

# AMPERE

## NEWSLETTER

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**ADITYA ENGINEERING COLLEGE**

**APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO JNTUK**

Aditya Nagar, ADB Road, SURAMPALAM-533437, Near Kakinada, E.G. Dist., ph: 99498 76662

Recognized by UGC under the sections 2(f) and 12(B) of UGC act 1956

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# ABOUT OUR DEPARTMENT

Established as one of the major departments of the Institute, the Department of Electrical and Electronics 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. Students are provided internship programs in various power plants and industries like Reliance, SAIL, HPCL, GMR, GVK, VTPS, Vizag steel plant, ONGC, APGPCL, APEPDCL etc.

The department spares no expense to equip the labs with latest equipment like Three phase AC Integrated Machine, DC Integrated Machine, Wireless Transmission of Electric Power using Tesla Coil and technical software like MATLAB & P-Spice.

## VISION OF THE DEPARTMENT

To excel in electrical education, research, and technology in tune with societal needs.

## MISSION OF THE DEPARTMENT

### MISSION 1 :

Impart quality education and entrepreneur skills.

### MISSION 2 :

Provide cutting edge technologies for research and sustainability in collaboration with industry.

### MISSION 3:

Nuture professional ethics and lifelong learning in tune with societal needs.


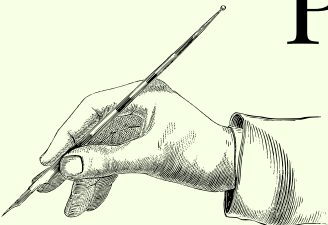




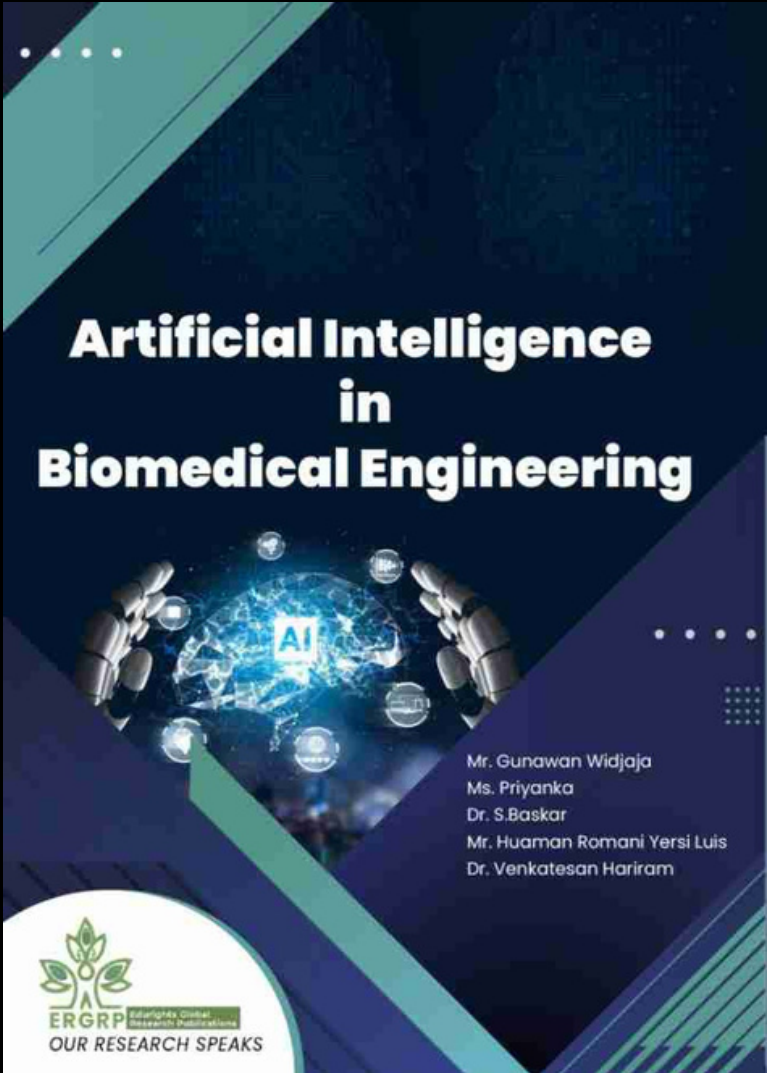
JUNE - AUGUST 2022

# PUBLICATIONS

EEE DEPARTMENT



## Artificial Intelligence in Biomedical Engineering



Mr. Gunawan Widjaja  
Ms. Priyanka  
Dr. S.Baskar  
Mr. Huaman Romani Yersi Luis  
Dr. Venkatesan Hariram

