



# SENSETRONICS

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DEPARTMENT OF

ELECTRONICS AND COMMUNICATION ENGINEERING



ADITYA ENGINEERING COLLEGE (A)

APPROVED BY, AICTE, NEW DELHI AND AFFILIATED TO JNTU KAKINADA

# **ABOUT ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT**

Established as one of the major departments of the Institute, the Department of Electronics and Communication Engineering at Aditya strives to produce highly competent engineers equipped with advanced professional knowledge, entrepreneurial thinking, professional and ethical attitude, critical problem solving and analytical skills through effective teaching learning process, research and industrial collaboration.

The faculty of the department, a rich blend with academic and industrial experience, have been constantly carrying out research on many cutting-edge technologies with regular publications in ELSEVIER and other top international journals. The academic quality of the department is reflected by the laurels won by the students and the distinguished positions in industry and academia occupied by alumni.

The department strives to upgrade the knowledge of faculty and students by organizing various Workshops, Industry-Institute Interactions, Continuous Improvement Programs inviting eminent personalities from Industry and academic Institutions, Seminars and Research activities.

## **VISION OF THE DEPARTMENT**

- To become a centre of excellence in the field of Electronics and Communication Engineering with technological capability, professional commitment and social responsibility.

## **MISSION OF THE DEPARTMENT**

### ***MISSION 1***

Provide quality education, well-equipped laboratory facilities and industry collaboration.

### ***MISSION 2***

Promote cutting edge technologies to serve the needs of the society and industry through innovative research.

### ***MISSION 3***

Inculcate professional ethics and personality development skills.

## FACULTY PUBLICATIONS

S. No	Name of the Author/Faculty	Title of the research paper	Name of the journal	Name of the Publisher	Year of publication	Impact factor
1.	NR Dhineshabu, R Vettumperumal	Linear and Nonlinear Optical Properties of CuO NPs for Photonics	Journal of Electronic Materials	Springer	June 2021	1.938
2	Rajyalakshmi Uppada, Satya Prasad Kodati, KoteswaraRao Sanagapallela	Automated Computer Aided Diagnosis Using Altered Multi-Phase Level Sets in Application to Categorize the Breast Cancer Biopsy Images	IETE Journal of Research	Taylor & Francis Online	2021	2.33
3	G S Sahoo, S Routray, K P Pradhan and G P Mishra	Electrical, Optical, and Reliability Analysis of QD-Embedded Kesterite Solar Cell	IEEE Transactions on Electron Devices (IEEE)	SCI, SCOPUS	2021	2.913

## SEMINARS / WORKSHOPS / FDPS ATTENDED

S.No	Name of the Faculty	Name of the Event	Month & Year
2	Ms. G. Pushpanjali	5 day online FDP on Inculcating Universal Human Values in technical education organised by All India council for technical education, New Delhi	28-06-2021 to 02-07-2021
3	Ms.K.Divya Mahduri	Inculcating Universal Human Values in Technical Education”, ALL INDIA COUNCIL FOR TECHNICAL EDUCATION	02-07-2021
4	Ms.Ch.V.Kiranmai, Ms. G.Pushpanjali, Mrs.G.Jyothirmai	Two Days Workshop on “Research Using SCOPUS / SCI Database” organized by Department of Electronics & Communication Engg., Oriental Institute of Science & Technology, Bhopal.	09-07-2021 to 10-07-2021
5	Mr.A.Kondababu	FDP on “Antenna Design and RF circuit Simulation” conducted by Srinivasa Ramanujan institute of technology, Ananthapuram	10-07-2021 to 12-07-2021

6	Mr.A.Kondababu Ms.K.Divya Mahduri	FDP on “IPR Awareness and Patent Prosecution” conducted by Oriental Institute of Technology, Bhopal	13-07-2021 to 17-07-2021
7	Ms.Ch.V.Kiranmayi, Ms.K.Divya Mahduri	3 day Workshop on “CITATION TOOLS AND TECHNIQUES” organized jointly by Departments of Computer Science and Engineering and Information Technology, CVR College of Engineering	19-07-2021 to 21-07-2021
8	Ms.K.Divya Maduri	Mendeley Training Certification of Achievement”, Elsevier	19-07-2021 to 21-07-2021
9	Ms.K.Divya Mahduri	How to Write a Research Paper for Scopus / SCI / IEEE Journals, organized by Matterhere	01-08-2021
10	A.Kondababu	FDP on “Recent Advances in signal processing” conducted by JNTUK in collaboration with ATAL academy	02-08-2021 to 06-08-2021
11	Ms. K. Divya Mahduri	NBA Accreditation Process, Organized by Department of Mechanical Engineering, K. D. K. College of Engineering, Nagpur	23-08-2021 to 28-08-2021

