

# **ELECTRICAL & ELECTRONICS**

## **NEWSLETTER**



**VOLUME-IV**

**ISSUSE-III**

**21-22**

**Mr. RAJESH MURARI, HEAD OF THE DEPARTMENT**





# ELECTRICAL & ELECTRONICS

## NEWS LETTER

VOLUME - IV ISSUE- III

21-22

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Mr. M. RAJESH M. TECH (Ph.D.)  
ASSOCIATE PROFESSOR  
H.O.D., EEE  
Chief Editor

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ASST. PROFESSOR

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19P35A0231... P. DURGABABU

20P35A0204... C. SAI RAM



Dr. N. SESA 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.



Sri. 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.



## Member of External Bodies/Agencies

S.no	Name of the Faculty	Name of the Course	Certification
1	Dr.B.Rajani	IJERT journal	Reviewer
2	Dr.B.Rajani	ASIANCON	Session chair
3	Dr.B.Rajani	SMART GENCON	Reviewer
4	Dr.B.Rajani	(TEMSMET) 2021 IEEE Conference Number: #5351	Reviewer
5	Dr.B.Rajani	IFERP MEMBERSHIP	LIFE TIME MEMBER
6	Dr.B.Rajani	Panel of Expert for conducting of Asst.professor Ratification	Expert

## Guest Lecture Invited

Sl. No.	Name of the Faculty	Name of the external body/ Agency	Invited Organization/ institute
1.	Dr. K R K V Prasad	Design of Electrical and electronics circuits using matlab Applications”	BABA Institute of Technology and science
2	Mrs.K.Vara Lakshmi	Applications of PowerElectronics	Andhra Loyola College (Autonomous) Vijayawada



**Research Publications (Journals)**

S.No	Author	Title of the Paper	Name of the Journal	Index No UGC/ Scopus
1	B. Rajani	An optimal energy management among the electric vehicle charging stations and electricity distribution system using GPC-RERNN approach.	ENERGY	SCI
2	B. Rajani	Investigation on load harmonic reduction through solar-power utilization in intermittent SSFI using particle swarm, genetic, and modified firefly optimization algorithms	Journal of intelligent & Fuzzy systems	SCIE
3	B. Rajani	Optimally detecting and classifying the transmission line fault in power system using hybrid technique	ISA Transactions the journal of Automation	SCI

**Seminars, and Workshops Organized**

S. No.	Type of Event	Title of Event	Name of the Coordinator	Resource Person Details
1.	FDP	RECENT ADVANCEMENTS AND RESEARCH OPPORTUNITES IN ENERGY SECTOR	Dr.B.Rajani Professor EEE department	DR.SRI NIWAS SINGH,PROFESSOR,DEPT OF EEE IIT KANPUR
2.	SEMINOR	INDUSTRIAL AUTOMATION WITH VFD DRIVES	Dr.B.Rajani Professor EEE department	K SIVARAMA REDDY INDUSTRIAL AUTOMATION WITH VFD DRIVES ASSISTANT MANAGER



**Prof Society memberships**

Sl. No.	Name of the Faculty	Name of the Professional Society	Membership Number	Life/Annual
1	Dr.B.Rajani	IAENG Membership	220416	Life Member
2	Dr.B.Rajani	ISTE	LM- 125467	Life Member
3	Mr.S.Reddy Ramesh	IEI	AM163270-4	Associate Member
4	Mr. V.Rama Krishna	IEI	M-163863-1	Life Member
5	Dr.K. R. K. V. Prasad	IEI	M-1534275	Life Member
6	Dr.B.Rajani	IEI	AM3009575	Associate Member
7	Mrs.S.Vani	IEI	AM1632720	Associate Member
8	Mrs.S.Vani	IAENG	298951	Life Member
9	Mr.Abhisekh Anand	IEI	AM3022644	Associate Member
10	Mrs.K.Varalakshmi	IAENG	298945	Life Member
11	Mrs.K.Varalakshmi	IEI	AM300559	Associate Member
12	Mr.Murari Rajesh	ISTE	LM-101842	Life Member
13	Mr.V.Rama Krishna	IEI	M163863-1	Life Member
14	Mrs.V.U.P Lavanya	IAENG	298943	Life Member
15	Mrs.V.U.P Lavanya	IEI	AM163268-2	Associate Member
16	Mr.R.Srinivas	IEI	AM3009435	Associate Member
17	Mr. V.Rama Krishna	IAENG	298947	Associate Member
18	Mr.M.P.subba Raju	IEI	AM163355-7	Associate Member
19	Mr.M.P.subba Raju	ISTE	LM-101846	Life Member



## RATIFIED FACULTY LIST

Sl. No.	Name of the Faculty	RATIFIED UNIVERSITY	DESIGNATION
1	Dr.B.Rajani	JNTUK	PROFESSOR
2	Mrs.K.Varalakshmi	JNTUK	ASST. PROFESSOR
3	Mr.Abhisekh Anand	JNTUK	ASST. PROFESSOR
4	Mr. V.Rama Krishna	JNTUK	ASST. PROFESSOR
5	Mr.R.Srinivas	JNTUK	ASST. PROFESSOR
6	K.Venkateswara rao	JNTUK	ASST. PROFESSOR
7	K.Ravi kumar Reddy	JNTUK	ASST. PROFESSOR
8	K.Prabha Rani	JNTUK	ASST. PROFESSOR

