



# ADITYA

## COLLEGE OF ENGINEERING

### 2020-21

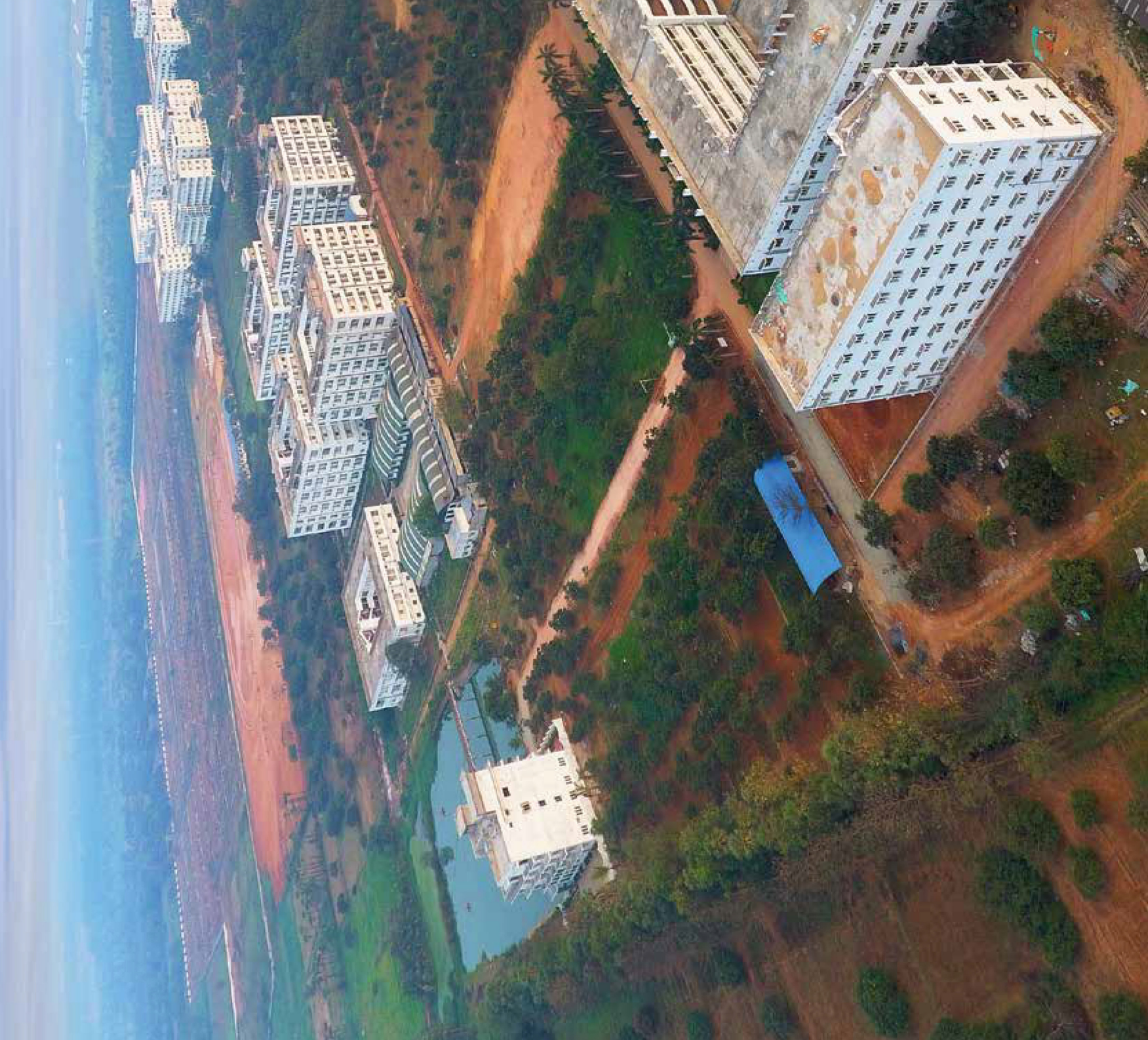


*Rising to new horizon*



# ADITYA COLLEGE OF ENGINEERING -

Estd : 2008, Permanently affiliated to JNTUK, Approved by AICTE -  
Accredited by NAAC, Code : **ACES**







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# Chairman's Message



**Dr. N.SESHA REDDY**  
CHAIRMAN

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

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

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 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 the shape of Aditya Educational Institutions.

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-of-the-art infrastructure, picturesque & inspiring setting and devoted team of faculty-members and administrators. The learning ambience at all the constituting Institutions is perfectly suited for all-round growth and academic excellence. Today, the group has a proud record of evolving efficient, confident and highly knowledgeable technocrats, managers, pharmacists and entrepreneurs with global thinking and futuristic mind-set.

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



# Vice-Chairman's Message



As a direct product of Aditya I know how my 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 offer professional education in Engineering, technology, management and pharmacy with the core concepts of

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

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 opportunities provided to students with enough competitive inputs to become T-shaped engineers, facilitate internship opportunities on the campus, develop partnerships 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 environment which is beyond just knowledge and marks, a lot of emphasis is laid on the overall personality development of the students.

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

Learning is not just confined to the classroom at Aditya. It is something beyond that in the form of conferences, workshops, seminars, guest lectures, hackathons, appons, project making, community initiatives, sports, cultural, clubs and other co-curricular and extra-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 dynamic 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.

With a close watch on the dynamics of the fast-changing world which urges the academicians to give the right impetus for making life-long learners we ensure the on-going relevance of our academic programs twined with substantial training on Industry-oriented employability skills and scientific assessment and evaluation. Also, with a belief that, character, without which a man though may be useful to himself, would not be useful to the society, we strive 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

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

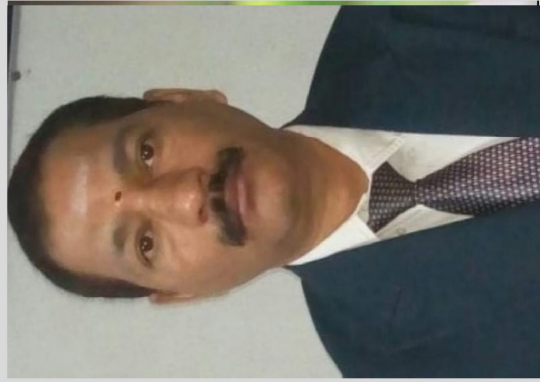
- Aristotle.

The significant problems we face cannot be solved at the same level 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 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.

Technology should be used to help remove poverty from the world. In fact 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, Strengthen the mind, expand the intellect and establish a culture of looking at problems in a new perspective. The student is put through rigorous training so that he can stand on his own feet after leaving the portals of the Institute.



# Dean's Message



**Dr. Pullela SVVSR Kumar**  
**Dean (A & A)**

In a constantly changing environment, having life skills is an essential part of being able to meet the challenges of everyday life. The dramatic changes in global economies over the past five years have been matched with the transformation 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 such as the ability to deal with stress and frustration. Today's students will have many new jobs over the course of their lives, with associated pressures and the need for flexibility.

Skill 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 to come.

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, 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 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 order to stay on top of things, one has to stay aware of what is happening around the world. One has 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 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 Sresha 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 College is 15 KM away from Samalkot Railway Station on Howrah-Chennai Railway line in South Central Railway. The College is 35 Km away from Kakinada and Rajahmundry on ADB Road.

The College has three academic Buildings with a total carpet area of 44,524 Sq. Mts. apart from two boys hostels and one girls hostel buildings. The particulars of academic buildings and the departments / offices accommodated are as follows. The college proudly offers 9 UG and 8 PG programmes in engineering, MCA, MBA and MBA (Integrated) with 15 years of rich standing in the educational era. Besides, 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 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 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

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

## VISION

*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.*

# Enlightens the Nescience



# ADITYA COLLEGE OF ENGINEERING

## College Magazine

### 2020-21

#### EDITORIAL BOARD

|                           |                       |            |
|---------------------------|-----------------------|------------|
| Dr. A.Ramesh              | Mr. G. Sai            | 18MH5A0204 |
| Mr.Y.K.S.Subba Rao        | Mr. Allu Sivaji       | 17MH5A0203 |
| Mr.M.Sarat Chandra Prasad | Mr. P. Ramesh         | 17MH1A0307 |
| Mr.M.Raghunath            | Mr. B. Satish         | 16MH1A0301 |
| Mr. S.NizamuddinKhadri    | Mr. GaddiBharath      | 16MH1A0579 |
| Smt. P.N.S Lakshmi        | Mr. Abhishek kumar    | 16MH1A0101 |
| Mr. B.V.S.S Gopal         | Ms. V. Vasundharadevi | 18MH5A0405 |
| Mr. U. Abhishek Kumar     | Ms.GunnamLavanya      | 16MH1A0416 |
| Mr.CH.ChinnaSubbaRao      | Mr.K. Kumar           | 17MH1A0101 |
| Ms. P.Sreedevi            | Ms. CH. Sharmisa      | 16MH1A0103 |
|                           | Mr.Anapanakevalreddy  | 17MH1A2701 |
|                           | Mr. KarniHemanth      | 17MH1A2709 |
|                           | Ms.K.Ravali           | 19MH1E0021 |





With Global Excellence, National Relevance and Industry preference as prime motto, the Department of Computer Science and Engineering fosters greater learning experience by providing a broader scientific and practical approach to computation and its applications.

The department has been consistently fulfilling its role by transforming students into technically competent, socially responsible and ethically professional graduates. Remarkably, two students of the department received gold medals for being the toppers at the university level.

Well-equipped class rooms, well networked Labs setup with latest software, Industry-Integrated projects, creative teaching-learning process, research based activities in the emerging areas, impressive placements, certification courses make the department well advanced on the professional front.

Flagging the reputation of Aditya at national and international levels, the faculty of the department have been conferred with numerous prestigious awards and accolades. Several faculty members review technical articles for journals, serve on the editorial boards of national and international journals, deliver guest lectures and organize workshops and symposia.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



## **HOD Message**



Dr.G.S.N.Murthy

The scope of computer science is endless. The students of the computer science and engineering are highly demanded by the recruiters of the top companies. Through innovative teaching- learning process a teamwork approach and leadership building experience, our students gain vital communication and critical-thinking skills. Our institution provides a platform for the students to enhance their employability skills through Industry Institute Collaboration.



