

ELECTRICAL & ELECTRONICS
NEWSLETTER



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NEWS LETTER

VOLUME - III ISSUE- III 20-21

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Mr. M. RAJESH M. TECH (Ph.D.)
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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

Princinal 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.

CONFERENCES

SNo.	Name of the Faculty	Title of the Paper	Name of the Conference	Date
1	K.Venkateswara Rao	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive Sliding mode Controller	Trends in Industry 4.0 Technically Sponsored IEEE	19 th -21 may 2021
2	B.Rajani	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive Sliding mode Controller	Trends in Industry 4.0 Technically Sponsored IEEE	19 th -21 may 2021
3	R.srinivas	DC Link voltage stabilization in Renewable Source connected DC Micro-Grid using Adaptive Sliding mode Controller	Trends in Industry 4.0 Technically Sponsored IEEE	19 th -21 may 2021
4	Karri Ravikumar Reddy,	Solution to Economic Load Dispatch using Ant colony Search based-Teaching Learning Optimization	Trends in Industry 4.0 Technically Sponsored IEEE	19 th -21 may 2021
5	B.Rajani,	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	NIT Jamshedpur,India.	May 28 th -30 th ,2021
6	R.Venkatesh,	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	NIT Jamshedpur,India.	May 28 th -30 th ,2021
7	R.Srinivas	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	NIT Jamshedpur,India.	May 28 th -30 th ,2021
8	K.Varalakshmi	Comparative Analysis of controller tuning for Multi-area PowerSystems Using Swarm Optimization Techniques	NIT Jamshedpur,India.	May 28 th -30 th ,2021

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
2	Dr.B.Rajani	An Efficient Energy Management of Hybrid Renewable Energy Sources based Smart-Grid System Using an IEPC Technique	Springer Lecture Notes on Data Engineering and Communications Technologies Series Editor: Xhafa, Fatos	2367-4512

WORKSHOP

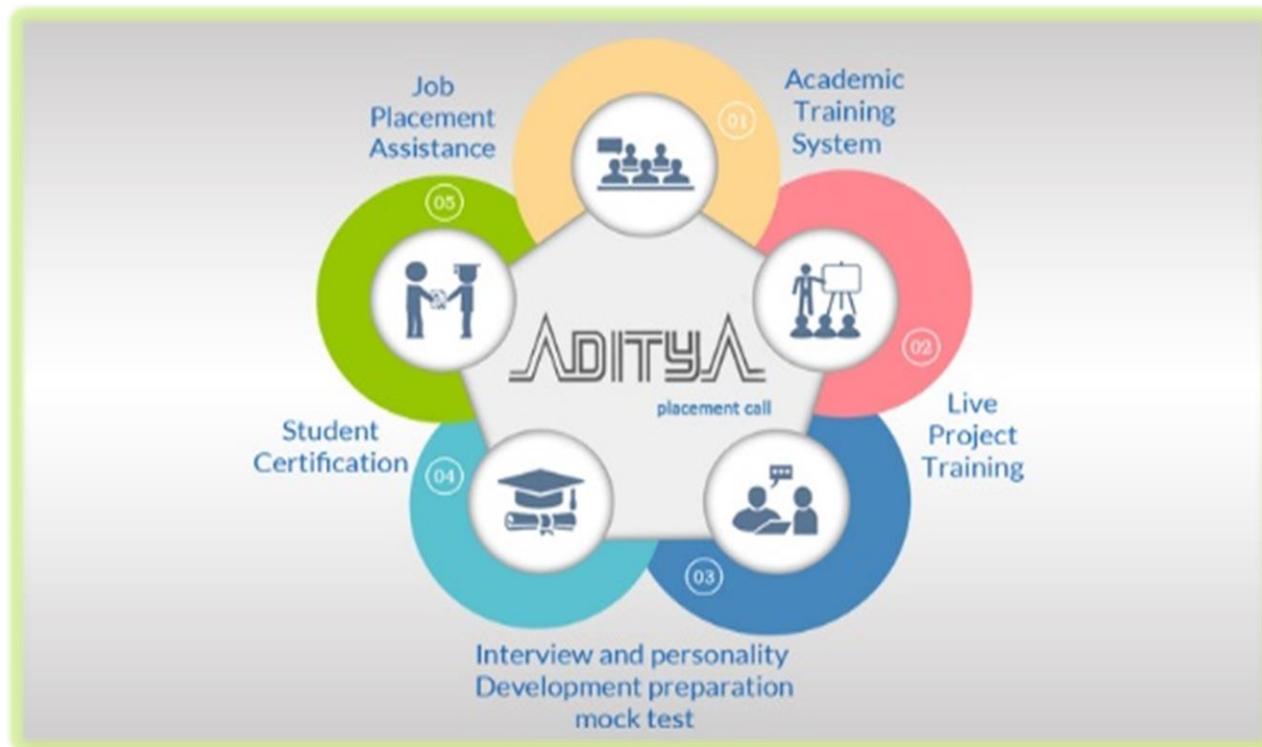
SNo.	TITLE OF SEMINAR	ORGANISED DATE
1.	Recent Trends in Solar power	16-02-2021

PUBLICATIONS

SNo.	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 uncertainties	IJEEE (springer-ESCI)	October 2021	ESCI
3	K Varalakshmi	Study of direct torque control scheme for 3-phase induction motor	Studia Rosenthaliana	Vol-12/october-2020	WOS
4	V U P Lavanya	Stability analysis of integer order interval system using Kharitonov Theorem	Studia Rosenthaliana	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

