

PACE CAMPUS DRONE

Annual Magazine 2018-19



AUTONOMOUS
ENGINEERING COLLEGE



SRINIVASA EDUCATIONAL SOCIETY'S

PACE

INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE, NEW DELHI & Govt. of Andhra Pradesh, Affiliated to JNTUK, Kakinada

Recognized under section 2(f) & 12(B) of the UGC Act, 1956

NH-#16, Near Valluramma Temple, ONGOLE - 523 272, A.P., INDIA | Ph.: 08592 278315, 9581456310 | www.pace.ac.in

CHIEF PATRONS



Dr. M. VENU GOPAL RAO
Chairman



Dr. M. SRIDHAR
Secretary & Correspondent

PATRON



Dr. M. SREENIVASAN
Principal

HONORARY ADVISORS



Dr. RAM KRISHNA
Director of Academics & Planning



Dr. T. R. CHAITHANYA
Dean of R & D



Dr. S. RAJ ANAND
Dean of Academics



Dr. G. V. K. MURTHY
Dean of Student Affairs



Dr. A. V. PRATHAP KUMAR
Dean of EDC

CHIEF EDITOR



Mr. N. VEERANJANEYULU NAIK
Asst. Professor & Incharge of English Dept.

ABOUT COLLEGE:

PACE INSTITUTE OF TECHNOLOGY AND SCIENCES (PACE ITS) was established under Srinivasa Education Society in 2007 at Valluru village, near Ongole. It has been running successfully since the academic year 2008-09. PACE, being an NRI's project is committed to provide a world class technical education. PACE ITS is permanently affiliated to JNTUK, Kakinada and approved by AICTE, New Delhi. The institution was accredited by "NBA" and NAAC with "A" grade. The institution has got the AUTONOMOUS status in 2018. The college is situated in a panoramic area of 11 acres with Wi-Fi enabled infrastructure, well ventilated classrooms and well equipped laboratories. As a provision for physical fitness, the college also has a sports field and indoor stadium.

This institution was started by Sri. M. VENUGOPAL RAO, Chairman and Sri. M. SRIDHAR, Secretary & Correspondent, with a modest strength of 240 and now, the institute has an intake of 900 students. The college offers B. Tech Degree in ECE, CSE, EEE, IT, Mechanical, Automobile and Civil. The college also offers course like MBA, M.Tech and Diploma.

VISION:

To impart futuristic technical education transforming the students technically superior, ethically strong, self disciplined to serve for the nation building as a valuable resource.

MISSION:

- To inculcate quality education by implementing innovative teaching-learning methods and state-of-the-art facilities.
- To enrich the intellectual know-how, credibility and integrity of the students to necessitate industry.
- To transform the students as scholarly and influential leaders in engineering education, and to develop human power with creativity, advanced technology and passion for the betterment of future nation.





Chairman's Message:

I am very much pleased to release the Magazine for the academic year 2018-2019. This is a very special year for the college since we have accomplished our goal of becoming **AUTONOMOUS** within a short span of **10** years. We have come a long way since our humble beginning in 2008 and made this possible within a record time. On behalf of the management, I thank our teaching and non-teaching staff, students, industry partners, alumni, affiliating university (JNTUK) and other stakeholders. I am proud to say that the staff, students and Infrastructure are the three major components that contribute towards the progress, growth and reputation of an Institution. Besides other factors, it is the students who bring the name and fame to the Institution. I finally say that the PACE Institute of Technology and Sciences continues to embrace the vision, as we collectively move forward to build upon our 10 years of history in providing quality education for the students to make them globally strong.

I wish you all the best.

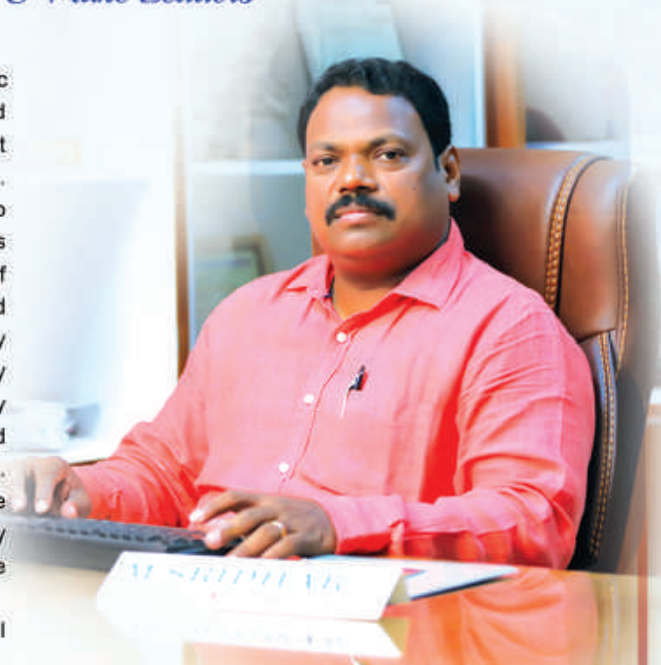
"Be a Leader & Make Leaders"

From The Secretary's Desk:

It's my pleasure to launch the Magazine for the academic year 2018-2019. PACE Institute of Technology and Science was established with the solemn commitment to provide quality education for the benefit of the students. I feel elated to say that PACE is the youngest college to get AUTONOMOUS status within a tiny period of 10 years in Andhra Pradesh. I congratulate all the members of PACE family for the incredible success. I thank each and everyone who rendered the untiring efforts for not only crossing the mile stone but also to grow further. I am really excited to inform you that PACE Institute of Technology and Sciences continues to attract the best students and faculty, the key pillars of any premier educational institution. The college creates a highly competitive and collaborative environment to innovate, initiate and pursue many student-centered activities that enhance technical and life skills of the students.

