



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Report on the event Online Guest Lecture on “Overview of MEMS Devices: Design Aspects & Challenges – A new Paradigm of Research

Event Type	:	Guest Lecture
Date / Duration	:	10.10.2020 , 1hour 30 minutes
Resource Person	:	Dr.K.Srinivasa Rao, Professor & Head of Microelectronics Research Group, Department of Electronics and Communication Engineering, Koneru Lakshmaiah Education Foundation (Deemed to be University)
Name of Coordinator	:	Dr.G.L.N.Murthy, In charge, Reconfigurable computing club
Target Audience	:	B.Tech V th Semester students
Total no of Participants:		Faculty Members: 19 Nos. , Students:153 Nos.
Objective of the event:		To expose the students the emerging or areas of technology, micro-electromechanical system(MEMS)
Outcome of event	:	Student could be able to orient more towards the MEMS course that is an elective in the curriculum and in future take projects in the MEMS area as college is having MEMS design centre already.

Description / Report on Event:

In his inaugural speech Dr.Y.Amar babu, head of the department mentioned that Reconfigurable computing club is aimed at exposing students to new trending and highlighted the role of MEMS technology in the technologically developing world. He mentioned that MEMS and VLSI are the two correlated fields and hence each student should expose to the developments in these areas. Dr.K.Srinivasa Rao , resource person from KLEF ,began his lecture by quoting the significance of research. Instead of restricting to class room learning, the students

should come out and think in a broader way in different prospective. Smart phones are the driving force these days that made life easier to live with. Each smart phone is composed of number of sensors that are fabricated using MEMS technology. Numerous applications of MEMS applications in diverse fields like automotive, medical, communication as well as in military applications are briefed. It was told that the MEMS device is like an integrated circuit but fabricated with different technology and the development of MEMS technology over the years was also narrated.

Along with existing applications, new trending areas where MEMS is having scope like Bio MEMS, RF MEMSMOEMS were also explained. It was also pointed out that even though MEMS technology is having broader applications there are many issues that are to be dealt with in designing MEMS. The guest lecture concluded by informing to the students about the facilities in the college under MEMS and later by thanking Dr.A.Narednra Babu for pursuing the resource person.

Feedback / Suggestions :

- Conduct such guest lectures once every two weeks
- Increase the time of the guest lecture
- Intimate well in advance whenever such lectures are conducted in online as there may be log in difficulties

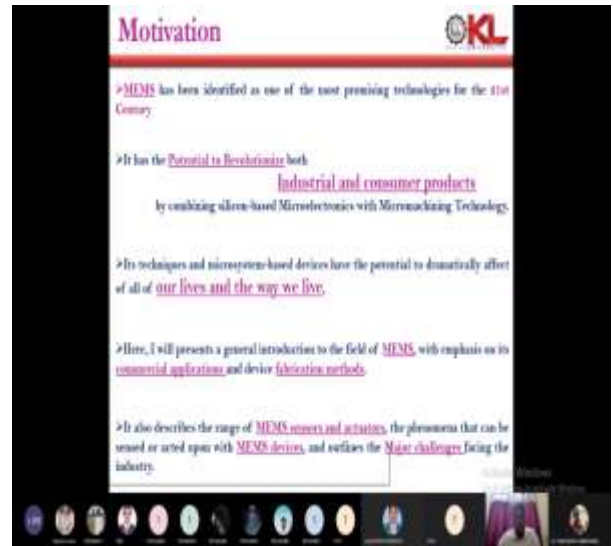
Comments on the feedback:

1. The department will organize the guest lectures or any other events meant for sharing the knowledge but not every fortnight as academics should also be given priority.
2. Based on the depth of the content and need definitely time will be increased.
3. This time as the nod from the resource person was got at the last minute event was conducted by intimating within very short time. Next time onwards with prior information only such vents will be conducted.

Photographs:



Addressing by Dr.Y.Amar Babu , HOD



Addressing by the resource person Dr.K.Srinivasa Rao



Addressing by the resource person Dr.K.Srinivasa Rao



Concluding remarks by Dr.Y.Amar Babu HOD, ECE & Dr.P.Lachi Reddy , Professor, ECE

Press clippings:

ఎంకెఎంఎస్ పై అవగాహన సదస్సు
 మైలవరం: స్థానిక లకెర్ కెట్ బాలిరెడ్డి ఇంజనీరింగ్ కళాశాలలో బీటెక్ ఈసీఈ తృతీయ సంవత్సరం విద్యార్థులకు ఎంకెఎంఎస్ డిజైనింగ్, డిజైన్ అండ్ అప్లికేషన్స్ అనే అంశంపై ఆన్లైన్ ద్వారా అవగాహన సదస్సు సోమవారం నిర్వహించారు. కోనేరు లక్ష్మయ్య ఎడ్యుకేషన్ ఫౌండేషన్ మెట్రో ఎలక్ట్రానిక్స్ విభాగాధిపతి డాక్టర్ కే శ్రీనివాసరావు రిసోర్స్ పర్సన్ గా వ్యవహరించారు. కళాశాల వైస్ చైర్మన్ పోల్ డాక్టర్ కే చూరినాథ్ రెడ్డి, డాక్టర్ జేఎల్ఎస్ మూర్తి కోఆర్డినేటర్ గా వ్యవహరించారు.

మైలవరం: లకెర్ కెట్ బాలిరెడ్డి ఇంజనీరింగ్ కళాశాలలో బీటెక్ ఈసీఈ తృతీయ సంవత్సర విద్యార్థులకు మెట్రిస్ పై ఆన్లైన్ ద్వారా సోమ వారం అవగాహన సదస్సు నిర్వహించారు. కేఎల్ఎంఎల్ విభాగాధిపతి శ్రీనివాసరావు ఈసీఈ విభాగాధిపతి ఆమర్తవాలు, సమన్వయ కర్త జేఎల్ఎస్ మూర్తి తదితరులు పాల్గొన్నారు.