ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ELECTRICAL & ELECTRONICS NEWSLETTER

VOLUME-I ISSUSE-II 18-19

Mr. RAJESH MURAI, HEAD OF THE DEPARTMENT

ELECTRICAL & ELECTRONICS

NEWS LETTER

VOLUME - I ISSUE- II 18-19

INDEX

- ✓ Management
- ✓ Principal Desk.
- ✓ Department vision
- ✓ Department mission
- ✓ Faculty corner
- ✓ Student corner
- ✓ Placements
- ✓ Recent Events
- ✓ Toppers List

Mr. M.RAJESH M.TECH (Ph.D.)
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H.O.D, EEE
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M.TECH
ASST.PROFESSOR

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15P31A0214…G.N.MOUNIKA

16P31A023….SHEIK RASOOL

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 boy's 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.

Research Publications (Journals)

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	Index No UGC/ Scopus
1.	K. Varalakshmi,	Ecentric operation of STATCOM Using Predictive Controller	International Journal of Power Electronics and Drive System	UGC
2.	K.R.K.V.Prasad	Optimal conductor selection and capacitor placement for cost minimization in distribution system	IJASRM	Scopus

Faculty Fellowships

Sl. 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 & Particfipation of Candidates	NPTEL	NPTEL

SEMINOR& FDP ORGANISED

S.No.	Name of the FDP	Name of the faculty Coordinator	Dates/Duration	Resource Person Details
1	Multilevel Inverters and Modulation Techniquies	Dr.K.R.K.V.Prasad AssociateProfessor	20-12-2018	Dr.P.Hema chandu HOD EEE SITE Tadepalligudam
2	Machine Learning & it's Applications in Electrical Engineering	M.Rajesh Head of the department EEE	11-09-2018	Dr. S.FAROOK Associate professor Dept. Of EEE Sree Vidyanikethan Engineeringcollege Tirupathi
3	Power Electronic Converters for Electrical vehicle and Renewable Energy Applications	M.Rajesh Head of the department EEE	12-11-2018 to 17-11-2018	Dr. S.FAROOK Associate professor Dept. Of EEE Sree Vidyanikethan Engineeringcollege Tirupathi

Professional body members

S.NO	Name of the Faculty	Name of professional society as member
1.	M. Rajesh	ISTE
2.	Dr. K R K V Prasad	IEI
3.	K. Varalakshmi	IAENG, IEEE
4.	M. P. Subbaraju	Institute of Engineers, ISTE
5.	S. Reddy Ramesh	IEI
6.	V. Ramakrishna	IEI
7.	Sana Vani	IAENG

NPTEL Courses Certification

	Name of the Faculty	Name of the Course	Dates/Duration
1	R.Venkatesh	Introduction to Smart Grid	July –Oct 2018
2	V U P Lavanya	Digital Circuits	July-Oct 2018
3	V V Durga Prasad Reddy	Fundamentals of Electrical Engineering	July-Oct2018
4	R.Srinivas	Switching Circuits and Logic Design	July-Oct
5	R.Srinivas	Basic electrical circuits	July –Oct2018
6	Santhosh Kumar Kapaganti	Digital Circuits	July-Oct 2018
7	Santhosh Kumar Kapaganti	Outcome based pedagogic principles for effective teaching	July-Oct 2018
8	S.Reddy Ramesh	Basic electrical circuits	July-October 2018
9	Rajesh Murari	Introduction to Smart Grid	July –Oct 2018
10	M.P Subbaraju	Non-Conventional Energy Resources	July-Oct 2018
11	K. Durga prasad	Digital Circuits	July-Oct 2018
12	K.Varalakshmi	Outcome based pedagogic principles for effective teaching	July-Oct 2018
13	Chiranjeevi yarramsetty	Computer Aided Power System Analysis	July-Oct 2018
14	Abdul sattar shaik	Digital Circuits	July-Oct 2018

TRANING PROGRAM

SNo.	Name of the Training Programme	ORGANISED BY	DATE	VENUE
1	IoT Fundamentals	THUB	16-11-2018 To 09-01-2019	ACET
2	Python Programming	THUB	09-08-2018 To 26-10-2018	ACET

INTERNSHIP TRANING

S.No	Roll Number	Name of the student	Place
1	15P31A0264	Munna Kumar	Rail Wheel Plat Bela Post, Arbindnagar, Bihar
2	15P31A0249	Haridev Kumar Mandal	Rail Wheel Plat Bela Post, Arbindnagar, Bihar
3	15P31A0267	Pappala Mohan Sai Madhukara	Ongc,
4	17P35A0224	R. Mounika	Rajahmundry
5	17P31A0208	D.Sai Ravi Teja	Gsk Horlicks Factory

