

ELECTRICAL & ELECTRONICS
NEWSLETTER



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NEWS LETTER

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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.

FACULTY CORNER

CONFERENCES

SNo.	Name of the Faculty	Title of the Paper	Name of the Conference	Date
1	Sana Vani	Aerodynamic modelling and analysis of wind turbine	3rdInternational Conference on Computing and Communication (IC3-2020)	13-14 th july 2020
2	Koppiseti Prabha Rani	Design of power conditioning unit for wind energy conversion system using resonant converter	3rdInternational Conference on Computing and Communication (IC3-2020)	13-14 july 2020
3	Reddy Ramesh	Analysis of inverter topologies and control schemes in grid connected photovoltaic module	3rdInternational Conference on Computing and Communication (IC3-2020)	13-14 th july 2020

PUBLICATIONS

SNo.	Name of the Faculty	Title of the Paper	Name of the Journal	Vol/Month	Index No UGC/ Scopus
1	B.Rajani	A hybrid optimization based energy management between electric vehicle and electricity distribution system	International Transactions on Electrical Energy Systems	Volume31,issue-6,june 2021	SCI
2	K. R. K. V Prasad	Optimal Allocation Of Dg And Capacitor In Distribution Network Using NSGA-II	TEM journal	Volume 83,may-june 2020	Scopus
3	K.Prabha rani	Optimal capacitor placement a Bibilometric Survey	“Library philosophy and practice”	June 12 th 2021	scopus
4	R.Srinivas	Load flow solution of distribution systems	Library philosophy and practice	July15 th 2021	Scopus

FACULTY CORNER

BOOK CHAPTERS

SNo.	Name of the Faculty	Patent details	Filing agency
1	Dr. B.Rajani.	System for Thermo Electric power generation from massive Kitchen Waste heat	IPR Patent:Application Number-202041034782
2	Dr. B.Rajani	Development of IOT Based System to Detect and Prevent Child Abuse	IPR Application No.202041027328

ORGANISED SEMINARS

SNo.	Name of the Seminar/Workshop/FDP Organised	Date
1	LATEST TECHNOLOGY IN WIND POWER	05-06-2020
2	EMERGING OPPORTUNITIES IN EV	17-08-2020
3	RESEARCH OPPORTUNITIES IN ELECTRICAL ENGINEERING	20-07-2020 to 24-07-2020

PATENT DETAILS

SNo.	Name of the Faculty	Patent details	Filing agency
1	Dr. B.Rajani.	System for Thermo Electric power generation from massive Kitchen Waste heat	IPR Patent:Application Number-202041034782
2	Dr. B.Rajani	Development of IOT Based System to Detect and Prevent Child Abuse	IPR Application No.202041027328

List of Working Models

SNo.	Name of the Faculty Author	Title of the Working models	Total Cost
1	Dr.B.Rajani	Integration of Photovoltaic cell and footstep power generation for Agricultural and streetlight applications	10,000
2	Mr.M.Subba raju	Transmission line fault detection and indication to electricity board using GSM	10,000
3	Mr. Rayudu Srinivas	Monitoring and controlling of Induction motor parameters using IOT technology	10,000
4	Mrs. V. U. P. Lavanya	Arduino based electrical substation monitoring system	10,000

Attended FDP'S

SNo.	Name of the Faculty	Name of the FDP	Organized by
1	V.U.P.Lavanya	Technological advances in power switched converters for renewable energy sources and fuel cell technology for electric vehicles	Baptla Engineering college
2	V.U.P.Lavanya	Recent trends in Electrical engineering	Vishnu college Bhimvaram
3	K.Prabha Rani	Introduction to MATLAB and simulink for electrical system modelling	Vaageswari college of Engineering
4	R.Srinivas	Electrical Vehicles- An Academic and Research Perspective	Sri Vasavi Engineering College

TRAINING PROGRAM'S

SNo.	Name of the Training Programme	ORGANISED BY	DATE	VENUE
1	FOUNDATION COURSE	APSSDC	05-04-2020 To 10-04-2020	ACET
2	CYBER SECURITY OPERATIONS(CYBER OPS)	THUB	13-05-2020 To 16-06-2020	ACET



Students Journal Publications

S.No	Name of the students	Name of the Event	Topic	Venue	Date
1	A.S.S.Vijaya lakshmi	3rdInternational Conference on Computing and Communication (IC3-2020)	Analysis of inverter topologies and control schemes in grid connected photovoltaic module	Manipal Institute of Technology Sikkim	13-14th july 2020
2	K. Ganesh Sai Reddy	3rdInternational Conference on Computing and Communication (IC3-2020)	Design of power conditioning unit for wind energy conversion system using resonant converter	Manipal Institute of Technology Sikkim	13-14th july 2020
3	Ch.Akhil Reddy P.V.Sainath, G.Sivaramakrishna	Adalya journal	Comparative Analysis of Two-level and Multi-level Inverter Configuration	Journal Publishing	Sep-2020
4	K.Giridhar, S.J. Venkata Aravinda	3rdInternational Conference on Computing and Communication (IC3-2020)	Aerodynamic modelling and analysis of wind turbine	Manipal Institute of Technology Sikkim	13-14th july 2020

NSS & CULTURAL ACTIVITIES

s.no	Name of the Activity	Date
1	National level online Quiz on yoga	21-06-2020
2	One Day Meal for Children at Orphanage	04-07-2020
3	Grocery and Necessity Things Distribution at Old age home	04-09-2020

