



BITS Pilani
Pilani Campus

PIONEERING EDUCATION
PARADIGMS

International conference on

Challenges and Advancements in Neurological and Brain Disorder

March 21 and 22- 2025

Organized by:

Department of Pharmacy, BITS Pilani, Pilani campus

About BITS Pilani

BITS Pilani is a Deemed-to-be University, offering on-campus programs to more than 18,500 students across its campuses in Pilani, Goa, Hyderabad, Mumbai, and Dubai. It has been recognized as an Institute of Eminence by the Ministry of Education, Government of India, in 2020. In QS Asia University Rankings 2023, BITS has been ranked 188th, the only private institute from India in Asia Top 200, and at 18 in India. Further, BITS Pilani has been ranked among the top 300 in QS World University Graduate Employability Rankings 2022 and within the top 8 in India. Having pioneered several curricular and pedagogic attributes, BITS Pilani has a vision to be amongst the top research-led Institutes in the country. The qualities of innovation, enterprise, commitment to excellence, adherence to merit, and transparency have characterized the Institute during its inexorable march to eminence. The Institute has secured over ₹398 crores as external research funding in the last five years. State-of-the-art facilities have been developed to support cutting-edge research led by students and about 930 faculty members. This led to a Scopus h-index 156, with 221 patents filed and 41 patents granted. Currently, there are 14 BITSian Unicorns and 1 Decacorn. There are over 7500 BITSian founders and co-founders of enterprises.

About the Department of Pharmacy

The Department of Pharmacy at BITS Pilani, Pilani Campus, is one of the nation's oldest pharmacy schools; the Department of Pharmacy at BITS Pilani was founded in 1950. We achieved the 3rd rank in 2023 and have constantly ranked in the top 5 by the NIRF (National Institutional Ranking Framework) in the Pharmacy category. In addition, over the previous two years, the QS world ranking for pharmacy and pharmacology has placed our department in the remarkable 100-150 range. We are actively involved in various research fields within the department, with a committed team of 15 faculty members and more than 63 research scholars. Numerous patents, faculty-led startups, research projects, and publications in prestigious journals with high-impact factors demonstrate our faculty member's dedication to producing high-caliber research. The department has also given the technologies to the industry, and some of these products are already on the market. Additionally, we have a cutting-edge infrastructure for drug discovery and product development. Our department is motivated by a compelling aim to establish itself as a premier global pharmaceutical research and teaching center.

About the Conference

The field of neurological disorders encompasses a diverse range of conditions that affect millions of people worldwide, presenting significant challenges to both patients and healthcare providers. This conference aims to address these challenges by bringing together experts from various disciplines to discuss recent advancements in understanding, diagnosing, and treating neurological disorders.

Key topics of discussion will include the latest research on the pathophysiology of neurological diseases such as Alzheimer's, Parkinson's, multiple sclerosis, and amyotrophic lateral sclerosis (ALS). We will explore innovative diagnostic techniques, including biomarkers and imaging technologies, which hold promise for earlier and more accurate detection of these conditions. Additionally, the conference will highlight cutting-edge therapeutic approaches, from novel drug development to advanced neurostimulation techniques.

Despite these advancements, numerous obstacles remain, such as the complexity of disease mechanisms, the need for personalized treatment strategies, and the ethical considerations surrounding emerging therapies. Through collaborative efforts and interdisciplinary dialogue, this conference seeks to pave the way for future breakthroughs that will ultimately improve the quality of life for individuals affected by neurological disorders.

Themes

- Role of Genetics and Epigenetics in Neurological Disorders
- Cellular and Molecular Pathways in Neurological Disorders
- Innovations in Neuroimaging Techniques and Developing Biomarkers for Early Detection
- Novel Drug Development and Delivery Systems
- Neurostimulation Techniques and Device-Based Therapies
- Designing and Implementing Clinical Trials for Neurological Disorders
- Addressing Mental Health and Cognitive Impairment in Neurological Disorders
- Role of Artificial Intelligence and Machine Learning in Neurology
- Roadmap for the Next Decade in Neurological Disorder Management
- Challenges in Translating Research from Bench to Bedside

Registration Fees

Research Scholars/Students (PG& UG)	1500
Faculty/Scientists/Postdocs	2000
Industry/Others	3000

GST inclusive. The bank may charge an additional fee for online transactions as applicable. For the accompanying person, there will be additional charges of 1500/- (for meals, including GST). The accompanying person will not be eligible to receive the registration kit and conference material.

The registration fees include a registration kit, conference material and meals.

Registration link: ???

The last date for registration is 28th February 2025.

Bank Details

Beneficiary Name :	Birla Institute of Technology & Science, Pilani
IFSC CODE No.	UTIB0001188
Bank Account No.	918010089946355
Bank	AXIS BANK LTD
City Branch	PILANI
MICR No.	333211177
Branch Code	001188
Swift Code	AXISINBB



ABSTRACT SUBMISSION

A maximum of 15 abstracts will be shortlisted for the oral presentation, and the remaining will be considered for the poster presentation by the scientific committee.

The last date for abstract for oral and poster submission is 10th March 2025.

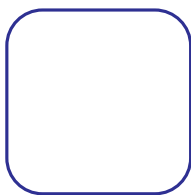
Link for Abstract Submission: ???

Please visit the conference website for more details regarding the abstract submission and oral and poster presentation guidelines.

Accommodation

Limited accommodation will be available on-campus in the hostel (300 / per room/per night) and Institute Guest House (1500/per room/per night) on a first-come, first-serve basis and will be chargeable. The charges are exclusive of GST. For the accompanying person, the accommodation charges are applicable with GST.

SPEAKERS



Dr. Anil Kumar

Professor, University Institute of Pharmaceutical Science,
Panjab University, Punjab, India

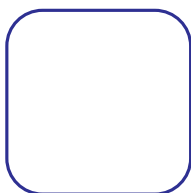
Topic: ???



Dr. Vinod Tiwari

Associate Professor, Department of Pharmaceutical Engineering and Technology,
IIT BHU, Varanasi, India

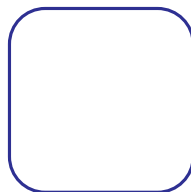
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Dr. Saurabh Srivastava

Associate Professor, Head, Department of Pharmaceutics,
NIPER Hyderabad, Telangana, India

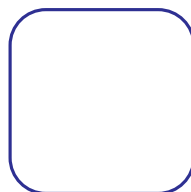
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Dr. Jagdeesh Babu Rangisetty

Found & CEO, Biophore India Pharmaceutical Pvt. Ltd.,
Hyderabad, Telangana, India

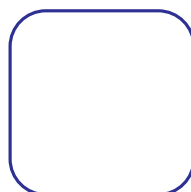
Topic: ??



Dr. Chih-Hao Yang

Associate Professor, Department of Pharmacology,
Taipei Medical University, Taiwan

Topic: ??



Dr. Vinay Parikh

Associate Professor, Director, Neuroscience Program,
College of Liberal Arts, Temple University, Philadelphia, USA

Topic: ??

PATRON

Prof. V. Ramgopal Rao, Vice Chancellor, BITS Pilani
Prof. Sudhirkumar Barai, Director, BITS Pilani, Pilani campus

HEAD OF THE DEPARTMENT

Prof. Rajeev Taliyan, Department of Pharmacy, BITS Pilani,
Pilani campus

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