

**ELECTRICAL & ELECTRONICS**  
**NEWSLETTER**

**VOLUME-II**

**ISSUSE-I**

**19-20**

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



# ELECTRICAL & ELECTRONICS

## NEWS LETTER

VOLUME - II

ISSUE- I

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

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15P31A0203... BANDI KIRAN

18P35A0211... KALA HARI



**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.



**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.

## NPTEL Certification Courses

S.no	Name of the Faculty	Name of the Course	Certification
1	V U P Lavanya	fundamentals of electric drives	Certified
2	VV Durga Prasad Reddy	fundamentals of electric drives	Certified
3	Srinivas Rayudu	power electronics - online	Certified
4	Santhosh Kumar Kapaganti	Introduction to Smart Grid	Certified
5	Sana Vani	Introduction to Smart Grid	Certified
6	S.Reddy Ramesh	Introduction to Smart Grid	Certified
7	Petta Sridhar	electrical machines I - online	Certified
8	M P Subbaraju	Introduction to Smart Grid	Certified
9	K Varalakshmi	fundamentals of electric drives	Certified
10	Chiranjeevi Yarramsetty	Power System Analysis - Online	Certified

## Members of external bodies

Sl. No.	Name of the Faculty	Name of the external body/ Agency	Position
1.	Dr.B.Rajani	Committee Member in ICEATE-2020	Rewarding as technical committee member
2	R.Srinivas	Governing body member	member

**Research Publications (Journals)**

S.No	Author	Title of the Paper	Name of the Journal	Index No UGC/ Scopus
1	K.Varalakshmi,	Digitized Synchronization of multi level STATCOM with Switch fault elimination	International Journal of Recent Technology and Engineering	SCOPUS
2	B. Rajani	PI and Fuzzy Controller Utilizing PV-HESS Based Zeta Converter for BLDC Motor Drive	International Journal of Recent Technology and Engineering (IJRTE)	SCOPUS
3	B.Rajani	Performance Analysis of Grid Synchronization Method for Three Phase Three-wire Networks under Grid fault conditions	Waffen-und Kostumkunde	WOS
4.	B.Rajani	Performance Analysis of Direct-quadrature in Three Phase Induction Motor drive	Studia Rosen thaliana	WOS
5.	K.R.K.V.Prasad	Optimal Capacitor Placement, AVR Placement And Conductor Selection Along With Dg Using BSA	IJAST Journal	Scopus
6.	K.R.K.V.Prasad	Multi-Objective Approach For Optimal Placement Of Dg And Capacitor Along With AVR In Distribution Network	JARDCS Journal	WOS

## Prof Society memberships

Sl. No.	Name of the Faculty	Name of the Professional Society	Membership Number	Life/Annual
1.	Dr.B.Rajani	Internet society member	122791	Life member
2.	Dr.B.Rajani	IAENG membership	220416	Life member
3.	Dr.B.Rajani	Indian society for technical Education	LM 125467	Life member
4.	S.Reddy ramesh	IEI	AM163270-4	Associate member
5.	V.Ramakrishna	IEI	M-163863-1	Life member
6.	K R K V Prasad	IEI	M-1534275	Life member

## Seminars, and Workshops Organized

S. No.	Type of Event	Title of Event	Name of the Coordinator	Resource Person Details	Date/s of the event
1.	WORKSHOP	Solar powered Electric Vehicle Design using Matlab/Simulink	Dr.B.Rajani Professor EEE department	Dr. S.FAROOK Associate professor Dept. Of EEE SreeVidyanikethan Engineeringcollege Tirupathi	09-03-2020 to 14-03-2020
2.	SEMINOR	Tools for Scientific Communication and Effective Teaching	Dr.B.Rajani Professor EEE department	Dr D. Chandra Sekhar HOD EEE VEMU institute of Engineering and technology chittoor	05-02-2020

## TRAINING PROGRAM'S

SNo.	Name of the Training Programme	ORGANISED BY	DATE	VENUE
1	EXPERT (electrical home)	APSSDC	04-09-2019 To 09-09-2019	ACET
2	CYBER SECURITY OPERATIONS(CYBER OPS)	THUB	13-05-2019 To 16-06-2019	ACET



## INTERNSHIP TRAINING

S.No	Roll Number	Name of the student	Place
1	17P35A0210	M.Visweswar Rao	Vizag Steel Plant
2	16P31A0236	T. Pavan Jaiaram	Vizag Steel Plant
3	17P35A0213	N.V.A.M. Viswanath	Vizag Steel Plant
4	17P35A0217	P. Vijaya Babu	Vizag Steel Plant
5	17P35A0229	S. Saranya	Vizag Steel Plant
6	16P31A0215	K. Nagendra Babu	Manihamsa Power Project Limited
7	17P35A0229	S. Saranya	Manihamsa Power Project Limited
8	16P31A0233	I.Sukanta Dhara	Tata Bearings,

