

About the Organisation

K L University is a pioneer in the field of engineering education and research in private sector. It was established as Koneru Lakshmaiah College of Engineering in the year 1980, situated in a spacious 60 acre campus on the banks of Buckingham canal of river Krishna, 8 Km away from Vijayawada. The institute is accredited by National Assessment and Accreditation council (NAAC) of UGC with A grade K L University has knowledge base stems with the presence of eminent and highly qualified academic staff, numbering 600+ out of which 155+ doctorates and 300+ pursuing Ph.D is one of the best for any engineering institute. KLU offers 10 UG programs, 14 PG programs, 28 Integrated degree programs, dual degree programs and in addition to this research program is been offered in 14 disciplines.

Research at KLU

KLU places special emphasis on research, more than 1200 research papers have been published in span of last two years. DSIR of Govt. of India recognized KLU as a Scientific and Industrial Research Center. KLU has the credit of housing world class Excellency centers to boost research in emerging areas like MEMS/VLSI, Nanotechnology, Robotics, Nuclear fusion, Reactor design, Automobile, Aero Space Structures etc. In order to extend R&D and consultancy activities within the university 43 faculty research groups are functioning effectively. Funded projects of worth more than 10 Crores are sanctioned & more than 5 Crores

are in pipeline, which speaks about the strength of the outsourced research at KLU.

About the Department

Department of Electronics & Communication Engineering was established in the year 1980, has grown now to be a department with 180 Faculty members and over 3500 Under Graduate and 200+ Post Graduate students and about 300+ research scholars. As the largest academic department of University, Department of ECE and its Faculty are involved in an exceptional range of Educational, Intellectual and Research activities. We have grown over the years in many directions and currently recognized as a "Premier Teaching and Research Department" of the KL University and also we recognized by DST under FIST program in the year 2012. Being as FIST-DST recognized department, recently we purchased the 18 GHz Network Analyser, 20 GHz Spectrum Analyser, LCR meter, Intellisuite, COMSOL Multiphysics and HFSS Suite softwares etc., In addition, the department is well equipped with various laboratories catering the UG and PG Programs and other research centers in VLSI, Communication Systems, Atmospheric Sciences and MEMS.

Objectives of the Workshop

The primary goal of the workshop is to promote research and developmental activities in rapid advancements in Microelectronics based Space Devices. This creates opportunity to equip with the ongoing Technological development in the area of RF MEMS.

The workshop is intended to provide a vibrant opportunity for Electronics & Mechanical students and research scholars to enrich their knowledge in the area of RF MEMS.

The following topics will be covered:

- MEMS Devices for Aircrafts
- MEMS Inertia sensors
- MEMS Accelerometers
- MEMS Gyroscopes
- RF MEMS Switches
- RF MEMS Filters
- RF MEMS Phase Shifters
- RF MEMS Sensors for Reconfigurable Antennas

Resource Persons

- **Dr. K. J. Rangra**, Scientist "F", CEERI Pilani
- **Dr. Sudhanshu Shekhar**, IISC, Bangalore
- **Dr. Jyotirmoy Dutta**, Technical lead(MEMS), FTD Infocom Pvt Ltd, Bangalore.

Participants

Faculty members, Research scholars, UG/PG students and Professionals from R&D Institutions/Organizations.

Registration Fee Details :

Students: Rs.300/-

Faculty/Research Scholar : Rs.600/-

R&D/ Industries : Rs.1000/-

Poster presentation Competition:

- Interested candidates please contact the Convener(Room No: L 704).
- Register before 20th February 2018.
- Limited spot registrations.
- 1st, 2nd and 3rd prizes for Merit Presentations.

REGISTRATION FORM

National Workshop
On

**“Advances in MEMS devices for
Space Applications”**

24th February , 2018

1. Name.....
2. Designation
3. Name and Address of the Organization

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Phone No:

E-Mail:

4. Address for Correspondence :

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5. DD Details :
DD No Date:
Drawn:

Signature of the Candidate

CHIEF PATRON

Er.K.Satyanarayana, President, KLU

PATRONS

Sri K Raja Harin, Vice-President

Sri K L Havish Vice-President

Dr. L S S Reddy, Vice-Chancellor

Dr. K Satya Prasad, Pro vice-chancellor

Prof.T.Uma Maheswara Rao,Registrar

Dr. M. Suman, Deputy Registrar

Dr. K Subba Rao, Principal, KLCE.

Dr.K.Sarat Kumar, Dean (P&D)

Dr.K.L.Narayana, Dean (R&D)

Dr.V.Rajesh, Dean(Faculty Affairs)

Prof.N.Venkatram, Dean (Academics)

Dr.Habibulla Khan, Dean (Student Affairs).

University Advisory Committee

Dr.J K Singh, Associate Dean- Sponsored Research

Dr. K.SriKavya, Professor & A/Dean,

Dr.S.Koteswara Rao, Professor & RPAC

Organizing Committee

Dr.M.Durga Prakash

Dr. K S N Murthy

Dr. Sunithamani

Dr.Harikishore

Dr. Fazal Noor Basha

Dr M.Siva Kumar

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Mrs.K.Girija sravani

Mr.GRK Prasad

Mr.N.Siddaiah

Mr Syed Shameem

Mr B.Murali Krishna

Mr G.Rakesh Chowdary

Mr G.V.Ganesh

Mr.V.Narasimhanayak and other members of
Microelectronics Research Group.



National Workshop
on

**“Advances in MEMS devices for Space
Applications”**

24th February, 2018



Organized by

Microelectronics Research Group (MERG)

Department of ECE

Convener

Dr. K. Srinivasa Rao
Professor & Head of MERG
Department of ECE

Chairman

Dr. V S V Prabhakar
Head, Department of ECE

K L (Deemed to be University)

Green Fields, Vaddeswaram, Tadepalli (M.D),
Guntur(Dist), AP,INDIA-522502.