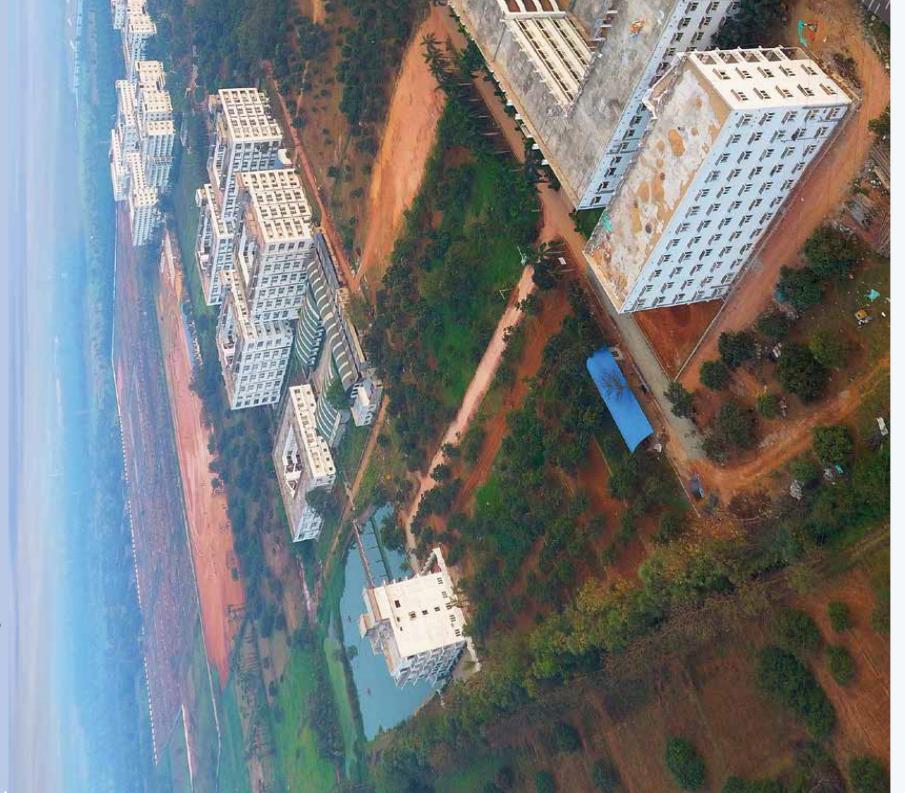




## ADITYA COLLEGE OF ENGINEERING

Estd: 2008, Permanently affiliated to JNTUK, Approved by AICTE

Accredited by NAAC, Code: ACES





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Department of Mechanical Engineering

Department of Electrical & Electronics Engineering

Department of Electronics & Communication Engineering

Department of Civil Engineering

Department of Humanities & Basic Science

Central Library

Sports & Games

**NSS Activities** 

Location of Aditya College of Engineering

## Chairman's Message



I believe in the philosophy of thought, word and deed as eternal which made Aditya what it is today.

rising to the challenges of the educational field and get My word which always reflected my vision and gained the My thought to set a high bar to the institutions I setup by prepared for a life dedicated to the pursuit of knowledge. conviction of the heads of the institutes and parents.

And my deed which makes my home and workplace as extensions of each other by considering the staff and students as the members of my extended family shaped

Dr. N.SESHA REDDY

I know the value of a good education, more so because I did not have the career as a lecturer, giving up my desire of qualifying in the Service benefit of the facilities that make the learning process smooth. I began my determination which took the shape of Aditya Educational Institutions. Commission Examination. Out of my despair was born a

Challenges, Competition and the fear of failure are natural, but success embraces those who face these with the can-do attitude. For me this can-do attitude is backed up by our state-ofthe- art infrastructure, picturesque & The learning ambience at all the constituting Institutions is perfectly suited record of evolving efficient, confident and highly knowledgeable technocrats, managers, pharmacists and entrepreneurs with global thinking inspiring setting and devoted team of faculty-members and administrators. for all-round growth and academic excellence. Today, the group has a proud and futuristic mind-set.

managed innovatively. Global business Incubation centre, Microsoft present-day job market poses fresh challenges that need to be Innovation Centre, Technical Skill Development Institute, T-hub, Training and Placement Cell, GATE coaching etc., act as perfect vehicles for this.

## ice-Chairman's Message



Dr. N SATHISH REDDY

father toiled to place Aditya on the academic map of the country through its various phases of expansion even under the most trying circumstances.My Masters degree from UTS Australia, the best university in the continent, has given me deeper understanding and insight into the education system. This was coupled with the ideology of my father which enabled me to take the onus of steering Aditya. In succession, Aditya technical campus, Surampalem has been established to As a direct product of Aditya I know how my offer professional education in Engineering, technology, management and pharmacy with the core concepts of

the campus is to make teaching and research relevant to the practical advance and technology. The prime aim and excellence Ever since its inception in 2001, the campus registered speedy progress by upholding its abiding commitment to knowledge and educate students in science

The campus offers numerous opportunities for the aspiring students which lay a strong foundation for the corporate world. T-Hub is a specimen of numerable shaped engineers, facilitate internship opportunities on the campus, develop opportunities provided to students with enough competitive inputs to become Tpartnerships with corporate and etc. through its various programs. The ultimate aim of Aditya is to make the campus the 'first stop' for companies in the recruitment process. Keeping in view the demands of the work nvironment a lot of emphasis is laid which is beyond just knowledge and marks, overall personality development of the students.

a decision can change something but a determination can change everything. For sure Aditya is strongly determined to Finally a desire can change nothing, provide its students a successful career

## Secretary's Message



Sri.N. Deepak Reddy

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.

form of conferences, workshops, seminars, guest lectures, hackathons, appons, project curricular activities. These activities expose students to aspects beyond the curriculum, thus adding value to their professional success. The magnificent infrastructure of Aditya and the Learning is not just confined to the classroom at Aditya. It is something beyond that in the making, community initiatives, sports, culturals, clubs and other co-curricular and extradynamic and qualified staff set the right ambience for facilitating these activities.

Owing to my education in one of the best schools of India, The Good Shepherd School, Ooty, and the exposure I gained there, especially in the field of Information Technology, I am fully aware of the ever increasing demands of the world.

skills and scientific assessment and evaluation. Also, with a belief that, character, without to give the right impetus for making life-long learners we ensure the on-going relevance of which a man though may be useful to himself, would not be useful to the society, we strive With a close watch on the dynamics of the fast-changing world which urges the academicians our academic programs twined with substantial training on Industry-oriented employability to create responsible students who are epitomes of highest ethics and social conduct. I am very delighted to express that the quality of Adityans is recognized by the employers who offer jobs to our students even before the announcement of the results. Our alumni are contributing in their professions and have earned senior positions in public & private sector nationally and internationally.

## Principal's Message



Dr. A.RAMESH

PRINCIPAL

these only gave life, those the art of living "Those who educate children well are more to be honored than parents, for

Aristotle.

The significant problems we face cannot be solved at the same level of to be directed by wisdom and intelligence to create new knowledge. Promotion of thinking we were at when we created them." - Albert Einstein. 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 honors only excellence. Available information has 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.

40% of the world's poor are in India. Confidence leads to capacity. It is faith in oneself that produces miracles. Education at ACOE helps build Character, problems in a new perspective. The student is put through rigorous training so that Technology should be used to help remove poverty from the world. In fact Strengthen the mind, expand the intellect and establish a culture of looking he can stand on his own feet after leaving the portals of the Institute.

