

KONERU LAKSHMAIAH EDUCATION FOUNDATION

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 with its official address at Museum road, Governerpet, Vijayawada, Andhra Pradesh, India and started KL College of Engineering in the Academic year 1980-81. KLEF was established in 1980-81, as KL College of Engineering, which was upgraded to KL College of Engineering Autonomous in 2006 by UGC, and was declared as a Deemed to be University in 2009 by UGC, MHRD Govt. of India. In 2012 as a Deemed to be University the institution was accredited by NAAC with A Grade and later in 2018, was re-accredited by NAAC with A++ grade. In 2019 UGC, MHRD declared this intuition as Category 1. The University was also ranked 41 under NIRF 2020. The organizing committee of the conference invites papers on the following areas and related topics (but not limited to):

- Dynamical Systems on Time Scales
- Algebra
- Cryptography
- Differential Equations
- Financial Mathematics
- Wavelet Analysis
- Fluid Mechanics
- Fluid Dynamics
- Fractal Analysis
- Functional Analysis
- Fuzzy Logic
- Fuzzy Mathematics
- Graph Theory
- Industrial Mathematics
- Mathematical Biology
- Mathematical Modeling
- Number Theory
- Numerical Analysis
- Operations Research
- Probability and Statistics
- Real and Complex Analysis
- Statistical Quality Control

CALL FOR PAPERS

Authors are invited to submit the full papers in the given template which is available at our conference Website: www.kluniversity.in/math/. Each manuscript will undergo a peer review process (including plagiarism check). The contributed papers must be original and should not have been submitted/accepted/published in any other

conference/journal proceedings. Upon the notification of the acceptance, the author have to submit final copy of the manuscript of the paper, copyright transfer agreement, registration fee along with registration form.

PUBLICATION

The proceedings containing the abstracts of all accepted papers will be released on the first day of the conference. Furthermore, all the selected papers will be peer reviewed by the experts of the specialized areas. All the accepted papers will be published in the journals which are indexed by leading data bases like SCOPUS/SCI/Web of Science. Article Processing Charges are to be paid by the authors upon acceptance of the article.

IMPORTANT DATES

Last date for submission of Abstract:	15-11-2021
Information of Acceptance/Rejection:	01-12-2021
Registration Dead line:	10-12-2021
Submission of Camera Ready Paper:	15-12-2021

Conference Dates: 29-30 December, 2021

REGISTRATION FEE

Academicians/Research Scholars:	400 INR
Industry Persons :	2000 INR
International Delegates:	100 USD

At least one of the authors of the selected paper should register and present the paper during the virtual conference. On-line registrations are only accepted. Registration fee can be paid by money transfer also.

MODE OF PAYMENT

Remittance/Wire transfer details:	
Name of the Account:	Registrar K L E F
Account No:	62275955808
Name of the Bank:	SBI Vaddeswaram
IFSC Code:	SBIN0021361

FOR FURTHER CORRESPONDANCE

Dr. T. NageswaraRao +91 9440164171	Dr. N. Konda Reddy +91 9866726024
Dr. Ankita Tiwari +91 9849862056	Dr. D. Sateesh Kumar +91 9441321888
Dr. D. Ramesh +91 9866842249	Dr. P. Bindu +91 9848797979



Department of
Mathematics

CATEGORY 1
UNIVERSITY
BY MHRD, Govt. of India

KL ACCREDITED BY
NAAC WITH A++
GRADE

NIRF
2020
NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK
RANKED 35
OUT OF 100

41 YEARS OF
EDUCATIONAL
LEADERSHIP

1st International Conference on
**ESSENCE OF
MATHEMATICS
AND ENGINEERING
APPLICATIONS**
(ICMEA-2021)
29-30 December, 2021
(Virtual mode)

Organized by
Department of Mathematics
KONERU LAKSHMAIAH EDUCATION FOUNDATION
(Deemed to be University)
Vaddeswaram, Guntur -522502, A.P. INDIA
www.kluniversity.in

SCOPE OF THE CONFERENCE

Mathematics plays a major role in engineering, physical, biological, economical, medical, computer science and real world applications. The Department of Mathematics has conducted several workshops, seminars and conferences at national level from 2012 to till date. Currently an International Conference on "Essence of Mathematics and Engineering Applications (ICEMEA-2021)" is being organized by the Department of Mathematics. The prime objective of this conference is to bring the experts from industry and academia to share their valuable knowledge related to real world application of Mathematics. The conference includes keynote addresses and invited talks by eminent Speakers/Professors around the world. Further, it includes oral and poster presentations by researchers. The conference highlights the salient and important aspects of applying mathematical techniques. Research organizations and academic institutions have given their consent to grace the conference.

