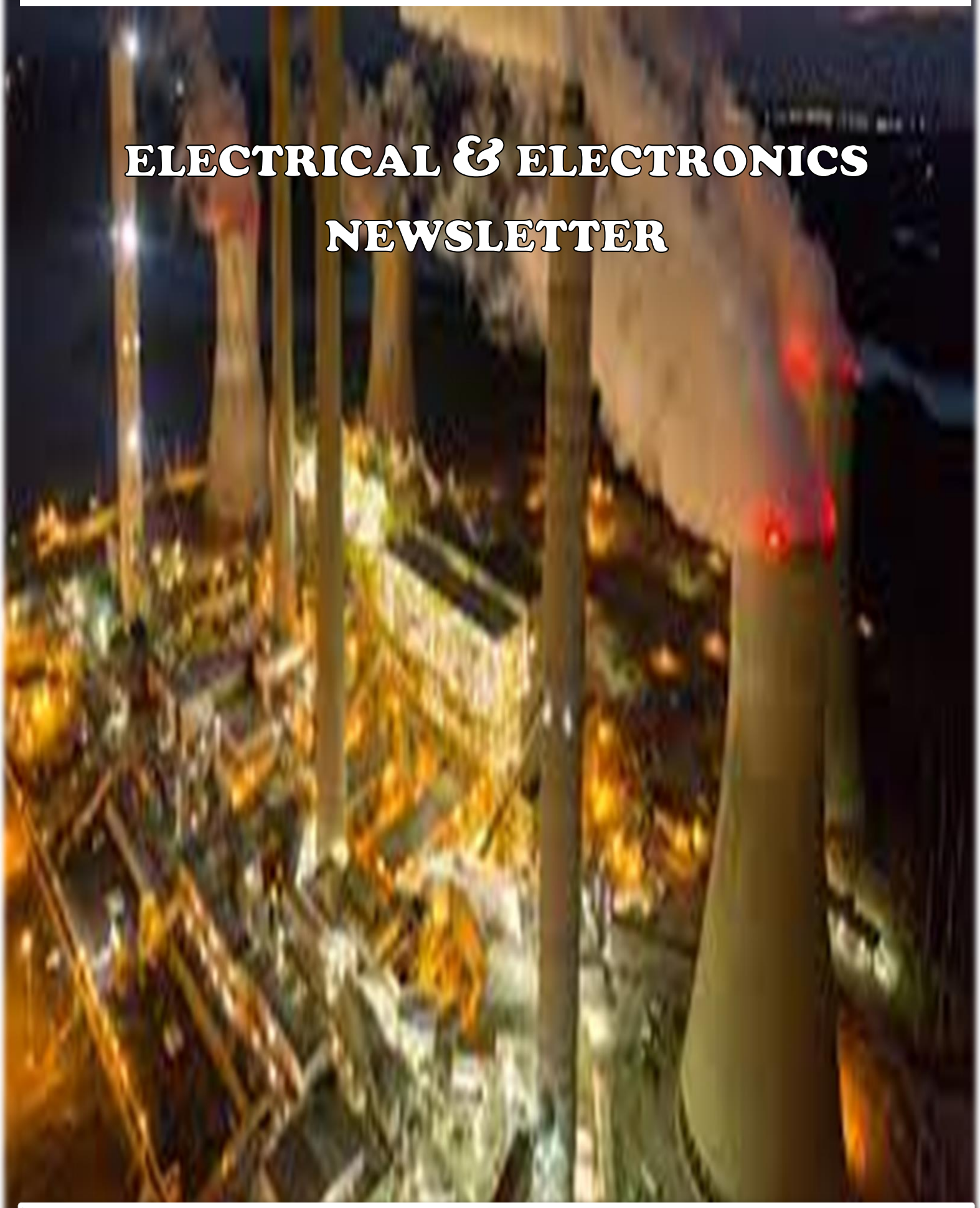
ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ELECTRICAL & ELECTRONICS NEWSLETTER



VOLUME-III ISSUSE-II 20-21

Mr. RAJESH MURAI, HEAD OF THE DEPARTMENT

ELECTRICAL & ELECTRONICS

NEWS LETTER

VOLUME - III ISSUE- II 20-21

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ASST.PROFESSOR

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18P35A0245…B. Ganesh

18P35A0221….K. Anil Kumar

Dr.N.SESHA REDDY

Chairman

I believe in the philosophy of thought, word and deed as eternal which made Aditya what it is today.I began my career as a lecturer, giving up my desire of qualifying in the Service Commission Examination. Out of my despair was born a strong determination which took shape of Aditya Educational Institutions. The present-day job market poses fresh challenges that need to be managed innovatively. I know the value of a good education, more so because I did not have the benefit of the facilities that make the learning process smooth.

