



**Two Day National Conference
On
The Current Status and
Future Prospects of Biotechnology**

15-16th November 2019



**DEPARTMENT OF BIO-TECHNOLOGY
NIZAM COLLEGE**

Accredited with NAAC B++ Grade and CPE Status
An Autonomous and Constituent College of
Osmania University, Basheerbagh, Hyderabad,
Telangana- 500001, India.

www.nizamcollege.ac.in

About the College:

Established in 1887 by the amalgamation of Hyderabad School and the Madarsa-i-Aliya, Nizam College is one of the oldest and most esteemed institutions of higher education in South India. It was affiliated to the University of Madras for 60 years after its inception and was made a Constituent College of Osmania University on 19th February 1947. Nizam College offers both undergraduate and postgraduate courses in the Faculties of Arts, Social Sciences, Commerce and Sciences in addition to professional courses such as MBA, MCA, M.Sc.(IS), BBA and BCA. The college received the status of the College with Potential for Excellence both under the X Plan and the XI Plan period. The College is accredited by NAAC in March 2019 with 'B++' grade with a CGPA of 2.92.

About conference:

Life Sciences sector is one of the fastest developing domains in India and world today. Since last two decades India has emerged as an important player in the global life sciences, health care, Biotechnology and Bio pharma sector. According to Association of Biotechnology Led Enterprises (ABLE) reports, India's Bio-technology and Healthcare sector could reach \$100 billion by 2025. After formation of Telangana state, the Government of Telangana has initiated Life Sciences policy for the Telangana state (2015-20), to boost the capital of the state, Hyderabad is emerging as a leading player in certain segments such as bulk drugs, vaccines and formulations, it has not been able to attract large investments and scientific talent from the global pool, despite its strong industrial and Research & Development (R&D) base.

Hyderabad, the Pride Crown Capital of Telangana State, is the only Capital which has been traditionally become the pharma hub, vaccine capital, seed capital, healthcare capital and has a rich talent pool, enabling seamless forward and backward linkages / integration for product development including talent acquisition, clinical development and translational research. The pharma and Bio-technology ecosystem in and around Hyderabad cannot be matched by any other city in India. The motivation to Life Sciences related Research & Development, Hyderabad rooted with the premier research institutions like ICRISAT, CCMB, IICT, CDFD and NIN. Genome Valley in Hyderabad is the first and only systematically planned and developed cluster dedicated to life sciences, unlike other states. Global players like Bharath biotech, Lonza, Novartis, Mylan, DuPont, Sanofi, Merck and US Pharmacopeia are located in Hyderabad and reached the First Bio Pharma hub of India.

About the Department:

Biotechnology course was introduced with two optional subjects at B.Sc level in 2002 as a Self-Finance Course with Department of Genetics as the Nodal Department. The two combinations: B.Sc (Biotechnology, Botany, and Chemistry), B.Sc (Biotechnology, Zoology, and Chemistry). The department has received UGC-BSRG grant in 2007-08, which was utilized for the strengthening of lab facilities, also received financial assistance from DBT during 2009-10 under "Star Status Scheme" and established a well sophisticated lab with the major grants from UGC-BSRG, DBT, allocated funds from CPE-XI plan, 12B, annual Autonomy grant and Self-Finance grant etc.

Objective of the Conference:

- ▲ This Conference provide an interdisciplinary opportunity for students, researchers engaged in the full spectrum of research, development, application and to discuss the current status of biotechnology, recent developments in Life Sciences and their allied fields.
- ▲ This conference will provide excellent opportunities to review the recent developments initiated by the Government of Telangana to boost the capital as a global leader in biotechnology and pharma Industry.
- ▲ The main theme of this conference will provide you an opportunity to explore about the current trend in Biotechnology industry and future prospective in Hyderabad.

Themes of the Conference:

- ▲ Plant Biotechnology
- ▲ Animal Biotechnology
- ▲ Bioinformatics & Chemi Informatics
- ▲ Immunology & Pharmaceutical Biotechnology
- ▲ Microbial and Industrial Biotechnology
- ▲ Bio Products and Bioenergy
- ▲ Environmental Biotechnology
- ▲ Devices and Diagnostics
- ▲ Future advances Biotechnology

Distinctive session: A distinctive session for young scientists will also be organized for the presentation of PhD/Postdoc research work falling under above mentioned themes.

Abstract Submission: This two-day conference invites abstracts for the oral and poster presentations under the above mentioned themes and a special sessions of young scientists. Abstract not exceeding 200 words (TIMES NEW ROMAN, font size 11), should be sent through email at dbtnizam@gmail.com.

Note: Name of the presenter and title of the abstract should be highlighted in bold letters.

The best oral and poster presentation awards will be given after due evaluation by the experts.

