



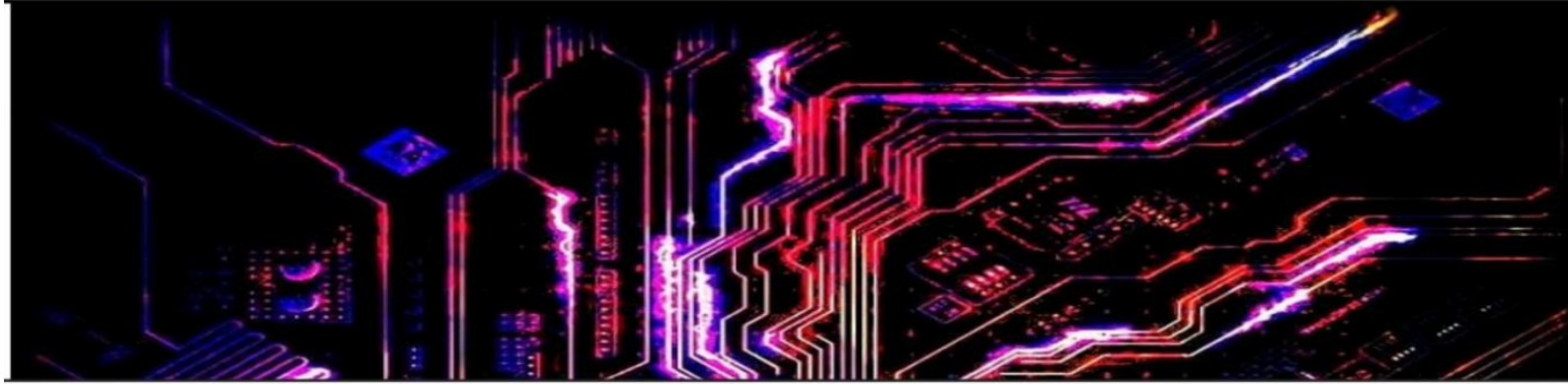
SENSETRONICS

• NEWS LETTER •

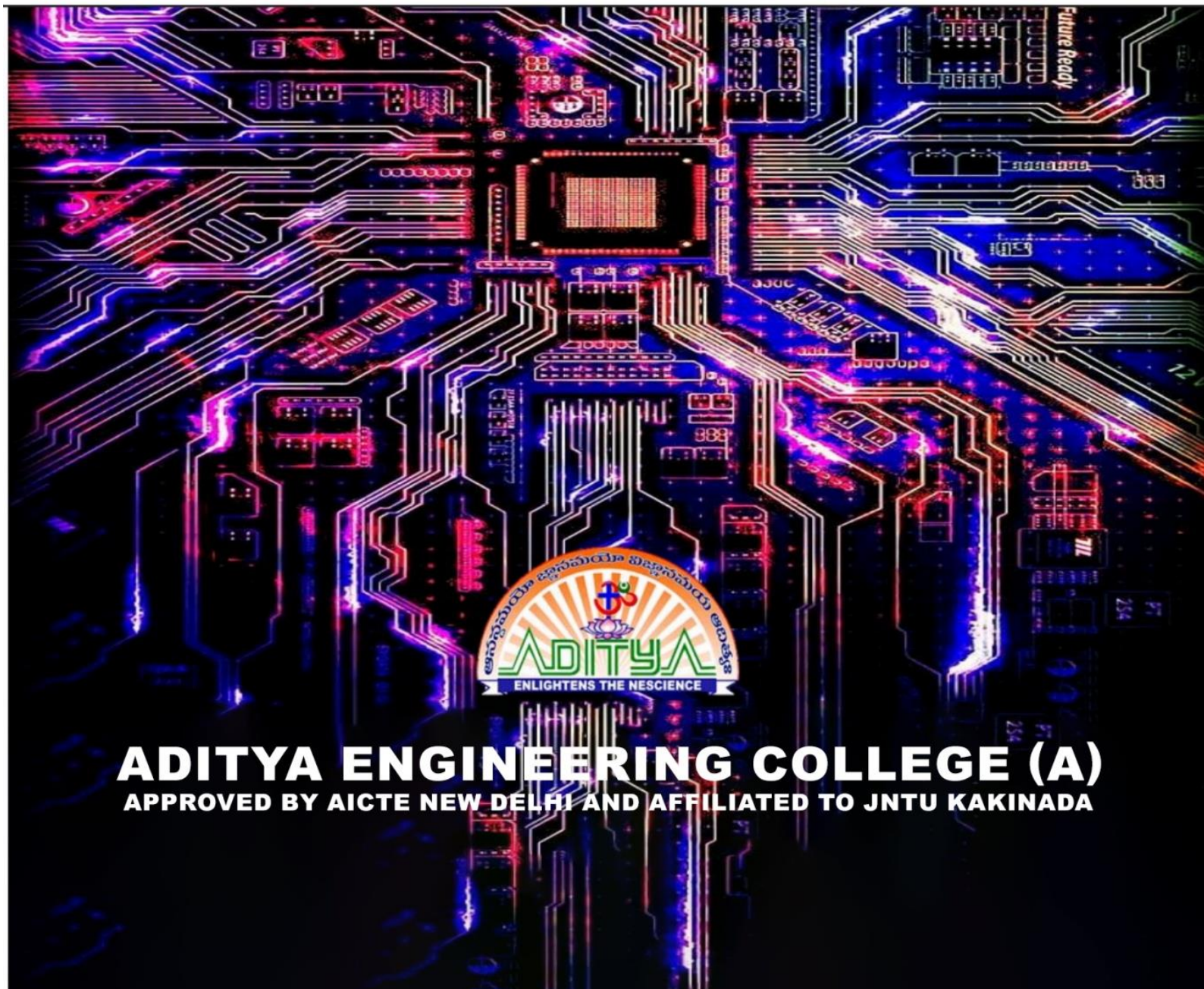
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