## Dean's Message



Dr. Pullela SVVSR Kumar Dean (A & A)

day's students will have many new jobs over the course of In a constantly changing environment, having life skills is an day life. The dramatic changes in global economies over the in technology and these are all impacting on education, the workplace and our home life. To cope with the increasing pace and change of modern life, students need new life skills past five years have been matched with the transformation essential part of being able to meet the challenges of everysuch as the ability to deal with stress and frustration. Totheir lives, with associated pressures and the need for flexiSkill development is no longer a matter of choice. It is imperative to adapt, survive and succeed. We work in an era where dealing with ambiguity and disruptive trends are pivotal to success. In parallel to maintaining an academic awareness of your field, you have to review the career eco-system. Adapting skills and attitude is now inevitable to succeed in the years

each product seeks for competitive edge. The best way to make this happen is to take full advantage of the remainder of your college education to practice and strengthen your soft skills so you can (1) include them in your cover letters and resume, (2) identify and describe them As much as learning is an ongoing process, skills development follows the same trend. Nowadays, competition has been the hallmark in every corporate endeavour and to say the least, in a clear and confident manner during your interviews, and (3) ensure that your college professors can and will verify that you possess these skills in their letters of reference.

These days the world has become more interdependent and interconnected, and as such, in One have to know what is happening, need to have an international perspective on every aspect. To be sure, whether one is looking at being innovative from an individual point of view or even at the organizational level, innovation is key to staying competitive. Learning is the order to stay on top of things, one has to stay aware of what is happening around the world. continuous effort one should adapt to survive in this competitive world

Happy Learning!

## **About Aditya Group**

Aditya College Of Engineering, was founded as the premier promoter of quality education in coastal districts of Andhra Pradesh in 2008 under Sarojini Educational Society. Sri N Sesha Reddy, as a founder chairman, promoted the educational institution, with a mission, to offer the best engineering education with unmatched innovations in the process of teaching and learning by aiming at the all-round development of the students.

The College is situated in an eco-friendly area of 180 acres with thick greenery at Surampalem, Gandepalli Mandal, East Godavari District, Andhra Pradesh. The line in South Central Railway. The College is 35 Km away from Kakinada and Rajah-College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway mundry on ADB Road. The College has three academic Buildings with a total carpet area of 44,524 Sq. apart from two boys hostels and one girls hostel buildings. The particulars of academic buildings and the departments / offices accommodated are as follows.

CMR top T-School survey by DATA Quest and 13th position in Top 20 colleges of India by the Sunday Indian. These distinct recognitions speak volumes of the institute's objective to promote engineering excellence. The total student strength is The college proudly offers 9 UG and 8 PG programmes in engineering, MCA, MBA the college has added many feathers in its cap which include AA+ Grade by Careers 360, South India 4th rank by Digital Mailers, South India 6th rank by Silicon India, 13th rank out of top 25 engineering colleges by 4Ps, a niche in Asia top 100 colleges by WCRC leaders, Best Placement Award by ASSOCHAM, All India 98th rank-DQ and MBA (Integrated) with 15 years of rich standing in the educational era. Besides, 5052 with faculty strength of 355 thus giving rise to healthy faculty student ratio. It is approved by AICTE, recognized by Govt. of Andhra Pradesh, permanently affiliated to Jawaharlal Nehru Technological University Kakinada (JNTUK). The college also received UGC recognition under Sections 2(f) and 12 (B) of the UGC Act. Aditya College of Engineering will do its best to offer an innovative environment wherein your dreams will be realized: dreams for higher knowledge, dreams for scientific inquiry, dreams for technology creation, dreams for co-curricular activities, and dreams to change the world

#### **Quality Policy**

learning, with Continual Improvement and Team Work as its strengths for Aditya is committed to create, sustain and improve the learning process through Fotal Quality Management and make itself a seat for Scientific and Technological achieving the set objectives.

#### MISSION

Achieving academic excellence by providing globally acceptable technical education and preparing for future technologies through  Innovative Research And development • Industry-institute interaction • Empowered manpower

#### NOISIN

To imbue higher planes of learning by imparting technical education

With international standards,

Applied research • Creative ability • Value based instruction

To emerge as a Premier Institute.





#### **EDITORIAL BOARD**

Mr. G. Sai Dr. A.Ramesh

Mr. P. Ramesh Mr. Allu Sivaji Mr.M.Sarat Chandra Prasad Mr.Y.K.S.Subba Rao

Mr. B. Satish Ms.P. Trikala

Mr. GaddiBharath Mr. S.NizamuddinKhadri

Smt. P.N.S Lakshmi

Mr. B.V.S.S Gopal

Mr. U. Abhishek Kumar

Mr.CH.ChinnaSubbaRao

Ms. CH. Sharmisa Ms. P.Sreedevi

18MH5A0204

17MH5A0203

17MH1A0307

16MH1A0301

16MH1A0579

16MH1A0101 Mr. Abhishek kumar

18MH5A0405 Ms. V. Vasundharadevi

16MH1A0416 Ms.GunnamLavanya

17MH1A0101 Mr.K. Kumar

16MH1A0103

Mr.Anapanakevalreddy 17MH1A2701

17MH1A2709 Mr. KarniHemanth 19MH1E0021 Ms.K.Ravali



#### Department Activities

### A Five Day Faculty Development workshop on Database Design and Programming with SQL







### COGRANATOR

#### To Qualified NET





#### Dongratulations

## Sharing the pleasure in Congratulations the placed students

Student Achievements





Ms. P MADHU 15MH1A0530 CAPGEMINI



Mr. K N V S R BHASWANTH 15MH1A0516



Ms. KATARI NAVEENA 15MH1A0520 MONOCEPT



Mr. K F C RICHARD 15MH1A0516 SYNTEL



15MH1A0516 TCS



Ms. S SRI GOWRI 15MH1A0541 CAPGEMINI



Ms. MANDA SRIDEVI 15MH1A0505

Ms. V ANJANI 15MH1A0531



Ms. MANDA SRIDEVI 15MH1A0505 INFOSYS



Ms. MANDA SRIDEVI 15MH1A0505 SYNTEL



Ms. MANDA SRIDEVI 15MH1A0505 TCS



Ms. VVSSNSRI LAKSHMI 15MH1A0555 CAPGEMINI



Ms. V ANJANI 15MH1A05A4 CAPGEMINI



Ms. M L S SOWMYA 15MH1A0597

MULTIPLIER SOLUTIONS Ms. P S K VISALAKSHI 15MH1A0544 DIVAMI INTERNSHIP Mr. T S RAJASEKHAR REDDY

15MH1A0546



Ms. V V S S N SRI LAKSHMI 15MH1A0555

Ms. P H BHAVANA

15MH1A0531

SYNTEL

SYNTEL



Ms. M L S SOWMY 15MH1A0597

Ms. V ANJANI

15MH1A0531

TCS





#### Student Achievements

Sharing the pleasure in Congratulations the placed students





Ms. M NAVEENA 15MH1A0591 WIPRO



Ms. V V V S S NSRILAKSHMI 15MH1A0555 WIPRO







Mr. K R KRISHNA 15MH1A0582



Ms. T S RAJASEKHAR REDDY 15MH1A0546 WIPRO

Ms. T MANISHA 15MH1A0549 WIPRO

List

Toppers

WIPRO



IV B. Tech II Sem Toppers

III B. Tech II Sem Toppers



K UMA SRI LEKHA 16MH1A0525 8.43 (1st Place)



16MH1A0503 AYUSH ASHISH 8.33 (2nd Place)



84.5% (1st Place)

V V V S S N SRILAKSHMI 15MH1A0555



K S SURYA KANTHAM 15MH1A0578 84.33 (2nd Place)



II B. Tech II Sem Toppers



Y SAI SREE DURGA 17MH1A05B3

BANDARU SANGEETHA

17MH1A0505

8.23 (1st Place)



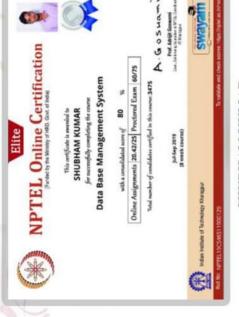
7.95 (2nd Place)



#### Student Certification



#### ADITYA SHASANK PSKPVS



#### SHUBHAM KUMAR





KOVVURI MANIKANTA SATYA SUBBAREDDY

KOVVURI MANIKANTA SATYA SUBBAREDDY

Programming, Data Structures and Algorithms
Using Python
with a consultated some of 74 %

