



Birla Institute of Technology & Science, Pilani
Hyderabad Campus



BITS Pilani
Hyderabad Campus

DEPARTMENT OF PHARMACY



Birla Institute of Technology and Science, Pilani Tel: 040-66303578
Hyderabad campus, Jawahar Nagar, Shameerpet, Medchal, [WebPage link](#)
Hyderabad 500078, Telangana, India.



ABOUT US

The Department of Pharmacy at BITS - Pilani – Hyderabad Campus is one of the premier departments in the institute that focuses on internationally competitive teaching and research activities as per the need of pharmaceutical industry. The department offers three different levels of programs: B. Pharmacy, M. Pharmacy and PhD, that are designed with an aim to keep pace with the rapidly evolving pharmaceutical industry that demands unwavering passion and urge to innovate.



The broad spectrum of courses are taught by a group of highly experienced faculty members active in research work in their respective areas. The curriculum is rigorous in design and content, and is keeping line with the latest developments in the industry. Department is actively involved in innovative research practices in collaboration with various pharmaceutical industries and national/international research institutes. The department received funding from various

pharmaceutical industries (Novartis, Yamanuchi Pharmaceuticals Limited (Japan), Daewoong Pharmaceuticals (South Korea), AstraZeneca, Sun Pharma Advanced Research Company, Slay Back pharma, Transform SciTech, ISSAR Pharmaceuticals, Acubiosys, Incilia Therapeutics, Incozen Therapeutics, Medicen Devise Technologies, etc.), international funding from Velux Stiftung, Switzerland and Government agencies (DST, DBT, CSIR, ICMR, DHR, etc.) in a continuous process to strengthen its research capabilities. Five of the faculty members of the department have been featured among the Stanford university list of World Top 2% Scientists. The Department of Pharmacy has been ranked 3rd nationally by NIRF in 2023 and being in top 06 rank since 2018 in NIRF Pharmacy subject ranking.

NIRF RANKING



Click here for more information: <https://universe.bits-pilani.ac.in/hyderabad>





PHD PROGRAM

Applications are invited for 1st Semester admissions to the PhD programme (Full time and/or Part time) starting August 2024 in the Department of Pharmacy at Hyderabad campus of BITS Pilani. Eligibility criteria is mentioned below:

- Full-time Students: Preferably individuals who would like to pursue Ph.D. in-house, residing on campus.
- Part-time Students: Preferably individuals working in organizations (preferably industry) that provide basic facilities, environment for research and funding for consumables.
- M.Pharm./M.S./M.Tech. or an equivalent Degree with a minimum of 60% aggregate in the qualifying examination.
- B.Pharm./M.Sc./B.E. or an equivalent degree with a minimum of 60% aggregate in the qualifying examination. For more information, click below:

<https://www.bitsadmission.com/phdmain.aspx>

FELLOWSHIPS / AWARDS (SELECTED) RECEIVED BY OUR PHD SCHOLARS

- SRF Fellowships from ICMR
- SRF Fellowships from Lady Tata Memorial Trust (LTMT)
- SRF Fellowships from CSIR
- JRF Fellowships from UGC
- Inspire Fellowships from DST
- Travel grants for attending international and national conferences
- Best oral and poster presentation awards from various National and International agencies.





RESEARCH AND DEVELOPMENT

The faculty members of our department work on both translational and basic research in collaboration with various pharmaceutical industries, research institutes and hospitals. The department possesses state of the art laboratory facilities and equipment to facilitate high quality research in the field of Pharmaceutical Sciences. A few of our labs are showcased in the gallery below.

- Pharmaceutics research labs
- Translational pharmaceutics research lab
- Pilot scale machine room
- Drug discovery & chemistry labs
- Natural products chemistry lab
- Epigenetic research lab
- Cell culture labs
- Pharmacology labs
- Consultancy project lab
- Molecular biology lab
- DST-FIST lab
- State of the Art Animal House (CPCSEA approved).

