

## About K L University

Koneru Lakshmaiah College of Engineering was established in the year 1980. The College attained autonomous status in the year 2006 and has been made deemed to be University with effect from 2009. It is a pioneer in the field of Education and Research. K L University is recognized as Asia's best private university and has highly qualified faculty. K L University is accredited by NAAC of UGC as "A" Grade University, approved by AICTE, and Ranked No. 1 in Andhra Pradesh & Telangana states among engineering institutions by MHRD, Government of India for the year 2016. This University is gearing up to emerge as one of the top-notch institutions with world class R & D infrastructure and academic ambience.

## About Mathematics Department

The department of Mathematics focuses on pure and applied mathematics catering to the professional needs of students of varied backgrounds. The department is offering courses for students majoring in Science, Engineering, Commerce and Business Administration. The department is offering M.Sc Program in Applied Mathematics and research programs in M.Phil and Ph.D. The curriculum has been designed with emphasis on the application of concepts. The department has highly qualified and motivated faculty drawn from different specializations. They regularly attend seminars, workshops and conferences to keep themselves geared up with latest research inputs as well as efficient classroom management techniques that meet the challenges of a fast changing technical world.



## Chief Patrons

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

## Patrons

Prof. L. S. S. Reddy, Vice-Chancellor, K L E F  
Prof. A. Rama Kumar, Pro Vice-Chancellor, K L E F  
Prof. T. Uma Maheswara Rao, Registrar, K L E F  
Prof. K. Subba Rao, Principal, K L College of Engineering  
Prof. N.Venkat Ram, Principal K L College of S & H  
Prof. V. Rajesh, Principal, ASC & Dean Faculty and Staff Affairs, K L E F  
Prof. K. L. Narayana, Dean (R&D), K L E F  
Prof. Pranveer Singh Satvat, Dean Academics, K L E F  
Prof. A. Anand Kumar, Advisor-Academics, K L E F  
Prof. V Krishna Reddy, Vice-Principal, K L College of S & H, and Co-ordinator, FED, K L E F

## Convener

Prof. V. Vasanta Kumar, HOD, Dept. of Mathematics, K L E F

## Co-Convener

Prof. B. V. Appa Rao, I/C. HOD, Dept. of Mathematics, K L E F

## Location:

The KL University is located at Greenfields, Vaddeswaram, Guntur Dist, Andhra Pradesh in a 100 acre green campus abutting Buckingham canal, about 9km from Vijayawada railway station and bus stand. Vijayawada is located on the bank of river Krishna in the state of Andhra Pradesh. The city is well connected by national Highways and railways with Chennai (440km), Hyderabad (275km) and Visakhapatnam (385km). The city is the gateway for trains running from North to South India. We have daily flights to Vijayawada (Gannavaram Airport) from cities Hyderabad, Chennai, Bangalore and Delhi.

## For Further Assistance

|                      |                   |
|----------------------|-------------------|
| Dr. V.S Bhagavan     | +91 9440 981 317  |
| Dr. K.Jayrami Reddy  | + 91 9441 012 500 |
| Dr. G Suresh Kumar   | +91 9441 044 687  |
| Dr. T.Eswar Lal      | +91 9676 211 194  |
| Mr. D. Satish Kumar  | +91 9441 321 888  |
| Dr. S.V.Subrahmanyam | +91 7207 868 681  |

Organised by Department of Mathematics  
Koneru Lakshmaiah Education Foundation  
(Deemed to be University)  
Vaddeswaram, Guntur -522502, A.P. INDIA



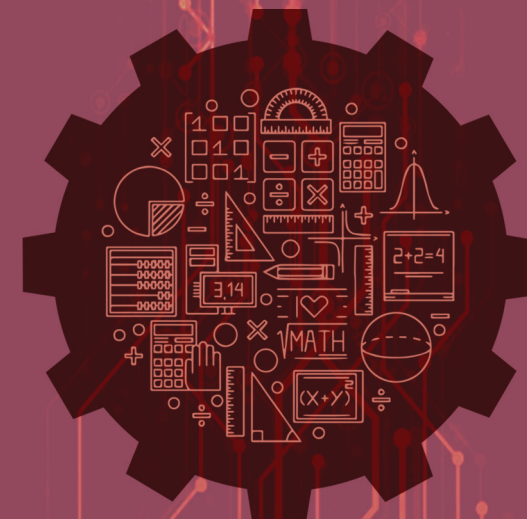
Sponsored by  
DST-SERB



## TWO DAY NATIONAL CONFERENCE ON ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS

### (EMEA-18)

14<sup>th</sup> & 15<sup>th</sup> DECEMBER, 2018



organised by

**Department of Mathematics**

Koneru Lakshmaiah Education Foundation  
(Deemed to be University)

Vaddeswaram, Guntur -522502, A.P. INDIA  
[www.kluniversity.in](http://www.kluniversity.in)

## ABOUT THE CONFERENCE

The purpose of this conference is an earnest attempt made to create the right interface for the exchange and dissemination of new ideas and techniques among the young researchers in various fields of mathematical sciences. The program consists of plenary invited talks as well as contributed paper presentations on various technical aspects of different research areas. Mathematics plays a major role in engineering, physical, biological, economical, medical, computer science and real world applications. It is ubiquitous in everyday world of software applications in routine engineering. As all complex engineering problems are somehow related to arithmetic with large size matrices being handled by computers. Mathematics turns the wheels of engineering analysis and design such as heat and mass flow in steam power plants and car radiations, air flow in cooling fans, molten metal flows. From reliability in electric power system grids to traffic in networks, mathematics crosses boundaries in a way no other subject can.