NSS &CULTURAL ACTIVITIES

S.NO	NAME OF THE ACITIVITY	DATE
1.	Awareness Program on Improving Soil Fertility	05-12-2018
2.	Janmabhoomi Maa Vooru Camp	03-01-2019 to 10-01-2019
3.	Distribution of Blankets to Needy	26-01-2019
4.	Dusserah	08-10-2018
5.	International Girl child Day	11-10-2018
6.	Rashtriya Ekta Diwas	1-11-2018
7.	International Student's Day	17-11-2018
8.	College Christmas	15-12-2018

PLACEMENT RECORD

S.NO	REG.NO	NAME OF THE STUDENT	DESIGNATION	COMPANY NAME	*CTC*
1	15P31A0268	P.Ahmed Shakhan	Trainee engineer	Surya Tech Solutions	2.16LPA
2	15P31A0269	P.Hemanth	Trainee engineer	Surya Tech Solutions	2.16LPA
3	15P31A0272	P.Saikrishna	Trainee engineer	Surya Tech Solutions	2.16LPA
4	16P35A0202	A.Siva Sai Satya Durga Prasad	Trainee engineer	Surya Tech Solutions	2.16LPA
5	16P35A0211	K.Purana Chandrababu	Trainee engineer	Surya Tech Solutions	2.16LPA
6	16P35A0213	M.Naga Prakash	Trainee engineer	Surya Tech Solutions	2.16LPA
7	16P35A0214	N.Rameshbabu	Trainee engineer	Surya Tech Solutions	2.16LPA
8	16P35A0217	V.V.V.Manikumar	Trainee engineer	Surya Tech Solutions	2.16LPA
9	16P35A0218	A.Krishna Varma	Trainee engineer	Surya Tech Solutions	2.16LPA
10	16P35A0223	D.Narendra Varma	Trainee engineer	Surya Tech Solutions	2.16LPA
11	16P35A0224	G.Veera Venkata Raju	Trainee engineer	Surya Tech Solutions	2.16LPA
12	16P35A0228	N.Suresh Kumar	Trainee engineer	Surya Tech Solutions	2.16LPA
13	16P35A0230	R.Vamsi Krishna	Trainee engineer	Surya Tech Solutions	2.16LPA

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.

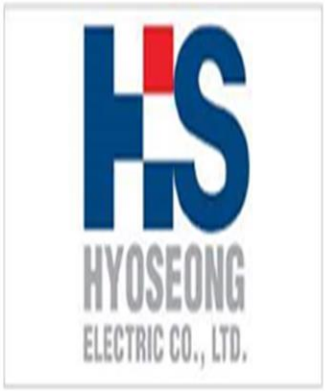
- While most aptitude tests only measure a test taker's verbal comprehension and reasoning abilities, the AMCAT additionally evaluates personality traits and domain skills, thus becoming an ideal test to match jobs to candidates.

- 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.

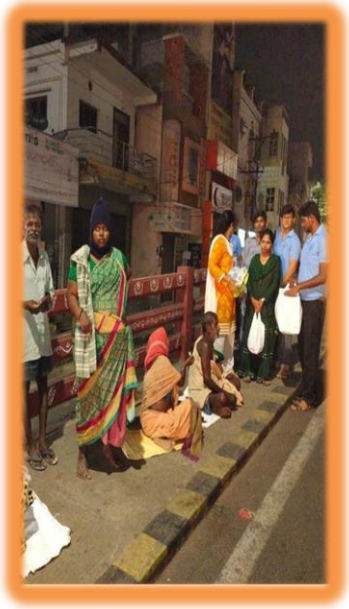
- Our college is tied up with these third party vendors apart from CRT, T-Hub and Placement wing (Ajivika) with reasonable price for students so that they can write these tests, if they get good scores in these exams they(company recruiters) will directly give interview schedule without any further online exams.

List of companies selected:



GALLERY

EVENTS



CONGRATULATIONS

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

III B.TECH – I SEM TOPPERS (2016 – 17)

Mr. GOLAKOTI NANI VIJAYA VEERA DEVARA
15P35A0215
86.71 %

Mr. S.NAGAVAMSI
15P35A0237
82.47%

Mr. BOSETTI VENKATA KONDA
15P35A0208
80.94 %

Mr. BRIJESH KUMAR
14P31A0233
80.82 %

Mr. SIDDINEEDI NARAYANA MURTY
15P35A0239
80.59 %