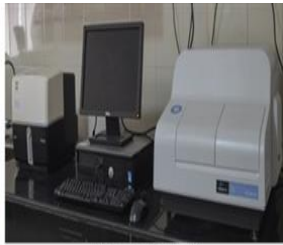




RESEARCH AND DEVELOPMENT FACILITIES



Spectramax M4, Molecular Devices



Victor X, Perkin Elmer



Nano ZS, Malvern Instruments



FTIR, Jasco Instruments



Organ Bath System



HPLC, Shimadzu



HPLC, Perkin Elmer



Texture analyzer, Stable Microsystems



CHNS/O analyzer, Elementor



Paraffin Embedding System



Tissue Processor



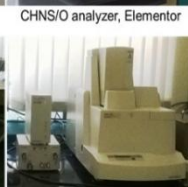
Flash Chromatography, YMC



LCMS, Shimadzu



TGA, Shimadzu



DSC, Shimadzu



Biosafety cabinet, Esco



CO₂ incubators, Thermo scientific and Esco



GC, Shimadzu



Atomic absorption spectroscopy, Shimadzu



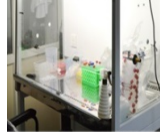
Animal Cage Change Work Station



Individual Ventilated Cages, Citizen Industries



Laser Doppler Blood Flow Metec, Moor Scientific



Inverted and upright microscopes

Cooling centrifuge, Sorvall



Gel doc system, Bio-Rad



RT-PCR, Bio-Rad



IX 53, Olympus Corporation



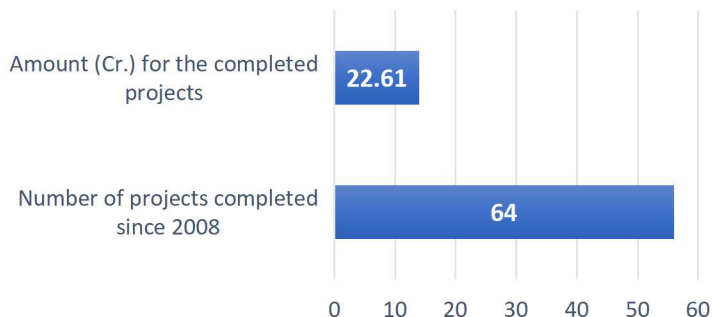
Western blotting equipment, Hoefer Inc.



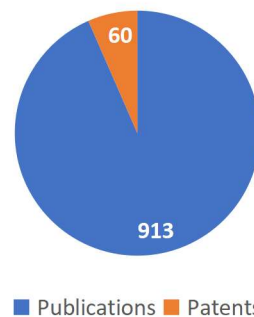


Research Project, Funding and Publications Department of Pharmacy

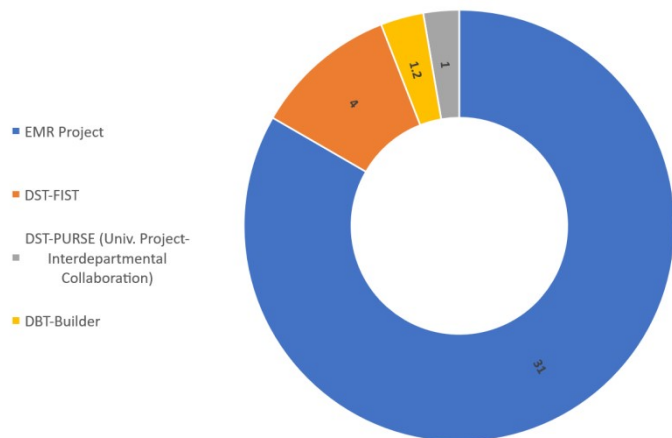
NO.OF SPONSERED PROJECTS COMPLETED SINCE 2008



