

NATIONAL CONFERENCE ON

# NEUROPHARMACOLOGY & EPIGENETICS 2025

## (NPE-2025)

23<sup>rd</sup> to 25<sup>th</sup> OCTOBER - 2025



Sponsored by:  
**CSIR, India**

**Registration Link:** <https://forms.gle/eQ3HCGqj65SnBSj38>

**Venue :** **C V Raman Hall, KLEF**

[www.kluniversity.in](http://www.kluniversity.in)

Scan QR code



for Registration

**About KLEF:** Koneru Lakshmaiah Education Foundation (KLEF) is a premier educational institution that was established as KL College of Engineering in 1980-81. Recognized as a Deemed to be University by the UGC in 2009, KLEF has consistently achieved top national and international rankings and accreditations. KLEF offers a diverse range of programs across various disciplines, fostering an environment of academic, research, and innovation excellence. With state-of-the-art infrastructure, distinguished faculty, and cutting-edge research, the institution is committed to creating the next generation of global leaders and professionals, with an emphasis on holistic development and global exposure. The institution's strong placement record, in collaboration with top companies worldwide, ensures that students are well-prepared to excel in their careers.

**KL College of Pharmacy:** KL College of Pharmacy (KLCP) is established in the year of 2016 and is currently offering B.Pharm (4 years), Pharm.D (6 years), M.Pharm Pharmaceutics (2 years) and Ph.D. program under the aegis of Koneru Lakshmaiah Education Foundation (KLEF). KLCP is well furnished with state of art facilities to conduct the program meeting the global standards. The college has infrastructural facilities in terms of well-equipped laboratories with modern instruments and well-furnished and spacious classrooms to appease the requirement of undergraduate & postgraduate students and Ph.D scholars in addition to the central facilities at KL University level.

#### ABOUT NPE-2025

Unlock the Future of Neurodegenerative Disease Treatment. Join us for the National Conference on Neuropharmacology & Epigenetics 2025 (NPE-2025), Sponsored by CSIR, Govt. of India, hosted by the College of Pharmacy, Koneru Lakshmaiah Education Foundation, Andhra Pradesh, on 23<sup>rd</sup> to 25<sup>th</sup> October 2025.

NPE-2025 provides a dynamic platform to delve into the intricate relationship between neuropharmacology and epigenetics, focusing on the roles of DNA methylation, histone modifications, non-coding RNAs, and metabolic pathways in the pathogenesis and therapy of Alzheimer's, Parkinson's, Huntington's disease, and other neurodegenerative disorders.

Be a part of this translational research forum connect with leading scientists, clinicians, and industry experts at the forefront of neuroscience. Gain insights into cutting-edge discoveries, exchange innovative ideas, and foster collaborations that will drive future advancements in the field.

NPE-2025 welcomes undergraduate and postgraduate students, research scholars, faculty, and professionals from life sciences and allied disciplines. Whether you are an aspiring student or an established researcher, this conference offers an invaluable opportunity to expand your knowledge and contribute to the evolving landscape of neuroscience.

#### ORGANIZING COMMITTEE

##### CHIEF PATRONS :

Er. K. Satyanarayana, President  
Smt. S. Kanchana Latha, Secretary  
Er. K. L. Havish, Vice-President  
Er.K. Raja Harin, Vice-President

##### PATRONS :

Dr. K. S. Jagannatha Rao,  
Pro-Chancellor  
Dr. G. P. S. Varma,  
Vice-Chancellor  
Dr. N. Venkatram,  
Pro Vice-Chancellor  
Dr. A. V. S. Prasad,  
Pro Vice-Chancellor  
Dr. K. Rajasekhara Rao,  
Pro Vice-Chancellor  
Dr. K. Subba Rao,  
Registrar  
Dr. Buchi N. Nalluri,  
Director, Life Sciences

##### CONFERENCE CHAIRMAN:

Dr. G. Chakravarthy,  
professor & Principal, KLCP, KLEF

##### CONVENER:

Dr. Prasada Chowdari Gurram  
Assistant Professor, KLCP, KLEF

##### CO-CONVENER:

Dr. Kakarla Ramakrishna  
Assistant Professor, KLCP, KLEF

Invited talks will cover key areas of contemporary neuroscience research.

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**Session 1 : 1 AI, Epigenetics, and Neuroinflammation: Emerging paradigms in Brain disorder Diagnostics and Treatment**

- AI and ML-Driven Neurodiagnostics: Revolutionizing early detection of AD, PD, and HD
- Artificial intelligence in psychiatry, present trends, and challenges
- The Interconnection Between HDACs and NF-κB in modulating immune function and inflammation.