I congratulate the editorial members for successful releasing of the Magazine.

Today a Reader, Tomorrow a Leader.





Principal's Message:

It is indeed a pleasure and pride for me that PACE Institute of Technology and Sciences has brought out the magazine of the academic year 2018-2019. The magazine projects the multifarious activities of the college in pursuit of achieving the excellence in technical education and fulfillment of the Vision and Mission. Firstly, I congratulate the management for the great success of getting Autonomous, and I thank all the teaching and non-teaching staff for their support in achieving the AUTONOMOUS status. I believe that the Engineers play a vital role in nation building. In order to produce quality Engineers, we have made our curriculum following Outcome Based Education(OBE). I am glad to say that PACE can produce creative engineers and I am also proud to say that the laudable exercises of the students and the staff have brought laurels to the institution. I hope the same will continue to provide quality education to the students and to grow the institution. Finally, I convey my greetings to the Editorial Board Members of the Magazine.

FROM THE DESK OF THE DEAN OF STUDENT AFFAIRS



Dr G.V.K. MURTHY

M.Tech., Ph.D

Dean of Student Affairs

Welcome to the PACE ITS. We are happy to have you join the PACE family. As you begin your academic career, you are embarking on a path full of promises and hopes. The institution is committed to provide you quality technical education and challenging career which fulfill your desires.

I sincerely hope that along with your studies, you will actively participate in more activities of your choice which keep you happy over the year. I would also like to request you to take note of the rules and regulations of PACE ITS. I feel that the rules and regulations are made to bring discipline in the way of leading one's life. They are not made to curtail your freedom and bound you, but they are put in place to guide you in the right path that will make you reach your goal.

Many of you are stepping out of your home to stay and take care of yourself without the loving and caring parental assistance for the first time. You will enjoy the fresh air of freedom but some may find it difficult to cope up. In such a situation, please, do not feel embarrassed and do not hesitate because we are here to take care of you. Certainly we all together shall be able to tide over the difficulties you may have.

FROM THE DESK OF THE DEAN OF ACADEMICS

Dr. S. RAJ ANAND

M.Tech., Ph.D

Dean of Academics



Pace Institute of Technology & Sciences is a center of learning providing theoretical knowledge coupled with lot of practical exposure. The major emphasis is on imparting technical training to encourage the students developing analytical & communication skills and innovativeness among the students.

We have effectively implemented outcome-based education (OBE) throughout our curriculum and we believe in continuous improvement of the academic endeavours.

In this connection, we are continuously upgrading and adopting the best academic practices from time to time in delivering the highest level of satisfaction to our stakeholders. We provide the foundation which acquires quick learning ability to meet the Industry perspective.

We will work, learn and grow together and take the institute to the highest peak in the academic field and maintain the highest standards with diverse cultural heritage. I assure you will achieve your learning goals with the best experiences at our Institute in the journey with full of commitment, values and satisfaction.

From the TPO's Desk :

The world is evolving at a very fast pace. Current scenario demands the ability to learn, unlearn and relearn things. It has always remained a challenge for academia to produce industry ready people. At PACE, our mission is to produce professionally competent engineers by providing value-based and quality education to students and to make them adaptable to ever changing demands and requirements of the world. The prime strengths of the institute are the highly competent students, dedicated and research oriented faculty, staff and the state of the art infrastructure. Within a short span of time, PACE has proved its mettle by standing among the best engineering colleges of the region and has set itself apart as an institute of repute in AP. We share a wonderful relationship with industry as they continue to seek our assistance in various projects where our students participate actively. Today, we have a strong alumni base with presence in almost every major company of corporate world. We have always fulfilled the expectations of our past recruiters and hope to give our best this year also. We encourage all private and government sector companies to participate in the recruitment process and we are sure that the students recruited will play a pivotal role in the growth of the respective organizations.



K. Roopa Akkesh, MBA

Training & Placement Officer

**Companies Hired
Through Campus Interviews**



PATAN AKRAM KHAN

**BYJU'S 10.0 LAKHS
Per Annum**

About Placements

PACE has always prided itself on the quality of the campus placements that are offered to the students. The industries from Hyderabad, Chennai, Coimbatore, Bangalore and Pune, and indeed many from far off, look to recruit the best brains entering the industry from PACE. This ensures that students at PACE have the pick of the kind of work that they want to do.

It also ensures that all the students at PACE are giving the 'finishing school' treatment in order to prepare them for the world of opportunities awaiting them. Thus PACE, through the T&P dept. ensures the best for its students.

Highlights of T&P @ PACE

- Students get an opportunity to work in the field of their choice with industry leaders.
- Students recruited at PACE are amongst the highest paid.
- Students are trained in personality development for the recruitment process.
- Recruiters have always found value in the quality of students at PACE.