I wish you all the Best

The ultimate aim of Aditya is to make the campus the 'first stop' for companies in the recruitment process. In this regard training and placement cell takes utmost care to groom students according to the needs of the industry. Keeping in view the demands of the work environment which is beyond just knowledge and marks, a lot of emphasis laid on the overall. Personality development of the students. Campus, has been established to offer professional education in engineering, technology, management and pharmacy with the core concept of quality and excellence.

Dr.N.SATISH REDDY

Vice-Chairman

Sri.N.DEEPAK REDDY

Secretary

"You don't have to be great to start, but you have to start to be great." People who feel good about themselves produce good results and people who produce good results feel good about themselves. As we look to the future, one thing is certain – knowledge will be a key resource and will be highly sought-after around the world. To meet this, Aditya primarily focuses on educating and training students to work in fields where they will be valued both for their specialized knowledge and for their ability to research, communicate and solve problems.

From Principal's Desk

Dr.T.K.Rama Krishna Rao

Principal, ACET

It is only through knowledge that man attains immortality. Knowledge has to expand or grow to remain knowledge. The road to excellence is toughest, roughest and steepest in the Universe. The world requires and honours only excellence. Available information has to be directed by wisdom and intelligence to create new knowledge. Promotion of creativity is the new role of education. It is only through creative thinking that the present and future problems can be addressed to find dynamic solutions.

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY (ACET)

The Institute has started in the year 2004 with name ' **Sri Sai Aditya Institute of Science and Technology**' which is now renamed as ' **Aditya College of Engineering and Technology** '.The College is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem. The College has four academic Buildings with a total carpet area of 44,524 Sq. Mts. apart from two boys hostels and one girls hostel buildings The college proudly offers **6 UG** and **8 PG** programs in **Engineering**, MCA, MBA with 15 years of rich standing in the educational era. The college proudly offers **6 UG** and **8 PG** programs in **Engineering**, MCA, and MBA with 15 years of rich standing in the educational era.

DEPARTMENT VISION& MISSION

Mr. M.Rajesh
Head of Department
EEE

Vision

To be recognized as leader in education, training, and research

Mission

• Provide state-of-art infrastructure to impart technical skills in the frontier areas of electrical and electronics engineering

• Enable innovative teaching and learning process with collaboration.

• To raise professionals, academicians, researchers, and entrepreneurs with a passion for solving societal problems.

ABOUT THE DEPARTMENT

The Department was established during the inception of the institute in 2004 as the department of Electrical and Electronics Engineering (EEE). Since its commencement, the primary objective of the department is to impart quality education, training and research at the undergraduate level in various areas of Electrical and Electronics Engineering with broad emphasis on design aspects of electrical systems. The major areas of faculty expertise of the department include Power Electronics and Drives, Power Systems & Control Systems. The department has adequate teaching faculty having varied fields of specialization in Electrical Engineering. The faculty is engaged in active research in the areas of Power System Optimization, Adaptive Power System Stabilizers, Hybrid Power Systems, Power Electronic Drives, and Large Scale Uncertain Systems.

The Department consists of various laboratories equipped with the new technological set ups giving the scope to all students having a hands on experience individually, which will increase their confidence to face the practical problems in the field of Electrical Engineering. With the ever growing demand of Electrical Engineers in all sectors, the EEE Department is making best efforts to give the society highly knowledgeable, trained and capable engineers who have hands on experience and would be ready to face challenges of the real world.

FACULTY CORNER

CONFERENCES

SNo.	Name of the Faculty	Title of the Paper	Name of the Conference	Date
1	B.Rajani	Renewable source DC micro grid connected BLDC water pumping system with adaptive control techniques	4th International Conference on Electronics, Communication and Aerospace Technology - ICECA 2020	5-7th November 2020
2	Vemana U.P. Lavanya	"Performance analysis of VSIfed single-phase induction motor using fixed pulse width modulation techniques	INDISCON 2020	Oct 3rd 2020
3	R Venkatesh	Design and analysis ofAC-DC power factor correction converter	6th International Conference for Convergence in Technology (I2CT-2021),	Oct 11 2020
4	R Venkatesh,	Study of Selective Harmonic Elimination Technique in Single-phase Voltage Source Inverter	6th International Conference for Convergence in Technology (I2CT-2021),	Oct 11 2020