PLACEMENT RECORD

S.No	Reg.No	Student Name	Designation	Company Name	CTC
1	17P31A0208	Sai Ravi Teja Devabattula	Associate Professional	DXC	3.60LPA
2	18P35A0249	Uma Neeraj Burrey	Associate Professional	DXC	3.60LPA
3	18P35A0260	Uday Kiran Hotha	Associate Professional	DXC	3.60LPA
4	18p35a0215	Sai Prakash Kasi	Associate Property Advicer	Pin Click	5.16LPA
5	18P35A0221	Kurumella Anil Kumar	Graduate Engineer Trainee	Kored Infratech	1.80LPA
6	18P35A0225	Medeti Naveen Kumar	Graduate Engineer Trainee	Kored Infratech	1.80LPA
7	18P35A0227	Muppana Eswara Sai	Graduate Engineer Trainee	Kored Infratech	1.80LPA
8	18P35A0235	Tanikella Sai Santhosh Kumar	Graduate Engineer Trainee	Kored Infratech	1.80LPA
9	18P35A0236	Thulli Siva Prasanna Kumar	Graduate Engineer Trainee	Kored Infratech	1.80LPA
10	17P31A0216	Kolukuluri Naga Kinnera	Jr.Engineer-A&V	AZTEC	2.50LPA
11	17P31A0219	Lanka Sirisha	Jr.Engineer-A&V	AZTEC	2.50LPA
12	18P35A0278	Tanakala Naveen Kumar	Jr.Engineer-A&V	AZTEC	2.50LPA
13	17P31A0226	P.Ranjan Singh	Trainee Engineer	Surya Tech Solutions	3.12LPA
14	18P35A0227	M. Eswar Sai	Trainee Engineer	Surya Tech Solutions	3.12LPA
15	18P35A0272	P. Rama Krishna Naga Chandu	Trainee Engineer	Surya Tech Solutions	3.12LPA
16	18P35A0202	A. Venkat Satya Pavan Mahesh	Trainee Engineer	Surya Tech Solutions	3.12LPA
17	18P35A0244	B.Vamsi	Trainee Engineer	Surya Tech Solutions	3.12LPA

PLACEMENT RECORD

S.No	Reg.No	Student Name	Designation	Company Name	CTC
22	18P35A0236	T. Siva Prasanna Kumar	Trainee Engineer	Surya Tech Solutions	3.12LPA
23	18P35A0245	B. Ganesh Kumar	Trainee Engineer	Surya Tech Solutions	3.12LPA
24	18P35A0221	K. Anil Kumar	Trainee Engineer	Surya Tech Solutions	3.12LPA
25	18P35A0225	M. Naveen Kumar	Trainee Engineer	Surya Tech Solutions	3.12LPA
26	18P35A0258	G. Chiranjeevi Sai Manikanta	Trainee Engineer	Surya Tech Solutions	3.12LPA
27	18P35A0268	K. Giridhar	Trainee Engineer	Surya Tech Solutions	3.12LPA
28	18P35A0226	M. Kiran Kumar	Trainee Engineer	Surya Tech Solutions	3.12LPA
29	18P35A0220	K. Rama Krishna	Trainee Engineer	Surya Tech Solutions	3.12LPA
30	18P35A0274	R. Siva Shankar	Trainee Engineer	Surya Tech Solutions	3.12LPA
31	18P35A0250	Ch. Datta Kalyan Ram	Trainee Engineer	Surya Tech Solutions	3.12LPA
32	18P35A0280	Y. Pavan Teja	Trainee Engineer	Surya Tech Solutions	3.12LPA
33	18P35A0247	B. Narendra Babu	Trainee Engineer	Surya Tech Solutions	3.12LPA
34	18P35A0246	B. Sai Satyanaryana	Trainee Engineer	Surya Tech Solutions	3.12LPA
35	18P35A0256	G. Durga Prasad	Trainee Engineer	Surya Tech Solutions	3.12LPA
36	17P31A0209	D. Manikanta	Trainee Engineer	Surya Tech Solutions	3.12LPA

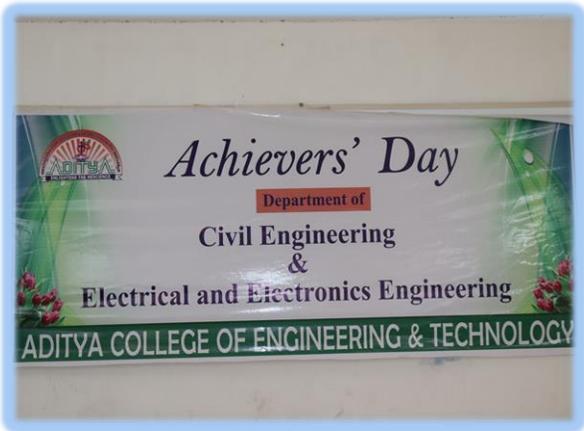
Co Cubes, AMCAT & e LITMUS (Nation wide employability tests)

- ❖ 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:



ACHIVER'S DAY





CONGRATULATIONS

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

IV B.TECH - I SEM EEE TOPPERS (2017- 21)



17P31A0208



17P31A0215



18P35A0215



18P35A0251



18P35A0271