MNC COMPANIES THAT HAVE HIRED OUR STUDENTS



IT Companies

- | | |
|---------------------------------|-------------------|
| • GlobalEdge Software | • Amazon |
| • Soft Solutions4U | • CMS IT Services |
| • Aptroid Consulting | • Foxconn |
| • TATA Communications Limited | • HGS |
| • TATA Consultancy Services | • ZenQ |
| • Infosys | • Arch Infotech |
| • Wipro | • IGS |
| • Mindtree | • Snovasys |
| • VIT Infotech | • ZilabaSoft |
| • Cognizant Technology Services | • Atos Syntel |

Core Companies

- Stanadyne
- Coromandel Electronics
- Supreme Industries
- Karbonn
- Surya Tech Solutions
- PACE Power Systems
- Lanarsy Infra
- TATA Communications Limited
- Raam Groups

Glimpses of PACE Training & Placements:

- 100+ Stipend Based Industry Internships for 2nd and 3rd years
- Campus Recruitment Training from 1st Year onwards
- Separated Spoken English & Communication Classes
- GATE & Government Exam Coaching
- Periodical Industry-Institute Interaction
- Industrial Visits & In-plant Training
- Guidance for Mini and Major Projects
- Guidance for Higher Studies in Abroad Universities
- Workshops & Training sessions on Recent Technologies

- Go Speedy Go
- Appeal Group
- Smart & Shine
- BYJUs
- RAAM Group
- Just Dial
- Muthoot Finance
- AEGIS
- Raxa
- SBI
- Scanda Travels
- Sricity
- Unistring Tech Solutions
- Srimagna
- Swiggy
- LD Pvt Ltd
- AAI

Non-IT

RECORD BREAKING PLACEMENTS 2018-2019

TOTAL NO. OF PLACEMENTS
509

5.5
LAKHS
Per Annum



DEPARTMENT OF IT



Sports & Games

PACE, in addition to education encourages the significance of sports and games and other extracurricular activities. The sports and games competitions are progressively conducted to energize both the physical and mental strength. The following are achievements of students in Sports and Games the last academic year.

REPERSENTED IN SOUTH ZONE INTER UNIVERSITY / ALL INDIA COMPETITIONS 2018-2019

S.No.	Date	Name of the Student	Year & Branch	Event	Venue	Result
01	27-10-18	D.PRASANTHI	I CSE	Volley Ball(W)	KLU, Vijayawada	South Zone Participation
02	02-11-18	G.DHANA LAKSHMI	II MBA	Wrestling	Aurangabad	All India Participation
03	15-09-18	SK.NEELIMA	I EEE	Shot Put	ANU, Guntur	South Zone Participation
04	09-11-18	P.CHINNA	IV CIVIL	Volley Ball(M)	SRM University, Chennai	South Zone Participation
05	12-11-18	K.SARITHA	II IT	Kabaddi(W)	Bangalore	South Zone Participation
06	24-11-18	SK.NEELIMA	I EEE	Short Put	Magalore	All India Participation
07	29-01-19	CH.NEERAJA	IV ECE	Hand Ball(W)	Anna University, Chennai	South Zone Participation

S.No.	Date	Name of the Student	Year & Branch	Event	Venue	Result
01	05-04-19	D.PRASANTHI	I CSE	Volley Ball(W)	Prakasam Engg. Clg.	JNTUK Central Zone, 4 th Place
02	27-02-19	P.CHINNA	IV CIVIL	Volley Ball(M)	Prakasam Engg. Clg.	District Winners
03	15-09-18	SK.NEELIMA	I EEE	Shot Put	ANU, Guntur	State Gold Medal
04	08-03-19	P.CHINNA	IV CIVIL	Volley Ball(M)	QIS College, Ongole	District Runners
05	22-10-18	G.DHANALAKSHMI	II MBA	Wrestling	Kurnoole	State Gold Medal
06	07-01-19	R.REVANTH	IV MECH	Cricket	St.Ann's, Chirala	Eenadu Cricket Winners
07	01-03-19	CH.NEERAJA	IV ECE	Throw Ball(W)	BVSR, Chimakurthy	District 3 rd Place
08	08-03-19	CH.CHAITANYA	II CSE	Chess	QIS College, Ongole	District Winner



STATE LEVEL GOLD MEDAL
IN WRESTLING



STATE LEVEL GOLD MEDAL IN SHOT PUT



EENADU CRICKET
CHAMPIONS 2018-19



DISTRICT LEVEL
VOLLEY BALL(M) WINNERS



DISTRICT LEVEL
THROW BALL(W) 3RD PLACE



DISTRICT LEVEL
VOLLEY BALL(M) RUNNERS



JNTUK CENTRAL ZONE
VOLLEY BALL(W) 4th PLACE



DISTRICT LEVEL CHESS WINNER

NSS ACTIVITIES:

Academic Year 2018-19

NATIONAL SERVICE SCHEME:

S.No	DATE	Name of the Student	No.of Students Participated
1	01/12/2018	Aids Rally	300
2	29/12/2018	Motivating Cycle Riding to Avoid Pollution	100
3	22/01/2019	Awareness Rally on Voter Registration	100
4	25/01/2019	Voters Day	100
5	06/02/2019	Awareness Programme on Road Safety	100
6	08/02/2019	Womens Day Celebration	500



Conducted Aids Awareness Rally with 300 students on the occasion of **World Aids Day** in Ongole on 01 December 2018.



Organized a motivation rally with 100 students on "Cycle Riding to Avoid Pollution" on 29 December 2018.



Voters Day 5K RUN



- Our college conducted an Awareness Rally on "Voters Registration" with 100 students in Ongole on 22 January 2019.
- 100 students of our college participated in **5K Run** which is organised by PACE on the occasion of **Voters Day** in Ongole on 25th January 2019.

Awareness Programme on Road Safety



- Organised an Awareness Programme on Road Safety at our campus on 06th February 2019.

CGC ACTIVITIES:

Academic Year 2018-19

CAREER GUIDANCE CELL:

Career guidance is not a new concept; its roots can be traced back to ancient times. However, career guidance in its present form owes its origin to US and other developed countries. Career guidance encompasses information, guidance and counseling services to assist in making educational training and occupational choice.