Prof. Andrew Thangar 873. Sorteer C No.21 Online Assignments 25/25 Programming Exam 25/25 Proctored Exam 23.75/50



Swayam

#### ఆబిత్య విద్యార్ఫులు ఇన్మోవేషన్ ఫెలోషిప్ కు ఎంపిక మార్ష 2020లో అమెరాకాలోప్లిన్ ఫోర్ట్ యూనివల్కటి జరిగే కార్మక్రమంలో హాజరుకానున్నవిధ్యార్తులు

జ, జె.మేఘన, ఎం.గౌశమి, జి.మీష మరియు ఆధిత్య కాలీజ్ కళాశాల నుండి ఏ.హెచ్.వి.మి.ఎస్.ఎస్.నంఏప్, డి.రా.సెలెస్, <del>නව්සි ප</del>ේ සටසඨව**ර**් ජ**ණ**ණ ජරාදාන පටතු ජ**ෙ**රමි. ్టర్వలు యానివర్స్లీ ఇన్ఫేవేష 2ర్మన్ సల్లమిల్ల సతీష్ రె స్తాన్ ఫోల్డ్ యానివర్స్లీ ఆ ನಿರಿಂಗ್ ತ್ಯಾಂಪನ್ ಕು ತಿಂದಿನ ಮಾ అదిత్య విధ్యాసంస్థల మైన్ పైర్యన్ సల్లమల్లి సతీష్ కాఫిస్వోయా రాష్ట్రంలో గల స్టాన్ ఫ్లోర్ట్ యూమిమ్మడ్ "సిరికాస్ వ్యాబీ మీటమ్" నందు అధిత్య ఇంజనీరింగ్ కళ ನಂಡೆಪಲ್ಲಿ, ನವಂಜರ್ 11, ಪಲ್ಲಪ್ಪ್ರತ್ಯುತಿವಧಿ సంభందించిన 12మంది విద్యార్థులు ಕು ಎಂಬಿತ್ತಿನಟ್ಟು ಆದಿಕ್ಯ ವಿದ್ಯಾನಂಸ್ಥಲ ಗಂಡೆಸಲ್ಲಿ ಮಂದಲಂ ನಾರಂಪಾಶಂ ಅವಿಶ್ಯ ಇ ಸಂದೆ ಶಿ.ಕೆಪ್ (ವವಿಡೆ ಅರ್ರಜ್ಞ, ಜಿ.ಮೆಭುನ, ප්ටත් : చీరింగ్, టెక్నాలజీ









#### B TRIPURA SUDHA



#### NPTEL Online Certification

BAGULA V S S SAI LAKSHMI CHAKRAVARTHI

Programming, Data Structures and Algorithms Using Python with a consolidated score of 84 %

onts 25/25 Programming Exam 25/25 Proctored Exam 33.75/50

swayam





### Faculty Updates & Achievements

# COCRAUATOR To Qualified with NPTEL Certification Courses



#### V NEELIMA



#### **BALA ANNAPURNA**



#### **BALASANKAR VUNDAVALLI**





#### **AYANAVALLI RAMADEVI**



#### **VELICHETI ANANTHA LAKSHMI**



#### NAKKELLA MADHURI



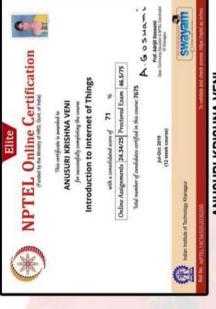
TALATAM VEERRAJU

SATYAKUMARI TADI

### Faculty Updates & Achievements

# CONCRATUATIONS To Qualified with NPTEL Certification Courses





#### **ANUSURI KRISHNA VENI**

NPTEL Online Certification

Elite



A · G O S M. M. V. M. V.

with a consolidated score of 60 %
Online Assignments 22.08/25 Proctored Exam 38.25/75

9

Introduction to Machine Learning

G.S.N MURTHY

#### P HEMA VENKATA RAMANA





SATYAKUMARI TADI

**NETI PRAVEEN** 



DR. UDAYABHANU N P G RAJU

### Faculty Updates & Achievements

## Publications in International Journal / Conferences

#### CONFERENCES:

				Name of National	National	
S. No.	SI No. Name of the teacher	Title of the naner	Title of the proceedings	the	1	near of
			of the conference	conferen internati	internati	on
				ce	onal	100
		Evolving Technologies to an	International Conference			
		Integrated biomedical System for	on "Transformation of		Total	
9	Dr. B. Annapurna	Uncertainties Evaluations Using	Public Health and	IPHCR	mernano	2019
		LM49, GSR and Respiration	Community		TOTAL	
		Sensors	Responsibility"			
13	D. C. S. N. Market		Research india		Mariana	2010
CI	Dr. G. S. Iv. Murmy		publications		INAUOUIAI	2010
		A Survey on Fog Computing	SOM Someone Considerate	3331	Totowasta	
14	Mr. T. Veerraju	Based: Research Challenges in	International Contention	1010	michigano	2018
		Security and Privacy Issues	on Computational Science	2010	IIdi	

#### JOURNALS:

S.NO	Title of paper	Name of the author/s	Departm ent of the teacher	Name of journal	Year of publicati on	ISBN/ISSN number
12	Protected Combination Of Artificial NeuralNetwork With Wireless Sensor Networks	Dr.Udayabhanu N.P.G.Raju	CSE	International Journal of Engineering and Advanced Technology (IJEAT)	2019	2249 – 8958,
13	Analysis of K*(STAR) and hierarchical clustering algorithm for education completion performance	G.S.N.Murthy	CSE	International journal of research and analytical reviews(IJRAR)	2019	2348-1269
30	EVOLUTION TO MULTIMEDIA DATABASE TECHNOLOGIES FOR ACADEMIC APPLICATIONS	Dr.B.Annapurna	CSE	International Journal of Scientific Research and Review	2019	2279-543X
32	MULTIMEDIA DATABASE CONCERNS – AN APPLICATION TO SIGHT AND SOUND WITH BLENDED SOLUTION TO IMPLEMENTATION ISSUES	Dr.B.Annapurna	CSE	International Journal of Management, Tecno logy And Engineering	2019	2249-7455











Q QUANSER INNOVATE - EDUCATE



#### TOPPERS LIST @ (16 Batch) IV B.TECH I SEMESTER Department of Computer Science and Engineering COMPUTER SCIENCE & ENGINEERING **Student Activities and Achievements**



8.36 (1<sup>st</sup> Place) 16MH1A0524 K SIVANARAYANA



8.36 (1st Place) 16MH1A05B8 SATHI SUBBA REDDY



8.00 (2nd Place) 16MH1A0520 JANAPAREDDY SUREKHA

## TOPPERS LIST @ (17 Batch) III B.TECH I SEMESTER

## COMPUTER SCIENCE & ENGINEERING



8.71 (1st Place) 17MH1A05A1 PYLA CHANDRAMOULI



8.57 (2nd Place) 17MH1A0505 BANDARU SANGEETHA



### TOPPERS LIST @ (18 Batch) II B. TECH I SEMESTER COMPUTER SCIENCE & ENGINEERING



8.64 (1st Place) 18MH1A0518 CH V CHIRANJEEVI SRI SAHITHI



8.36 (2nd Place) 18MH1A0528 GOLUGURI DEVI



8.36 (2<sup>nd</sup> Place) 18MH1A0555 YARRA VIJAYARAJU

## Department of Computer Science and Engineering

#### **Placements**

### Special Congratulation

### ENGINEERIN **LYA COLLEGE OF**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING** 







M. DURGA PRASAD 16MH1A0596









#### OF ENGINEERING **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING** EGE 1100 ADITYA

CONGRATULATIONS HEARTY



M DURGA PRASAD 16MH1A0596 or his selection in "Vaishnavi Information Technologies, Bangalore" with 4 Lakhs Package



