

PROCEEDINGS OF THE PRINCIPAL, JNTUA COLLEGE OF ENGINEERING
ANANTHAPURAMU (AUTONOMOUS): JNTUACEA ANANTHAPURAMU
PRESENT: Prof. K. RAMANAIDU: PRINCIPAL

TEQIP-III

Procs. No. TEQIP-III/NPIU/Academics/ECE/1.3-2(xi)/1/2018-19 Date:22-09-2018.

Sub: JNTUA College of Engineering Ananthapuramu-JNTUACEA-TEQIP-III-
Academics-Permission to conduct Guest Lecture on "Advanced Sensors and
its applications in Product Design" for the PG students of this College on
24-09-2018-Orders-Issued.

Ref: i) Letter dt: 19-09-2018 of Dr.V. Sumalatha (Prof. of ECE)

Dr.V. Sumalatha (Prof. of ECE) has submitted a letter requesting the Principal to
permit to conduct Guest Lecture on "Advanced Sensors and its applications in Product
Design" for the PG students of this College on 24-09-2018 and requested to permit to meet
the expenditure from TEQIP-III funds.

Title of the Program	:	Guest Lecture on "Advanced Sensors and its applications"
Conducted by	:	ECE Department, JNTUACEA
Duration of the Programme:	:	24-09-2018
Coordinator	:	Dr.V. Sumalatha

The requisition submitted is approved and the Principal is pleased to accord
permission to Dr.V. Sumalatha, to conduct the said programme on the date noted. The
expenditure will be met from TEQIP-III funds under Academics SC 1.3-2 (xi) head of
account. The approximate expenditure for conducting the above said programme is
Rs. 15,000/-.

She is requested to follow the rules and regulations in incurring the expenditure and
requested to submit the vouchers in original as per the guidelines provided by NPIU. She
also requested to submit Photographs, list of participants, feedback reports etc., as per
TEQIP-III norms in proforma provided.


Encl: i. Proforma.
ii. Guidelines.

To

(1) Dr.V. Sumalatha, Professor of ECE, JNTUACEA
Copy to Head of Electronics & Communication Engineering
Copy to Prof. M.L.S.Deva Kumar, Nodal Officer (A) (TEQIP-III)
Copy to Dr. K. Jithendra Gowd, Nodal Officer (F) (TEQIP-III)
Copy to Dr.D.VishnuVardhan, Coordinator - (TEQIP-III)
Copy to Dr.A.P. Siva Kumar, Nodal Officer (P) (TEQIP-III)
Copy to Bills.
Spare

PRINCIPAL




REGISTRAR
J.N.T.U. Anantapur
ANANTAPURAMU-515002

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
COLLEGE OF ENGINEERING (Autonomous)::Ananthapuramu

Guest Lecture
on

Advanced Sensors & their Applications in Product Design

24th September, 2018
Sponsored by TEQIP III

Attendance Sheet

S.No.	Name	Email ID	Mobile Number	Signature
1	G. Govardhan Reddy	govardhanreddygovardhan@gmail.com	7095893866	Govardhan Reddy
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Guest Lecture

on

Advanced Sensors & their Applications in Product Design

24th September, 2018

Sponsored by TEQIP III

Feedback Form

Note: Feedback may be given on the scale of 1-5; 1 - Poor, 2 - Below Average, 3 - Average, 4 - Good, 5 - Very Good

S.No	Name	Specialization	Relevance of Topic	Student Interaction	Knowledge	Overall Feedback	Suggestions if any
1	G. Govilkar Reddy	Embedded systems	5	4	5	5	G. Govilkar Reddy
2	Y. Arpanji Sai	Embedded systems	4	4	5	5	4 stars
3	S. Padmabhushan	Embedded systems	5	4	5	5	S. Shoban
4	P. Hemavardhan	DECS	5	4	4	4	P. Hemavardhan
5	K. Balu	DSC/E	5	4	4	4	Balu
6	S. Dattagiri	DSC/E	5	4	4	4	Dattagiri
7	S. Suresh	DSC/E	5	4	4	4	S. Suresh
8	S. Suresh	DSC/E	5	4	4	4	S. Suresh
9	M. Mohan	DSC/E	5	4	4	4	Mohan
10	Ashok	DSC/E	5	4	4	4	Ashok