## **FACULTY AWARDS**

<b>S. No</b>	<b>Authors</b>	<b>Award Details</b>	<b>Month &amp; Year</b>	<b>Name of the Publisher/Organization /Institute</b>
1.	Dr. N.R. Dhineshababu	Young Scientist Award-2021	June,2021	Institute of Researchers

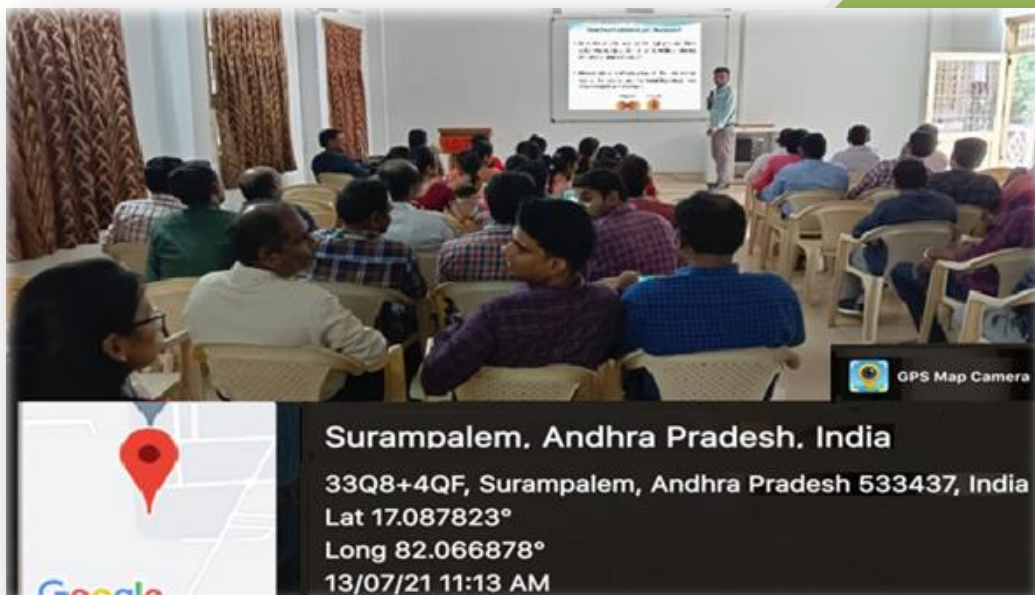
## **RESEARCH GRANT RECEIVED**



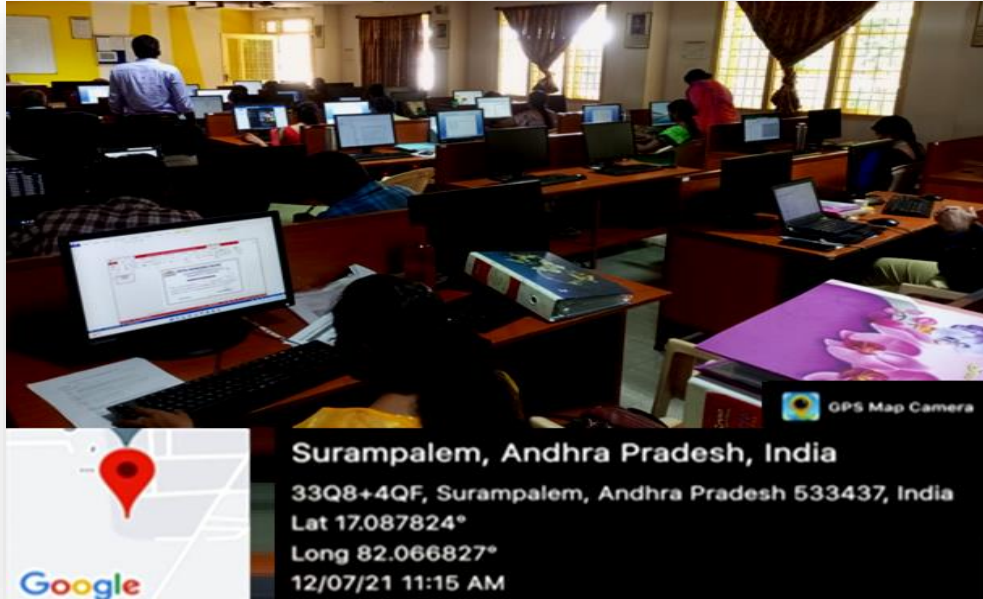
- Dr. Rajyalakshmi Uppada, Professor of ECE Department received a research grant of Rs. 8, 73, 667 /- under MODROB-Rural scheme from AICTE to purchase the three kits namely Satellite, Antenna and Doppler Radar equipment's. Project duration is from 12-02-2020 to 11-08-2022. This is to enrich the research activities in the department of ECE, Aditya Engineering College (A), Surampalem.