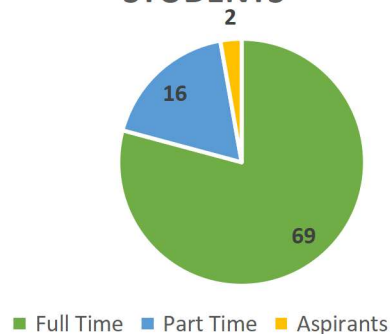
PUBLICATIONS AND PATENT SINCE 2008



OTHER MAJOR ONGOING PROJECTS



CURRENTLY ENROLLED PhD STUDENTS





FACULTY PROFILES

PROF. A. SAJELI BEGUM

Professor & Head of the Department
PhD, IIT BHU, Varanasi

<https://www.bits-pilani.ac.in/Hyderabad/sajelibegum/Profile>

PROF. AHMED KAMAL

Senior Professor Emeritus
PhD, Aligarh Muslim University, Aligarh

<https://www.bits-pilani.ac.in/Hyderabad/ahmedkamal/Profile>

PROF. D. SRIRAM

Senior Professor
PhD, IIT BHU, Varanasi

<https://universe.bits-pilani.ac.in/Hyderabad/dsriram/Profile>

PROF. P. YOGESHWARI

Senior Professor
PhD, IIT BHU, Varanasi

<https://universe.bits-pilani.ac.in/Hyderabad/yogeeswari/Profile>

PROF. SWATI BISWAS

Professor
PhD, Wayne State University, Detroit, Michigan

<https://universe.bits-pilani.ac.in/hyderabad/biswas/Profile>

PROF. PUNNA RAO RAVI

Professor
PhD, BITS-Pilani, Pilani Campus

<https://universe.bits-pilani.ac.in/Hyderabad/punnaraoravi/Profile>

PROF. VAMSI KRISHNA VENUGANTI

Professor
PhD, South Dakota State University, USA

<https://universe.bits-pilani.ac.in/Hyderabad/vamsikrishnavenuganti/Profile>

PROF. ONKAR KULKARNI

Professor
PhD, Ludwig-Maximilians University Munich, Germany

<https://universe.bits-pilani.ac.in/Hyderabad/onkar/Profile>

PROF. ARTI DHAR

Professor
PhD, University of Saskatchewan, Canada

<https://universe.bits-pilani.ac.in/Hyderabad/arti/Profile>

PROF. BALARAM GHOSH

Associate Professor
PhD, Wayne State University, Detroit, Michigan

<https://universe.bits-pilani.ac.in/Hyderabad/balaram/Profile>

DR. ABHIJEET RAJENDRA JOSHI

Assistant Professor
PhD, University of Cologne, Cologne, Germany

<https://universe.bits-pilani.ac.in/hyderabad/abhijeetj/Profile>

DR. NIRMAL J

Assistant Professor
PhD, AIIMS, New Delhi

<https://universe.bits-pilani.ac.in/Hyderabad/nirmalj/Profile>

DR. AKASH CHAURASIYA

Assistant Professor
PhD, Hamdard University, Delhi, India

<https://universe.bits-pilani.ac.in/hyderabad/akashchaurasiya/Profile>

DR. YUVRAJ SINGH

Assistant Professor
PhD, CSIR-CDRI,

Profile: <https://universe.bits-pilani.ac.in/hyderabad/yuvrajsingh/Profile>

DR. SRINIVAS PRASAD K

Assistant Professor
PhD, Southern Illinois University, IL USA

<https://universe.bits-pilani.ac.in/Hyderabad/ksprasad/Profile>

DR. VIJAY KUMAR NIMBARTE

Assistant Professor
PhD from Goethe University Frankfurt am Main

<https://www.bitspilani.ac.in/hyderabad/teaching/?faculty=dr-vijaykumar-dayaram-nimbarte>





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SOME OF THE RECRUITERS OF OUR PHD SCHOLARS



University of Colorado
Boulder | Colorado Springs | Denver | Anschutz Medical Campus



**UNIVERSITÉ
DE GENÈVE**



**University of
Kentucky**



PennState
College of Medicine



Biocon



NOVARTIS



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MERCK



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Dr.Reddy's



SCHRÖDINGER.



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