



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 THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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 and established as one of the major departments of the institute.

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 Springer, 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 center of excellence in the field of Electronics and Communication Engineering with technological capability, professional commitment and social responsibility.

MISSION OF THE DEPARTMENT

M1: Provide quality education, well-equipped laboratory facilities and industry collaboration.

M2: Promote cutting edge technologies to serve the needs of the society and industry through innovative research.

M3: Inculcate professional ethics and personality development skills.

FACULTY PUBLICATIONS: JOURNALS

S. No	Name of the Author	Title of the research paper	Name of the journal	Name of the Publisher	Year of publication	Impact factor
1	Dr.P.Suneetha.	Smart Surveillance System using computer vision methods for smart Cities with IoT enabled Networks	Journal of Neuro Quantology Volume 20 and Issue 10	scopus journal	2022	2.67
2	D.V.N.Koteswara Rao	A Compact SWB-CSF Antenna for Millimeter Wave Wireless Application	International Journal Vol.43, 514-526, H index: 62.	Journal of Infrared, Millimeter and Terahertz waves, SCIE (Springer).	September 2022.	-
3	Mr.Krishnapriya, Mr.G.Rama Naidu, Mr.Amit Kumar Shrivastava	High Liquid Absorbent MultiFunctional Robotic Mop for Effective Cleaning	TEMP/E1/661 34 /2022-CHE 2022-10-08	AEC robotics	Oct 2022	Wos
4.	Mr. P. Bujjibabu	Design and Application of silicon on insulator based SiGe VTFET in IIR Filter by balanced Truncation (BT) Method of model order Reduction	International JournalSilicon	Silicon	Sept 2022	SCIE

AWARDS RECEIVED

S. No	Authors	Award Details	Month & Year	Name of the Publisher/ Organization /Institute
1.	Dr. Yashu Swami	Best Teacher Award-2022	September, 05, 2022	Jawahar Navodaya Vidyalaya
2.	Dr. U.Rajya Lakshmi	"Best ECE Teacher of the Year Award" by - Tutor Pride	October 2022	Ideal Teaching Award Programme (ITAP)

FACULTY AS A GUEST LECTURER/ CHAIR PERSON/ COMMITTEE MEMBER

- Dr. U.Rajya Lakshmi Acted as **Session Chair** for International Conference on Recent Developments in Electronics and Communication Systems (RDECS) - 2022 at AEC.
- Dr. U.Rajya Lakshmi Presented a talk on “**Remove Laws that Harm & Create Laws that Empower**” at (AEC), onZero Discrimination Day 2022.
- Dr. Yashu Swami, Acted as Session Chair at AICTE Sponsored International Conference on Advances in Computer Engineering and Communication Technology, ICACET-2021 held on 22nd & 23rd October, 2021..

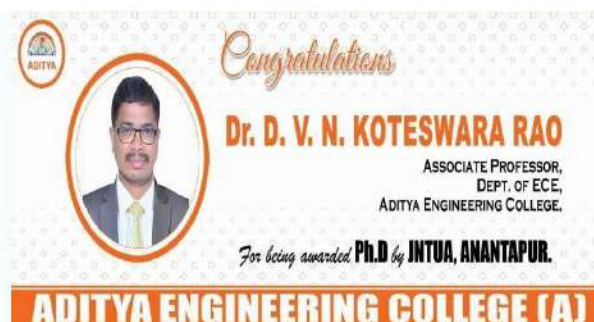
DEPARTMENT ACTIVITIES

- Giving send off to Dr. Babu Linkoon by the Dept of ECE for getting Post Doctorate at Belgium.



PHD AWARDED

- Dr. D.V.N.Koteswara Rao, Associate Professor, Dept. of Electronics and Communication Engineering has been awarded Doctor of Philosophy entitled “**Design and Development of Ultra Wideband Antennas with Band Notch Characteristics**” from JNTU University Anantapur in the specialization of Antennas.



STUDENT ACTIVITIES

K.Guna Sekhar 20A91A0427 of ECE-A participated in MonoAction and got II Prize at Satkalavahini District Youth Festival Kakinada.



An Innovative Project done by the students of ECE to detect rain using Arduino-Uno.



A.LAKSHMISNEHA 20A91A0401
A.S.V.G.S.SANDHYA 20A91A0402
B.NITYASAHITHI 20A91A0408
G.BHAGYA DEEPIKA 20A91A0413

- **Dr. Manikanta Reddy Karri**, Sr. Systems Design Engineer AMD, Hyderabad given A Five Day Training Programme on Digital Design through HDL to 108 Students of ECE.




- **M.Uma Maheswara Rai**, Trainer at AMD Hyderabad given A Six Day Training Programme on Hands on PCB Design to 180 Students of ECE.



PLACEMENTS

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

 **SELECTED STUDENTS**

 A.M.S.NARASIMHA GOWD (19A91A04D0)	 A.HIMASAI (19A91A04D1)	 E.YASHWANTH (19A91A04E3)	 K.SREE HARSHA (19A91A04G0)	 M.RUKUMAN (19A91A04G6)
 K.RAVIKISHORE (19A91A04L3)	 T.MANJU (19A91A04O3)	 B.SUNIL HANIKANTA KUMAR (20A95A0414)	 I.SYAM (20A95A0421)	

*** *Congratulations* ***

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