## Department of Computer Science and Engineering

### Achievers Day Celebrations





# Special Congratulations


**ADITYA**  
 COLLEGE OF ENGINEERING  
 Aditya Nagar, ADB Road, Surampalem

## Congratulations



**SACHIN KUMAR SONI**  
 16MH1A0552

for his selection in


**With 19 LPA**


**ADITYA**  
 COLLEGE OF ENGINEERING  
 Aditya Nagar, ADB Road, Surampalem

## Congratulations



**V S K SUBHASH**  
 17MH1A0581

Department of  
Computer Science and Engineering

for being placed in

|                            |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| with<br><b>5.35</b><br>LPA | with<br><b>4.50</b><br>LPA | with<br><b>3.60</b><br>LPA | with<br><b>3.50</b><br>LPA | with<br><b>3.36</b><br>LPA |
| <b>YASH</b><br>TECHNOLOGY  | <b>DXC</b><br>TECHNOLOGY   | <b>GENESIS</b>             | <b>Tech Mahindra</b>       | <b>tcs Ninja</b>           |

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**ADITYA**  
 COLLEGE OF ENGINEERING  
 Aditya Nagar, ADB Road, Surampalem

## Congratulations



**CH VIKAS REDDY**  
 17MH1A0512

Department of  
Computer Science and Engineering

for being placed in

|                            |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| with<br><b>5.00</b><br>LPA | with<br><b>4.50</b><br>LPA | with<br><b>3.80</b><br>LPA | with<br><b>3.60</b><br>LPA | with<br><b>3.60</b><br>LPA |
| <b>FWB</b>                 | <b>accenture</b>           | <b>Cognizant</b>           | <b>DXC</b><br>TECHNOLOGY   | <b>DXC</b><br>TECHNOLOGY   |

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**ADITYA**  
 COLLEGE OF ENGINEERING  
 Aditya Nagar, ADB Road, Surampalem

## Congratulations



**Y S SREE DURGA**  
 17MH1A0583

Department of  
Computer Science and Engineering

for being placed in

|                            |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| with<br><b>4.50</b><br>LPA | with<br><b>3.80</b><br>LPA | with<br><b>3.60</b><br>LPA | with<br><b>3.36</b><br>LPA | with<br><b>3.36</b><br>LPA |
| <b>CDK Global</b>          | <b>Cognizant</b>           | <b>DXC</b><br>TECHNOLOGY   | <b>DXC</b><br>TECHNOLOGY   | <b>tcs AQT</b>             |

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**ADITYA**  
 COLLEGE OF ENGINEERING  
 Aditya Nagar, ADB Road, Surampalem

## Congratulations



**L GOVINDA**  
 18MH5A0502

Department of  
Computer Science and Engineering

for being placed in

|                            |                            |                            |                            |                            |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| with<br><b>6.00</b><br>LPA | with<br><b>3.60</b><br>LPA | with<br><b>3.60</b><br>LPA | with<br><b>3.36</b><br>LPA | with<br><b>3.36</b><br>LPA |
| <b>pwc</b>                 | <b>DXC</b><br>TECHNOLOGY   | <b>DXC</b><br>TECHNOLOGY   | <b>tcs AQT</b>             | <b>tcs AQT</b>             |

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## Special Congratulations

**ADITYA**  
COLLEGE OF ENGINEERING  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Hearty Congratulations**

  
T7MH1A0528  
**KOLLILAVANYA DEVI**  
For her selection in  
"CDK GLOBAL" with 4.5 LPA

Aditya Nagar, ADB Road, Surampalem, East Godavari, Andhra Pradesh - 533437

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, East Godavari, Andhra Pradesh

**Congratulations**  
for being placed in  
**aws**  
with CTC of  
**22**  
Lacs Per Annum  
**Jaya Sree**  
B.Tech ( CSE )

  
#adityaspride

adcoee.edu.in

## Department of Computer Science and Engineering

### NPTEL Student Certification

 **Elite** **NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)

This certificate is awarded to  
**DEVI GOLUGURI**  
for successfully completing the course  
**Programming in Java**  
with a consolidated score of **78** %

|                    |          |                  |       |                |          |
|--------------------|----------|------------------|-------|----------------|----------|
| Online Assignments | 24.38/25 | Programming Exam | 25/25 | Proctored Exam | 28.33/50 |
|--------------------|----------|------------------|-------|----------------|----------|

Total number of candidates certified in this course: 3157

  
**Prof. G P Raja Sekhar**  
Dean, Continuing Education  
IIT Kharagpur

  
  
**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CSE58562340090

To validate and check scores: <https://nptel.ac.in/noc>

## Department of Computer Science and Engineering

### **Placements**

| S.No | Date | Roll No    | Student Name                        | Company Name | Package  |
|------|------|------------|-------------------------------------|--------------|----------|
| 1    | June | 17MH1A0528 | KOLLI LAVANYA DEVI                  | CDK GLOBAL   | 4.5 LPA  |
| 2    | Aug  | 17MH1A0509 | BOKKA TRIPURASUDHA                  | DXC          | 3.60 LPA |
| 3    | Aug  | 17MH1A0510 | SAMSANI HIMAVARSHINI                | DXC          | 3.60 LPA |
| 4    | Aug  | 17MH1A0524 | KADA PUJITHA                        | DXC          | 3.60 LPA |
| 5    | Aug  | 17MH1A0530 | ANUPAM KUMAR                        | DXC          | 3.60 LPA |
| 6    | Aug  | 17MH1A0531 | MALNEEDI SAI VINAY SANKAR           | DXC          | 3.60 LPA |
| 7    | Aug  | 17MH1A0556 | VINJAMURI SAI VINEELA               | DXC          | 3.60 LPA |
| 8    | Aug  | 17MH1A0561 | AVASARALA VENKATA VINEELA           | DXC          | 3.60 LPA |
| 9    | Aug  | 17MH1A0576 | KOMMANA SWARNA LALITHA MAHALAKSHMI  | DXC          | 3.60 LPA |
| 10   | Aug  | 17MH1A0594 | PADAMATA MOHIT                      | DXC          | 3.60 LPA |
| 11   | Aug  | 17MH1A05A1 | PYLA CHANDRAMOULI                   | DXC          | 3.60 LPA |
| 12   | Aug  | 17MH1A05B1 | VAYUGUNDALA S K M N VENKATA SUBHASH | DXC          | 3.60 LPA |
| 13   | Aug  | 17MH1A0501 | ADITYA SHASANK P S K P V S          | DXC          | 3.60 LPA |
| 14   | Aug  | 17MH1A05B3 | YERRAMSETTI SAI SREE DURGA          | DXC          | 3.60 LPA |
| 15   | Aug  | 18MH5A0502 | LAKKARAJU GOVINDA                   | DXC          | 3.60 LPA |
| 16   | Nov  | 17MH1A0503 | ANKUSH KUMAR JHA                    | MINDTREE     | 2.97 LPA |
| 17   | Dec  | 17MH1A0599 | POTHULA LAKSHMI SRILEKHA            | TCS          | 3.36 LPA |
| 18   | Jan  | 17MH1A0584 | MATTAPARTHI UMA SUJANA              | TCS          | 3.36 LPA |
| 19   | Feb  | 17MH1A0541 | NARALASETTI RAJA                    | TCS          | 3.36 LPA |



|    |     |            |                                     |     |          |
|----|-----|------------|-------------------------------------|-----|----------|
| 20 | Mar | 17MH1A0547 | SHUBHAM KUMAR                       | TCS | 3.36 LPA |
| 21 | Apr | 17MH1A05A1 | PYLA CHANDRAMOULI                   | TCS | 3.36 LPA |
| 22 | May | 17MH1A05B1 | VAYUGUNDALA S K M N VENKATA SUBHASH | TCS | 3.36 LPA |
| 23 | Jun | 17MH1A05B3 | YERRAMSETTI SAI SREE DURGA          | TCS | 3.36 LPA |
| 24 | Jul | 18MH5A0502 | LAKKARAJU GOVINDA                   | TCS | 3.36 LPA |
| 25 | Aug | 17MH1A05B5 | UJJWAL PRAKASH                      | TCS | 5.0 LPA  |



#### Hearty Congratulations



V SAI VINEELA 17MH1A05B6  
A V VINEELA 17MH1A05B1  
K S L MHALAKSHMI 17MH1A0576  
P CHANDRAMOULI 17MH1A05A1  
MOHIT PADAMATA 17MH1A05B4  
V S K SUBHASH 17MH1A05B1  
Y S S DURGA 17MH1A05B3  
L GOVINDA 18MH5A0502

for their selection in

DXC Technology With **3.60** LPA



#### Hearty Congratulations



ADITYA BHASKAR 17MH1A05B1  
TRIPURA SUDHA B 17MH1A05B9  
HIMAVARSHINI S 17MH1A0510  
CH VIKAS REDDY 17MH1A0512  
PUJITHA KADA 17MH1A05B4  
ANUPAM KUMAR 17MH1A05B9  
M S VINAY SANKAR 17MH1A0511  
D NARENDRA BABU 17MH1A05B0

for their selection in

DXC Technology With **3.60** LPA



#### Hearty Congratulations



ANUPAM KUMAR 17MH1A0530  
N RAJA 17MH1A0541  
SHUBHAM KUMAR 17MH1A0547  
M UMA SUJANA 17MH1A05B4  
P L SRILEKHA 17MH1A0599  
Y S SREE DURGA 17MH1A05B3  
V S K M V SUBHASH 17MH1A05B1  
L GOVINDA 18MH5A0502

for their selection in

TCS Campus Drive With **3.36** LPA



## Department of Computer Science and Engineering

### **Student Activities and Achievements**

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

#### **COMPUTER SCIENCE & ENGINEERING**



9.0 (1<sup>st</sup> Place)  
16MH1A0516

GOLUGURI SURYA KUMARI



9.0 (1<sup>st</sup> Place)  
16MH1A0518

GUTTULA JNANAJYOTHI



## Department of Computer Science and Engineering



8.88 (2<sup>nd</sup> Place)  
16MH1A0524  
K SIVANARAYANA



8.88 (2<sup>nd</sup> Place)  
16MH1A0525  
KONDAMURI UMA SRI

## Department of Computer Science and Engineering

TOPPERS LIST @ (17 Batch) III B.TECH II SEMESTER  
**COMPUTER SCIENCE & ENGINEERING**



8.43 (1<sup>st</sup> Place)  
17MH1A05A1  
PYLA CHANDRAMOULI



8.19 (2<sup>nd</sup> Place)  
17MH1A0584  
MATTAPARTHI UMA SUJANA





**NPTEL Online Certification**  
(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**KOVVURI MANIKANTA SATYA SUBBAREDDY**

for successfully completing the course

**Programming in Java**

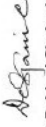
with a consolidated score of **84** %

|                    |          |                  |       |                |       |
|--------------------|----------|------------------|-------|----------------|-------|
| Online Assignments | 24.03/25 | Programming Exam | 25/25 | Proctored Exam | 35/50 |
|--------------------|----------|------------------|-------|----------------|-------|

Total number of candidates certified in this course: **3157**



**Prof. G.P. Raja Sekhar**  
Dean, Continuing Education  
IIT Kharagpur



**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL20CS58552340257

To validate and check scores: <https://nptel.ac.in/noc>

## Department of Computer Science and Engineering

### Faculty Updates & Achievements

#### Faculty - Ph.Ds. Enrolled

| S. No. | Name of the Faculty | Area of Research | Name of the University       | Name of the Guide     | Date of Enrollment |
|--------|---------------------|------------------|------------------------------|-----------------------|--------------------|
| 1      | V Anantha Lakshmi   | Cloud Computing  | Acharya Nagarjuna University | Prof. R. Satya Prasad | 10-09-2020         |
| 2      | T Veerajju          | Network Security | Andhra University            | Prof. K. Venkata Rao  | 16-07-2020         |

#### Research Publications (Journals)

| S. No. | Name of the Faculty     | Title of the Paper                                                                              | Name of the Journal         | Index No UGC/ Scopus | URL/DOI                                                                                                                                 |
|--------|-------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Dr. Pullela SVVSR Kumar | Enactment Of Deep Learning Methods For Bird Cataloging By Deploying Convolution Neural Networks | Journal of Critical Reviews | UGC                  | <a href="https://www.bibliome.d.org/mnsfulltext/197/1">https://www.bibliome.d.org/mnsfulltext/197/1</a><br>97-1598096749.pdf#1638426629 |



|   | (CNN)                         |                                                                                                                                   |                                                                      |        |                                                                                                                                                           |
|---|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | Dr. Pullela<br>SVVSR<br>Kumar | Driver Deviation<br>and Drowsiness<br>Detection Alert<br>System                                                                   | Journal of<br>Xi'an<br>University of<br>Architecture<br>&Technology  | UGC    | <a href="http://xajzkjdx.cn/gallery/62-aug2020.pdf">http://xajzkjdx.cn/gallery/62-aug2020.pdf</a>                                                         |
| 3 | Dr. Pullela<br>SVVSR<br>Kumar | A Hybrid<br>Advanced Encryption<br>Scheme for<br>a Protected<br>Wireless Sensor<br>data in Secure<br>transmission and<br>Storage  | International<br>Journal of<br>Advanced<br>Science and<br>Technology | UGC    | <a href="http://sersc.org/journals/index.php/IJAST/article/view/20010">http://sersc.org/journals/index.php/IJAST/article/view/20010</a>                   |
| 4 | G.S.N.Mu<br>rthy              | Predictive<br>Machine<br>Learning(ML)<br>Algorithm using<br>IOT Framework<br>for Novel<br>CORONA<br>VIRUS (COVID-<br>19)          | Psychology<br>and<br>education                                       | Scopus | <a href="http://psychologyandeducation.net/pae/index.php/pae/article/view/2964">http://psychologyandeducation.net/pae/index.php/pae/article/view/2964</a> |
| 5 | Dr. B.<br>Annapurna           | Max<br>30100/30102<br>Sensor<br>Implementation<br>to Viral<br>Infection<br>Detection Based<br>on Spo2 and<br>Heartbeat<br>pattern | Annals of<br>R.S.C.B                                                 | Scopus | <a href="http://annalsofscsb.ro/index.php/journal/article/view/1150">http://annalsofscsb.ro/index.php/journal/article/view/1150</a>                       |
| 6 | Dr. B.<br>Annapurna           | Building Time<br>Series Prognostic<br>Models to<br>Analyze the<br>Spread of<br>COVID-19<br>Pandemic                               | International<br>Journal of<br>Advanced<br>Science and<br>Technology | Scopus | <a href="http://sersc.org/journals/index.php/IJAST/article/view/31524">http://sersc.org/journals/index.php/IJAST/article/view/31524</a>                   |

**[TH] TECHNICAL HUB**

# TECHBYTE

January's Milestones

2020

## <CODE MIND>

Code mind is a programming skill training program that has been commenced to help students develop their programming skills. This program organizes regular training sessions, quizzes, code a thons and other activities that are designed to help students strengthen their coding ability.