Career guidance and counseling programmes in PACE aim to provide assistance and advice to students to make them more powerful and better informed so that they can become architects in building their own future. It helps the students to realize their strengths and weaknesses by instilling self awareness, decision making skills, planning skills, personality development etc. The career guidance cell has well-equipped conference training hall and well-furnished rooms for counseling and we have permanent training staff to guide the students according to their requirement.

The Career Guidance Cell provides special training for GRE and TOEFL to the students who are aspiring for higher education abroad. It focuses on Verbal, Quantitative and Reasoning skills along with Analytical Writing Assessment. A good number of students from different branches utilize the services.

Higher Educational pursuits are one of the major goals of most of the students of PACE. Helping them in realizing their goals, the institute regularly offers GATE & PGECET training classes. Though the record of GATE ranks in PACE is less initially there is gradual ascendancy.

With the academic commitment of the student fraternity, PACE always brings forward any initiative that widens the scope of the career of the students. Eventually a special training for the students who are interested in taking up a career at IES, IFS, IAF, etc. has recently been started and completed the required formative training.

Objectives:

- To help students to share knowledge among themselves by identifying skills and interests.
- To provide information about further course prerequisites, financial aid, academic planning, entrance examinations etc.
- To promote career guidance & counseling through lectures by senior corporate executives and visiting professors.
- To organize seminars on interview skills, personality development, communication skills, leadership skills, verbal and reasoning skills that are essential for all competitive exams.



An awareness programme about GATE for III, IV Year students was organised by Career Guidance Cell on 18th February 2019.



Guest Lecture on "HIGHER EDUCATION" was conducted by Career Guidance Cell for Final year students on JAN 11th, 2019.



Women's Day Celebrations organized by Women Empowerment Committee

CSE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The department of Computer Science and Engineering is driven by **Prof. T.Rama Chaitanya, (HoD)** a prolific scholar has done **M.Tech and Ph.D from Anna University, Tamilnadu**. He has tremendous Teaching experience of 10 years. The department has highly qualified and richly experienced faculty. The department has well equipped laboratories through which the students are provided practical knowledge with industry requirement. The faculty members always strive hard to solve the problems of the students to make them strong in programming skills and guide them properly according to their requirements. The department works hard to inculcate conceptual and technical skills among the students through a scientific teaching methodology. The systematic and well planned approach to problem solving is emphasized in the classrooms, laboratories through the course projects and additional computer training beyond the syllabus. Teaching aids such as LCD Projectors, Models, and Charts etc are regularly used to enhance better understanding. The department is proud of running various national & international certification programs in ORACLE, CISCO, DELL EMC, IUCEE, Spoken Tutorials and NPTEL which provide an edge to the students to enhance their skills. Center of Excellence in Big Data Analytics and Cloud Computing has been established to strengthen the students in Data Analytics, Data Sciences and Cloud Computing. The department has international collaborations with Stanford University, USA, University of Texas, USA, and St. Peters University, USA and provided an opportunity to the students to interact with foreign faculty for higher education and internships. The department is also actively involved in R & D as well as consultancy projects and has collaborations with several industries, academic institutes and R & D organizations in the country.



FROM THE HOD's DESK:

Greetings! On behalf of the teaching and non teaching staff and students of the Department of Computer Science and Engineering, PACE Institute of Technology & Sciences. The Department has a team of highly experienced and motivated faculty members who are in the process of tuning the young minds globally competitive. Innovative methods of teaching and learning process are adopted to achieve learning abilities through practice, exposure and motivation. The department has excellent infrastructural and computing facilities and the department provides a conducive environment to promote academic and research excellence. Besides, the entire teaching fraternity of the department looks forward to the holistic growth of the department

and they aim at doing something extraordinarily in the academic arena of Computer Science and Engineering. We, as a team sincerely welcome the young talented students who aspire to study and make innovations in the area of Computer Science.

Dr.T.Rama Chaitanya

Professor & HoD



DEPARTMENT ACHIEVEMENTS:

MOU's:

S.No	Name of the Company	MOU Signed Date	Objective
1	ORACLE ACADEMY	24.10.2018	FDP,Cloud accounts,Training,Certification
2	IBM Academic Initiative	25.10.2018	Skill Development
3	CISCO	14.10.2018	CISCO Network Academy
4	UT Dallas,USA	21.10.2018	FDP,Faculty & Student Exchange
5	Spoken Tutorials	28.08.2018	Certification,MOOCS
6	St.Peters University, New Jersey, USA	23.01.2018	Online Courses Study Tours, Projects

WORKSHOPS ORGANIZED:



ORGANISED A ONE DAY WORKSHOP ON "JAVA SCRIPT AND PROBLEM SOLVING" BY DR. JEY VEERASWAMY, DIRECTOR, CENTER FOR CS EDUCATION & OUTREACH, UNIVERSITY OF TEXAS IN DALLAS, USA ON 15.12.2018.



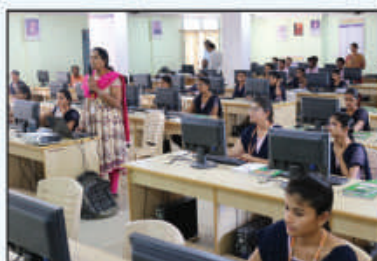
ORGANISED A WORKSHOP ON "DESIGN THINKING, CRITICAL THINKING AND COGNITIVE SKILLS" BY UNIVERSITY INNOVATION FELLOWS FOR II AND III YEAR STUDENTS ON 28-12-2018.