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

MISSION OF THE DEPARTMENT

- Provide quality education, well-equipped laboratory facilities and industry collaboration.
- Promote cutting edge technologies to serve the needs of the society and industry through innovative research.
- Inculcate professional ethics and personality development skills.

**FACULTY PUBLICATIONS:
JOURNALS**

S. No	Authors	Title of the research paper	Name of the journal	Name of the Publisher / ISSN Number	Year of publication	Impact factor
1	Dr. N. R. Dhineshababu	A study of linear optical properties of ternary blends PVA/CMC/aloe vera biofilm for UV shielding	Applied Nanoscience (Switzerland)	2190-5517	11-Nov	SCOPUS
2	Mr. A. Sudheer, Mr. M. Swamy, Dr. M Rajasekhar	Wideband Characteristics of Antenna : A succinct study	ADALYA Journal	1301-2746	9-Nov	WOS
3	Mr. Polina Sandeep, Ms. Siddu Pragathi, Ms. Paturi Satya Mounika, Mrs. Katta Pavani	Performance Study of Efficient Hybrid Architecture of 1-bit Full adder circuit	ADALYA Journal	1301-2746	9-Nov	WOS
4	Ms. G. Bharathi, Ms. G.B. Lakshmi Priyanka, Mr. T. Srinivasa Rao	A Systematic review on glaucoma detection by using various modern techniques	ADALYA Journal	1301-2746	9-Nov	WOS
5	Ms. P. Yamini Srilakshmi Amulya, Ms. V. Sai Mounika, Ms. M. Sandhya Devi, Mr. S. Krishna	Study of IoT and Cloud-based smart farming approaches	Studia Rosenthaliana	1781-7838	12-Nov	WOS
6	Ms. M. Sonika, Mr. S. B. G. Tilak Babu	Analysis of Channel coding performance for wireless communications	Studia Rosenthaliana	1781-7838	12-Nov	WOS

DEPARTMENT ACTIVITIES

- A 5 days Workshop on “**Digital Design using Cadence Tool**” organised on 09-11-2021 to 13-11-2021, at Aditya Engineering College (A), by Rajiv V.K, Senior Director, Dhanya Menon, Technical Trainer Test Engineering at Tessolve Semiconductor Pvt.Ltd, to make the students learn the technologies how to design digital system with considering design metrics.



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