# TECHBYTE

January's Milestones

2020

**[TH] TECHNICAL HUB**



**Training  
T-Shaped Engineers**

A 24 hour program organized to help our T shaped engineers prepare themselves for a campus drive organized by Infosys. This program gave them a complete experience of what they would have to face during the actual interview.





With new ideas emerging relentlessly, both the graduation and post-graduation programs of Electronics and Communication Engineering Department try to excel by focussing on the needs of industry and society through student centric methodologies which is reflected in placements every year.

The department is well-equipped with the state-of-art laboratories which encompass the wide area of applied and fundamental aspects of the prescribed curriculum. In addition, the department enables training on advanced technologies through Texas Instruments Innovation lab, E-Yantra Robotics Lab, Intel Intelligent Systems Lab etc.

The department has signed MOUs with various industries for internship like BHEL, ONGC, Hindustan Shipyard Ltd, BSNL, Airports Authorities of India, DLRL - Hyderabad, Rashtriya Inspat Nigam Limited etc.

The faculty of the department persistently carry out research and are specialists from the fields of device electronics, signal and image processing, antennas, microwave & optical engineering, wireless communication, embedded systems and VLSI design.

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



## HOD Message



**Dr. G.RamaKrishna**

*“The wellbeing of the world largely depends upon the work of the engineer. There is a great future and unlimited scope for the profession; new works of all kinds are and will be required in every country, and for a young man of imagination and keeness I cannot conceive a more attractive profession. Imagination is necessary as well as scientific knowledge”*



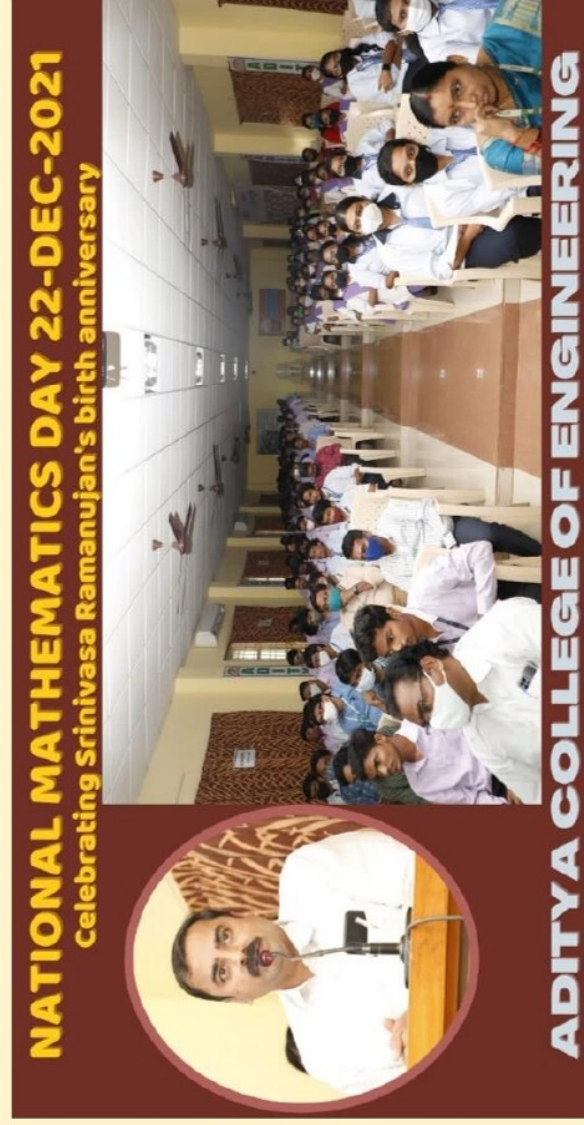
## NATIONAL MATHEMATICS DAY

Srinivasa Ramanujan was born on 22 December 1887 was an Indian mathematician. He tried to interest the leading professional mathematicians in his work. He became one of the youngest Fellows of the Royal Society and only the second Indian member, and the first Indian to be elected a Fellow of Trinity College, Cambridge.

For his great effort in mathematics every year on his birthday India celebrates NATIONAL MATHEMATICS DAY.

Aditya college of engineering celebrates National Mathematics Day

On 22.12.2021. conducted competition for the students as well as faculty and awarded the prizes for the winners.



## Cultural Meet



On December 11, 2021, Aditya College of Engineering conducted cultural events. Many students participated in various cultural events such as singing, dancing, and fashion show dramas at this event. Everyone actively participated in these events, and based on their performance, they were awarded merit certificates in all of the streams



## workshop

A Two Days Work shop on FPGA implementation for Digital circuits on 12& 13-11-2021 by Mr. G. Murali, Senior Engineer, ECIL, HYDERABAD for the III Year Students and it is benefited to the students a l 73 students are attended this work shop.



## Faculty Achievements



- ❖ Awarded PhD in the research area **Low Power VLSI** from **NIT Silcharon 17<sup>th</sup> July 2021**.
- ❖ Acting as an **Associate Editor**, International Journal of Reconfigurable and Embedded Systems (IJRES) (Scopus Indexed).
- ❖ Acting as a reviewer in SCI and Scopus indexed Journals



- The project titled “**Automatic Accident Intimation Device using IOT**” submitted by Dr. G. Jaffino along with the second year student team members Lakshmi Priya, Charishma, Sri Padmaja, Nagma, Anantha Lakshmi, Suma, Satwika was shortlisted for DST-Texas Instruments India Innovation Challenge Design Contest The team members received Rs.20,000/- for Texas Instrument Components.

## Students Achievements

Manavuru-manabadyata was founded on the 15th of October, 2014, on the birthday of Dr.A.P.J.Abdul Kalam, former President of India. Taking inspiration from his ideas, this organization carried out many development activities such as sanitizing areas, planting 4000 plants in rural villages, providing water facilities, establishing libraries, and so on.

Our student K.V.S.Durga Pradeep (19MH1A0474) participated in all activities voluntarily and was awarded a national youth award on 12-08-2021 by the Central Sports Minister, as well as the best award received from the government of A.P. Honorable Minister Sri.K.Kannababu.





## CAMPUS PLACEMENTS

#AdityasPride

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

*Congratulations*



**Mediboina Karthik**  
Electronics and Communication Engineering

Placed in

**DXC** TECHNOLOGY

**techigai**

acoe.edu.in /adityaedugrp

#AdityasPride

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

*Congratulations*



**V Naga Pujitha**  
Electronics and Communication Engineering

Placed in

**DXC** TECHNOLOGY

**TCS** TATA CONSULTANCY SERVICES

acoe.edu.in /adityaedugrp

#AdityasPride

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

*Congratulations*



**M Manoj Sai**  
Electronics and Communication Engineering

Placed in

**DXC** TECHNOLOGY

**APURERO**

acoe.edu.in /adityaedugrp

#AdityasPride

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

*Congratulations*



**Krishna Srikanth K**  
Electronics and Communication Engineering

Placed in

**DXC** TECHNOLOGY

**ti** HEXAWARE

**Infosys**

**TESSOLVE** techigai  
A Hero Electronic Venture

acoe.edu.in /adityaedugrp

#AdityasPride

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

*Congratulations*



**A V S Mani Chand**  
Electronics and Communication Engineering

Placed in

HEXWARE

Mphasis  
The Next Applied

Capgemini

APIERO

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#AdityasPride

**ADITYA**  
COLLEGE OF ENGINEERING  
Surampalem, Andhra Pradesh, INDIA

*Congratulations*



**P Naga Surya Tejasri**  
Electronics and Communication Engineering

Placed in

Mphasis  
The Next Applied

Capgemini

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*Congratulations...*

**ADITYA**  
COLLEGE OF ENGINEERING  
Aditya Nagar, ADE Road, Surampalem

Department of Electronics and Communications Engineering

for their selection in

Capgemini

with

**4.00**  
Lakhs Per Annum

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|                                                                                       |                                                                                      |                                                                                     |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| <b>P N SURYA TEJASRI</b><br>18MH1A0487                                                | <b>V UMAMAHESWARI</b><br>18MH1A04A3                                                  | <b>A SUNIL KUMAR</b><br>18MH1A04A6                                                  |
|  |  |  |
| <b>D VENKATA SAI RAM</b><br>18MH1A04B3                                                | <b>A V S MANI CHAND</b><br>19MH5A0409                                                | <b>K ARUNKUMAR</b><br>19MH5A0450                                                    |



## INTERNATIONAL JOURNAL (SCI/WoS/Scopus)

1. KISHORE KUMAR M, Associate Professor” Wideband Antenna Array for C Band Applications”, ISSN:0011-9342 | June 2021, Issue: 7 | Pages: 625-630
2. **Dr.R.RAMAN** Associate Professor, “Evaluate and Design the MiniHexagon-Shaped Monopole AntennaController to Minimize Losses in the Unit” SEP 2021
3. G.Jaffino, Assistant Professor The paper title “Rag-Bull rider optimization with deep recurrent neural network for epileptic seizure detection using electroencephalogram” has been accepted in **IET signal processing** Journal (Impact factor 2.11- SCI JOURNAL).
4. **Dr INAMUL HUSSAIN**, Assistant Professor,”In-situ grafting of Au and Cu nanoparticles over graphitic carbon nitride sheets and unveiling its superior super capacitive performance as a hybrid composite electrode material” in the **Journal of Energy Storage of Elsevier. (Q1 Journal, IF 6.583)**

## INTERNATIONAL CONFERENCE

1. **G.Jaffino**, Assistant Professor “Improved Speaker Identification System Based on MFCC and DMFCCFeature Extraction Technique”SEP/2021
2. **G.Jaffino**,The paper title Contour-and Texture-based analysis for victim identification in forensicodontology - SCI JOURNAL/SEP 2021
3. **Dr.R.RAMAN** Associate Professor Improved Speaker Identification System Based on MFCC andDMFCC Feature Extraction Technique SEP/2021
4. G. Jaffino, The paper titled “**FPGA Implementation of Epileptic Seizure Detection Using ELM Classifier**” was presented in International Conference on Bio signals, Images and Instrumentation , held at SSN College of Engineering, Chennai.
5. **G.Jaffino**, The paper titled “Grey Wolf Optimization with Deep Recurrent Neural Network for Epileptic Seizure Detection in EEG signals” was presented in International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT).
6. **G.Jaffino**, Assistant Professor The paper title “Deer Hunting Optimization with Deep Neural Network for Automated Arrhythmia diagnosis in ECG Signals” OCT/2021