CHIEF PATRONS

Er. K. Satyanarayana, President
Er. K. L. Havish, Vice-President
Er. K. Raja Harin, Vice-President

PATRONS

Prof. S. S. Mantha
Chancellor
Prof. G.P.S. Varma
Vice-Chancellor
Prof. N. Venkatram
Pro Vice-Chancellor
Prof. YVSSV Prasada Rao
Registrar
Prof. A. Jagadeesh
CCO & Director-FED
Prof. K. Rama Krishna
Dean-Quality
Prof. J.K. Singh
Dean-R&D
Prof. M. Kishore Babu
Dean-MHS
Prof. K. Subba Rao,
Principal, KL College of Engineering
Prof. K. Subrahmanyam,
Principal, K L College of Sciences

ORGANIZING SECRETARIES

Dr. V. Krishna Reddy,
Vice-Principal & Co-Ordinator, FED
Dr. B.V. Appa Rao
HOD-Mathematics

CONVENERS

Dr. Ch.V. Ramana Murthy
Dr. V.S. Bhagavan

CO-CONVENERS

Dr. S. V. Subrahmanyam
Dr. G. Suresh Kumar

KEYNOTE SPEAKERS

Dr. S. Rao Jammalamadaka,
University of California, California

Dr. Abdul Aziz Bin
Abdul Raman University of Malaya, Malaysia.

Dr. Debjani Chakraborty
IIT Kharagpur, India

Dr. Khaled Al-Farhany,
University of Al-Qadisiyah, Iraq

Dr. P. Vishnu Vardhan Rao,
ICMR, New Delhi, India

Dr. Akbar Rezaei
Payame Noour University, Iran

Dr. Aleksandra Grzesiek,
Wroclaw University of Science and Technology, Poland

Dr. Henrik Bengtson
Lund University, Sweden

Mr. W. Gowri Shankar
DRDO, Hyderabad, India

CONFERENCE ADVISORY COMMITTEE

Prof. H M Srivatsava
University of Victoria, Canada

Prof. J. VenkateswaraRao,
Kenya Univerity, Kenya

Prof. A M Rashad
South Valli University, Egypt

Prof. M J Shavannad
University of Behrain, Behrain

Prof. A M Mathai
University of Victoria, Canada

Prof. Paul Elo
University of Dayton, USA

Prof. Eshetu Haile Gorfie
Bahirdar University, Ethiopia

Prof. S. K. Neogy,
ISI Delhi

Prof. S. Sundar,
IIT Madras

Prof. Prawal Sinha,
IIT Bhubaneshwar

Dr. Dhaneshwar Prasad,
KMGPISR, Pondicherry

Dr. Ritu Agarwal,
MNIT, Jaipur, India

Prof. A. Adimurthy
TIFR-CAM, Bangalore

Prof. Neela Nataraj,
IIT Bombay

Prof. Mahuya Datta,
ISI, Kolkata

Prof. D.K. Ghosh Emiritus
Sourashtra University, Rajkot

Prof. Mritunjay Kumar Singh
IIT (ISM), Dhanbad

Prof. Debasis Dutta
NIT, Warangal

Prof. K. Ravindranath
JNTUK, Kakinada, A.P.

Prof. G Sobhalatha
Sri Krishna Devaraya University, Anantapur, A.P.

Dr. D. Jeya Kumar
Senior Scientist, VSSC/ ISRO, Trivandrum.

Dr. J. Singaravelu,
Dy. Project Director, ISRO/VSSC, Trivandrum

Dr. Malolan Vasudevan,
Sr. Scientist, ASL, DRDO, Hyderabad

ORGANIZING COMMITTEE

Dr. K. Jaya Rami Reddy
CEO, AP Science City, Andhra Pradesh.

Dr. B. Nageswara Rao,
Ex Scientist, ISRO, Trivendrum

Dr. V. Vasanta Kumar
Dr. G. V. Ramana Reddy

Dr. K. V. Chandra Sekhar

Dr. T. Eswar Lal

Dr. W. Sridhar

Dr. N. Vijaya

Dr. K. Rajyalakshmi

DEPARTMENT OF MATHEMATICS

The Department of Mathematics was established in 1980. It has strong backup of 100% doctorate faculty. All the faculty are highly qualified, motivated and are specialized in various areas of Mathematics. The department focuses on Pure and Applied Mathematics catering to the professional needs of students of varied backgrounds. The department offers M.Sc. Program in Applied Mathematics and research programs in Ph.D. The department is also offering courses for students majoring in Science, Engineering, Commerce, Pharmacy, Law, Arts, Architecture and Business Administration areas. The curriculum has been designed with emphasis on the concepts and its applications. The faculty members regularly attend seminars, workshops and conferences to keep themselves upgraded with latest research inputs as well as efficient classroom management techniques which meet the challenges of a fast changing technical world.