  
ERGRP  
OUR RESEARCH SPEAKS

### International Journal

K. Bapayya Naidu, "An Effective Sustainable Control of Brushless DC Motor using Firefly Algorithm – Artificial Neural Network based FOPID Controller", Sustainable Energy Technologies and Assessments, Vol.52, Aug 2022. [IF 7.63, SJR 1.36, H- Index 48]

<https://www.sciencedirect.com/science/article/abs/pii/S2213138822001497>

### Text book publications

Dr.K.V.S.R.Murthy from our department had recent written the "Artificial Intelligence in Biomedical Engineering " and it was published by Edurights Global Publishers, Chennai on Jun-22 9788195678020



## *IEEE PROJECT EXPO 2K22*

# PROJECT EXPO2K22

IEEE Student Branch of Aditya Engineering College(A) organized the Project expo 2k22 in the 2022 in this many student participated by working on different projects related to topics Electrical, Electronics, Communication, computers, etc.. In this project expo students initially registered their names for the competition and then they worked on those projects. On 22 June 2022 all the projects were exhibited at the seminar hall and NETWORKS lab students from all colleges of Aditya Engineering Institutions visited the projects done by the students on various Arduino, Raspberri Pi and other IOT based things. Few projects are based on the communication techniques, In each project the team of 4-6 members explained the students about the concept and working of the project. More than 30 projects were registered and more than 25 projects were completed by that day and are exhibited . In the end the projects were awarded with scores from Principal Dr.M.Sreenivasa Reddy, Dean R&D Dr.K.V.S.Ramachandra murthy, Dean Student affairs Mr.J.D.Venkatesh and Dr.V.Srinivasa Rao Hod Electrical and Electronics Engineering in the end all scores were calculated by the IEEE Student Branch members and prizes were awarded to the winners.



## PLACEMENTS



Name of The Student	Roll no	Company Placed	Salary Package
YENTRI ARJUN	20A95A0252	Surya Tech Solutions	2.92 LPA
CHALLA RAMAKRISHNA MANIKANTA PRASAD	20A95A0209	India Cements	3.00 LPA
JETTI BALANAGU	20A95A0219	India Cements	3.00 LPA
Badri Venkat Neeraj	18A91A0203	Value Momentum	4.00 LPA
Kaki Nanda Sai Kiran	19A91A0224	Value Momentum	4.00 LPA
Shekar Paravada	19A91A0243	Hexaware Technologies	4.00 LPA
Pemmanaboina Veera venkata satya Manikanta	19A91A0244	Hexaware Technologies	4.00 LPA
Pusarla Sai Phani Sashank	19A91A0248	Value Momentum	4.00 LPA
Lakshmi Narasimha Dasari	20A95A0214	ZenQ	4.00 LPA
KUMAR SRI TEJA KADULURI	20A95A0220	MagikMinds	4.00 LPA
Veera venkata rakesh Mortha	20A95A0232	Hexaware Technologies	4.00 LPA



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Name of The Student	Roll no	Company Placed	Salary Package
KUMAR SRI TEJA KADULURI	20A95A0220	MagikMinds	4.00 LPA
Veera venkata rakesh Mortha	20A95A0232	Hexaware Technologies	4.00 LPA
Pokuri Venkata Sai Teja	20A95A0238	Value Momentum	4.00 LPA
BANGARU BHAVANNARAYANA	19A91A0206	DXC Technology	4.20 LPA
DASARI VINEETH	19A91A0213	DXC Technology	4.20 LPA
JONNADA DURGA SATISH	19A91A0223	DXC Technology	4.20 LPA
KUSUM KIRAN BHARTI	19A91A0234	DXC Technology	4.20 LPA
MALLIDI DEVIKA REDDY	19A91A0235	DXC Technology	4.20 LPA
MURAMALLA SUPRIYA	19A91A0240	DXC Technology	4.20 LPA
PARAVADA SHEKAR	19A91A0243	DXC Technology	4.20 LPA
PISINI SATHISH	19A91A0246	DXC Technology	4.20 LPA
TARLAPU VEERA VENKATA SAI LAKSHMAN	19A91A0255	DXC Technology	4.20 LPA

# EDITORIAL BOARD

## EDITOR-IN-CHIEF

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**Dr.K.BAPAYYA NAIDU**, Associate Professor



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