HEARTY CONGRATULATIONS



Y RAVI KUMAR 16MH1A0564

for his selection in "T-SYSTEMS" with 3.5 Lakhs Package

# **ADITYA COLLEGE OF ENGINEERING**

Department of Computer Science and Engineering

Hearty Congratulations



G JNANAJYOTHI 16MH1A0518

16MH1A0503



J SUREKHA 16MH1A0520



K UMA SRI LEKHA 16MH1A0525



For their selection in

" Tech Mahindra "
with 3.2 LPA





Y V G MANASA SWETHA
16MH1A0563

J B RAJYA LAKSHMI 16MH1A0586

# ADITYA COLLEGE OF ENGINEERI

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING** 



SACHIN KUMAR SONI 16MH1A0552



M DURGA PRASAD 16MH1A0596



P N M SAI RAJA 16MH1A0442



K DHANA RAJU 16MH1A04F2



"Wipro" with 3.50 LPA for their selection in







Hearty Congratulal



P VENKATA LAKSHMI 16MH1A0541

or their selection in " Web Synergies " with 3 - 3.2 LPA



F KALYAN REDDY 16MH1A0558

Raybiz Technologies " or their selection i





#### List of Patents

S. S.	Name of the Faculty	Patent details	Area of the patents files/obtained	Status	Filing Agency
1	Dr. Pullela SVVSR Kumar	A Novel IoT-Enabled Accident Deterrent and Tracking System	Design	Filed	Intellectual Property
	Numan	Application Number:202041048017			India
2	G.S.N.Murthy	Quantum cryptography based method for security and cloud computingprivacy in mobile	Engineering	Filed	Intellectual Property
		Application Number:201941041198			India
3	Dr.B.Annapurna	An Automated And Integrated Mobile App For Handling Roadaccident And Emergency Situation Smartly	Electrical	Filed	Intellectual Property
		Application Number: 202041041120			IIIOIIA
4	Dr. U.N.P.G.Raju	Effective Density-Based Clustering Methods For Streaming Data	Communication	Filed	Intellectual Property
		Application Number:202041006657			India

## Department of Computer Science and Engineering

#### Achievers Day Celebrations







#### Photo Gallery

#### **Blood Donation Camp**



#### Anti Drug Awareness Camp



#### SEMESTER TOPPERS

## ELECTRONICS & COMMUNICATION ENGINEERING

### IV B. TECH II SEMESTER TOPPERS LIST @ (15 Batch)



88.67% (1st Place) 15MH5A0459 Y.SAI POOJITHA



85.00 % (2nd Place) 15MH1A04G2 PILLA VEERA ANUSHA

## TOPPERS LIST @ (16 Batch) III B. TECH I SEMESTER



8.57 (1\* Place) 17MH5A0418



8.43 (2nd Place) 16MH1A0445 P.P.S.S.SAILAJA

P.DIVYA SANDEEPTHI



8.43 (2nd Place) 17MH5A0433 K.L.N.N.SATYA SAI

## TOPPERS LIST @ (17 Batch) II B. TECH II SEMESTER



9.18 (1<sup>st</sup> Place) 17MH1A04E3 PERUGU JYOTHI



9.05 (2nd Place) 17MH1A04E9 SRI KALA GODAVARTHI

#### **EVENTS ORGANIZED**

### Talk cum Presentation on "From your Ph.D./ Masters Thesis to a start-up"



Ph.D journey is the best journey to become an entrepreneur by Reserch deeply to solve a problem.understand the big picture while you deliver the thesis Important points we have learned is past does not matter, look future Money has time value. You cannot make money what everyone knows Insiders know more than Margine example is very nice sales of shoes 500 per pair and gaining the profit of 40% is very nice Finally it is very helpful for the faculty and students attended for this presentation everything, least of all experts nobody Actually outsiders.

## CEO CONNECTS ORIENTATION PROGRAM



Aditya College Of Engineering ENTREPRENEURSHIP CLUB had conducted an event called "CEO CONECTS", (the way for spectators). This event is conducted from 20-02-2019 to 21-02-2019.

This event is purely based on orientation classes about armed forces and also mock exam on SSB( Service selection board) stage - 1 interview

Maj.Gen. VPS Bhakuni .Dr.Saddam and col.KV Nair are come from Bangalore to conduct this event

the process started by showing a picture to us and they asked us to write a story of our imagination Next day the event started with the mock SSB (Services Selection Board) Stage-1 process in which

Aditya Nagar, ADB Road, Surampalem





Now group discussions among the students are conducted based on the story they have written and story. The judges will judge the students in all aspects like listening skills speaking skills , body each student narrated their own story in group and finally they discussed and came to a common language, gestures... By checking out all these qualities they will give us an overall assement of the students and says whether they have qualified or not in SSB stage-1 process.

#### SEMINAR

A seminar was conducted to the III-year students on MEMS Switches bon 26-02-2022 by the Dr. N. V. Rao Professor, JNTUK. In this seminar 186 students are attended.

#### Placements

S.NO	REG.NO	NAME OF THE STUDENT	COMPANY NAME	DESIGNATION	СТС
-	15MH1A0407	BOLLINA MEHAR LAVANYA	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
2	15MH1A0408	BONTHU CHAITANYA PAVAN	CAPGEMINI	SOFTWARE ANALYST	3.20 LPA
3	15MH1A0440	PEDAPATI PRADEEP	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
4	15MH1A0441	PENUMARTHI SUNITHA DEVI	COGNIZANT	PROGRAMMER ANALYSIS TRAINEE	3.25 LPA
5	15MH1A0453	TAKKASILA LAKSHMI NAGA SAI LAVANYA	INVENIO SOLUTIONS	TRAINEE ENGINEER	3.60 LPA
9	15MH1A0453	TAKKASILA LAKSHMI NAGA SAI LAVANYA	TCS	ASSISTANT SYSTEM ENGINEER- TRAINEE	3.36 LPA
7	15MH1A0454	TALLURI SRAVYA REKHA	CAPGEMINI	SOFTWARE ANALYST	3.20 LPA
∞	15MH1A0463	ALAVALA SAI GOWTHAM REDDY	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
6	15MH1A0465	BANDI ABHIRAM JAYANTH	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
10	15MH1A0466	BHUVANASI ANITHA	SEGUROSOFT	TRAINEE ENGINEER	2.40 LPA
11	15MH1A0483	KEDARISETTY SWAMY	CHOLA MS GENERAL INSURANCE	TRAINEE ENGINEER	3.00 LPA
12	15mh1a04a4	SALADI SAI PHANI KUMAR	COGNIZANT	PROGRAMMER ANALYSIS TRAINEE	3.25 LPA
13	15MH1A04A7	SIVANI PAPPU	TCS	ASSISTANT SYSTEM ENGINEER- TRAINEE	3.36 LPA
14	15MH1A04A9	SUNKAVILLI SRI SATYA MANIKANTESWARI	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
15	15MH1A04B1	SYED KARIMUNNISA TABEREEN	PROLIFICS	TRAINEE ENGINEER	3.00 LPA
16	15MH1A04B8	VUTA LAKSHMI CHAKRA SAI SRUJANA	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
17	15MH1A04C2	POLISETTY GOVINDARAJU	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA

18	15MH1A04C5	BARRE SAIRAJ	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
61	15MH1A04D4	DEEPTHI SRI VEERA SAI AMBICA PATNEEDI	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
20	15MH1A04E8	KANUMURI SRI SINDHURA	CAPGEMINI	SOFTWARE ANALYST	3.20 LPA
21	15MH1A04F7	MEDAPATI SESHA VENKATA KRISHNA REDDY	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
22	15MH1A04H1	TATAVARTHI SIRISHA DEVI	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
23	15MH1A0411	KORADA SRIKANYA	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
24	16MH5A0406	VAHNIKA MEKA	PROLIFICS	TRAINEE ENGINEER	3.00 LPA
25	16MH5A0407	KARANAM SIRISHA	IBEON INFOTECH	TRAINEE ENGINEER	2.40 LPA
56	16MH5A0416	SRI HARSHA SANKU	IB HUBS	TRAINEE ENGINEER	2.40 LPA



