

**DEPARTMENT OF BIOTECHNOLOGY**  
**RECENT ACHIEVEMENTS**

**Faculty**

1. **Dr. Kamal Rawal** and his US based collaborators have secured competitive grant from a prestigious international funding agency for vaccine development. Grant amount: Approx 1.9 Million US dollars (Rs 12 Crores) (JIIT component: Approx 65 Lacs) 2018.
2. **Dr. Shweta Dang** delivered guest lecture on IPR and related Aspects at SPER, Jamia Hamdard, New Delhi, April, 2018.
3. **Dr. Shweta Dang** delivered guest lecture on Drug Regulatory Affairs-The Global Scenario at Sanskar College of Pharmacy, Ghaziabad, April, 2018.
4. **Dr. Reema Gabrani & Dr. Priyadarshini** conducted workshop on 'Molecular Biology', Sanskar College of Pharmacy & Research, Ghaziabad, April, 2018.
5. **Prof. S Krishna Sundari** delivered series of Lectures covering the course "Intellectual Property Rights (IPR)", and "Agriculture Biotechnology", at Rayalaseema University, Kurnool, Andhra Pradesh, March 2<sup>nd</sup> & 3<sup>rd</sup>, 2018.
6. **Prof. S Krishna Sundari** delivered series of Lectures covering the course "Intellectual Property Rights (IPR)" and "Microbial Biotechnology", delivered at Yogi Vemana University, Kadapa, Andhra Pradesh on 8<sup>th</sup> & 9<sup>th</sup> March 2018.
7. **Dr. Vibha Rani** has been awarded 6<sup>th</sup> Academic Brilliance Young Faculty Award-2018 by Education Expo., February 2018.
8. **Dr. Vibha Rani** delivered a talk on "Natural products as MMP inhibitors in cardiovascular diseases" 54<sup>th</sup> Annual Convention of chemist 2017, 23<sup>rd</sup>-25<sup>th</sup>, December, 2017.
9. **Dr. Kamal Rawal** delivered invited talk on "Machine Learning applications in cancer genomics and networks" in Emerging trends in computational Biology organised at School of Computational and Integrative Sciences (SC&IS), Jawaharlal Nehru University, Delhi, December 2017.
10. **Dr. Rachana** delivered invited talk in ICN:3I-2017 at IIT Roorkee organised by Department of Mechanical and Industrial engineering and Centre of Nan technology, IIT Roorkee, December 2017.
11. **Dr. Kamal Rawal** delivered invited talk on "Disease networks and Machine learning" at Baylor College of Medicine, Houston USA, May, 2017.
12. **Dr. Kamal Rawal** delivered invited talk on "Building Disease Networks Using Text

Mining and Machine Learning Techniques” in Bio-IT conference 17th Edition, Boston USA, May, 2017.

13. **Dr. Vibha Rani** has been awarded Prof. Suresh C. Tyagi Young Faculty Award in International Conference on “Recent Advances in Cardiovascular Research: Impact on Health and Disease” at Vallabh Bhai Patel Chest Institute, Delhi University, New Delhi on February, 2017. Awarded by International Academy of Cardiovascular Sciences.
14. **Dr. Shalini Mani** delivered invited talk on “Bioenergetics of Human and Disease: Recent Advances & Innovations” in World Biotechnology Congress, Endling Conferences at Jawaharlal Nehru University, New Delhi, February 2017.
15. **Dr. Vibha Rani** delivered invited talk on “Recent Advances in Cardiovascular Research: Impact on Health and Disease” at Vallabh Bhai Patel Chest Institute, Delhi University, New Delhi on February, 2017.
16. **Dr. Shalini Mani** involved as organizing committee member in “World Biotechnology Congress, Endling Conferences” at Jawaharlal Nehru University, New Delhi, February 2017.
17. **Dr. Sonali Dubey**, Fast track scientist won **Young Scientist Award** by Samgra Vikas Welfare Society (SVWS), Lucknow at International seminar entitled “Agriculture and Food for Inclusive Growth and Development” 14th-15th January, 2017, NBRI, Lucknow.