## SEMESTER TOPPERS

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



9.5 (1<sup>st</sup> Place)  
17MH5A0418  
P DIVYA SANDEEPTHI



9.25 (2<sup>nd</sup> Place)  
16MH1A0489  
K NIKHILA SAI LAKSHMI

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



8.86 (1<sup>st</sup> Place)  
17MH1A04E3  
PERUGU JYOTHI



8.57 (2<sup>nd</sup> Place)  
17MH1A0482  
NUKALABANTHI SAIPRASANNA



8.57 (2<sup>nd</sup> Place)  
17MH1A04E9  
SRI KALA GODAVARTHI



## PATENTS

| Sl. No. | Name of the Faculty | Patent details                                                                                                               | Area of the patents files/ obtained | Status                                      | Filing a gency |
|---------|---------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------|----------------|
| 1       | Kalesh Busa         | A Triple Layer Bio degradable Transparent Multi-Functional Mask(Application No:202021023894)                                 | Chemical                            | Published,Fer Issued,Reply Not Filed        | IPR MUMB AI    |
| 2       | Kalesh Busa         | Virus Detection 5-G Mobile App An App Which Enables A Mobile Phone To Detect The Virus(Covid19)(Application No:202021024064) | Chemical                            | Published,Awai ting Request For Examination | IPR MUMB AI    |

## SEMESTER TOPPERS

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



**9.62 (1<sup>st</sup> Place)**  
**Reg. No: 17MH1A04E3**  
**PERUGU JYOTHI**



**8.90 (2<sup>nd</sup> Place)**  
**Reg. No: 18MH5A0418**  
**MARRI JOSHNA VEERA MAHA LAKSHMI**

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



CGPA: 8.16  
18MH1A0469  
Name: K. ANUSHA



CGPA: 8.0  
18MH1A04C6  
Name: K. KRISHNA SRIKANTH

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



8.00 (1<sup>st</sup> Place)  
20MH5A0406  
BOMMANA NAGA LAKSHMI



8.00 (1<sup>st</sup> Place)  
20MH5A0414  
K SRI CHAKRA LAKSHMI



8.00 (1<sup>st</sup> Place)  
19MH1A04E9  
VUNDAVALLI JYOTHI



8.00 (1<sup>st</sup> Place)  
19MH1A04I8  
TATTAPUTIKALA VISWA AMIT



Managing moving machines of the world! It is this catchy phrase that has made Mechanical Engineering the thriving branch for being an integral part in shaping our world run on machines. The Mechanical Engineering department at Aditya has earned a place of high repute through its quality teaching rendered by highly qualified and experienced faculty with umpteen number of research publications in reputed journals like ASME, ELSEVIER etc. and rigorous practical training creating an ambience of excitement in all the stages of study.

The department lays impetus on hands-on training with the support of simulation packages such as CATIA, ANSYS, I-DEAS, PRO-E, UNIGRAPHICS and SOLID WORDS.

The professional activities include guest lectures, industrial visits, workshops, seminars, technical festivals VEDA and programs under Mechanical Engineering Students Association (MESA), collegiate club of the Society of Automotive Engineers (SAE) and Auto gear club.

The projects that received appreciation in various events organized at state and national level are Go-Kart, Quad bike, Solar powered wheel chair, LPG bike, Reaping Machine and many more such highly relevant contraptions.

Students are encouraged to do internships in reputed industries like TATA Motors PVT. LTD., Hindustan Shipyard, BHEL PVT. LTD., Bhilai Steel Plant, Bokaro Thermal Power Station, Nalco Mining Division etc.

## DEPARTMENT OF MECHANICAL ENGINEERING



## **HOD Message**



**Dr. Y.K.S. Subbarao**

*Mechanical engineering is one of the oldest and broadest engineering discipline, and plays a significant role in enhancing safety, economic vitality, enjoyment and overall quality of life throughout the world.*

*Mechanical engineers develop state-of-the-art technologies and exhilarating solutions for the mankind. We attempt to provide our students with a cheerful, productive and satisfying experience at all levels of their program of studies to explore the amazing world of Mechanical engineering.*



## Faculty Research Publications (Journals)

| Sl | Name of the Faculty Author           | Title of the Paper                                                                                                            | ISBN/ISSN Number | Index No    | URL/DOI                                                                                                                                                                                   |
|----|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                      |                                                                                                                               |                  | UGC/ Scopus |                                                                                                                                                                                           |
| 1  | Dr Anjibabu Merneedi                 | Experimental investigation on wear behaviour of bio-waste reinforced fusion fiber composite laminate under various conditions | 2214-7853        | scopus      | <a href="https://www.sciencedirect.com/science/article/pii/S2214785320351981">https://www.sciencedirect.com/science/article/pii/S2214785320351981</a>                                     |
| 2  | Dr N Bhanu Teja                      | Performance optimization of mahua biodiesel using cetane number improver                                                      | 2214-7853        | scopus      | <a href="https://www.sciencedirect.com/science/article/pii/S221478532100290X">https://www.sciencedirect.com/science/article/pii/S221478532100290X</a>                                     |
| 3  | Mr Satish Perabathula Chandra Prasad | “Performance analysis of mineral oil based nano-lubricants with sulphur impregnated reduced graphene oxide nanosheets         | 2214-7853        | scopus      | <a href="https://www.sciencedirect.com/science/article/pii/S2214785320405115">https://www.sciencedirect.com/science/article/pii/S2214785320405115</a>                                     |
| 4  | Dr N Bhanu Teja                      | Investigations of performance and emission characteristics in diesel engine fueled with Hemp oil methyl ester                 | 2214-7853        | scopus      | <a href="https://www.sciencedirect.com/science/article/pii/S2214785320387162">https://www.sciencedirect.com/science/article/pii/S2214785320387162</a>                                     |
| 5  | Dr N Bhanu Teja                      | Production Process Optimization study on the synthesis of Manilkara zapota seed bio-oil and its characterization              | 2190-6823        | scopus      | <a href="https://link.springer.com/article/10.1007/s13399-021-01453-6">https://link.springer.com/article/10.1007/s13399-021-01453-6</a>                                                   |
| 6  | Dr N Bhanu Teja                      | Detailed analysis on sterculia foetida kernel oil as renewable fuel in compression ignition engine                            | 2190-6823        | scopus      | <a href="https://link.springer.com/article/10.1007/978-95-13399-021-1-01328-w">https://link.springer.com/article/10.1007/978-95-13399-021-1-01328-w</a>                                   |
| 7  | Dr N Bhanu Teja                      | Biodiesel production from Caulerpa Racemosa oil                                                                               | 2582-6727        | scopus      | <a href="http://nopr.niscair.res.in/bitstream/123456789/54650/1/IJMS%2049%284%29%20616-621.pdf">http://nopr.niscair.res.in/bitstream/123456789/54650/1/IJMS%2049%284%29%20616-621.pdf</a> |

## Faculty Publications in Conferences/Journals

| Sl.No. | Name of the faculty | Title of the Paper                                                                                     | Name of the Conference                                                                                                                                | Date/s                   |
|--------|---------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1      | 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 | 30-11-2020 to 01-11-2020 |
| 2      | Dr Y K S Subba Rao  | Analysis of Vibrations for Laminated Composites based on Finite Elements                               | Advances In Modeling, Manufacturing and material Engineering                                                                                          | 30.10.2020 & 31.10.2020  |
| 3      | Dr Y K S Subba Rao  | Wear behavior on hybrid composite material                                                             | Advances In Modeling, Manufacturing and material Engineering                                                                                          | 30.10.2020 & 31.10.2020  |

## FDP,s attended by the faculty

| Sl. no | Name of the Faculty       | Name of the FDP                                                                                 | Organized by                      | Place    | Duration                 |
|--------|---------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------|----------|--------------------------|
| 1      | Dr DVSSSV Prasad          | 5day STP on Fracture Mechanics and its applications to Laminated composites                     | IIT Guwahati                      | Guwahati | 01-03-2021 to 05-03-2021 |
| 2      | Dr DVSSSV Prasad          | Two week onlineFDP on Recent advances in Materials and Challenges in Manufacturing Technologies | COE, JNTUK                        | Kakinada | 22-03-2021 to 03-04-2021 |
| 3      | Mr K.Venkata Ramana       | Recent Advancements and Research Opportunities in Energy Sector                                 | Aditya Engineering College        | Online   | 29-11-2021 to 03-12-2021 |
| 4      | Mr. TalariSrinu           | Fracture Mechanics and its Applications to Laminated composites                                 | IIT GOWAHATHI                     | Online   | 01-03-2021 to 05-03-2021 |
| 5      | Mr.I.Manoj Krishna        | 3D Printing & Design                                                                            | JNTU Kakinada                     | Online   | 19-10-2020 to 23-10-2020 |
| 6      | Mr.I.Manoj Krishna        | Engineering Law                                                                                 | JNTU Kakinada                     | Online   | 12-10-2020 to 16-10-2020 |
| 7      | Mr M Sarat Chandra Prasad | Recent Advances in materials and challenges in manufacturing techniques                         | JNTU Kakinada                     | Online   | 22-03-2021 to 03-04-2021 |
| 8      | Mr M Prem Kumar Reddy     | Fracture Mechanics and its applications to laminated composites                                 | IIT GUWAHATI                      | Online   | 01-03-2021 to 05-03-2021 |
| 9      | Mr M Prem Kumar Reddy     | NIRF Indian ranking 2021                                                                        | Institute for Academic Excellence | Online   | 18-01-2021 to 19-01-2021 |



## Product Development by students

3

| SL No. | Name of the Faculty | Title of the Product developed/ still in incubation                            | Total cost | Collaborated agencies | No of faculty /student involved | Remarks                                                   |
|--------|---------------------|--------------------------------------------------------------------------------|------------|-----------------------|---------------------------------|-----------------------------------------------------------|
| 1      | Dr YKS Subbarao     | Developing Shredder machinery for recycling the plastic to make plastic bricks | 60,000     | i2E - APSSDC          | 4                               | Recycling the plastic and making plastic bricks out of it |
| 2      | Dr YKS Subbarao     | Developing extraction machine to make plastic flexible wire from plastic scrap | 40,000     | i2E - APSSDC          | 4                               | Making plastic wire reels for construction purposes       |

## Patents by Faculty

| SL No. | Name of the Faculty         | Patent details | Area of the patents files/ obtained | Status                           | Filing agency                 |
|--------|-----------------------------|----------------|-------------------------------------|----------------------------------|-------------------------------|
| 1      | Dr N Bhanu Teja             | 202041006677   | Mechanical Engineering              | Published                        | US patent & Trade Mark office |
| 2      | Dr N Bhanu Teja             | 202041006676   | Chemical                            | Abonded                          | US patent & Trade Mark office |
| 3      | Dr Marxim Rahula Bharathi B | 202121018506 A | Design                              | Published                        | Indian Patent                 |
| 4      | Dr Marxim Rahula Bharathi B | 202141016916 A | Machine Learning                    | Published                        | Indian Patent                 |
| 5      | Dr Y K S Subba Rao          | 202141033818   | Mechanical Engineering              | Published                        | Intellectual Property India   |
| 6      | Dr Y K S Subba Rao          | 202141033795   | Computer Science                    | Awaiting request for examination | Intellectual Property India   |