#### Journals Publications

				<u> </u>		
Index No UGC/ Scopus	UGC	UGC	UGC	UGC	UGC	ngc
Vol/Mo nth	Volume 13, NOV (2018)	Vol6, April 2019	Vol 6, April 2019	Vol 5, Feb 2018	Vol 5, April 2018	Vol 5, Jan 2 018
ISBN/IS SN Number	0973- 4562	2249- 7455	2320- 5156	2395- 0056	2395- 0056	2395- 0056
Name of the Journal	International Journal of Applied Engineering Research	International Journal of Management Technology& Engineering	International Journal of Research in Computer and Communicati on Technology (JRCCT)	International Research Journal of Engineering and Technology(I	International Research Journal of Engineering and Technology(I RJET)	International Research Journal of Engineering and Technology(I
Title of the Paper	A Comparative Analysis on Classification of Sleep Stages Using Different Classifiers	Advanced Footstep BasedPower Generation Using ARDUINO	An Evolutionary Approach For The Generation Of Time Table Using Python Programming	Solar based Electrical Vehicle with Conductive Plastics	Solar Power Output with Optimum Tilt Angle using Matlab	Water Treatment in Industries by using Metal Doped SemiconductorNanoparticles
Name of the Faculty/ Author	Dr. U.S.B.K.Mahalakshmi	Mr.B.Praveen Kumar	Mr.B.Praveen Kumar	M.MadhuManikya Kumar	M.MadhuManikya Kumar	M.Madhu Manikya Kumar
SI.	1	2	3	4	5	9

#### **Patents**

Patent details
Nano Bio compatible hydrogel for treating External injuries

#### Book & Book Chapters

Name of the Faculty Author	No of Main Authors other	No of Main Author/ tuthors other	Title of the Book Chapter	Name of the Publisher	ISBN Number
	8	J.Prabin Jose, M.Sundaram	Contour and Texture based approaches for Advances in dental radiographic Communication and photographic s,SignalProcessi images in Forensic ng, and VLSI identification	Advances in Communication s,SignalProcessi ng, and VLSI	1732-6418
	3	Dr.T.S.Karthik	Digital Dr.T.S.Karthik Electronics:Theory and Practice	Anvi Books & Publishers	978-93-

### Semester Toppers

# TOPPERS LIST @ (16 Batch) IV B.TECH I SEMESTER



8.23 (1<sup>st</sup> Place) 17MH5A0349 CHALUMURI HAREESH



8.23 (1st Place) 17MH5A0390 V SITA RAMA SWAMY



8.09 (2nd Place) 17MH5A0337 AKULA KASI VISWANATH

# TOPPERS LIST @ (17 Batch) III B.TECH I SEMESTER



8.57 (1st Place) 18MH5A0307 GADDALA DINAKAR



8.29 (2nd Place) 18MH5A0346 UPPULURI ASHOK

# TOPPERS LIST @ (18 Batch) II B.TECH I SEMESTER



8.19 (1<sup>st</sup> Place) 19MH5A0322 K SUDARSHAN REDDY



8.05 (2nd Place) 19MH5A0348 PADALA RAVI KIRAN

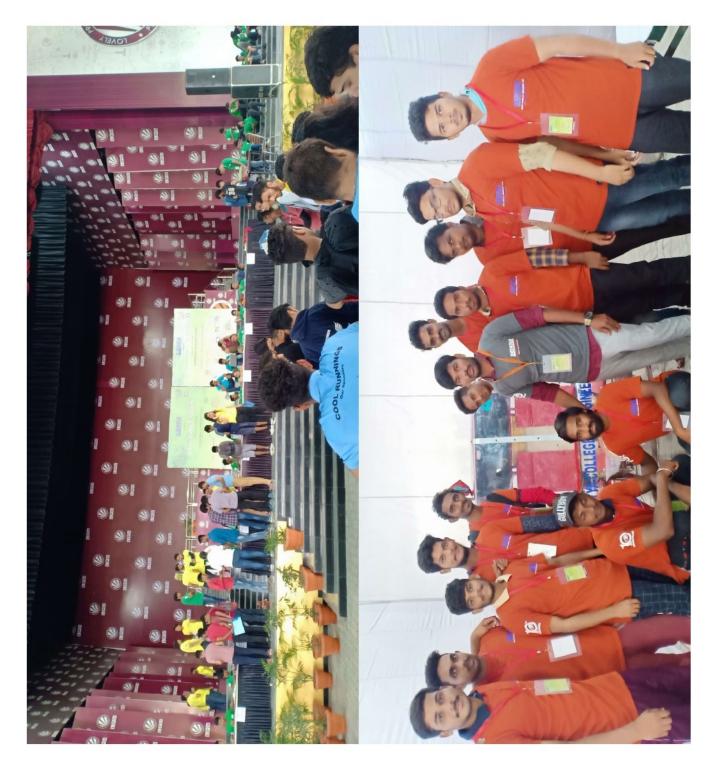
### Students Achievements

SI.No.	Name of the student	Event Name	Venue	Date
1	Ch .Kiran	SAE-NIS Efficycle	LPU Punjab	Oct 2019
2	B Subrahmanyam	SAE-NIS Efficycle	LPU Punjab	Oct 2019
3	Ch Ramaraju	SAE-NIS Efficycle	LPU Punjab	Oct 2019
4	P G N U S Chowdary	SAE-NIS Efficycle	LPU Punjab	Oct 2019
5	U Pavan	SAE-NIS Efficycle	LPU Punjab	Oct 2019
9	V Surya Teja	SAE-NIS Efficycle	LPU Punjab	Oct 2019
7	Ch Hemanth	SAE-NIS Efficycle	LPU Punjab	Oct 2019
8	K U Sandeep	SAE-NIS Efficycle	LPU Punjab	Oct 2019
6	K Srinivas	SAE-NIS Efficycle	LPU Punjab	Oct 2019
10	K Elisha Raju	SAE-NIS Efficycle	LPU Punjab	Oct 2019
11	Diddi Srinivas	Medha 2K19 (Poster)	GIER	Sep 2019
12	J Sunil Kumar	Medha 2K19 (PPT)	GIER	Sep 2019



Students at LPU in Efficycle 2019 Competitions





## Workshops attended by faculty

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration
1	Dr Anjibabu Merneedi	Structural analysis using ABAQUS	Aditya Engineering College collaborative with APSSDC	Surampalem	14/11/19 to 16/11/19
2	Mr.P.Hari chandra prasad	Structural analysis using ABAQUS	Aditya Engineering College collaborative with APSSDC	Surampalem	14/11/19 to 16/11/19

## Patents filed by faculty

US patent & Abonded Trade Mark office
Abonded
Chemical
202041006676
Dr N Bhanu Teja
1

## Faculty awarded with P.hD

			,				_
Name of the Faculty	Tit	Title of the Ph.D topic	Name of the University	Name of the Guide	Name of Date of the Guide Enrolment	Date of award	
Mr Marxim Sour Rahula Loca Bharathi B Reve	Unde Sour Loca Reve	Underwater Acoustic Source Identification and Localization in a Reverberant Environment	IIT Kharagpur	Prof. A R Mohanty	24/12/2012	24/07/2019	

# Projects developed by mechanical students

_	Name of the Project	Name of the faculty incharge	Sponsoring agency	Date/ duration	Amount spent	No of faculty involved
	BAJA	Mr P Satish	Sarojini Educational society	1 Year	10,39000/-	1
	Go-kart	Mr P Satish	Sarojini Educational society	1 Year	-/000005	1
E	Efficycle	Mr R Srinivas	Sarojini Educational society	1 Year	3,30,000/-	1