TRAINING 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	REG.NO	NAME OF THE STUDENT	DESIGNATION	COMPANY NAME	CTC
1	18KT5A0209	Posina Divanam	GET	Kwangjin India	1.68LPA
2	18P35A0207	Chinthapalli Akhil Reddy	GET	Kwangjin India	1.68LPA
3	18P35A0239	Yajjala Rajendra	GET	Kwangjin India	1.68LPA
4	18P35A0243	Amaradi Sivatejaswamy	GET	Kwangjin India	1.68LPA
5	18P35A0247	Burela Narendrababu	GET	Kwangjin India	1.68LPA
6	17P31A0212	Gondrotu Navin Kumar	Apprentice Trainee	Ronch Polymers	1.50LPA
7	18P35A0215	Kasi Saiprakash	Apprentice Trainee	Ronch Polymers	1.50LPA
8	18P35A0225	Medeti Naveen Kumar	Programmer Analyst Trainee	Cognizant	4.00LPA
9	18p35a0226	Mukkala Kiran Kumar	Programmer Analyst Trainee	Cognizant	4.00LPA
10	17P31A0232	Yedla Sai Rohit Kumar	Graduate Engineer Trainee	Daejoo Automotive	1.56LPA
11	18P35A0220	Kudipudi Rama Krishna	Graduate Engineer Trainee	Daejoo Automotive	1.56LPA
12	18P35A0222	Maddala Nani	Graduate Engineer Trainee	Daejoo Automotive	1.56LPA
13	18P35A0276	Siraparapu Jaya Venkata Aravind	Graduate Engineer Trainee	Daejoo Automotive	1.56LPA
14	17P31A0228	Saladi Swapna	Production Trainee	Hitech Arai	1.56LPA
15	18P35A0265	Kolagani Yamini Devi	Production Trainee	Hitech Arai	1.56LPA
16	18P35A0259	Ethala Anisha	Production Trainee	Hitech Arai	1.56LPA
17	18P35A0248	Cherukuri Venkata Naga Satya Jyothi	Production Trainee	Hitech Arai	1.56LPA
18	18P35A0253	Elidindi Sadhana Sri Lasya	Production Trainee	Hitech Arai	1.56LPA

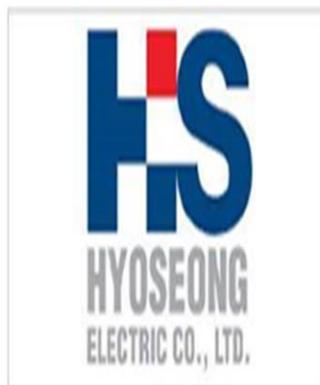
PLACEMENT RECORD

S.NO	REG.NO	NAME OF THE STUDENT	DESIGNATION	COMPANY NAME	CTC
1	17P31A0204	Addanki Sravani	Production Trainee	Hitech Arai	1.56LPA
2	17P31A0207	Dammala Naveena	Production Trainee	Hitech Arai	1.56LPA
3	17P31A0201	Adapa Revathi	Production Trainee	Hitech Arai	1.56LPA
4	17P31A0224	Pentakota Sai Tejaswini Anusha	Production Trainee	Hitech Arai	1.56LPA
5	17P31A0202	Adapa Swamy Sathya Vijaya Lakshmi	Production Trainee	Hitech Arai	1.56LPA
6	17P31A0232	Sai Rohit Kumar Yedla	Operations Executive	Unschool	5.00LPA
7	18P35A0253	Elidindi Sadhana Sri Lasya	Intern	Unschool	5.00LPA
8	17P31A0232	Yedla Sai Rohit Kumar	Application Development Associate	Accenture	4.50LPA
9	18P35A0264	Maddula Veera Durga Jagannadham	Technical Analyst	Netenrich	4.50LPA
10	17P31A0228	Saladi Swapna	Associate Software Engineer	Mphasis	4.00LPA
11	18P35A0249	Burrey Uma Neeraj	GET	Transrail	4.00LPA
12	17P31A0215	Sivakrishna Kola	Test Engineer	Tessolve	3.50LPA
13	18P35A0261	Ivvala Uttej	Test Engineer	Tessolve	3.50LPA
14	17P31A0232	Yedla Sai Rohit Kumar	Trainee	Atos Global	3.10LPA
15	17P31A0212	Naveen Kumar	Trainee	Atos Global	3.10LPA
16	17P31A0207	Dammala Naveena	Trainee	Atos Global	3.10LPA
17	17P31A0215	Sivakrishna	Trainee	Atos Global	3.10LPA
18	17P31A0232	Yedla Sai Rohit Kumar	Associate Software Engineer	Gspann	2.40LPA
19	18P35A0207	Chinthapalli Akhil Reddy	Associate Software Engineer	Gspann	2.40LPA
20	17P31A0215	Kola Sivakrishna	Software Engineer Trainee	Acuvate	3.00LPA

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

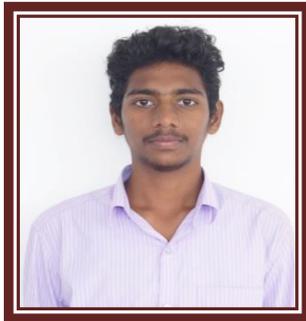
IV B.TECH - II SEM EEE TOPPERS (2020 - 21)



P MANIKANTA
18P35A0271
8.75 SGPA



CH V N SATYA JYOTHI
18P35A0248
8.63 SGPA



BURREY UMA NEERAJ
18P35A0249
8.63 SGPA



D A CH SARADHI
18P35A0251
8.63 SGPA



S J VENKATA ARAVIND
18P35A0276
8.63 SGPA