### Students

1. **Aditi Jain** (PhD Scholar) won **Naranjan S Dhalla Best Poster Award** in 10th Indian section Meeting of International Academy of Cardiovascular Science (IACS) held in Madurai, India, 8<sup>th</sup>-10<sup>th</sup> February, 2018.
2. **Rahul Saxena** (PhD Scholar) won **I<sup>st</sup> Prize for poster**, presented at "International Conference on Nanotechnology: Ideas, Innovations and Initiatives – 2017 (ICN:3I-2017)" at **IIT Roorkee** in December 2017, 6<sup>th</sup>-8<sup>th</sup> Dec, 2017.
3. **Kopal Singhal** (PhD Scholar) won **Second Prize for Poster** presentation by “Springer” to in EMBO-GELC lecture course on Malaria Genomics and Public Health, organized by CRME-ICMR, Madurai, 29<sup>th</sup> January-11<sup>th</sup> February, 2017.
4. **Aditi Jain** and **Sharad Saxena**, (PhD Scholar) have been awarded **CSIR-SRF fellowship-2018**.
5. **Radhika Khanna** (PhD Scholar) got NGBT meeting scholarship and **Travel Award** for attending NGBT 2017 conference held in Bhubaneswar, Orissa, 2<sup>nd</sup>-4<sup>th</sup> October, 2017.

6. **Aditi Jain** (PhD Scholar) got **Elizabeth Roth Travel Award** in 4th European Section meeting of International Academy of Cardiovascular Science (IACS ES 2017) held in Pecs, Hungary from 28<sup>th</sup> to 30<sup>th</sup> September, 2017.
7. **Yashika Rustagi** (PhD Scholar) got International Travel Grant fellowship under **SERB-DST, CTEP-DBT and CICS-INSA** schemes, Govt. of India to attend the International Conference entitled “The Complex Life of mRNA”, on October, 2016 organized by European Molecular Biology Laboratory (EMBL), Heidelberg, Germany.
8. **Aditi Jain** (PhD Scholar) got **C.C. Kartha Travel Award** in 10<sup>th</sup> Indian Section Meeting of International Academy of Cardiovascular Science (IACS) held in Madurai, India, 8<sup>th</sup>-10<sup>th</sup> February, 2018.
9. **Yashika Rustagi** (PhD Scholar) placed as Research Associate in **Patanjali Research Institute**, Haridwar, 2018.
10. **Shikhar Bhola** (B.Tech-Biotech Integrated) joined Master in Science in Regulatory affairs at **Northeastern University, New York, USA**, 2018.
11. **Advika Gupta** (B.Tech-Biotech) placed in **Cadila Health Care**, Ahmadabad, Gujarat, 2018.
12. **Sonia Purswani, Aditi Khare, Gauransh Jain, Sagarika Bose, Aroshi Panwar, Jhumi Jain, Sakshi Bajpai and Shreya Ganjoo** (B.Tech-Biotech) got placed in **Freyrs Solutions**, Hyderabad, 2018.
13. **Mimansa Goyal** (B.Tech-Biotech) joined Master in Science in Biomedical engineering at **St. John University, New York, USA**, 2018.
14. **Shreya Kumar** (B.Tech-Biotech) joined Masters of Business Administration at **Indian Institute of Management, Ranchi**, India, 2018.
15. **Merin Lawrence** (B.Tech-Biotech) joined Master in Science in Molecular Medicine, **University of Leeds, UK**, 2018.
16. **Ashmita Nautiyal** (B.Tech-Biotech) joined Master in Science at **University of Technology, Sydney, Australia**, 2018.
17. **Shreya Deb** (B.Tech-Biotech) joined Master in Science at **University of Illinois Chicago**, 2018.
18. **Aditi Jain** (PhD Scholar) delivered a **Radio Talk** on “The Miracle Man of Miracle Drugs - Dr. Yella pragada Subbarao” in All India Radio, Prasar Bharati under in the series of “Forgotten scientists of India” in October, 2017.