## FACULTY AWARDS

S. No.	Name of the Faculty	Name of the Fellowship	Awarded by	International/National/ State/ University Level
1	R.Srinivas	NPTEL as “Active SPOC based on Performance & Participation of Candidates	NPTEL	National



## TRAINING PROGRAM'S

SNo.	Name of the Training Programme	ORGANISED BY	DATE	VENUE
1	AI-techniques	THUB	04-11-2021 To 09-03-2022	ACET
2	SKILL UP	THUB	03-02-2022 To 10-05-2022	ACET
3	BECOME A CODER	THUB	11-02-2022 To 18-05-2022	ACET





## INTERNSHIP TRAINING

S.No	Roll Number	Name of the student	Place
1	19P35A0256	ERRA SAI KUMAR	HINDUSTHAN SHIP YARD
2	19P35A0262	KAMIDI SRI RAM	HINDUSTHAN SHIP YARD
3	19P35A0271	MASARAPU SRI RAMULU	HINDUSTHAN SHIP YARD
4	19P35A0279	PENTIPATI SANDEEP	HINDUSTHAN SHIP YARD
5	19P35A0284	SOLLETI TARUN	HINDUSTHAN SHIP YARD
6	19P35A0290	S.DHANUNJAYA	HINDUSTHAN SHIP YARD

## NSS & CULTURAL ACTIVITIES

S.NO	NAME OF THE ACITIVITY	DATE
1.	Distribution of Grocery Kits to Needy	20-05-2022
2.	Energy Drinks and Food Distribution to Front end Warriors	17-04-2022
3.	7 day Camp at Aanuru Village	03-03-2022
4.	Women's Day	08-03-2022
5.	Heritage Day	20-03-2022



## PLACEMENT RECORD

S.No	Roll No.	Name	Selected Company-1(Package)
1	19P35A0234	Padala Vishnu Padma	Hyoseong Electric(1.86 LPA)
2	19P35A0235	Anji Puppala	Wipro(3.75 LPA)
3	19P35A0236	Rowthu Ravi Sai Teja	Wipro(3.75 LPA)
4	19P35A0238	Yelugubanti Praveen Kumar	Hyoseong Electric(1.86 LPA)
5	19P35A0239	Aggala John Kiran	Wipro(3.75 LPA)
6	19P35A0243	B Dinesh Siva Sai Kumar	Magik minds(3 LPA)
7	19P35A0244	Bathula Durga Dinesh	Tech Mahindra(3.25 LPA)
8	19P35A0245	B Mani Gowri Subrahmanyeswara Satyaraj	Magik minds(3 LPA)
9	19P35A0248	Chandana Suri Prasad	Bosch Global Software(5 LPA)
10	19P35A0253	Devalanka Satya venkata Mani bhaskar	Capgemini(4 LPA)
11	19P35A0258	Gollu Samba Siva	Capgemini(4 LPA)
12	19P35A0259	Gadi Hemanth	Qspiders
13	19P35A0260	Vinayak Chand Jami	Wipro(3.75LPA)
14	19P35A0261	Janaki naveen	TuringMinds.Ai(6.20 LPA)
15	19P35A0264	Kavala Ravi Shankar	Mphasis(4 LPA)
16	19P35A0267	Kotta Nagendra	Hyoseong Electric(1.86 LPA)
17	19P35A0276	Pantham Vinay	Wipro(3.75 LPA)

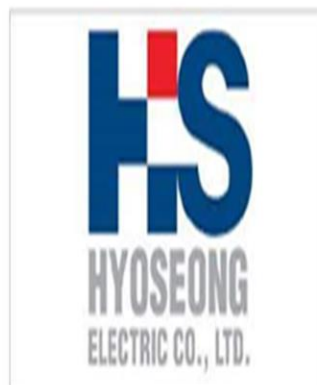


## Co Cubes, AMCAT & e LITMUS (Nation wide employability tests)

- ❖ 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 performance. 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:

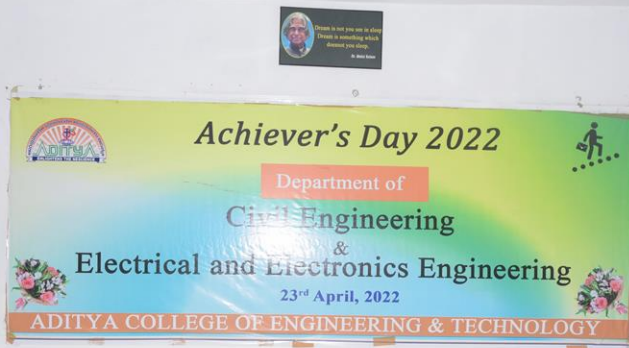




## GALLERY









# ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

## CONGRATULATIONS

### IV B.TECH - I SEM EEE B TOPPERS (2021 - 22)



BASWA CHAKRA SAI  
19P35A0242  
7.82 SGPA



CH SURI PRASAD  
19P35A0248  
7.82 SGPA



CH NANI  
19P35A0251  
7.27 SGPA



KOTTA NAGENDRA  
19P35A0267  
7 SGPA



AGGALA JOHN KIRAN  
19P35A0239  
6.86 SGPA