**Session 2 : Noncoding RNAs and SiRNA in Neurodegenerative Disease: From Molecular Mechanisms to Clinical Applications**

- A long noncoding RNA contributes to neurodegeneration/neuroprotection
- RNA Interference Unleashed: Current Perspective of Small Interfering RNA (siRNA) therapeutics in the treatment of neurodegenerative disorders

**Session 3 : Epigenetic Landscapes and Molecular Checkpoints In Neurodegeneration: Emerging Biomarkers And Therapeutic Targets**

- DNA methylome profiling identifies novel predictors of neurodegenerative disorders
- Checkpoints of Axonal degeneration in the nervous system disorders
- Epigenetic alterations in neurodegenerative diseases

**Session 4 : Interplay of Metabolism, Microbiota, and Neuroinflammation In Neurodegenerative Disorders**

- Gut Microbiome and Neuroinflammation Crosstalk in neurodegeneration: Protective Roles of Probiotics
- Neurodegeneration in type 2 diabetes: Alzheimer's as a case study

· Each session will have 2 to 3 talks and speakers will be from both academia and industry.

**E-POSTER / ORAL PRESENTATIONS**

NPE-2025 Invites abstracts of the original findings covering the following thrust areas.

The last date for the abstract submission is on or before 10th October 2025.

- Neurosciences & Epigenetics
- Pharmacology & Toxicology
- Biotechnology & Bioinformatics
- Artificial Intelligence & Machine Learning in Drug discovery
- Clinical Research & Pharmacy Practice
- Pharmacognosy & Phytochemistry
- Pharmaceutical Chemistry
- Pharmaceutics & Pharmaceutical technology
- Pharmaceutical Analysis & Quality Assurance

**KEY HIGHLIGHTS**

- Keynote Sessions
- Scientific Presentation
- Awards
- Networking Opportunities
- Innovative Discussions

## PRE-CONFERENCE WORKSHOP

23<sup>RD</sup> OCTOBER 2025

**About Workshop:** **NPE-2025** proudly introducing pre-conference workshop aimed at strengthening practical skills and hands-on expertise in both emerging and established areas of pharmaceutical research. Participants will benefit from expert-led training and interactive sessions covering neurobehavioral models, biomarker analysis with advanced molecular techniques, drug administration and blood collection methods, histopathology, hematology cell analysis, and the operation of key laboratory equipment including neurobehavioral apparatus, ELISA microplate reader, Haematology cell analyser and advanced microtome.

**Resource Person:** Mr. Krishna Chaitanya Kavungala, M.Pharm (Pharmacology), with over 22 years of expertise in preclinical pharmacology. Specialized in in vivo models for drug discovery, herbal and nutraceutical research. Currently Manager at Laila Nutraceuticals Pvt. Ltd., Vijayawada. Proficient in GLP/non-GLP studies, AAALAC accreditation, ISO compliance, and team leadership. Recognized with 'Star Employee' and 'Spark' awards for innovation and excellence at Dr. Reddy's Laboratories.

### ABSTRACT SUBMISSION

The abstract must include the Title, Author Names, Affiliations, Introduction, Aim & Objectives, Methods, Results, and Conclusion. Use Times New Roman, 12-point font, and limit the abstract to 250 words. Submit the abstract and any related queries to **klnpe2025@gmail.com**. The presenting author must be a registered delegate of the conference.

**AWARDS:** Best Presentation Awards will be given for outstanding oral and poster presentations.

### REGISTRATION DETAILS

#### FEE STRUCTURE

	PRE-CONFERENCE WORKSHOP	DELEGATES WITH ORAL/POSTER PRESENTATION	PRE-CONFERENCE WORKSHOP AND CONFERENCE
Indian Faculty	300 INR	800 INR	1000 INR
Indian Scholars	300 INR	700 INR	900 INR
Indian Students	300 INR	500 INR	700 INR
Industrial Participants	400 INR	1200 INR	1500 INR

#### ACCOUNT DETAILS

Name of the account	KL University
Account number	62434363674
Name of the bank	SBI
Branch Name	Vaddeswaram
IFSC Code	SBIN0021361



Registration link

<https://forms.gle/eQ3HCGqj65SnBsj38>

All correspondence should be addressed to: **klnpe2025@gmail.com**

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### KONERU LAKSHMAIAH EDUCATION FOUNDATION

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