## DEPARTMENT ACTIVITIES

- A Five-Days “FDP on Recent Developments on MEMS, Actuators & Sensors” was conducted at Aditya Engineering College (A), by Dr. K.Suganthi, Assistant Professor (S.G), ECE, S.R.M University, Chennai during 13-07-2021 to 17-07-2021.



- A One Day “Workshop on “MSP530 Embedded Systems Platform” was conducted at Aditya Engineering College (A), Surampalem by Mr. Ravikumar C, Senior Advisor in Embedded & VLSI Testing, Texas Instruments, Bangalore on 12-07-2021.



## PLACEMENTS

24-08-2021

**ADITYA ENGINEERING COLLEGE (AUTONOMOUS)**  
 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**DXC TECHNOLOGY SELECTED STUDENTS**

 <b>Ms. LAKSHMI SATYA VENKATA DURGA</b> (18A91A0466)	 <b>Ms. D. PRATHYUSHA</b> (18A91A0475)	 <b>Mr. SAI PRAKASH</b> (18A91A0477)	 <b>Mr. CH. VINEELA GOPI</b> (18A91A0480)	 <b>Mr. K. VEDA SRUJANA REDDY</b> (18A91A0487)
 <b>Mr. N. VASU</b> (18A91A0498)	 <b>Ms. P. KAMALA HARSHITHA</b> (18A91A04A6)	 <b>Mr. T. HARI SRI DURGA PRASAD</b> (18A91A04B6)	 <b>Mr. V. ANVITHA</b> (18A91A04B8)	 <b>Ms. M. DHANA LAKSMI</b> (19A95A0411)

\*\*\* Congratulations \*\*\*

ADITYA ENGINEERING COLLEGE (AUTONOMOUS)  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



SELECTED STUDENTS



N. VENKATA SAIRAM

18A91A04G3



O. PRASANTH KUMAR

18A91A04G6



P.SAIACHYUTH

18A91A04H0



R.V. SAI KRISHNA

18A91A04H1



SANKISA ANIL KUMAR

18A91A04H4



SYED BHANU AKTHARUN

18A91A04H6



VELPURI NITHIN BALAJI

18A91A04H7



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Staff & Students

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



SELECTED STUDENTS



MELLIMI SANKEERTHANA

18A91A04F8



UPPALAPATI PADMA

18A91A04N4



KAGITA VARUN

18A91A04J8



N.S. G. SUMANTH VARMA

18A91A04L7



V.V. S. S. RAJYALAKSHMI

18A91A04N5



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SELECTED STUDENTS



MEDAPATI RITESH REDDY

18A91A04F6



SYED BHANU AKTHARUN

18A91A04H6



YAMAJALA NAGA PRANATHI

18A91A04H9



PERURI MOHANA SATYA

18A91A04M3



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## **EDITORIAL BOARD**

### **Editor-in-Chief**

**Dr.M.Sreenivasa Reddy, Director**

## **FACULTY**

**Dr. G.Sridevi, Professor & HOD**  
**Mr.V.Satyanarayana, Assistant Professor**  
**Mrs.G.Jyothirmai, Assistant Professor**  
**Mr. Bhagat Kumar, Assistant Professor**

## **STUDENTS**

**P.Sai Achyuth IV B.Tech**  
**G.Tarun IV B.Tech**  
**P. Dhanunjay III B.Tech**  
**Praveen III B.Tech**  
**Sai Teja III B.Tech**  
**G.Jyoshna III B.Tech**  
**M.Surya Swamy III B.Tech**  
**T.D.K.V.V.S.Sairam II B.Tech**  
**V.Edukondalu II B.Tech**