

DEPARTMENT OF BIOTECHNOLOGY

RECENT ACHIEVEMENTS

Faculty

1. **Dr. Shweta Dang** and **Prof. Pammi Gauba** received extramural funding from Indian Council of Medical Research (ICMR), Govt. of India Grant Value: INR 40.6 lakhs, (2020-2023) (Sanctioned)
2. **Dr. Vibha Gupta** and her collaborators from University of Delhi secured Rs. 42.30 lacs from ICMR to target biofilm formation by inhibiting Cysteine biosynthesis pathway enzymes in ESKAPE pathogens with natural products, for 4 years, starting in 2020.
3. **Dr. Vibha Gupta** presented at the International Summit on Women in STEM–“Visualizing the Future: New Skylines”, organized by Department of Biotechnology, Govt. of India, from Jan 23-24, 2020
4. Department filed 8 patents in academic year 19-20 in various fields of Biotechnology.
5. **Prof. Vibha Rani** received South Asian Award for Excellence in Research in the field of Biotechnology, 2020.
6. **Dr. Ashwini Mathur** and **Prof. Pammi Gauba** received funding in Bilateral Scientific & technology Cooperation between Republic of Egypt and Republic of India) Indian Contribution: INR 8, 35,000/-DST, 2020.
7. **Prof. Pammi Gauba** received project funding of Rs. 4792980/ from Ministry of Forest and Environment, Government of India, 2020.
8. **Dr Rachana** received Golden Global Award for Health and Education for Outstanding contribution in the field of Biotechnology, from Bellemie, at Islamic Cultural Centre New Delhi, India, 7 September 2019.
9. **Dr. Garima Mathur** and **Prof. Pammi Gauba** received a joint grant from CST-UP to develop functional bacterial cellulose composites as immobilization matrix. Rs. 6.8 lacs, 2019.
10. Faculty of the department delivered lectures in various conferences/workshops, FDPs and symposium of national and International repute.

Students

1. **Deepansh Mody** (M. Tech) secured **2nd runner up** position in International e-conference on “Health and research in current scenario: with special emphasis on Covid-19 virus genomics and pathogenicity” organized by Sri Venkateshwara College

, University of Delhi and PhiXgen Pvt. Ltd. on 17th July 2020.

2. Integrated M. Tech Student, **Shubham Semwal** secured MOBLILEX fellowship by Université Lille, France for carrying out his M. Tech final semester dissertation entitled “Structural studies of Cysteine Synthase from *Klebsiella pneumoniae*” in Dr. Julie Bouckaert’s lab (Unité de Glycobiologie Structurale et Fonctionnelle) during February - July, 2020)
3. **Deepansh Mody** (M. Tech) was awarded 1st Prize for Biotech Online Poster Presentation award organized by Biotechnika for the work: Exploiting the gut microbiome’s dialogue with microRNAs and host gene expression to treat Covid-19 related cardiac hypertension, September, 2020. Cash prize of 15,000 INR and certificate awarded by Biotechnika, India.
4. **Ms. Shivani Singhal** in the mentor ship of Prof. Vibha Rani received Inspire fellowship for five years for her PHD Project “Ayurvedic herbal formulations in modulating gut microbiota associated with diabetes induced cardiac complications”, DST, Rs. 25 Lakh, (2019-2024).
5. **Shriya Agarwal** received a Fully funded PhD scholarship - International Macquarie University Research Excellence Scholarship (“iMQRES”) in Department of Molecular Sciences, Macquarie University, Sydney, Australia
6. **Ms. Renu Badana** in the mentor ship of Prof. Vibha Rani received Inspire fellowship for five years for her PHD Project “Natural products in drug induced cardiotoxicity”, DST, Rs. 25 Lakh, (2019-2024).
7. **Pallavi Joshi** got selected for Biochemistry graduate program at college of agriculture, Purdue West Lafayette, 2020
8. **Palak Rastogi** started her MS at North Eastern University, USA for Fall 2020
9. **Ms. Atinderpal Kaur** (PhD Scholar) won the **best paper award** in December 2019 (cash prize of 10,000 INR and a trophy with certificate by **Indian Pharmaceutical Association**) Prof. M.L. Khorana IJPS Best paper award in field of: Pharmaceutics and Biopharmaceutics.