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33	N. Kameswari	DSC E	5	4	4	4	4	R. Akhil
34	Rakhi Kuma Reddy	DSC E	5	5	4	4	4	B. Siva
35	R. Siva	DSC E	5	5	5	5	5	B. Siva
36	B. Mallesh Babu	DSC E	5	5	5	5	5	B. Siva
37	U. Dilip Kumar	DSC E	5	4	5	5	5	U. Dilip Kumar
38	V. Jivandya Reddy	DSC E	5	4	5	4	4	V. Jivandya
39	P. Raj Pawan	DSC E	5	5	5	4	4	P. Raj Pawan
40	M. Madhuri Lakshmi	DSC E	5	5	5	4	4	M. Madhuri
41	D. Shabana	DSC E	5	5	5	4	4	D. Shabana
42	Ramy a	DSC E	4	4	3	3	3	Ramy a
43	Prakharthi	DSC E	5	4	4	4	4	Prakharthi
44	S. Meenika	DSC E	5	4	5	4	4	S. Meenika
45	M. Khansi	DSC E	5	5	4	4	4	M. Khansi
46	S. Megalalshani Gijayatha	DSC E	5	4	4	4	4	S. Megalalshani
47	P. Saritha	DSC E	5	4	4	4	4	P. Saritha
48	G. Bhavani	DSC E	5	5	4	4	4	G. Bhavani
49	B. Vijaya Navasitha Reddy	VLSI	5	4	4	5	5	B. Vijaya Navasitha
50	D. Sathish	VLSI	5	3	4	4	4	D. Sathish
51	M. Viswanath Reddy	VLSI	5	4	4	5	5	M. Viswanath
52	G. Jayabharathi	VLSI	5	4	4	4	4	G. Jayabharathi
53	F. Suresh Kumar	VLSI	5	3	4	4	4	F. Suresh Kumar

GuestLecture

on

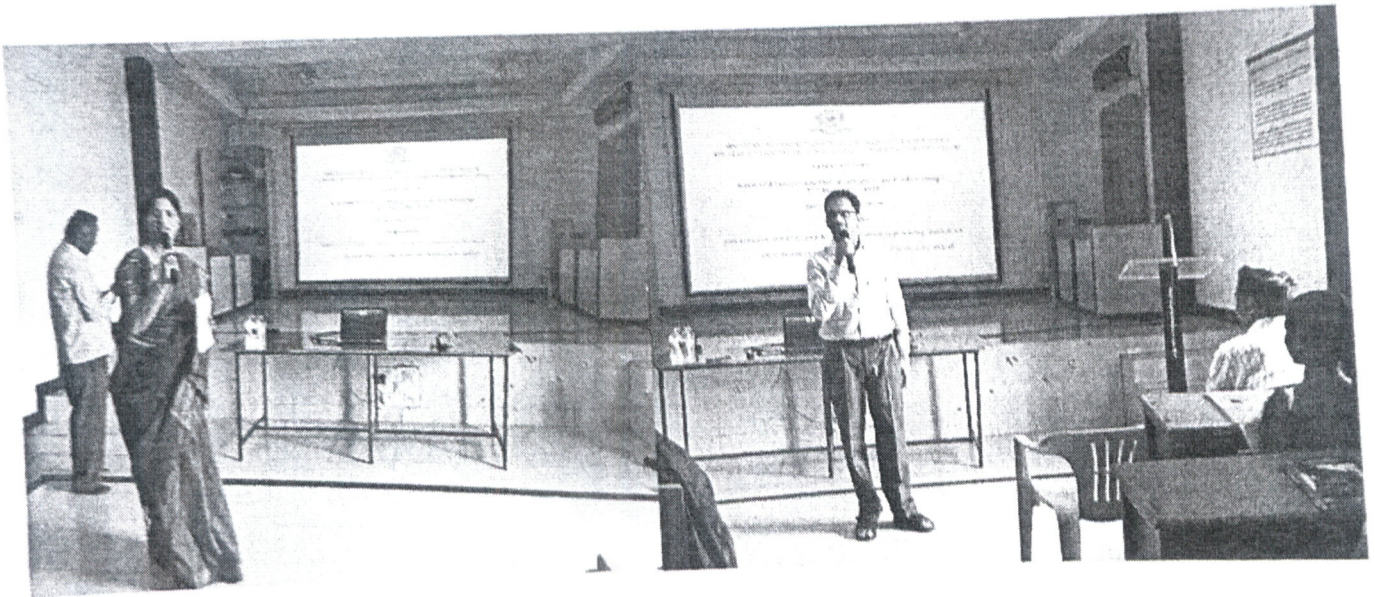
Advanced Sensors & their Applications in Product Design