CONDUCTED A WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS" FOR II AND III YEAR STUDENTS BY MR. AJAY FROM THE DEPARTMENT OF MBA, PACE ITS.



ORGANISED A WORKSHOP ON IPR (INTELLECTUAL PROPERTY RIGHTS) FOR THE STUDENTS AND FACULTY BY MS. SHWETASREE MAJUMDER, PRINCIPAL, FIDUS LAW CHAMBER PROGRAMME BY MHRD ON 10-01-2019.



CONDUCTED A THREE DAY WORKSHOP ON "SALESFORCE HACKATHON" FROM 03.01.2019 TO 05.01.2019 BY MRS. SRAVYA NUJELLA, A TECHNICAL TRAINER FROM ICT ACADEMY-CHENNAI.



ORGANISED A ONE-DAY ONLINE WORKSHOP ON "VM WARE NETWORK VIRTUALIZATION THROUGH APITA" WORKSHOP FOR III YEARS ON 2-3-2019.



CONDUCTED A THREE DAY WORKSHOP ON "CYBER SECURITY" FOR IV YEAR STUDENTS BY MR. P. SUDEEP, ESF LABS LTD IN ASSOCIATION WITH APITA FROM 04-09-2018 TO 06-09-2018.



ORGANISED A ONE DAY WORKSHOP ON "GAMING HACKTHON" FOR IV YEAR STUDENTS BY MR. MADHUR GUPTA, FIELD ENGINEER FROM UNITY 3D-MUMBAI ON 04-10-2018.



ORGANISED A ONE DAY WORKSHOP ON "OOP WITH PROCESSING" FOR III AND IV YEAR STUDENTS BY DR. JEY VEERASWAMY, DIRECTOR, CENTRE FOR CS EDUCATION & OUTREACH, UNIVERSITY OF TEXAS IN DALLAS, USA ON 15.12.2018.



ORGANISED A ONE DAY WORKSHOP ON "IIOT" FOR III AND IV YEAR STUDENTS BY MR. PETER MANOJ FROM IISC BANGLORE ON 03-07-2018.

GUEST LECTURES:



ORGANIZED A ONE DAY WORKSHOP ON "JAVA SCRIPT AND PROBLEM SOLVING" BY DR. JEY VEERASWAMY, DIRECTOR, CENTER FOR CS EDUCATION & OUTREACH, UNIVERSITY OF TEXAS IN DALLAS, USA ON 15.12.2018



ARRANGED A GUEST LECTURER ON "INDIAN INNOVATIONS" FOR II & III YEAR STUDENTS BY MR. T. PRAVEEN KUMAR FROM BOSCH TECHNOLOGIES, BANGLORE ON 07-07-2018.



ORGANIZED A TECHNICAL TALK ON "IEEE EXPLORER" BY MR. MANIK ANDAN JAYAKRISHNAN FROM IEEE CENTER, BANGLORE FOR III & IV YEAR STUDENTS ON 06-07-2018.

FACULTY ACHIEVEMENTS:



STUDENTS' ACHIEVEMENTS:

Academic Toppers:

ALUMNI:

Alumni Meet conducted on 24th February 2019.



S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	17KQ1A0547	M. THIRUMALA	9.13
2	II	17KQ1A0533	S. MAHESWARI	8.88
3	III	16KQ1A0590	SK. SHAHINA	79.87
4	III	16KQ1A0533	T. SAI RANI	77.89
5	IV	15KQ1A0535	V. NAVEENA	82.91
6	IV	15KQ1A0531	T. BHARGAVI	79.82

NPTEL CERTIFICATION:

Number of Students Successfully Completed NPTEL Course

468

Number of Students got Elite Certificate

55

Number of Students got Elite+silver

13

Number Students Stood as Toppers

3

- Ms. RamiReddy Mahitha, from II year, stood as Topper in NPTEL certification course.
- Mr. A. Sesharao, from III year, stood as Topper in NPTEL certification course.
- Mr. S. Vijayakumar, from II year, stood as Topper in NPTEL certification course.



- Mr. Sk. Sajid received "The Best Innovation Award for Laptop Lock" from The Chief Minister of Andhra Pradesh, Sri. N. Chandrababu Naidu in "Jnanbheri" Programme held on 12 Dec, 2018 in Ongole.
- Mr. T. Brahma Reddy and Mr. G. Venkateswarlu, from III year got second prize for paper presentation on "Vehicle Detection by using Scanner System" held on 1st & 2nd March, 2019 in VR Siddhartha Engineering College, Vijayawada.

INDUSTRIAL VISITS



III Year Students Visited "Lerna Labs", Robotics Company in IIT Madras Research Park, Chennai, Tamil Nadu.

ECE

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



The Department of Electronics & Communication Engineering is headed by **Prof. M. Srinagesh, M.Tech, Ph.D.**, a distinguish professional with profound knowledge, has 18 years of industry and 11 years of teaching experience. The department has well experienced and highly qualified faculty members who are always ready to hook on the challenging tasks. The department nurtures the students with fundamentals that help them to advance with their innovations and encourages them to keep abreast of the present trend into a state centre of excellence in Electronics and Communication Engineering through inspiring teaching methodologies and exclusive laboratories with latest equipment of global standards.