## CAMPUS PLACEMENTS

| SLNo. | Student Name                  | Enrollment No. | Employee Name         | Appointment No. |
|-------|-------------------------------|----------------|-----------------------|-----------------|
| 1     | Barnikala Tatajee             | 18MH5A0302     | Hyundai Steel Chennai | 09-01-2021      |
| 2     | Borusu Loka Veera Sriram      | 18MH5A0304     | Hyundai Steel Chennai | 09-01-2021      |
| 3     | Gudla Suresh                  | 18MH5A0310     | Hyundai Steel Chennai | 09-01-2021      |
| 4     | K D V S S Apparao             | 18MH5A0319     | Hyundai Steel Chennai | 09-01-2021      |
| 5     | Kotipalli Narendra Kumar      | 18MH5A0321     | Hyundai Steel Chennai | 09-01-2021      |
| 6     | Malladi Jaya Surya            | 18MH5A0324     | Hyundai Steel Chennai | 09-01-2021      |
| 7     | Medapureddi Srinu             | 18MH5A0327     | Hyundai Steel Chennai | 09-01-2021      |
| 8     | Mediseti Devi Prasad Raju     | 18MH5A0328     | Hyundai Steel Chennai | 09-01-2021      |
| 9     | Mutyala Sai Manoj             | 18MH5A0330     | Hyundai Steel Chennai | 09-01-2021      |
| 10    | Nalla Simhadri Dora           | 18MH5A0331     | Hyundai Steel Chennai | 09-01-2021      |
| 11    | Nandipati Swamy               | 18MH5A0332     | Hyundai Steel Chennai | 09-01-2021      |
| 12    | Nunnaboina Mallikharjuna rao  | 18MH5A0333     | Hyundai Steel Chennai | 09-01-2021      |
| 13    | Rayudu Karthik                | 18MH5A0339     | Hyundai Steel Chennai | 09-01-2021      |
| 14    | Seeli John Moses              | 18MH5A0341     | Hyundai Steel Chennai | 09-01-2021      |
| 15    | Somisetti Sateesh             | 18MH5A0343     | Hyundai Steel Chennai | 09-01-2021      |
| 16    | S Veera Venkata Satyanarayana | 18MH5A0344     | Hyundai Steel Chennai | 09-01-2021      |
| 17    | Tallam N N V Ganesh           | 18MH5A0345     | Hyundai Steel Chennai | 09-01-2021      |
| 18    | Vakada Ratna Prasad           | 18MH5A0347     | Hyundai Steel Chennai | 09-01-2021      |
| 19    | Vasamsetti Gangadhara Sai     | 18MH5A0348     | Hyundai Steel Chennai | 09-01-2021      |
| 20    | Voleti Satya Teja             | 18MH5A0349     | Hyundai Steel Chennai | 09-01-2021      |
| 21    | Mylapilli Rajesh              | 18MH5A0353     | Hyundai Steel Chennai | 09-01-2021      |



|    |                                    |            |                              |            |
|----|------------------------------------|------------|------------------------------|------------|
| 22 | Vaddi Siva Surya Sai Durga         | 18MH5A0359 | Hyundai Steel Chennai        | 09-01-2021 |
| 23 | Alluri Hemanth Kumar               | 18MH5A0301 | AVTECH Hosur TN              | 27-01-2021 |
| 24 | Chittam Nagendra Babu              | 18MH5A0306 | AVTECH Hosur TN              | 27-01-2021 |
| 25 | Inumarthi Satya Veera Lokesh       | 18MH5A0312 | AVTECH Hosur TN              | 27-01-2021 |
| 26 | Jilagam Hema Suresh                | 18MH5A0314 | Cognizant                    | 27-01-2021 |
| 27 | Panthadi Sathish Kumar             | 18MH5A0334 | AVTECH Hosur TN              | 27-01-2021 |
| 28 | Pedavegi Surya Sai Teja            | 18MH5A0336 | AVTECH Hosur TN              | 27-01-2021 |
| 29 | Khandavilli Sai Datta              | 18MH5A0317 | Daejoo Automotive            | 05-04-2021 |
| 30 | Gollavilli V V Satya Sai Ravi Teja | 18MH5A0308 | Daejoo Automotive            | 05-04-2021 |
| 31 | Gooda Murali Krishna               | 18MH5A0309 | Daejoo Automotive            | 05-04-2021 |
| 32 | Manepalli Hema Veera Manikanta     | 18MH5A0325 | Daejoo Automotive            | 05-04-2021 |
| 33 | Lakkasani Rekha Durga Mani         | 18MH5A0323 | Hitech Arai Chokikulam<br>TN | 05-04-2021 |
| 34 | Pitla Surekha                      | 18MH5A0337 | Hitech Arai Chokikulam<br>TN | 05-04-2021 |
| 35 | S Samuel Raju                      | 18MH5A0358 | Surya Tech Solutions Hyd     | 03-02-2021 |
| 36 | K Bala Murali                      | 18MH5A0315 | Surya Tech Solutions Hyd     | 03-02-2021 |



## SEMESTER TOPPERS

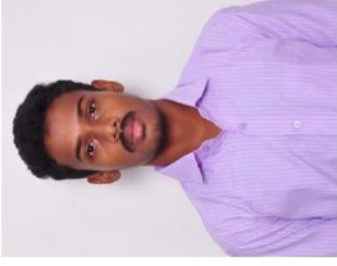
### TOPPERS LIST @ (17 Batch) IV B.TECH I SEMESTER



8.23 (1<sup>st</sup> Place)  
18MH5A0347  
V Ratna Prasad



8.09 (2<sup>nd</sup> Place)  
18MH5A0312  
I Lokesh



8.09 (2<sup>nd</sup> Place)  
18MH5A0351  
Y Sai Kumar





## Semester Toppers

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



9.00 (1<sup>st</sup> Place)  
18MH5A0307  
GADDALA DINAKAR



9.00 (1<sup>st</sup> Place)  
18MH5A0339  
RAYUDU KARTHIK



8.75 (2<sup>nd</sup> Place)  
18MH5A0323  
L REKHA DURGA MANI

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



8.71 (1<sup>st</sup> Place)  
19MH5A0348  
PADALA RAVI KIRAN



8.29 (2<sup>nd</sup> Place)  
19MH5A0344  
NEKKALA SANDEEP KUMAR

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



7.14 (1<sup>st</sup> Place)  
20MH5A0345

SIRIPALLI RAMAKRISHNA



7.00 (2<sup>nd</sup> Place)  
20MH5A0311

D KRISHNARJUNAPRASAD



7.00 (2<sup>nd</sup> Place)  
20MH5A0312

DSRI DATTA SAI GANGADHAR



7.00 (2<sup>nd</sup> Place)  
20MH5A0313

G NANI LOVA VARA PRASAD

/\*\*CONGRATULATIONS\*\*/



'Apara Bhageeratha'- Sir Arthur Cotton remains revered and enjoys the pride of place in the hearts of the people in coastal Andhra Pradesh for being the genius architect behind the projects that made the delta region the 'Rice Bowl' for the state. With this inspiration taken from the genius architect, the department of Civil Engineering at Aditya transfers innovative applications to improve Civil Engineering practices which fulfill the requirements of civil construction industry.

To face the challenges in the field, the department associates itself in different consultancy activities like quality control, design, detailing, soil testing and concrete testing to the construction sites in the close vicinity.

The department has state-of-the-art facilities, latest software like STAAD.Pro, AUTOCAD, Revit Structures, Robot Structure analysis etc. and well-equipped laboratories with costly equipment such as Total Station, Universal Testing Machine, Tri-axle Shear Testing Machine, Kaplan turbine, Francis turbine, Pelton wheel testing rig, Compression testing machine, Ultrasonic pulse velocity equipment etc.

The department offers unique internship opportunities to students in companies like L&T Construction, Reliance Industries Limited, OLL, Irrigation Department, Govt. of A.P., Soma Constructions, APCO Infra tech, Vizag Steel Plant etc.

## DEPARTMENT OF CIVIL ENGINEERING



## **HOD Message**



**Mr. CH. Naresh**

*“The Department of Civil Engineering since its inception in 2008 has been at the forefront of teaching, research and consulting with a focus in the broad areas of Geo-technical, Structural, Transportation Systems, Hydraulics and Water Resources and Environmental Engineering. Our alumni have gone on to serve in distinguished capacities in various industries and institutions in India and abroad. Our research focuses on both fundamental and applied research to provide solutions that help drive the future evolution of Civil Engineering. Industry interaction and academic exchanges are an integral characteristic of our department.”*



## SEMESTER TOPPERS

### DEPARTMENT OF MECHANICAL ENGINEERING TOPPERS LIST @ (17 Batch) *IV B. TECH I SEMESTER*



8.18  
18MH5A0130  
UGGIRALA PRAMEELA



8.10 (2<sup>nd</sup> Place)  
18MH5A0120  
M RAMA SURYA SAI TEJA

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



7.95 (1<sup>st</sup> Place)  
19MH5A0105  
B HEMA SURYA SANKAR



7.68 (2<sup>nd</sup> Place)  
19MH5A0106  
BANKA JASWANTH REDDY

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



7.79 (1<sup>st</sup> Place)  
20MH5A0106  
MANTHANA YESURATNAM



7.18 (2<sup>nd</sup> Place)  
20MH5A0113  
R MODA NAGA VENKATA

## Student Placements

| Sl.No. | Roll Number | Name of the Student   | Company Name | CTC      |
|--------|-------------|-----------------------|--------------|----------|
| 1      | 18MH5A0120  | M Rama Surya Sai Teja | BYJU'S       | 10LPA    |
| 2      | 18MH5A0118  | K. Surendra Reddy     | Pin Click    | 5.16 LPA |
| 3      | 18MH5A0125  | P. Manikanta          | Pin Click    | 5.16 LPA |
| 4      | 18MH5A0129  | S. VENKATA SUDHA SAI  | Cadsys       | 1.5 LPA  |



## Research Publications by faculty

| S.NO | Name of the Faculty Author | Title of the Paper                                                                                | Name of the Journal         |
|------|----------------------------|---------------------------------------------------------------------------------------------------|-----------------------------|
| 1    | Mr. U. Praveen Kumar       | Earth quake analysis of Regular and Irregular Structures for all the soil types in Seismic Zone V | Materials today proceedings |



## **ADITYA COLLEGE OF ENGINEERING**

Department of Civil Engineering

**Heartily Congratulations**



**M RAMA SURYA SAI TEJA**  
18MH5A0120 (IV CIVIL)

**Selected in BYJU'S with a Package of 10 LPA**

## **ADITYA COLLEGE OF ENGINEERING**

Department of Civil Engineering

**Heartily Congratulations**



**K. Surendra Reddy**  
18MH5A0118

**P. Manikanta**



**Selected in "Pin Click" with a Package of 5.16 LPA**

Established as one of the major departments of the Institute, the Department of Electrical and Electronics Engineering at Aditya strives to produce highly competent engineers equipped with advanced professional knowledge, entrepreneurial thinking, professional and ethical attitude, critical problem solving and analytical skills through effective teaching learning process, research and industrial collaboration.

The faculty of the department, a rich blend with academic and industrial experience, have been constantly carrying out research on many cutting edge technologies with regular publications in ELSEVIER and other top international journals.

The department strives to upgrade the knowledge of faculty and students by organizing various Workshops, Industry-Institute Interactions, Continuous Improvement Programs inviting eminent personalities from Industry and academic Institutions, Seminars and Research activities. Students are provided internship programs in various power plants and industries like Reliance, SAIL, HPCL, GMR, GVK, VTPS, Vizag steel plant, ONGC, APGCL, APEPDCL etc.

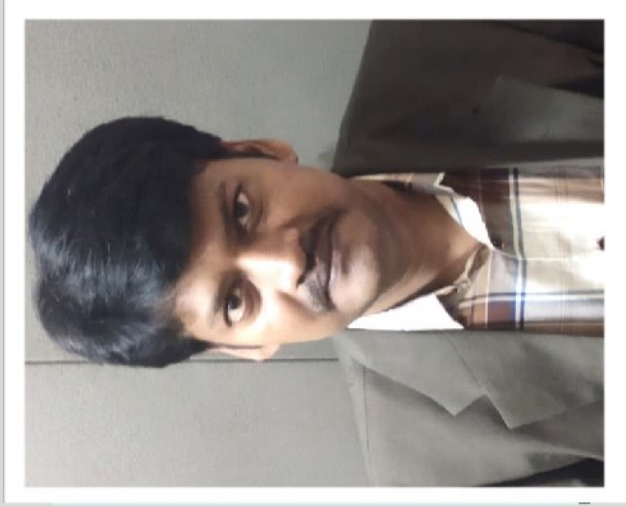
The department spares no expense to equip the labs with latest equipment like Three phase AC Integrated Machine, DC Integrated Machine, Wireless Transmission of Electric Power using Tesla Coil and technical software like MATLAB & P-Spice.