BOOK CHAPTERS

SNo.	Name of the Faculty	Title of the Book Chapter	Name of the Publisher	ISBN Number
1	K.R.K.V Prasad	Optimal allocation of AVR and DGs in distribution system using HSA	NCCS-2020	DoI:10.1007/978-981-15-5546-6_45

PUBLICATIONS

S.No	Name of the Faculty	Title of the Paper	Name of the Journal	Vol/Month	Index No UGC/ Scopus
1	Rajani Boddepalli,	Inspection of dynamic power in micro-grid system during impedance-based compensation	Materials Today:Proceedings	October 2021	SCOPUS
2	K.R.K.V.Prasad,	A multi-objective approach renewable distributed generator units placement considering generation and load uncertainities	IJEEE (springer-ESCI)	October 2021	ESCI
3	K Varalakshmi	Study of direct torque control scheme for 3-phase induction motor	Studia Rosen thaliana	Vol-12/october-2020	WOS
4	V U P Lavanya	Stability analysis of integer order interval system using Kharitonov Theorem	Studia Rosen thaliana	Vol 7,Issue 10,october 2020	UGC
5	M.P.Subbaraju	Comparative analysis of two-level and multi-level inverter	Adalya Journal	Volume 9,issue9	UGC

PATENT DETAILS

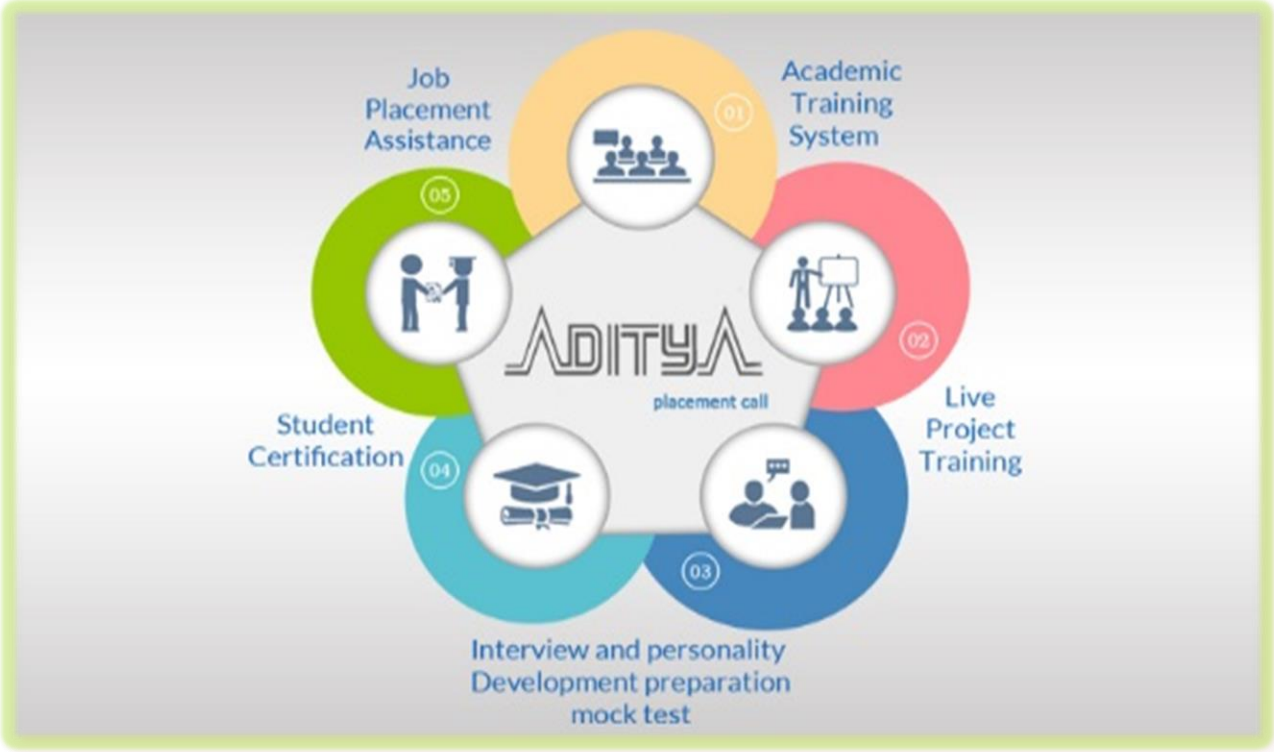
SNo.	Name of the Faculty	Patent details	Filing agency
1	Dr. B.Rajani	Smart Spectacles with Display and Reminder Techniques	IP Australia Application No:2021105809
2	Dr. B.Rajani	A Connected Module for a VLSI circuit with a Battery Pack	IPR Application No:202141043814A