HOD's Message:

At the outset, I am very happy to release this edition of RADAR SCAN (Intra department Magazine of Electronics and Communication Engineering, PACE Institute of Technology and Sciences, Ongole). We have achieved another mile stone this academic year 2018-19. The department is accredited with NBA and the institution has become AUTONOMOUS. PACE is the youngest institute in the state of A.P. which has grown to autonomous status within a decade time of establishment. ECE department is one of the highly reputed and vibrant departments in PACE institution, having very dynamic faculty. This year, we have ensured 92% of the ratified faculty and well balanced student faculty and faculty carder ratio as per revised guidelines of AICTE and UGC.

A strong and well experienced Board of Studies has prepared the autonomous syllabus which meets and exceeds the expectations of the various stake holders like Industry and Academia. Various new Industrial MoUs for consultancy, Joint research, and Student Internships are added in this academic year. I am also very happy to announce that the management has taken a firm decision of establishing a research centre in the department to promote R&D for academia and industry leading to award Ph.D degree to the researchers.



Wish You a Very Happy Reading.



Dr.M.Srinagesh
Professor & HoD

Dept. Achievements:

1. A One Week FDP was conducted on **"Simulation And Emulation Software"** From 12-11-2018 To 17-11-2018.
2. The department has MOU with **Chinmaya Micro Technologies** for the period of 5 years.
3. 19 faculty members registered for various **NPTEL** courses and received certificates from **IIT Madras**. One of the faculty got top 1 percent.
4. 150 students registered for various NPTEL courses and received certificates from **IIT Madras**.
5. 10 students were selected for International Technical Championship-(ITC-2019).

FACULTY ACHIEVEMENTS:

FDPs Attended	15	NPTEL Certifications	23 (Elite- 4, Gold -1)
Workshops Attended	04	Seminars attended	02
Conferences Attended	04	Patents	02
Paper Publications (Scopus Indexed Journals)	04	Books published	01

WORKSHOPS ATTENDED:



"e-YANTRA ROBOTICS"



"ARTIFICIAL INTELLIGENCE AND SIGNAL PROCESSING USING MATLAB"



"MCU USING PIC32 INSTRUCTOR TRAINING PROGRAM"



"ORGANIZED A TWO DAY WORKSHOP ON "MOBILE MAKING AND ROBOTICS DESIGN"

- Mr.K.Sundeeep, Assoc. Professor, Attended a Two Day Workshop on “e-yantra Robotics” at Indian Institute of Technology Bombay, on 8th & 9th February 2019.
- Mr.K.Sundeeep, Assoc. Professor Attended a Seminar on “Artificial Intelligence and Signal Processing using MATLAB” held at Hotel Park Hyatt in Hyderabad on 05-12-2018.
- Mr. M.S. Manohar, Assistant Professor attended a workshop on “MCU using PIC32 instructor training program” held at SRK Institute of Technology, Vijayawada from 17th April to 20th April 2019.
- Mr. N.Rambabu, Assistant professor attended a workshop on “MCU using PIC32 instructor training program” held at SRK Institute of Technology, Vijayawada from 17th April to 20th April 2019.
- Mr. Ch. Janardhan Assistant Professor, organized a Two day workshop on “Mobile Making and Robotics Design” in Association with IITB and ITG at PACE on 22nd and 23rd Feb 2019.

FDPs ATTENDED:

- Mr.K.Sivakrishna, Associate Professor, Attended a One-week faculty development programme on “Recent Trends in Communication Engineering” (labview, feko,xlinux), sponsored by AICTE- Margadarshan at JNTUK from 4th Feb To 9th Feb 2019.
- Mr.T.Ramaiah, Assistant Professor, Attended a One-week faculty development programme on “Recent Trends in Communication Engineering” (labview, feko,xlinux), sponsored by AICTE- Margadarshan at JNTUK from 4th Feb To 9th Feb 2019.
- Mr.N.Durga Paremash Rao, Assistant Professor, Attended a One-week faculty development programme on “Recent Trends in Communication Engineering” (labview, feko,xlinux), sponsored by AICTE- Margadarshan at JNTUK from 4th Feb To 9th Feb 2019.

PAPERS PUBLISHED:

- Mr.N.Prakash Babu, Mr.K.Sundeeep And Dr.M.Sri Nagesh Presented a Paper on “Fault Tolerance Scan Based Logic BIST On SRAM Using LFSR” at RACE19 Conference Organized By Nalla Malla Reddy Engineering College, Hyderabad.
- Dr.J.V.Anand and Dr.P.Sivanesan published a paper titled “Certain investigations of underwater wireless sensors synchronization and funnelling effect” in International Journal of Computers and Applications(inpress) (scopus indexed free journal).
- Dr. M.Srinagesh and Dr. J.V. Anand published a paper entitled “Field based Observations of ECG Analysis in night workmen using time series analysis for ascertaining of Circadian Rhythm” in 33rd Indian Engineering congress Conference” Technical Volume” in December 2018, Pg 380-384.
- Dr.J.V. ANAND is a Member for Editorial Board of American Journal of Electrical and Computer Engineering.
- Dr. J.V. ANAND acted as a Guest Editor for the Special issue entitled “Enabling Technologies for Networking Based Wireless Communication Through Artificial Intelligence” International Journal of Business Data Communication and Engineering. (Scopus).
- Dr.J.V.ANAND acted as a reviewer for 1st International Conference on “Energy Systems and Information Processing” which is going to be organised by Indian Institute of Information Technology, and “Design & Manufacturing” (IIITD&M) Kancheepuram, Chennai, India on 04 July 2019.
- Mrs.Namrata Sarode, Mr. Ch. Janardhan, Dr. M. Srinagesh got acceptance from International Journal of Environmental Protection (SCOPUS) for the paper entitled “FTIR Imaging Techniques for Estimation of Micro Plastics in Waste Water and Sediments.”
- Mr. K. Suresh Babu, Assistant Professor, has published a paper on “High Speed and Low Latency Viterbi Algorithm Using PMU” at International Journal of Management Technology and Engineering, volume 8, issue XII in December 2018.
- Mr. Ch.janrdhan, Assistant Professor, has published a paper on “Automatic Seeded Selection Region Growing Algorithm for Effective MRI brain Image Segmentation and Classification” in springer book series (Scopus free publication).
- Dr.A.V. Pratap got acceptance for the paper entitled “security analysis of smart embedded system using IOT” in 10th international conference on applied science & engineering (IACSE).
- Mr.N.Manohar, Assistant Professor, is a qualified faculty by National Testing Agency for annual refresher program in Teaching Test 2019 program conducted by AICTE in association with MHRD India.