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING





## HOD Message



**Mr. K Manoz Kumar Reddy**

*“To everyone who receives this newsletter, a warm greeting and best wishes are extended. I am delighted to introduce the first issue of the “Electrical Times Newsletter” for the academic year 2021-2022. I encourage the students to work hard and put up their best efforts in their technical undertakings in order to achieve fruitful results. I’d like to express my gratitude to all of my colleagues for their tireless efforts in assisting the department’s continuous success. We work hard as a team to bring the department to new heights of success and glory, as well as to achieve our vision.*

## ACHIEVERS DAY CELEBRATIONS

**The Department of EEE Celebrated Achievers Day on 11-09-2021 as a Honor of Final Year Campus selected students.**







## FACULTY ACHIEVEMENTS

### International Journal/Conference Publications

| S.No. | Publication                                                                                                                                                                                                                                                                                                               |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Mr.K.Manoz kumar Reddy made a SCOPUS Publication Journal on “ Design and simulation of high voltage gain current fed full bridge voltage doubler converter fed multi- level inverter for fuel cell powered electric vehicle”in an “International journal of emerging trends in engineering research”with ISBN:2347-3983.  |
| 2     | Dr.A.S.S. Veerendra Babu published a SCIE Journal on “ Performance analysis of distributed power flow controller with ultra-capacitor for regulating the frequency deviations in restructured” in “ Journal of Energy Storage” with ISBN: 2352-152X, Volume 31, October 2020.                                             |
| 3     | Dr.A.Ramesh Published a paper on “:Optimization of Fuzzy Inference System Using Genetic Algorithm” in 3rd International conference on Computing and Communication (IC3-2020) Organized by Sikkim Manipal Institute of Technology, Sikkim with ISBN: 978-981-15-7394-1 on 13 <sup>th</sup> and 14 <sup>th</sup> july 2020. |
| 4     | Dr.A.Ramesh Published a paper on “Thirteen and Twenty-one level Hybrid H-Bridge Multilevel Inverter Topology for Grid Connected System” in an International Journal of Grid and Distributed Computing with Vol. 13 No. 01 (2020): Vol 13 No 1 (2020)                                                                      |

### Seminars/Conferences/Seminars/Workshops/FDPs Attended

| S.No | Name of the faculty | Name of the Event                                                      | Name of the organizer                                                                  | Place/ Location         | Dates/ Duration                                       |
|------|---------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------|-------------------------------------------------------|
| 1    | Mr.Ch.UP.Kumar      | A Five day FDP on “Recent Trends in Electrical Engineering”            | Department of Electrical and Electronics Engineering<br>Vishnu Institute of Technology | Bhimavaram,<br>E.G Dist | 8 <sup>th</sup> June to<br>12 <sup>th</sup> June 2020 |
| 2    | Ch.Manoj            | 3rd International conference on Computing and Communication (IC3-2020) | Sikkim Manipal Institute of Technology, Sikkim                                         | Sikkim                  | 13 th 14 th<br>july 2020                              |
| 3    | M.V.Kumar Reddy     | 3rd International conference on Computing and Communication (IC3-2020) | Sikkim Manipal Institute of Technology, Sikkim                                         | Sikkim                  | 13 <sup>th</sup> & 14 <sup>th</sup> July<br>2020      |
| 4    | M.V.Kumar Reddy     | Smart Grid Technology and Applications                                 | Dept. of EEE, Indus Institute of Engineering and Technology                            | Siddipeta,<br>Telangana | 4 <sup>th</sup> Aug 2020                              |
| 5    | M.V.Kumar Reddy     | Unsupervised Learning with K-Means Clustering                          | Dept of ECE, CMR Engineering College                                                   | Hyderabad               | 4 <sup>th</sup> Aug 2020                              |
| 6    | M.V.Kumar Reddy     | Role of IOT in Healthcare during Covid                                 | Dept of ECE, C. Abdul Hakeem College of Engineering & Technology                       | Vellore                 | 5 <sup>th</sup> Aug 2020                              |



## FACULTY ACHIEVEMENTS

### List of Patents

| Sl. No. | Name of the Faculty    | Patent details                                                                     | Area of the patents files/ obtained     | Status                  | Filing agency               |
|---------|------------------------|------------------------------------------------------------------------------------|-----------------------------------------|-------------------------|-----------------------------|
| 1       | Mr.K.Manoz Kumar Reddy | Safe Driving and Accident Prevention using wireless transmitter Traffic control    | Electronic Communication on Engineering | Published on 31/07/2020 | Intellectual Property India |
| 2       | Dr.M. Ravindra         | Multimodal fuzzy logic based variable pitch angle control system for wind turbines | Mechanical Engineering                  | Published on 04/09/2020 | Intellectual Property India |
| 3       | Dr.M. Ravindra         | Machine Learning Based Smart Electric Vehicle Battery Management System            | Computer Science Engineering            | Published on 06/11/2020 | Intellectual Property India |

### Member of External Bodies/Agencies

| Sl. No. | Name of the Faculty | Name of the external body/ Agency                                                                 | Position                   | Duration / Tenure |
|---------|---------------------|---------------------------------------------------------------------------------------------------|----------------------------|-------------------|
| 1       | Mr.Ch.UP.Kumar      | WASET Scientific and Technical Committee & Editorial Review Board on Energy and Power Engineering | Committee member, Reviewer | since 2020        |
| 2       | Mr.Ch.UP.Kumar      | Advances in Science Technology and Engineering System Journal                                     | Editorial Board Reviewer   | 27 March 2020     |

## FACULTY ACHIEVEMENTS

### NPTEL/OTHER CERTIFICATION COURSES

| S.NO | Name of the Faculty       | Name of the Course                                                       | Dates/<br>Duration                    | Remarks                                                                                                                                 |
|------|---------------------------|--------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1    | Mr.K.Manoz<br>Kumar Reddy | Solar Energy and<br>Electrical System<br>Design                          | 28 <sup>th</sup> july<br>2020/4 weeks | An online non-credit course authorized<br>by University at Buffalo, The State<br>University of New York and offered<br>through Coursera |
| 2    | Mr.K.Manoz<br>Kumar Reddy | Introduction to<br>Artificial Intelligence                               | 8 <sup>th</sup> july 2020/4<br>weeks  | An online non-credit course authorized<br>by IBM and offered through Coursera                                                           |
| 3    | Mr.K.Manoz<br>Kumar Reddy | Machine Learning<br>for All                                              | 21 <sup>st</sup> july<br>2020/4 weeks | An online non-credit course authorized<br>by University of London and offered<br>through Coursera                                       |
| 4    | Mr.K.Manoz<br>Kumar Reddy | Solar Energy Codes,<br>Permitting and<br>Zoning                          | 7 <sup>th</sup> Aug 2020/4<br>weeks   | An online non-credit course authorized<br>by University at Buffalo, The State<br>University of New York and offered<br>through Coursera |
| 5    | Mr.K.Manoz<br>Kumar Reddy | Introduction to<br>Electronics                                           | 10 <sup>th</sup> june<br>2020/4 weeks | An online non-credit course authorized<br>by Georgia Institute of Technology and<br>offered through Coursera                            |
| 6    | Mr.K.Manoz<br>Kumar Reddy | Understanding<br>Research Methods                                        | 4 <sup>th</sup> june 2020/4<br>weeks  | An online non-credit course authorized<br>by University of London and SOAS<br>University of London and offered<br>through Coursera      |
| 7    | Mr.K.Manoz<br>Kumar Reddy | Solar Energy<br>Systems Overview                                         | 20 <sup>th</sup> july/4<br>weeks      | An online non-credit course authorized<br>by University at Buffalo, The State<br>University of New York and offered<br>through Coursera |
| 8    | Mr.K.Manoz<br>Kumar Reddy | Getting Started with<br>AI using IBM<br>Watson                           | 11 <sup>th</sup> july<br>2020/4 weeks | An online non-credit course authorized<br>by IBM and offered through Coursera                                                           |
| 9    | Dr.M.Ravindra             | Electrical Power<br>Systems                                              | 26-07-2020/ 4<br>weeks                | online non-credit course offered by<br>University of Buffalo and state<br>university of New york                                        |
| 10   | Dr.M.Ravindra             | what is Data Science                                                     | 07-07 2020/4<br>weeks                 | online non-credit course offered by<br>IBM                                                                                              |
| 11   | Dr.M.Ravindra             | Solar Energy and<br>Electrical System<br>Design                          | 14-08-<br>2020/weeks                  | online non-credit course offered by<br>University of Buffalo and state<br>university of New york                                        |
| 12   | Dr.M.Ravindra             | A Short course on "<br>Learn to design your<br>own Solar Home<br>system" | 14-09-2020                            | As a part of energy literacy drive of<br>energy Swaraj foundation                                                                       |
| 13   | Mr.M.V.Kumar<br>Reddy     | Electrical Power<br>Systems                                              | 26-07-2020                            | online non-credit course offered by<br>University of Buffalo and state<br>university of New york                                        |



## STUDENT ACHIEVEMENTS

### STUDENTS PAPER PUBLICATIONS

| S.NO | NAME OF THE STUDENT                                                            | PAPER TITLE                                                                                              | ISSN/ISBN NO.              | INDEX NO UGC/SCOPUS/INTERNATIONAL CONFERENCES | DOI                                                                                     |
|------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------|
| 1    | KARRI SUDHES WARI<br>(18MH5A0206)<br><br>R.V.GANESH<br>(18MH5A0214)            | MODEL-ORDER REDUCTION AND REDUCED CONTROLLER DESIGN USING ROUTH APPROXIMATION AND FACTOR DIVISION METHOD | ISBN:<br>978-981-15-7394-1 | SPRINGER                                      | <a href="https://doi.org/10.1007/978-981-15-7394-1_16">10.1007/978-981-15-7394-1_16</a> |
| 2    | S.NAGA VEERABABU<br>(18MH5A0216)<br><br>K.ROJA<br>(16PA1A0238)                 | OPTIMIZATION OF FUZZY INFERENCE SYSTEM USING GENETIC ALGORITHM                                           | ISBN:<br>978-981-15-7394-1 | SPRINGER                                      | <a href="https://doi.org/10.1007/978-981-15-7394-1_21">10.1007/978-981-15-7394-1_21</a> |
| 3    | P.SRI VENKATA SATISH<br>[18MH5A0211],<br><br>Y.MANIKANTA SWAMY<br>(18MH5A0219) | FRACTIONAL-ORDER EXTREMUM SEEKING MPPT FOR PHOTOVOLTAIC SYSTEM                                           | ISSN:978-981-15-7394-1     | SPRINGER                                      | 10.1007/978-981-15-7394-1_21                                                            |

*Congratulations!*

## **STUDENTS ACHIEVEMENTS**

### **Professional Society Memberships**

| Sl. No. | Name of the Faculty    | Name of the Professional Society | Membership Number | Life/Annual |
|---------|------------------------|----------------------------------|-------------------|-------------|
| 1       | Mr.K.Manoz kumar reddy | MISTE                            | LM 54949          | Life        |
| 2       | Dr.M.Ravindra          | IAENG                            | 226969            | Life        |
| 3       | Mrs.K.LAKSHMI          | MISTE                            | LM 121105         | Life        |
| 4       | Mr.M.V.Kumar Reddy     | MISTE                            | LM12116           | Life        |
| 5       | Mr.D.Tata Rao          | MISTE                            | LM121104          | Life        |
| 6       | Mr.Ch.UP Kumar         | MISTE                            | LM101844          | Life        |
| 7       | Mr.Ch.UP Kumar         | IAENG                            | 134262            | Life        |

