIT Andhra Pradesh

Dr. V. Sudarshana Deepa,  
Asst. Prof, Dept. of Biotechnology,  
NIT Andhra Pradesh

#### Organising Team

Dr. A. Seenivasan

Dr. Rajeswara Reddy Erva

Dr. Deshavath Narendra Naik

Dr. Manasa P

Dr. Nithya M

Dr. Nitish M V

**Faculty Development Programme (Online) on**  
**“Contemporary Advances in Bionanotechnology (CAB 2020)”**  
**(2<sup>nd</sup> to 6<sup>th</sup> November 2020)**

**SCHEDULE**

Date and Time	Topic and Speaker of the Session
02.11.2020 (10:30 am – 12:00 noon)	DNA Nanotechnology and its Application Dr. Dhiraj Bhatia Indian Institute of Technology Gandhinagar
03.11.2020 (10:00 am – 11:30 am)	Nanocomposites for Biomedical Application Dr. P. Jayasekhar Babu Pachhunga University College, Mizoram University
04.11.2020 (11:30 am – 01:00 pm)	Nanotechnology Application in Food Industry – An Overview Dr. N. Sangeetha Pondicherry University
05.11.2020 (9:00 am – 10:30 am)	Nanomedicine Dr. P. Gopinath Indian Institute of Technology Roorkee
06.11.2020 (10:30 am – 12:00 noon)	Environmental Application of Nanobiotechnology Dr. Anee Mohanty Dr. B.R. Ambedkar National Institute of Technology Jalandhar

**ONLINE SESSIONS WILL BE CONDUCTED**  
**VIA ONLINE PLATFORM “GOOGLE MEET”**

**ELIGIBILITY AND REGISTRATION**

Registration is open to Faculty Members, R&D Scientists, Industry Professionals, and PhD Scholars. Maximum limit of participants will be 100.

Last date for registration: **16.10.2020**

Submitted registrations will go through screening process. Selected participants will be intimated by **20.10.2020**. Registration fee of Rs. 200/- need to be paid by the shortlisted participants.

E-certificates will be issued only to the participants who attend all the sessions.

Kindly submit registration form using link provided: <https://tinyurl.com/y456nc7f>

**CONTACT INFORMATION**

**Dr. Deshavath Narendra Naik**  
Mob. No: 9954919192  
Email: n.n.deshavath@gmail.com

**Dr. Manasa P**  
Mob. No: 9740643471  
Email: manasanaik710@gmail.com