## NSS & CULTURAL ACTIVITIES

S.NO	NAME OF THE ACITIVITY	DATE
1.	Dental camp	15-07-2019
2.	Essay writing and Quiz competition on Role of Science on human Development	30-07-2019
3.	Blood Donation Camp	21-08-2019
4.	Plantation of Saplings on Aanuru Panchayat	09-09-2019
5.	Teacher's Day	05-09-2019

# STUDENT CORNER

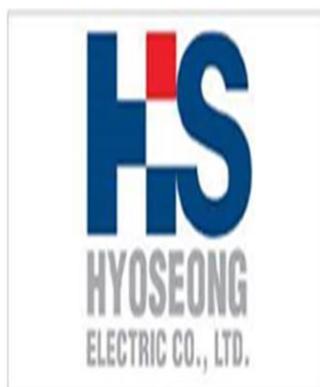
## PLACEMENT RECORD

S.NO	REG.NO	NAME OF THE STUDENT	DESIGNATION	COMPANY NAME	CTC
1	16P31A0240	Uppuluri Venkata Naga Krishna Prasad	Associate Professional	Dxc Technologies	3.40LPA
2	17P35A0217	Pasupuleti Vijayababu	Associate Professional	Dxc Technologies	3.40LPA
3	16P31A0238	Yandapalli Sai Sri Harsha	Associate Professional	Dxc Technologies	3.40LPA
4	16P31A0209	Eedara Vineeth	Associate Professional	Dxc Technologies	3.40LPA
5	16P31A0236	Thorati Manikanta Pavan Jairam	Graduate Engineer Trainee	Hyoseong Electric	1.60LPA
6	16P31A0211	Gannavarapu S K S Chakravarthy	Graduate Engineer Trainee	Hyoseong Electric	1.60LPA
7	16P31A0240	Uppuluri Venkata Naga Krishna Prasad	Graduate Engineer Trainee	Hyoseong Electric	1.60LPA
8	16P31A0243	Rohit Kumar	Graduate Engineer Trainee	Hyoseong Electric	1.60LPA
9	16P31A0209	Eedara Vineeth	Graduate Engineer Trainee	Hyoseong Electric	1.60LPA
10	16P31A0238	Yandapalli Sai Sri Harsha	Production Trainee	NIFCO	1.50LPA
11	17P35A0206	Kanchipati Raju	Production Trainee	NIFCO	1.50LPA
12	17P35A0222	Posukuri Anil Kumar	Production Trainee	NIFCO	1.50LPA
13	17P35A0226	Thotakura Satya Suresh	Production Trainee	NIFCO	1.50LPA
14	17P35A0228	Yalla Veera Venkata Ramesh	Production Trainee	NIFCO	1.50LPA
15	17P35A0217	Pasupuleti Vijayababu	Production Trainee	NIFCO	1.50LPA
16	16P31A0239	Ummella Deepthiram	Production Trainee	Hi-Tech Arai Limited	1.50LPA
17	16P31A0202	Boddu Ramya	Production Trainee	Hi-Tech Arai Limited	1.50LPA
18	16P31A0214	Gowthu Jyothi	Production Trainee	Hi-Tech Arai Limited	1.50LPA

## 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



TEACHERS DAY CELEBRATION'S

NSS ACTIVITY

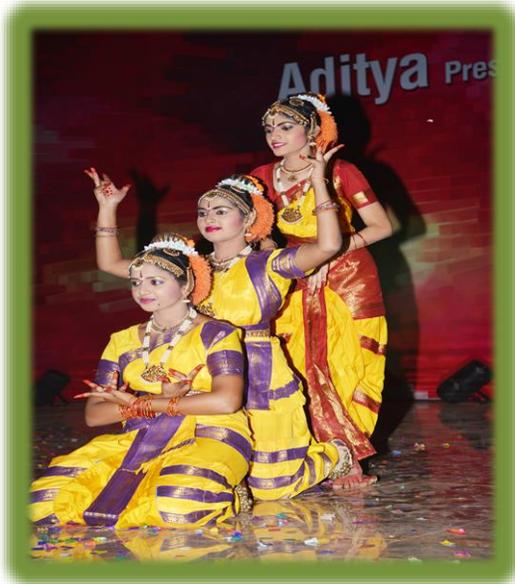


NSS ACTIVITY

Engineers day Celebration's



CULTURALS



## CULTURALS





# CONGRATULATIONS

**ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY**

**IV B.TECH - I SEM EEE TOPPERS (2018-19)**



Mr. Voota Venkatesh  
16P35A0216  
84.68%



Miss Desalinka Sri  
Satya Durga  
15P31A0210  
83.58%



Miss Batreddi  
Santoshimatha  
15P31A0204  
82.48%



Miss Kotha Jyothi  
Suma  
15P31A0219  
82.20%



Mr. Chalivendram  
Sumanth  
16P35A0205  
81.93%