## CALL FOR PAPERS

Original research papers from research scholars, academicians, and scientists, in the field of Mathematics, Statistics, Applied Mathematics, branches and disciplines related to mathematical sciences are invited for presentation at the conference. All accepted papers will be published in the conference proceedings with ISBN.

## JOURNAL PUBLICATION:

Selected papers from the EMEA-18 will be recommended by the Screening Committee for publication in any one of the following SCOPUS indexed Journals at concessional cost

1. **Mathematical Modelling of Engineering Problems(MMEP)**
2. **International Journal of Mechanical and Production Engineering Research and Development(IJMPERD)**

## Submission Guidelines:

- Abstract not exceeding 200 words
- Full paper not exceeding 10 pages
- Font size and style MS Word, 10 Times New Roman, A4 Size, 1.0 line spacing.
- Two column Format
- Mail your papers to :[emea@kluniversity.in](mailto:emea@kluniversity.in)

## Important Dates

Abstract Submission : 10/11/ 2018  
(Acceptance notification within 5 days from the date of submission)  
Registration Dead line : 20/11/2018  
Full Paper Submission : 01/12/ 2018

## Registration Fee

For Students : ₹ 500.00  
For Faculty/Scholars : ₹ 900.00  
For Industry Persons : ₹ 2000.00

## Online Registration:

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

## Accommodation

- 5 star hotels to budget hotels are available in Vijayawada.
- A few rooms are available in K L University campus.

## Invited Speakers

**Dr. Magesh Kumar K. K.**, Scientist C, SERB, DST  
**Dr. Dilip P. Patil**, Professor of Mathematics, IISc, Bangalore  
**Dr. Y.V.S.S. Sanyasi Raju**, Professor of Mathematics, IIT, Madras  
**Dr. Chidella Srinivasa Rao**, Professor of Mathematics, IIT, Madras  
**Dr. M. Mutayala Rao**, Applied Mathematics Division, VSSC/ISRO,  
**Dr. Debashis Dutta**, Professor of Mathematics, NIT Warangal  
**Dr. K.R. Pradeep**, Scientist, ISRO/VSSC, Trivandrum  
**Dr. B. Nageswara Rao**, Professor (Ex. Scientist, ISRO, Trivandrum), KLEF

## Advisory Committee

**Dr. G.P. Rajasekhar**, Professor of Mathematics, IIT, Kharagpur  
**Dr. S. Sundar**, Professor of Mathematics, IIT Madras  
**Dr. S. Srinadh**, Professor of Mathematics, S.V.University.Tirupati  
**Dr. D. Jeya Kumar**, Senior Scientist, VSSC/ ISRO, Trivandrum.  
**Dr. K. Sankaranarayanan**, Professor of ME, NIT, Tiruchirappalli.  
**Dr. J. Singaravelu**, Deputy Project Director, ISRO/VSSC, Trivandrum  
**Dr. Kanduru V. Krishan**, Professor of Mathematics, IIT Guwahati  
**Dr. Kalesha Vali Shaik**, Professor of Mathematics, JNTU Vizayanagaram.  
**Dr. P.D.N. Srinivas**, Associate Professor, Andhra University, Visakhapatnam  
**Dr. Ramana Murthy J V**, Professor, Dept. of Mathematics, NIT, Warangal  
**Dr. Srinivas jangili**, Assistant t Professor, NIT, Meghalaya.  
**Dr. Mritunjay Kumar Singh**, Assoc. Prof. of Mathematics, IT (ISM), Dhanbad  
**Dr. B.J.K. Singh**, Associate Dean, Sponsored Research, KLEF.  
**Dr.S.Satyanarayana**, Associate Professor of CSE, KLEF

## The Conference will cover the Following Areas;

- Mathematical Applications in Engineering, Science & Technology
- Computational Fluid Dynamics (CFD)
- Differential Equations and Dynamical Systems
- Stress Analysis of Machine Elements
- Reliability Engineering
- Mathematical Modeling of Engineering Systems
- Algebra, Fuzzy Logic and Applications
- Numerical Methods
- Number Theory and Networks
- Statistical Methods in Data Warehousing and Mining
- Applications of Linear Algebra
- Operations Research



Sponsored by  
DST-SERB



## TWO DAY NATIONAL CONFERENCE ON ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS (EMEA-18)

14<sup>th</sup> & 15<sup>th</sup> DECEMBER, 2018

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Contact No. \_\_\_\_\_

E-mail: \_\_\_\_\_

## Mode of Payment:

### Registration Details:

Remittance/Wire transfer details:

Name of the account : Registrar K L E F  
Account No : 62310916292  
Name of the bank : SBI Vaddeswaram,  
IFSC Code : SBIN0021361

### Quoting purpose of fund:

EMEA18 Registration fees of (Name of the delegate)

**Note:** Submit the Reference number of payable amount at registration desk.

**Spot registrations are also available**