## Faculty Publications

## Student Placements

SI.No.	Enrollment	Name of the student	Employer Name
1	17MH5A0349	Chalumuri Hareesh	Hyundai Steel
2	17MH5A0362	Katta Niteesh	Hyundai Steel
3	17MH5A0323	Mentu Pavan Kumar	Hyundai Steel
4	17MH5A0314	K Uma kiran Rama Sandeep	Hyundai Steel
5	17MH5A0391	A Veera Venkata Vijay Kumar	Hyundai Steel
9	17MH5A0397	Bavirisetti Durga Prasad	Hyundai Steel
7	17MH5A0304	Annamsetti Veera Ganesh	Hyundai Steel
8	17MH5A0367	M Venkata Murali Krishna	Hyundai Steel
6	17MH5A0383	Sandaka Chinni Krishna	Hyundai Steel
10	17MH5A0384	Gadi Lova Saikumar	Hyundai Steel
11	17MH5A0336	Yarrabathula Ajay Raja	Daejoo Auto India
12	17MH5A0381	R S Venkta Naga Sailendra	Daejoo Auto India
13	17MH5A0364	Koppisetti Sai Laxman	Daejoo Auto India
14	17MH5A0327	N Hemanth Satya Naga Sekhar	Daejoo Auto India
15	17MH5A0307	Chikoti Ramaraju	Daejoo Auto India
16	17MH5A03A5	Bonthu Saikumar	Daejoo Auto India
17	17MH5A0374	Nulu Mohan Kumar	Kwangjin
18	17MH5A0301	Adapa Bhaskara Satya Naga Sai	Kwangjin
19	17MH5A0364	Koppisetti Sai Laxman	Surya Tech Sol.
20	17MH5A0322	Matsa Sai Raju	Surya Tech Sol.
21	17MH5A0327	N Hemanth Satya Naga Sekhar	Surya Tech Sol.
22	17MH5A0303	Bommotula Subrahmanyam	Surya Tech Sol.
23	17MH5A0304	Annamsetti Veera Ganesh	Surya Tech Sol.
24	16MH1A0316	Panchadi Veera Nagendra Vinay	Surya Tech Sol.
25	17MH5A0307	Chikoti Ramaraju	Extramarks
26	17MH5A0325	Nagam Chakrababu	Woosu Automotive
27	17MH5A0338	Dasari Ayyappa	Woosu Automotive
28	17MH5A0302	Amujuri Sai Venkat	Kwangsung
29	17MH5A0309	Diddi Srinivas	Kwangsung
30	17MH5A0315	Sanapala Koteswara Rao	Kwangsung
31	17MH5A0316	Karri Bhaskar Pavan Kumar	Kwangsung
32	17MH5A0359	Jakkilinki Sunilkumar	Kwangsung
33	17MH5A0375	Akula Jyothiswaroop	Kwangsung
34	16MH1A0322	Shiv Kumar	Kwangsung
35	16MH1A0313	M V S S P Gupta	Kwangsung

## SEMESTER TOPPERS

# TOPPERS LIST @ (16 Batch) IV B.TECH II SEMESTER



9.13 (1st Place) 17MH5A0393 GANDI ANUDEEP KUMAR



9.0 (2nd Place) 17MH5A0345 KOYYALA ELISHARAJU



9.0 (2nd Place) 17MH5A0397 BAVIRISETTI DURGA PRASAD

# TOPPERS LIST @ (17 Batch) III B.TECH II SEMESTER



8.29 (1st Place) 18MH5A0307 GADDALA DINAKAR



8.14 (2<sup>nd</sup> Place) 18MH5A0308 G V V SATYA SAI RAVI TEJA



8.14 (2nd Place) 18MH5A0341 SEELI JOHN MOSES

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## Faculty Publications in Conferences

SI. No.	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s
	Dr DVSSSV Prasad	A rigidity approach to find distinct mechanisms of a planar kinematic chain	International Conference on Energy, Materials Sciences & Mechanical Engineering-2020 (EMSME 2020), National Institute of Technology, New Delhi, India	March-2020
7	Dr DVSSSV Prasad	A Numerical approach to find distinct mechanisms of a planar kinematic chain using linkage coordinates	International Conference on Energy, Materials Sciences & Mechanical Engineering-2020 (EMSME 2020), National Institute of Technology, New Delhi, India	30-10-2020 to 01-11-2020
3	Dr DVSSSV Prasad	Exergy analysis on various VAR System Components- A Comprehensive Review	Two Day Online National Conference on Recent Technologies and Basic Sciences- 2020, BVC Engineering College, Amalapuram, India	16-07-2020
4	Dr DVSSSV Prasad	A Novel algorithm to find distinct mechanisms of a kinematic chain using link polynomial	Two Day Online National Conference on Recent Technologies and Basic Sciences- 2020, BVC Engineering College, Amalapuram, India	16-07-2020
5	Dr DVSSSV Prasad	A comparative study of VR headsets	Two Day Online National Conference on Recent Technologies and Basic Sciences- 2020, BVC Engineering College, Amalapuram, India	16-07-2020



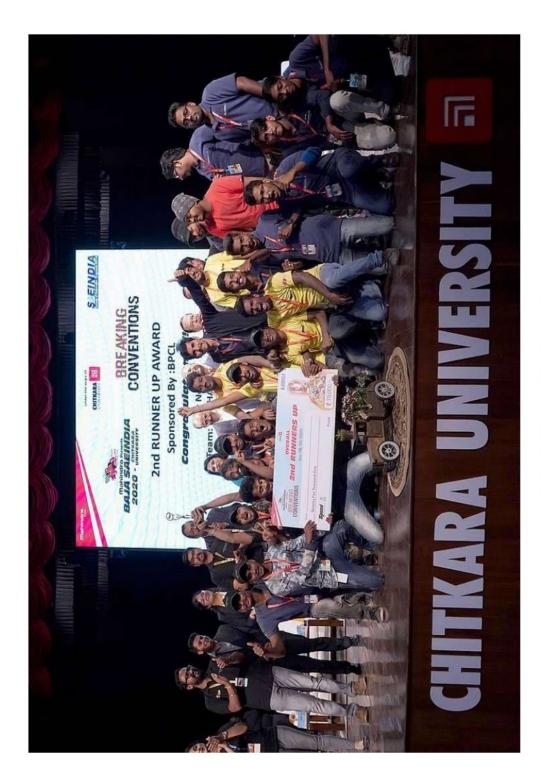
## Faculty Research Publications (Journals)

Name of the Faculty Author		Title of the Paper	Name of the Journal	ISBN/ISSN Number
Dr Anjibabu Merneedi Iaminate under	Experimental i bio-waste reini laminate under	Experimental investigation on wear behaviour of bio-waste reinforced fusion fiber composite laminate under various conditions	Materials Today: Proceeding	2214-7853
Dr N Bhanu Teja Performance using cetane	Performance using cetane	Performance optimization of mahua biodiesel using cetane number improver	Materials Today: Proceeding	2214-7853
Mr Satish Perabathula graphene oxi	"Performance Iubricants wii graphene oxi	"Performance analysis of mineral oil based nano- lubricants with sulphur impregnated reduced graphene oxide nanosheets	Materials Today: Proceeding	2214-7853
Dr N Bhanu Teja characteristics i oil methyl ester	Investigations characteristic oil methyl est	Investigations of performance and emission characteristics in diesel engine fueled with Hemp oil methyl ester	Materials Today: Proceeding	2214-7853
Dr N Bhanu Teja synthesis of Mar characterization	Production Prospection Prospection Production Productio	Production Process Optimization study on the synthesis of Manilkara zapota seed bio-oil and its characterization	Biomass Conversion and Biorefinery	2190-6823
Dr N Bhanu Teja renewable fu	Detailed anal renewable fu	Detailed analysis on sterculia foetida kernel oil as renewable fuel in compression ignition engine	Biomass Conversion and Biorefinery	2190-6823
Dr N Bhanu Teja Biodiesel Pro	Biodiesel Pro	Biodiesel Production from racenosa oil	Indian Journal of Geo Marine Sciences	2582-6727