### **List of Working Models**

| Sl. No. | Name of the Faculty     | Title of the Working models                                                     | Total cost | No of faculty /student involved |
|---------|-------------------------|---------------------------------------------------------------------------------|------------|---------------------------------|
| 1       | Mrs. K.Lakshmi          | SPEED CONTROL OF BLDC MOTOR USING BLUETOOTH AND ANDROID TECHNOLOGY              | 10,000     | 4                               |
| 2       | Mrs. T.Himaja           | INDUCTION MOTOR PARAMETERS MONITORING AND CONTROLLING USING IOT TECHNOLOGY      | 10,000     | 4                               |
| 3       | Mr.M.V.Kumar Reddy      | ARDUINO BASED ELECTRICAL SUBSTATION MONITORING SYSTEM                           | 10,000     | 4                               |
| 4       | Mr.M.Satyanarayana Raju | TRANSMISSION LINE FAULT DETECTION AND INDICATION TO ELECTRICITY BOARD USING GSM | 10,000     | 4                               |



## STUDENT ACHIEVEMENTS

### TOPPERS LIST



8.76 (2<sup>nd</sup> Place)  
18MH5A0219  
YELLAPU MANIKANTA SWAMY



8.90 (1<sup>st</sup> Place)  
18MH5A0213



7.21 (1<sup>st</sup> Place)  
20MH5A0213  
NAKKA HEMANTH KUMAR



7.00 (2<sup>nd</sup> Place)  
19MH1A0204  
KON KAMAN AJUOT TENG



8.57 (1<sup>st</sup> Place)  
18MH1A0204  
TUMPALA NEELIMA



8.43 (2<sup>nd</sup> Place)  
19MH5A0231  
KOMMANA HARIDATTA

*Congratulations!*

## STUDENTS ACHIEVEMENTS

### TOPPERS LIST



9.38 (1<sup>st</sup> Place)

17MH5A0264

K SAI SATYA PRIYA



9.25 (2<sup>nd</sup> Place)

17MH5A0204

A BALAJI SAIRAM MANOHAR



9.25 (2<sup>nd</sup> Place)

17MH5A0216

GALIDEVARA SRIHARI



9.25 (2<sup>nd</sup> Place)

17MH5A0244

B DURGESH GURUSUNDAR REDDY



9.25 (2<sup>nd</sup> Place)

17MH5A0286

SHAIK ANJU



8.29 (1<sup>st</sup> Place)

18MH5A0202

CHINTHA JAHNAVI BINDU



8.14 (2<sup>nd</sup> Place)

18MH5A0219

YELLAPU MANIKANTA SWAMY

*Congratulations!*



# *Department of Humanities & Basic Sciences*

## **HOD Message**



**Mr. M. Srinivas**

*The Department of Basic Sciences & Humanities is the First Year Phase of every student studying in the Engineering field. Our department focuses on the proper upbringing of the students from the basic level and it has a plethora of experienced and learned teachers who strongly and constantly nurture the students. This department strives to reach out to the zenith of perfection through an earnest academic pursuit for excellence. The highly motivated youngsters of the campus are the constant source of our pride. In order to encourage the students to participate in various departmental activities, our college gives access to students to make use of the multiple facilities provided in the campus. Our campus has a cosmopolitan atmosphere with students from all corners of the globe. The concerned faculties always take care for an individual's holistic development to make a fruitful contribution to the society.*

## Research Publications by faculty

| S.NO | Name of the Faculty/Author | Title of the Paper                                                                                                 | Name of the Journal                                      |
|------|----------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1    | Rajasekhara Chokkareddy    | Ionic Liquid-Multi Walled Carbon Nanotubes-l-lysine Modified Glassy Carbon Electrode for Detection of Prednisolone | Journal of Molecular Liquids                             |
| 2    | Jyothi Budida              | Non-Uniform Amplitude Distribution of Circular array with Beam Steering                                            | Journal of Huazhong University of Science and Technology |
| 3    | Jyothi Budida              | Optimized Non-Uniform circular Array Design Using SGOA                                                             | Turkish Online Journal of Qualitative Inquiry            |
| 4    | Jyothi Budida              | Role of Nano Optics in High Performance Integrated Circuits & Consumer Electronics                                 | GIS SCIENCE JOURNAL                                      |
| 5    | G. Balaji Prakash          | Energy-efficient routing transmission for IoT based wireless body sensor network for health care monitoring system | International journal of Health sciences                 |



# ADITYA COLLEGE OF ENGINEERING TOPPERS LIST @ (21 Batch) I B.TECH I SEMESTER

## CIVIL ENGINEERING



8.85 (1<sup>st</sup> Place)  
21MH1A0108  
GURUGUBELLI SRILEKHYA



7.74 (2<sup>nd</sup> Place)  
21MH1A0112  
PANTADI JEEVANA JYOTHI

## ELECTRICAL & ELECTRONICS ENGINEERING



8.31 (1<sup>st</sup> Place)  
21MH1A0214  
CHSRI LOKITHA VADAKATTU



8.0 (2<sup>nd</sup> Place)  
21MH1A0208  
JAEVENKATA RAMARAO



8.0 (2<sup>nd</sup> Place)  
21MH1A0235  
VARRI JAYANTHI



## **MECHANICAL ENGINEERING**



7.77 (1<sup>st</sup> Place)  
21MH1A0302  
BEJAWADA GANESH



6.54 (2<sup>nd</sup> Place)  
21MH1A0307  
IMMANDI LAKSHMI NARAYANA

## **ELECTRONICS & COMMUNICATION ENGINEERING**



9.38 (1<sup>st</sup> Place)  
21MH1A04C5  
THONTEPU VASAVI



9.23 (2<sup>nd</sup> Place)  
21MH1A0494  
KAVYA SRI POLA







**ADITYA COLLEGE OF ENGINEERING**  
**TOPPERS LIST @ (21 Batch) I B.TECH I SEMESTER**  
**COMPUTER SCIENCE AND ENGINEERING**



9.15 (1<sup>st</sup> Place)  
21MH1A05A7  
M HARSHAD SAI



9.08 (2<sup>nd</sup> Place)  
21MH1A0599  
KAGITHA ANKITHA



9.08 (2<sup>nd</sup> Place)  
21MH1A05B5  
NAKKA SEETA RAMALAKSHMI

**CSE - ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**



9.23 (1<sup>st</sup> Place)  
21MH1A4209  
EMANASWINI CHOWDARY



9.08 (2<sup>nd</sup> Place)  
21MH1A4243  
PAREPALLI SRIRAM



# ADITYA COLLEGE OF ENGINEERING TOPPERS LIST @ (21 Batch) I B.TECH I SEMESTER

CSE – INTERNET OF THINGS



9.23 (1<sup>st</sup> Place)  
21MH1A4919

GOWTHU GUNA SREE VARSHA



9.23 (1<sup>st</sup> Place)  
21MH1A4955  
SRIPRIYA KANCHIBHATTARU



8.62 (2<sup>nd</sup> Place)  
21MH1A4953  
SIGIREDDY VISWESH



8.62 (2<sup>nd</sup> Place)  
21MH1A4957  
SWATI PRIYA



8.62 (2<sup>nd</sup> Place)  
21MH1A4960  
VAKKALANKA SUGATHRI





# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC  
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437.



## DEPT. OF LIBRARY SCIENCES CENTRAL LIBRARY RESOURCES



| DEPARTMENT WISE |            |        |         |                |
|-----------------|------------|--------|---------|----------------|
| Sl.No           | Department | Titles | Volumes | Print Journals |
| 1               | H&BS       | 590    | 3845    | 4              |
| 2               | CSE        | 685    | 5813    | 4              |
| 3               | ECE        | 720    | 6856    | 6              |
| 4               | EEE        | 655    | 4960    | 4              |
| 5               | ME         | 325    | 2950    | 4              |
| 6               | MBA        | 670    | 2290    | 6              |
| 7               | PT         | 280    | 2395    | 4              |
| 8               | CE         | 265    | 2275    | 4              |
| TOTAL           |            | 4190   | 31384   | 36             |

## OTHER KNOWLEDGE RESOURCES



# Central Library

Knimbus platform is a complete digital library that provides all library services through a single platform rather than just being a list of links to e-Resources.

## E- RESOURCES



Science Direct: Direct access



DELNET: Login.ID: apaceeg  
Password: ace4097



N-List: Login.ID: outlook Email ID  
Password: User Individual



IEEE: Direct access  
Digital Library



National Digital Library: Login.ID: library@acoe.edu.in  
Password: library@ACOE23



MAGZTER: Login.ID: adityamagazines@gmail.com  
Password: Aditya@23



VIDEYA: Direct access



SPRINGER: Login.ID: librarian@acet.ac.in  
Password: aditya123

User ID is your outlook official Email ID.  
Password user@knimbus.

Please visit the remote access website at:  
<http://acoe.knimbus.com/>



**Dr. S.R. RANGANATHAN**

1892-1972

FATHER OF LIBRARY SCIENCE IN INDIA

## FIVE LAWS OF LIBRARY SCIENCE

- ❖ BOOKS ARE FOR USE
- ❖ EVERY READER HIS/ HER BOOK
- ❖ EVERY BOOK ITS READER
- ❖ SAVE THE TIME OF THE USER
- ❖ A LIBRARY IS A GROWING ORGANISAM







# ADITYA COLLEGE OF ENGINEERING

Approved by AICTE, Permanently Affiliated to JNTUK & Accredited by NAAC  
Recognized by UGC under Sections 2(f) and 12(B) of UGC Act, 1956  
Aditya Nagar, ADB Road, Surampalem - 533 437.



