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Dr. Ankita Tiwari, Assistant Professor, Department of Mathematics, KLEF

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Online Registration Form Link

<https://forms.gle/ShpawTgeZJmuhZK26>



Last Date of Registration is 25th October 2025

Participation e-certificates will be provided on successful completion of the programme.



Department of
Mathematics

45 YEARS OF
EDUCATIONAL
LEADERSHIP

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2025

RANKED 26
AMONG ALL
UNIVERSITIES

National Level Five Day
FDP on Indian Knowledge System-Vedic Mathematics
(ONLINE MODE)

27th to 31st October, 2025

Organized by
Department of Mathematics

in Association with Academic Staff College

Koneru Lakshmaiah Education Foundation
(Deemed to be University)

Vaddeswaram- 522302, Andhra Pradesh, India.

About the University

KL Deemed to be University, officially known as Koneru Lakshmaiah Education Foundation (KLEF), is a premier institution located in Vaddeswaram near Vijayawada, Andhra Pradesh, India. KLEF is recognized as a Category 1 University by the University Grants Commission (UGC). KLEF has secured the 22nd rank in the NIRF Rankings 2024 and is ISO 21001:2018 certified. The university is renowned for its excellence in education, research, and innovation.

KLEF actively promotes global engagement through collaborations with 48 international universities. These partnerships support student and faculty exchanges, joint research, and twinning programs, providing opportunities for semester abroad and international exposure. To bridge academia and industry, KLEF has introduced the "Professor of Practice" model, inviting professionals with real-world experience to enrich the curriculum and mentor students. This holistic approach prepares graduates with both academic knowledge and practical skills, fostering innovation and global competence across disciplines.

About Academic Staff College (ASC)

The objective of Academic Staff College is to build the capacity of our faculty in effective teaching-learning process through emerging technologies and learning pedagogies. Team ASC ensures that the faculty possess the necessary soft skills and technical skills that are expected from the 21st century leaders. These include communication, technical, emotional intelligence, entrepreneurship, content creation skills, etc. This centre takes care of all the trainings related aspects to the skill building of faculty at regular intervals and enable them to contribute effectively in three key areas viz. Teaching, Research and Innovation.

About the Department of Mathematics

The Department of Mathematics was Established in 1980, the Department of Mathematics is dedicated to equipping undergraduate and postgraduate students in science, engineering, and technology with advanced analytical skills and mathematical modelling expertise. Since 2009, the department has offered a Ph.D. program in Mathematics, followed by the introduction of an M.Sc. in Applied Mathematics in 2018 and M.Sc. computational Mathematics in 2023, addressing the evolving demands of industry, academia, and research. Currently comprising 40 faculty members and 59 research scholars. The department actively engages in cutting-edge research across diverse domains, including differential equations, computational fluid dynamics, and graph theory. Its contributions are regularly published in high-impact journals indexed in SCI/SCIE, Scopus, and Web of Science (WOS).

About the FDP

This Faculty Development Programme (FDP) aims to provide foundational and practical insights into the Indian Knowledge System (IKS), with a focus on Vedic Mathematics. IKS represents India's rich intellectual heritage, covering diverse fields like mathematics, astronomy, medicine, philosophy, arts, and spirituality.

Vedic Mathematics, a key element of IKS, offers simplified and efficient mathematical techniques rooted in ancient Indian texts, especially the Vedas. These methods promote mental agility and quick problem-solving, making them highly relevant for modern education and scientific applications. Through exploration of Vedic sutras and their use, this FDP highlights how traditional wisdom can support contemporary learning and innovation.

In today's context of holistic education and sustainable development, IKS is gaining renewed significance. This programme fosters a deeper appreciation of IKS not only as a historical tradition but also as a dynamic system with real-world applications—particularly in enhancing mathematical understanding and teaching methodologies.

Objectives of the FDP

- To familiarize participants with the Indian Knowledge System (IKS) and its relevance across disciplines.
- To equip academics with competencies aligned with the objectives of the National Education Policy (NEP) 2020, particularly in promoting innovation and a research-oriented mindset.
- To develop a deeper understanding of ancient Indian mathematical texts and enhance interdisciplinary research skills to connect traditional knowledge with modern mathematical practices

Target Audience

Faculty Members, Industry Professionals, Scientists, UG & PG Students, Research Scholars, Post-Doctoral Candidates, etc.

Registration Fee

UG & PG Students & Research Scholars	100 INR
Post-Doctoral Candidates, Faculty Members, Industry Professionals and Scientists	200 INR

Payment Option

The fee should be paid through bank transfer or account deposit only:

Account Name: Registrar KLEF

Account No: 62434363674

Bank: State Bank of India

IFSC Code: SBIN0021361

The participants are required to upload the payment details while filling out the registration form. Therefore, they are advised to keep a copy of the online payment slip and note the Transaction ID/UTR number for reference.

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Distinguished Resource Persons



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