## List of faculty awarded with P.hD

SI. No.	Name of the Faculty	Title of the Ph.D topic	Name of the University	Name of the Guide	Date of Enrollment	Date of award
	Mr Nalla Bhanu Teja	Performance, combustion and emission investigation in an unmodified diesel engine using Esterfied prunus Domestica and watermelon oils-diesel blends	Pondicherry University	Dr. N. Alagumurthi	12/7/2016	12/7/2016 24-1-2020
2	Mr YKS Subba Rao	Impact Of Tamanu Biodiesel Blends On Combustion Performance And Emissions Of VCR Engine And Modelling By Neural Networks	Jawaharlal Nehru Technological University Kakinada	Dr B Balakrishna	18.11.2013	18.11.2013 14.10.2020



AT Chitkara University



AT STEPCONE 2020 Held at GMRIT Rajam

### SEMESTER TOPPERS

### **DEPARTMENT OF MECHANICAL ENGINEERING**

### TOPPERS LIST @ (17 Batch) /V B. TECH / SEMESTER



9.32 (1st Place) 17MH5A0131 POTHALA ROOPESH



7.95 (2<sup>nd</sup> Place) 17MH5A0123 N SAI MANIKANTHA

### TOPPERS LIST @ (18 Batch) III B. TECH I SEMESTER



8.86 (1st Place) 18MH5A0130 UGGIRALA PRAMEELA



8.71 (2<sup>nd</sup> Place) 18MH5A0101 **AEINAPARTHI ASHA** 

### TOPPERS LIST @ (19 Batch) II B. TECH I SEMESTER



8.23 (1st Place) 19MH5A0106



8.09 (2<sup>nd</sup> Place) 19MH5A0105 BANKA JASWANTH REDDY B HEMA SURYA SANKAR



### Student Placements

Sl.No.	Roll Number	Name of the Student	Company Name	CTC
1	16MH1A0102	BURRA SIVA SAI VEERA BABU	ROBO CONSTRUCTIONS	2.2LPA
2	16MH1A0106	guntuboyona l v sai prakash	ROBO CONSTRUCTIONS	2.2LPA
3	16MH1A0107	KOTTURU RAVI KUMAR	ROBO CONSTRUCTIONS	2.2LPA
4	17MH5A0112	kodidasu vinay prakash	ROBO CONSTRUCTIONS	2.2LPA
5	17MH5A0118	m.jagannadhavenkatasatish	ROBO CONSTRUCTIONS	2.2LPA
6	17MH5A0130	penkey ravikrishna	ROBO CONSTRUCTIONS	2.2LPA
7	17MH5A0132	raparthi venkata someswararao	ROBO CONSTRUCTIONS	2.2LPA
8	17MH5A0110	kasanneni suhasini	MILEKAL	3 LPA



### Research Publications by faculty

S.NO	Name of the Faculty Author	Title of the Paper	Name of the Journal
1	Mr. K.Jaya Rao	Development of traffic stream characteristic models under mixed traffic conditions	Materials today proceedings
2	Mr.V.Swamy Nadh	Ideal Location Of Outrigger System And Its Efficiency For Unsymmetrical Tall Buildings Under Lateral Loadings	IJSR
3	Mr. B.Maheedhar	Mechanical Properties of Light Transmitting oncrete	IJITEE
4	Mr. U.Praveen Kumar	Mechanical Performance of Asphalt Mixture Percentage in Recycled Aggregate Pavemen	TEST
5	Mr. U.Praveen Kumar	Seismic response on multi-storied building having shear walls with and without openings	Materials today proceedings

## THE DEPARTMENT ACTIVITIES CONDUCTED BY

The Department of EEE celebrated the Achievers day on 21st Dec, 2019 for the 2019-20 placed students.









### INDUSTRIAL VISIT

Powergrid 765/400kv GIS Substation Vemagiri (located in Anuru, East Godavari) authorities gave the permission for 2017 admitted batch of III year studens to visit the plant on the on 30th August, 2019. III B. Tech I Sem of EEE Sri.V.Murthy Excutive Engineer of the vemagiri substation along with two Maintenance Engineers expalined the Students (2017-21 batch) visited the plant in morning session accompanied by two assistant professors.

substation details





## ACTIVITIES CONDUCTED BY THE DEPARTMENT

The Department of EEE organized a three day workshop on "Engineering Exploration Project" from 13th -15th Nov, 2019 Mrs. N. Sumathi, Associate Professor Department of EEE, UCEK, INTUK, Kakinada, was the resource person for the event. 36 students are participated in the workshop.





The Department of EEE organized a three day workshop on "Three day college level Boot camp on Ideation and Venture creation" from 5<sup>th</sup> -7<sup>th</sup> Dec, 2019. Mr.K.B.S Tarun Kumar Intern Venture Coach APSSDC Tadepalligudem, Vijayawada, was the resource person for the event. 36 students are participated in the workshop.





Students developing their ideas

### FACULTY ACHIEVEMENTS

## International Journal/ Conference Publications

o N	Danan
2.10	raper
	Dr.A.Ramesh, "Simulation and Prototype Implementation of Hybrid H-bridge MLI with Minimum Switches",
,	International Journal of Engineering and Advanced Technology , ISBN Number 2249-8958, Vol.8, no.6S2,
1	August 2019.
<i>P</i>	Dr. M.Ravindra, " Necessity of Power System State Estimation: A Generalized Linear State Estimation with
,	application of PMU measurements", in In 4th international conference on innovations in Electrical and
4	Electronics Engineering (ICIEEE-2019), on 26th, 27th July 2019 organized by Guru Nanak Institutions Technical
	Campus Hyderabad.
	Dr. M.Ravindra, "A Sensitive based approach for optimal allocation of OUPFC in under single line
,	contingencies", in 5th International conference on Micro Electronics Electromagnetics and Telecommunications
0	(ICMEET-2019), on 6th-7th Dec 2019 organized by Department of Electronics and Communication
	Engineering, Raghu Institute of Technology, Vishakhapatnam.
_	Mr.U. P. Kumar Chaturvedula, "Fuzzy based energy management in PV-battery hydro based micro grid,
†	Journal of Emerging Technologies and Innovative Research", ISSN-2349-5162, Vol. 6, no. 6, June 2019.

### Online Courses Completed

S.No	Name of the Faculty	Name of the Course	Duration	NPTEL/Coursera
1	Mr.K.Manoz kumar Reddy	Enhancing soft skills and personality	8 weeks	NPTEL (ELITE)
2	Mr. K.Manoz kumar Reddy	Electrical machines	12 weeks	NPTEL (ELITE)
3	Mr.K.Manoz Kumar Reddy	Energy: The Enterprise	28 <sup>th</sup> may 2019/4 weeks	NPTEL

## Seminars/Workshops/FDPs Attended

S.No.	Name of the faculty	Name of the Event	Name of the organizer	Place/ Location	Dates/ Duration
1	Mr.Donepudi Tata Rao	A Seminar on " Power Generation and Faults detections"	Aditya College of Engineering	Surampalem	18-7-2019
2	Mr.Chaturvedula Uma Phanendra Kumar	A Seminar on " Power Generation and Faults detections"	Aditya College of Engineering	Surampalem	18-7-2019
8	Mrs.Kambampati Lakshmi	A Seminar on " Power Generation and Faults detections"	Aditya College of Engineering	Surampalem	18-7-2019
4	Mr.MajjiVenkata Kumar Reddy	A Seminar on " Power Generation and Faults detections"	Aditya College of Engineering	Surampalem	18-7-2019
S	Mr.ManthinaSaty anarayanaRaju	A Seminar on " Power Generation and Faults detections"	Aditya College of Engineering	Surampalem	18-7-2019

### STUDEMT ACHIEVEMENTS

## Student Achievements in Curricular activities:

S.No	Name of the students	Name of the event	Topic	Venue	Date	Award/ Reward
1	M.Veerendra	ADIVIKA 2K19	Paper Presentation on "Fly Ash Utilization"	Adikavi Namaya University Rajahmundry	06-09-2019	First
2	M.Veerendra	MEDHA	Paper Presentation on "Power Generation	Godavari Institute of	13.00.3010	Ţ.
3	K.V.V.S.M.Nik hil	Tech Fest	Timougn Thermoelectric Generators"	Engineering & Technology	13-03-2019	гим
4	R. Pushpa Kumari	VEDA 2K 19	Poster Presentation on "Contactless Energy	Aditya College of Engineering &	13-09-2019	First
5	S. Jagadeeswari		Transfer Systems"	Technology		
9	G. Sai	VEDA 27/10	Technical Paper Presentation On	Aditya College of	13-09-2019	first
7	D. Srinivas	VEDA ZNIS	"Energy Saving Motors"	Technology		