AWARDS RECEIVED:

- Dr.M.Srinagesh (HoD) has received Dr.APJ. Abdul Kalam Lifetime Achievement Award in Teaching, Research, Publication And Innovation on Jan26th 2019 at Bangalore



PACE PROFESSOR RECEIVES AWARD

BOOKS PUBLISHED:

- Dr.A.V. Pratap got acceptance for textbook on “Advanced Concepts of Embedded Systems” with ISBN 978-93-5351-944-5.

DST PROJECTS:

- Mrs.N.Padmavathi, Assistant Professor applied for DST-WOS-A scheme and it is approved for presentation.

PATENTS:

S.No	Name of the Person	CBR No.	Application Number	Title
1	Dr. M. Srinagesh	36176	201841047566	Wireless Peel Testing Instrument For Under Ground Buried Gas Pipe Lines As Per Din36070 Method-I In

• Two patents are filed by Dr. M. Srinagesh, one along with students.

STUDENTS' ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	17KQ1A0473	Ms. M. Dedeepya	9.6
2	III	16KQ1A0410	Ms. Swaroopa Rani	92.6%
3	IV	15KQ1A0426	Ms. S. Rishita	86.77%

CO-CURRICULAR ACTIVITIES:

Publications in International Conferences	5	Coding / Project Expo	4
Workshops Attended	180	NPTEL Certifications	150
Paper Presentations	87	IETE Member Ship	180

PAPER PRESENTATIONS:

1. S.V.S.S.Narasimharao from 4th year presented a paper at IETE Sponsored Second National Conference on Emerging Trends in Engineering, Science and Technology, organized by RNS Institute of Technology, Bengaluru on 3rd May 2019.

1. V.Prasanna from 4th year presented a paper at IETE Sponsored Second National Conference on Emerging Trends in Engineering, Science and Technology, organized by RNS Institute of Technology, Bengaluru on 3rd May 2019.
2. K.Kavya from 4th year presented a paper at IETE Sponsored Second National Conference on Emerging Trends in Engineering, Science and Technology, organized by RNS Institute of Technology, Bengaluru on 3rd May 2019.
3. S.Rishitha from 4th year presented a paper at IETE Sponsored Second National Conference on Emerging Trends in Engineering, Science and Technology, organized by RNS Institute of Technology, Bengaluru on 3rd May 2019.
4. Y.Indusekhar, from 4th year presented a paper at IETE Sponsored Second National Conference on Emerging Trends in Engineering, Science and Technology, organized by RNS Institute of Technology, Bengaluru on 3rd May 2019.

PROJECT EXPO:



5. Final year students, Y.InduSekhar and Ch.Kalyan Babu have participated in project expo with a project titled Solar Based Automatic Smart Water Level Controller held at "JNANABHERI" (Knowledge Summit) Conducted by the government of Andhra Pradesh in Ongole.



6. The final year students, P.Midhuna and M.Naga Sai Babu have participated in project expo with a project titled Smart LED Bulb held at "JNANABHERI" (Knowledge Summit) Conducted by the government of Andhra Pradesh in Ongole.

EXTRACURRICULAR ACTIVITIES:



1. Ms.S.Harika, 4th year student, has performed "Classical Dance" at CM's meeting "JNANABHERI" (Knowledge Summit) held in Ongole.



EEE DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The department is headed by **Prof.G.V.K.Murthy, M.Tech, Ph.D, has a vast Experience of 19 years in Teaching.**

The department of Electrical and Electronics Engineering has been established with core Research and Development in Power Apparatus and Systems. The Department comprises of highly qualified and efficient faculty members who will give an utmost encouragement to the students. The department is well equipped with the latest audio-visual equipment and modern laboratories. The department provides adequate computing and sufficient library facilities. The department has a stern Industry-interaction and also offers testing and consultancy services. The Faculty and the students participate in National and International Conferences and present papers every year in reputed journals and International Conferences. In order to enhance the quality of faculty, periodic training programmes are being conducted by inviting eminent personalities from Industry and Academic Institutions and sponsoring various Faculty Development Programmes. The students are encouraged to conduct Intra-Departmental symposium and National Symposium in order to enrich their knowledge with the latest advancements. The Department has a "Hobby Centre" created for the students for developing their innovative skills and novel ideas in the field of Research and Development.



FROM THE HOD's DESK:

I welcome all the students to the department of Electrical and Electronics Engineering. The department provides the students with sound foundation in the mathematical, scientific and engineering fundamentals that are necessary to formulate, solve and analyze engineering problems and to prepare them for higher studies as well as research. Electrical & Electronics Engineering department is the dynamic and vibrant department with the blend of young and experienced faculty. The department actively involves in academic as well as research work in current areas of Electrical Engineering and multi-disciplinary streams. The department has well equipped labs with the state of art software, hardware and machineries. The department is fortunate to have dedicated teachers, devoted students, committed supporting staff and expert technical staff. Specially, I congratulate my students for participating in various extra-curricular activities, research work and competitive exams. My best wishes to all for their bright carrier and successful life.