## TRAINING & PLACEMENT CELL



**amazon** 31.31 LPA



**MAJJI TEVITT SAI, CSE**  
18MH1A0536

**aws** 22.00 LPA



**V JAYASREE, CSE**  
17MH1A0555

**aws** 22.00 LPA



**MANI VINODH P, ECE**  
17MH1A0449

**aws** 19.00 LPA



**K DHANARAJU, ECE**  
16MH1A04F2

**aws** 19.00 LPA



**BINO VARGISH, CSE**  
16MH1A0545

**aws** 19.00 LPA



**SACHIN KUMAR S, CSE**  
16MH1A0552

**aws** 19.00 LPA



**PRAFULLA RAJ, CSE**  
16MH1A0546

**BYJU'S** 10.00 LPA



**P S V K SHANMUKH, CSE**  
18MH1A0543

**BYJU'S** 10.00 LPA



**M R S SAI TEJA, CIVIL**  
18MH5A0120

**MAERSK** 9.90 LPA



**M MANOJ SAI, ECE**  
18MH1A04C9

**MAERSK** 9.90 LPA



**B SAI MANASA, CSE**  
18MH1A0511

**ivv** SOFTWARE 8.00 LPA



**L GOVINDA, CSE**  
18MH5A0502

**Capgemini** 7.50 LPA



**NEELIMA T, EEE**  
18MH1A0204

**ALIMETRIK** 7.00 LPA



**A S BHANUPRASAD, ECE**  
19MH5A0415

**ALIMETRIK** 7.00 LPA



**SAI JAGADEESH, CSE**  
18MH1A0541

**ALIMETRIK** 7.00 LPA



**A SATYANARAYANA, CSE**  
18MH1A0504

*Congratulations*





# ADITYA COLLEGE OF ENGINEERING

Department of Physical Education

Physical Education is the **HEARTBEAT** of **EDUCATION**



JNTUK Intercollegiate  
Taekwondo Gold Medal Winner



JNTUK Inter Collegiate  
Gold Medal  
Power Lifting



JNTUK B Zone Runners  
Kho-Kho



Intramural Games Winners  
Kabaddi



Intramural Games Runners  
Volley Ball



JNTUK University Players  
Basket Ball



Intramural Games Winners  
Volley Ball



Intramural Chess Opening Match



JNTUK University Inter  
Collegiate Weight Lifting



JNTUK University Inter  
Collegiate Gold Medal  
Best Physique



JNTUK University Player  
Table Tennis



Intramural Games Winners  
Volley Ball



JNTUK University Player  
Kho Kho



JNTUK University Player  
Judo



JNTUK University Player  
Cricket



Intramural Games Winners  
Kabaddi

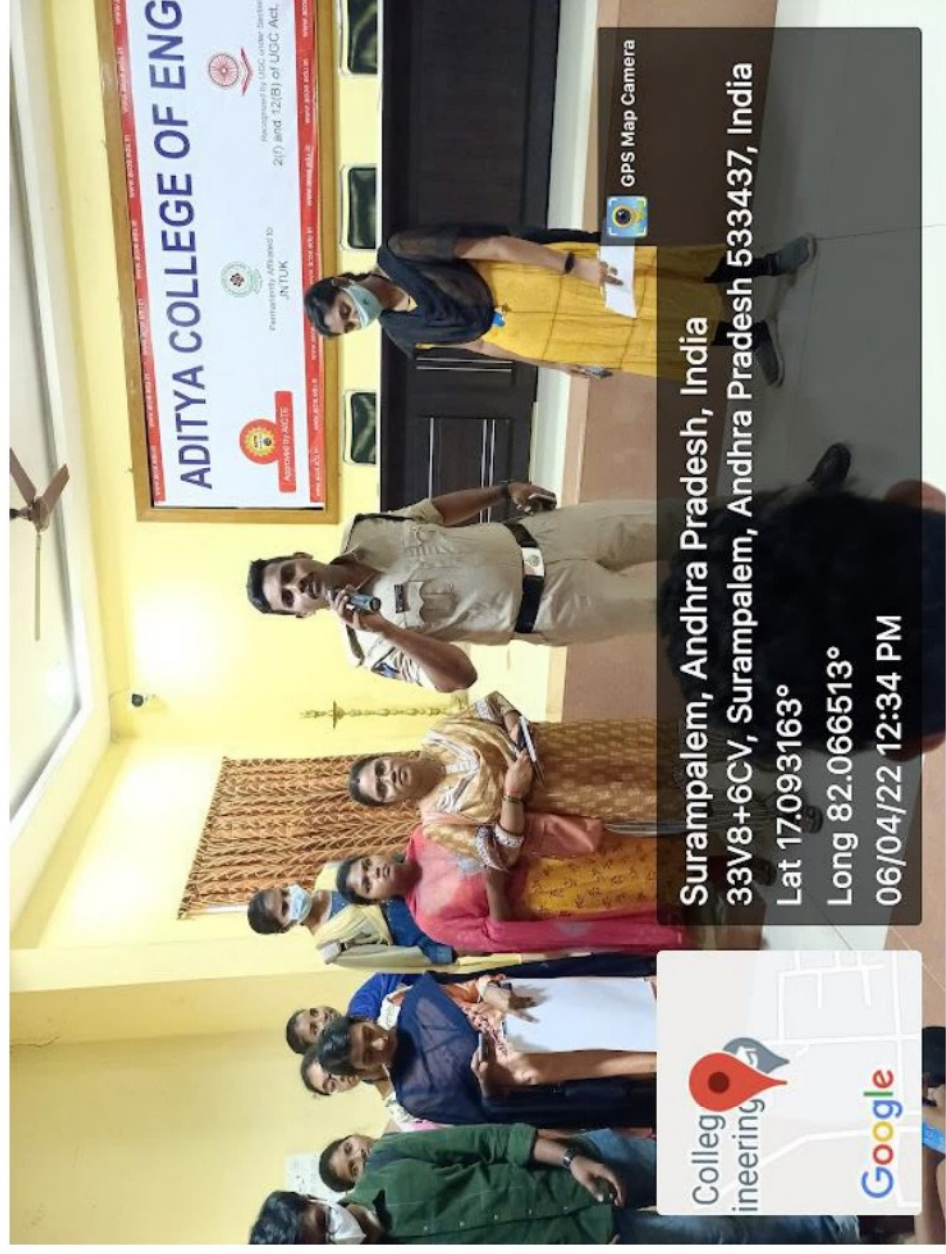








## Disha App Installation and Awareness Program





## Cancer Awareness Program

**అదిత్య ఎన్.ఎస్.ఎస్. అధ్యక్షంలో క్యాన్సర్ పై అవగాహన గండేపల్లి, మార్చి 12, పల్లె జ్యోతి ప్రతినిధి**



సుమంత మరియు రేడియేషన్ అంకాలజిస్ట్ డాక్టర్ ఫణీంద్ర పాల్గాని ప్రసంగించారు. ఈ కార్యక్రమం ద్వారా వివిధ రకాల క్యాన్సర్ గురించి అవగాహన కల్పించడంతో పాటు జీవనశైలి లో మార్పుల ద్వారా క్యాన్సర్లను ఎలా నిరోధించవచ్చు అనే అంశాలపై అవగాహన కల్పించారు. నానాటికీ క్యాన్సర్ల వల్ల మరణాల శాతం పెరుగుతుంది.. కారణం శారీరక శ్రమ లేని జీవనశైలి, పెరుగుతున్న ఊబకాయం మరియు కాలువ్య స్థాయి, పొగాకు మరియు మద్యపానం వినియోగం, మారుతున్న ఆహార అలవాట్లు ధూమపానం వంటివి ఈ వ్యాధి పెరుగుదలకు ముఖ్య కారణాలు అని వివరించారు. వాటిని దృష్టిలో ఉంచుకొని మన జీవన శైలి అలవాట్లను మార్పుకొని క్రమశిక్షణ గా జీవించాలని సూచించారు. ముందస్తుగా గుర్తించినట్లయితే క్యాన్సర్లను చాలా వరకు నివారించవచ్చు. క్రమం తప్పకుండా వ్యాధి నిర్ధారణ పరీక్షలు చేయించుకోవాలి. క్యాన్సర్ నివారణ గురించి అలాగే కొలిదశలోనే గుర్తించేలా ఈ వ్యాధిపై ప్రజలలో అవగాహన పెంచడం అవసరం అని తెలిపారు. ఈ కార్యక్రమంలో ప్రిన్సిపాల్ డా. ఆదిరెడ్డి రమేష్.ఎస్.ఎస్.ఎస్. ప్రోగ్రాం ఆఫీసర్ ఎం. రఘునాథ్, ఎన్.ఎస్.ఎస్. వాలంటీర్లు విద్యార్థులు పాల్గొన్నారు.



East Godavari, AP, India  
Gandepalle, East Godavari, 533437,  
Lat 17.092973 Long 82.066927  
03/12/2022 11:03 AM

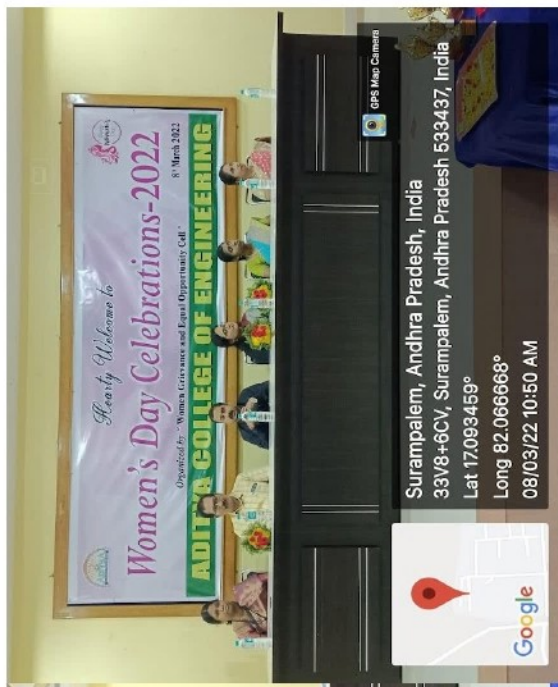


Surampalem, Andhra Pradesh, India  
Aditya nagar, Surampalem, Andhra Pradesh 533437, India  
Lat 17.092968°  
Long 82.066535°  
12/03/22 12:32 PM



## Photo Gallery

### Women's Day Celebrations

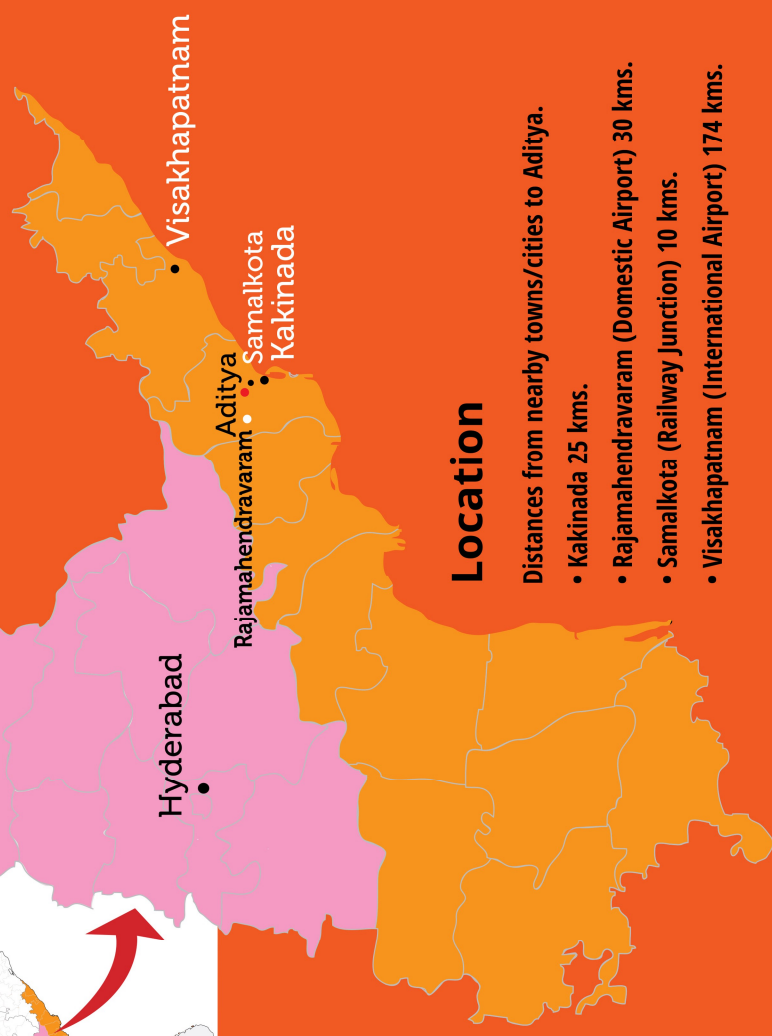
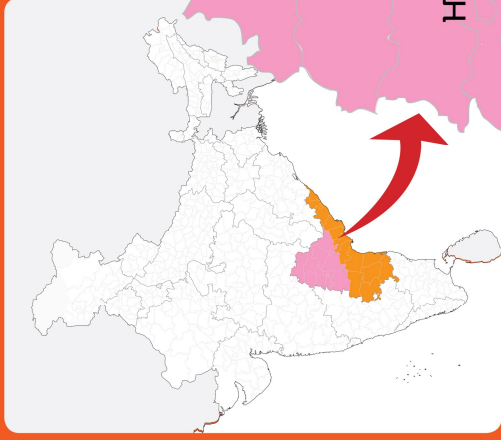


**Happy Women's Day**

No Matter Even If It Takes A While,  
You Handle Every Responsibility  
With A smile!

newsOnline





## Location

Distances from nearby towns/cities to Aditya.

- Kakinada 25 kms.
- Rajamahendravaram (Domestic Airport) 30 kms.
- Samalkota (Railway Junction) 10 kms.
- Visakhapatnam (International Airport) 174 kms.



### Campus:

Aditya Nagar, ADB Road, Surampalem - 533 437, East Godavari District, Andhra Pradesh, India  
Phones: 99498 76662, 99591 76665, 99631 76662, 98665 76663

### Corporate Office:

Aditya Academy, Srinagar, Kakinada, Andhra Pradesh - 533 003, India  
Mail: [info@aditya.ac.in](mailto:info@aditya.ac.in)

### Website Addresses:

Aditya College of Engineering [www.acoe.edu.in](http://www.acoe.edu.in)