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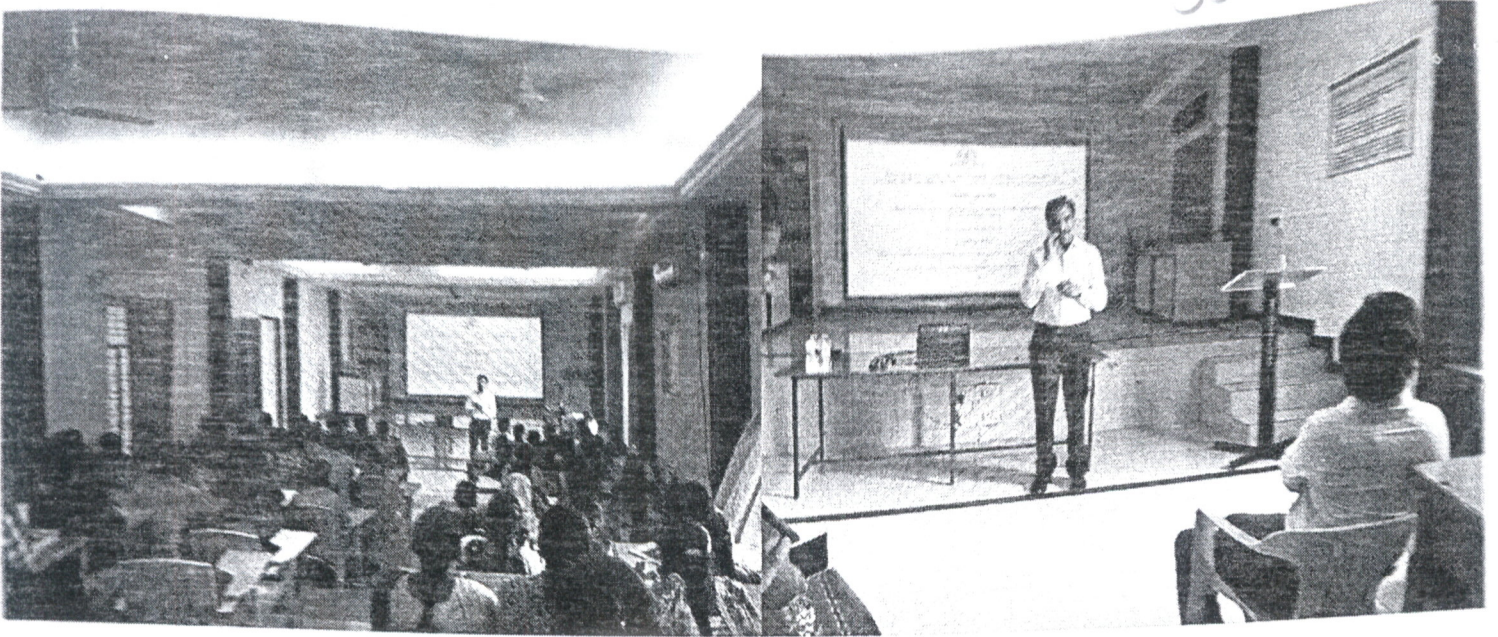
REPORT

The department of ECE, JNTUA College of Engineering, Ananthapuramu has organized a Guest Lecture on "Advanced Sensors and their Applications in Product Design" on 24th September, 2018 under TEQIP III. The resource person is Sri C S SSarma, Managing Director, Waves & Particles (WnP), Hyderabad. The lecture has started with a brief introduction of expert by the coordinator Prof. V. Sumalatha. The Head of ECE Department, Prof. P. Ramana Reddy in his address stressed on the importance of industry institute interaction.



Later the lecture has started with motivating students towards selecting projects based on societal problems. Few issues related to agriculture are taken as case studies and discussed in detail. Parameters that are considered for selecting a right sensor for a particular application is discussed at length. How the latest sensors, including those used in IoTs and wearables, are soon going to revolutionize electronics industry is shown with video presentations proving the fact is that the application of sensors is ever-expanding along with the progress in science and technology.


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Statistics on how sensors are becoming the biggest and fastest growing markets, comparable with computers and communication devices markets is presented. Different applications where sensors are used in day to day life like smartphones, automobiles, security systems, coffee makers is discussed. Also, role sensors in the Internet of Things (IoT), medical, nuclear, defence, aviation, robotics and artificial intelligence, agriculture, environment monitoring and deep-sea applications are discussed at length with examples. Around 70 participants from various PG specializations of ECE department have attended the session. The session ended up with a vote of thanks to the resource person by Prof. V. Sumalatha, Coordinator of the program.



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