## Student Achievements in Co-curricular activities

Award/ Reward	First	- to	FIISI		second		
Date	06-09-2019	13-09-2019			13-09-2019		
Venue	Adikavi Nannaya University	Aditya College of	Technology	Technology Aditya College of Engineering & Technology			
Topic	Tek-Talk	Electric Cross	niow		Project Expo		
Name of the event	ADIVIKA 2K19	0140 4040	VEDA ZNIS	VEDA 2K19			
Name of the students	M.Veerendra	D.Santosh Kumar	G.Hemanth Vamsi Krishna	Gode Akouba Marie Angele	Okoro Chukwu Ebuka Cornelius		
S.No	1	2	3	4	5		

### STUDEMT ACHIEVEMENTS

## TOPPERS in the III<sup>rd</sup> Year-II Sem Results



8.19 (1" Place) 17MH5A0263 K N V <u>V</u> NAVEEN SAI



8.14 (2nd Place) 17MH5A0247 DASARA SANTOSH KUMAR

## TOPPERS in the IInd Year-II Sem Results



8.91 (1st Place) 18MH5A0201 BOJANKI SATISH KUMAR



8.91 (1st Place) 18MH5A0213 PERAM SIVAPARVATHI



8.23 (2nd Place)
18MH5A0219
YELLAPU MANIKANTA SWAMY

## TOPPERS in the Ist Year-II Sem Results



9.50 (1" Place) 18MH1A0204 TUMPALA NEELIMA



## THE DEPARTMENT ACTIVITIES CONDUCTED BY

The Department of EEE organized a four day workshop on ""Intellectual Property Rights(IPR)" from 6<sup>th</sup>-9<sup>th</sup> Jan, 2020.Dr.PS.Ranjit, Professor Dept. of Mechanical Engineering, Aditya Engineering College(A), was the resource person for the event. 110 students are participated in the seminar







A Three day workshop on "Generate your Business Ideas" by Mr.K.B.S Tarun Kumar,Intern Venture Coach APSSDC, Tadepalli, Viajayawada



Students gathering Information from Business People

## THE DEPARTMENT ACTIVITIES CONDUCTED BY

Department of EEE organized a seminar on "Power Semi-Conductors and Drives" on 20th Jan, 2020.Dr N. Jaya Ram, Associate Professor, National Institute of Technology, Andhra Pradesh.





Department of EEE organized a seminar on "Advanced Control Systems" on 12th Mar, 2020 by Dr. M. Siva Kumar Professor, EEE department, Gudlavelleru Engineering College.





## FACULTY ACHIEVEMENTS

## International Journal/ Conference Publications

ON O	Donote
S. NO.	raper
	Mr. K.Manoz kumar reddy, " Critical Line based Optimal Allocation of UPFC to improve Voltage Stability
-	of the system", International Journal of Recent Technology and Engineering, ISBN Number 2277-3878,
1	Volume-8 Issue-6, March 2020.
	Dr. M.Ravindra, "Complete Observability Constrained Deployment of PMUs in Power System Network:
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,	K.Manoz Kumar Reddy, "Histogram pattern and Kalman filter approach based real time object recognition
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	K.Manoz Kumar Reddy, "Analysis of level shifted carrier PWM methods for 25- level Cascaded H Bridge
4	Inverter in MATLAB/Simulink", International journal of future generation communication and networking,
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	U. P. Kumar Chaturvedula, M.Ravindra, "Power Congestion Control Considering UPFC to Enhance
S	Voltage Stability of the System", International Journal of Engineering and Advanced Technology, ISBN
	Number 2249-8958 Vol.9 no.3, Feb 2020.
	K.Manoz Kumar Reddy, "Fractional-Order Extremum Seeking MPPT for Photovoltaic System", in
9	International Conference on Emerging Trends and Advances in Electrical Engineering and Renewable Energy.
	Jan 2021 on 5th march 2020, organized by KIIT School of Electrical Engineering, Odisha.

### Online Courses Completed

S.No	Name of the Faculty	Name of the Course	Duration	NPTEL/Coursera
1	Mr.K.Manoz kumar Reddy	Electric Power Systems	4 weeks	Coursera
2	Mr. K.Manoz kumar Reddy	Safety in the Utility Industry	4 weeks	Coursera
3	Mr.K.Manoz Kumar Reddy	Natural gas	ī	Coursera
4	Mr.K.Manoz Kumar Reddy	AI For Everyone	$17^{\rm th}$ may $2020$	Coursera
5	K.Lakshmi	Electrical Power Systems	4 weeks	Coursera
9	Mr.D.Tata Rao	E-learning Program on Transformer	19-05-20/one week	Coursera
7	Mr.Ch.Manoj	Electrical Power System	4 weeks	Coursera

### STUDENT ACHIEVEMENTS

## Toppers in the IIIrd Year-II Sem Results



8.91 (1" Place) 17MH5A0264 K SAI SATYA PRIYA



8.36 (2nd Place) 17MH5A0224 K SAMANTHAKA MANI



8.36 (2nd Place) 17MH5A0263 K N V V NAVEEN SAI

## TOPPERS in the IInd Year-II Sem Results



8.71 (1st Place) 18MH5A0219 YELLAPU MANIKANTA SWAMY



8.57 (2nd Place)
18MH5A0213
PERAM SIVAPARVATHI

## TOPPERS in the Ist Year-II Sem Results



8.36 (1" Place) 18MH1A0204 TUMPALA NEELIMA



8.36 (1" Place) 19MH5A0219 VELAGA ANIL KUMAR



7.95 (2nd Place) 19MH5A0263 THIPPANA SURENDRA



### Research Publications by faculty

S.NO	Name of the Author	Title of Paper	Name of Journal
1	B.Jyothi	Null steering in linear arrays for Multiple Null positions	International Journal of Recent Technology and Engineering
2	Dr. G.Packiaraj	Preparation of Magneto Electric (Bafe12o19/Bifeo3) Composites using Sol-Gel Auto Combution Method	International Journal of Innovative Technology and Exploring Engineering
3	Dr. A.Neeraja	Free Radiation and Viscious Dissipation Effects on MHD Convective Flow along a Moving Vertical Porous Plate with Suction and Chemical Reaction in Presence of Soret and Dufour Effects	International Journal of Innovative Technology and Exploring Engineering
4	Dr. A.Neeraja	Effects of Viscious Dissipation and Convective Boundary Conditions on Magneto Hydro Dynamics Flow of Casson Liquid over a Deformable Porous channel	Results in Engineering
5	Dr. G.Packiaraj	Effect of 200 MeV Ag16+ swift heavy ion irradiation on structural and magnetic properties of Mtype barium hexaferrite	Materials Research Express
6	Dr. A.Neeraja	Numerical Study of MHD Casson Liquid Stream over an infinite Vertical Porous Plate with Newtonian Heating	Indian Journal of Science and Technology
7	Dr. G.Packiaraj	Magnetic properties of Cu and Al doped nano BaFe12O19 ceramics	Biointerface Research in Applied Chemistry

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	Print Journals	4	4	9	4	4	9	4	4	36
ISE	Volumes	3845	5813	6856	4960	2950	2290	2395	2275	31384
DEPARTMENT WISE	Titles	290	685	720	655	325	670	280	265	4190
	Department	H&BS	CSE	ECE	EEE	ME	MBA	PT	CE	TOTAL
	SI.No	1	2	ĸ	4	2	9	7	œ	

## OTHER KNOWLEDGE RESOURCES

REPORTS PROJECT 1011

1029

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77

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Dr. S.R. RANGANATHAN
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