Chief Patron
Sri Arvind Kumar, IAS
Vice- Chancellor (I/C)
Osmania University

Patron
Prof. Ch. Gopal Reddy
Registrar
Osmania University

Conference Advisor
Dr. Smita C Pawar
Head & BOS- Biotechnology
Osmania University, Hyderabad

Chairman
Prof. L.B. LAXMIKANTH RATHOD
Principal, Nizam College,
Hyderabad

Vice-Chairman
Dr. Avinash Jaishwal
Vice- principal
Nizam College (OU)

Chief Advisory Board:

- ▲ Prof. P.B. Kavi Kishor, CSIR Emirates faculty, Dept. of Genetics, Osmania University, Hyderabad.
- ▲ Prof. B.K. Tyagi, President SOMA&Advisor VIT University Vellore(TN).
- ▲ Prof. K. Pratap Reddy, Principal, College of Science, Osmania University, Hyderabad.
- ▲ Prof: A. Roja Rani, Principal, University College of Women, Koti, Hyderabad.
- ▲ Prof: B. Reddy Naik, Dept. of Zoology, UCS, Osmania University, Hyderabad.
- ▲ Prof: S. Satyanarayana Singh, Director, CFRD, Osmania University, Hyderabad.
- ▲ Dr. Surekha Rani, Dept. of Genetics, Osmania University, Hyderabad.

Conference Advisory Committee:

- ▲ Dr. S. Prashant, Dept. of Genetics & Bio technology, Osmania University, Hyderabad.
- ▲ Dr. S. Someswar Rao, Dept. of Genetics & Biotechnology, Osmania University, Hyderabad.
- ▲ Dr. A. Srinivas, Dept. of Genetics, Osmania University, Hyderabad.
- ▲ Dr. M. Madhavi, Head, Dept. of Zoology, Osmania University, Hyderabad.
- ▲ Dr. C. Chand Pasha, Head, Dept. of Microbiology, Nizam College, Hyderabad.
- ▲ Dr. B.Vijaya Kumar, Academic Coordinator, Nizam College, Hyderabad.
- ▲ Dr. B.Yadagiri, Head, Dept. of Chemistry, Nizam College, Hyderabad.
- ▲ Dr. A. Vijaya Bhasker Reddy, Head, Dept. of Botany, Nizam College, Hyderabad.
- ▲ Dr. G. Upendar, Head, Dept. of Physics, Nizam College, Hyderabad.

Organizing Committee:

- ▲ B. Deepika, Dept. of Biotechnology, Nizam College (OU), Hyderabad.
- ▲ T. Jasmine Hannah, Dept. of Biotechnology, UCS, Saifabad (OU), Hyderabad.
- ▲ Syeda Amena Kausar, Dept. of Biotechnology, UCW, Koti (OU), Hyderabad.
- ▲ S. Sravanthi, Dept. of Biotechnology, UCS, Saifabad (OU), Hyderabad.
- ▲ B. Ashok Reddy, Dept. of Biotechnology, Nizam College (OU), Hyderabad.
- ▲ M. Madhavi, Dept. of Biotechnology, Nizam College (OU), Hyderabad.
- ▲ N. Tejaswini, Dept. of Biotechnology, Nizam College (OU), Hyderabad.
- ▲ G. Sandhya Jagtap, Dept. of Genetics, Nizam College (OU), Hyderabad.
- ▲ B. Radha Krishna, Dept. of Genetics, Nizam College (OU), Hyderabad.

Student Coordinators:

G. Sathish Kumar
O. Rochasvi
B. Aishwarya
G. Sai Priya
Shaik Thaslima
N. Sujana Prardhana
K. Ruchitha
N. Raju

Important Dates:

The last date for abstract submission is **5th November 2019**.

The last date for conference registration is **10th November 2019**.

REGISTRATION FORM

Name : _____

Designation : _____

University / College/ Institute: _____

Address : _____

Phone: _____ Mobile No. : _____

E-mail : _____

Title of the Abstract : _____

Conference theme : _____

Choice of presentation : Oral ☐ / Poster ☐

I wish to participate as delegate without abstract :

Accommodation (If) required :

(Only for out stationed participants)

Details of Registration fee: DD infavor of Principal, Nizam College, Hyderabad

Amount : _____ DD No. : _____

Bank and Branch : _____

Registration Fee:

Signature with Date

Faculty : ₹800

Research Scholars : ₹500

Students : ₹300

Online Transfer: **Name: Principal Nizam College**
A/C No.058302000000775, IFSC:IOBA0000583,
Indian Overseas Bank, Basheerbagh Branch, Hyderabad

Contact Details

Convener & Organizing Secretary

Dr. D. S. SHIVA

I/C HEAD & Asst. Professor (C)

Venue:

📍 Department of Biotechnology
Nizam College (OU), Hyderabad-500001.
Telangana State, India

☎ **7673956957, 7799387755**

✉ dbtnizam@gmail.com
shivabt07@gmail.com

🌐 www.osmania.ac.in
www.nizamcollege.ac.in