WORKSHOP/SEMINAR ORGAINSED

SNo.	TITLE OF WORKSHOP/SEMINAR	ORGANISED DATE
1.	Engineering Exploration Project	13-11-2020 to 15-11-2020
2.	Dynamic Wireless charging System for EV	05-10-2020

TRANING PROGRAM'S

SNo.	Name of the Training Programme	ORGANISED BY	DATE	VENUE
1	CYBER SECURITY OPERATIONS(CYBER OPS)	THUB	23-09-2021 TO 13-11-2021	ACET
2	MTA- WEB DESIGN	THUB	21-10-2021 TO 27-12-2021	ACET



PLACEMENT RECORD

S.NO	ROLL.NO	NAME	DESIGNATION	COMPANY NAME	CTC
1	17P31A0209	D. Manikanta	Trainee Engineer	Surya Tech Solutions	3.12LPA
2	17P31A0210	Garaga Siva Ramakrishna	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
3	17P31A0215	Kola Sivakrishna	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
4	18P35A0208	Dhoni Venkata Laxmi Narasimha Murthy	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
5	18P35A0215	Kasi Saiprakash	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
6	18P35A0216	Katta Udaya Bhaskar	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
7	18P35A0218	Kola Suresh	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
8	18P35A0219	Kontham Tharun	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
9	18P35A0222	Maddala Nani	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
10	18P35A0230	Palakati Jaya Krishna	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
11	18P35A0237	Vadisela Yugandhar Kumar	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
12	18P35A0261	Ivvala Uttej	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
13	18P35A0271	Pepakayala Manikanta	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
14	18P35A0280	Yellaboyina Pavan Teja	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA
15	18P35A0269	Madhavareddy Kranthi Kumar	Graduate Engineer Trainee	Hyoseong Electric	1.68LPA

Co Cubes, AMCAT & e LITMUS (Nation wide employability tests)

- Aon's Assessment Solutions (formerly Co Cubes) is a world leader in the design and implementation of innovative online tests, questionnaires and gamified assessments for recruitment, selection and development, delivering 30 million assessments each year in 90 countries and 40 languages. Co Cubes is the acronym for Connecting Colleges Companies.

- The AMCAT(Aspiring Minds Computer Adaptive Test) which measures job applicants on critical areas like communication skills, logical reasoning, quantitative skills and job specific domain skills thus helping recruiters identify the suitability of a candidate.
- While most aptitude tests only measure a test taker's verbal comprehension and reasoning abilities, the AMCAT additionally evaluates personality traits and domain skills, thus becoming an ideal test to match jobs to candidates.
- Post the test, AMCAT also helps match candidates with suitable jobs based on their pe Litmus has been redefining how fresher and entry-level recruitment is done in India. Our proprietary pH Test evaluates job seekers. On the basis of a variety of parameters and grades them nationwide using an advanced statistical model, resulting in a pH Score for each candidate.
- They provide an extensive range of online tools. These tools help recruiters to easily screen and select candidates based on this and dozens of other parameters.
- Our college is tied up with these third party vendors apart from CRT, T-Hub and Placement wing (Ajivika) with reasonable price for students so that they can write these tests, if they get good scores in these exams they(company recruiters) will directly give interview schedule without any further online exams.

List of companies selected:

DXC TECHNOLOGY

AZTEC PROCESS AUTOMATION (P) LTD

Cognizant Technology Solutions

GSPANN™

TESSOLVE

Atos GLOBAL™

Sunschool®

zoloSTAYS

HI-TECH ARAI LIMITED ATES-HTA

sts SURYA TECH SOLUTIONS

HS HYOSEONG ELECTRIC CO., LTD.

KWANGJIN

RONCH POLYMERS PVT LTD

Innovating Smart Possibilities!

GALLERY


Peddapuram, Andhra Pradesh, India
Peddapuram Burugupudi Rd, Chadalada, Peddapuram, Andhra Pradesh 533437, India
Lat 17.081718°
Long 82.126269°
01/12/21 11:34 AM
Google


ADITYA
COLLEGE OF ENGINEERING & TECHNOLOGY

CONGRATULATIONS

ADITYA COLLEGE OF ENGINEERING& TECHNOLOGY

III B.TECH - I SEM EEE TOPPERS (2018– 22)

19P35A0205

19P35A0287

18P31A0210

18P31A0204

19P35A0201