Dr. G V K Murthy
Professor & HoD

DEPARTMENT ACHIEVEMENTS:

MOU's:

S.No	Name of the Company	MOU Signed Date
1	VIDAL NDT	24.11.2018
2	SYNXA Pvt. Ltd.	10-12-2018
3	SLYLANDRO Pvt. Ltd.	01.12.2018
4	Passionate Engineers Pvt. Ltd.	03.12.2018



Organized A One Day Workshop on "RECENT RESEARCH ASPECTS IN POWER SYSTEMS USING MAT LAB" by Dr. Ch. V. Suresh, Professor, VVIT, Guntur on 6th March 2019.



Arranged an Expert Lecture on "Recent Trends in HVDC Transmission systems" by Dr. G. Nageswara Reddy, Professor & HOD of EEE, YSR Yogi Vemana University, Proddutur. on 29 January 2019.



Organized A One Day National level Seminar on "ELECTRIC & HYBRID VEHICLES" by Mr. V. Anil Kumar Lead Engineer, Mahindra & Mahindra Ltd, Chennai on 25th Feb 2019.

FACULTY ACHIEVEMENTS:



Mr. Prasad Dasari, M.Tech., (Ph.D) Assistant Professor Participated in a two day workshop on "Introduction to Robotics" held at Indian Institute of Technology Bombay by the Department of Computer Science and Engineering on 8th & 9th February 2019.

STUDENTS' ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	18KQ5A0209	Mr.V.HARI BABU	8.36
2	II	18KQ5A0206	Mr. L.GOPI CHANDU	8.77
3	III	16KQ1A0229	Ms.Y. SIVA KEERTHI	7.77
4	III	16KQ1A0206	Ms.D. SRAVYA	8.05
5	IV	15KQ1A0240	Mr.T.KARTHIKEYA	85.24
6	IV	15KQ1A0238	Mr.T.SAI PAVAN	85.52

INDUSTRIAL VISITS:



Our IV year students were taken for an Industrial visit to Dr Narla Tata Rao Thermal Power Plant or Vijayawada Thermal Power Plant(VTPS) in Vijayawada on 9th January 2019.



An Industrial Visit was arranged for III year students at Electricity Board Substation (220KV), Ongole on 11th January 2019.



CIVIL DEPARTMENT OF CIVIL ENGINEERING

The department of Civil Engineering was established in 2009 with an aim of promoting high quality education. **The department is led by Mr.G.Ganesh Naidu, Assoc. Prof. and HoD**, is a good leader, has done M.Tech from JNTU Hyderabad and currently doing Ph.D from VIT University, Tamilnadu. He has 9 years of teaching Experience. The department has well qualified, experienced and dedicated faculty who can shine the students in the field of Civil Engineering. Civil Engineering is a broad field of engineering that deals with planning, design, construction, and maintenance of different structures like buildings, roads, bridges, canals, dams, water supply and treatment systems etc. The department has a rich ambience of spacious classrooms with LCD projectors and laboratories which are conducive for learning and training. Our Department signed up with Various Industrial MOU's. The department of Civil Engineering involves the students in various Curricular & Extra-curricular activities. To promote academic and research cognizance among the students, the department is actively involved in organizing Seminars and Workshops. The department actively participates in R & D as well as consultancy projects and has collaborations with several industries, academic institutes and R & D organizations in the country.



FROM THE HOD'S DESK:

Civil engineering is one of the best branches. Our department has fully dedicated faculty who focuses on the Effective teaching and learning philosophy of the foundation. It holds a Royal place in the college. The department facilitates the student community with high standards and value-oriented traditional teaching with the synergy of modern techniques. We aim towards making every student strong from foundation to a true asset for the Nation and to be a noble human being in the world.

I wish you all the success.

G.Ganesh Naidu

Assoc.prof & HOD

Dept. Achievements:



The department made MOU with Earthnomic Engineers, Chennai on 5th December 2018.



The Indian Green Building Council CII counselor, Naveen Akkina and others at the launch of student chapter

IGBC opens student chapter at PACE

Indian Green Building Council CII Counselor, Naveen Akkina along with the other dignitaries launched Student Chapter in January 2019.



Organised A One Week Faculty Development Programme on Auto-Desk Auto Cad Software on 8th October 2018.



Organised a one day workshop on "RECENT TRENDS IN CEMENT INDUSTRIES" on January 29th 2019. The speaker of the workshop was Mr.Hariprasad ,Manager of South Zone JINDAL South West Multinational Company.



Our student **Ms.A.V. Sai Pavani** got **PRATHIBHA AWARD** -2018 for her Excellence in Academics on 30th January 2019 from JNTU Kakinada.



INDIAN CONCRETE INSTITUTE (ICI) opened College & Student Chapters in PACE on 14th December 2018.



A Two Week **Add-on Course** Programme was organized on "**PRIMAVERA SOFTWARE**" for final year students on 5th January 2018.

INDUSTRIAL VISITS:



Our students were taken for an **INDUSTRIAL VISIT** regarding Transportation Engineering at Surareddy Palem Railway Station in Prakasam Dist. on 26th January 2018.



The department arranged an **INDUSTRIAL VISIT** about Laying of pile Foundations at Damacharla polytechnic college in Prakasam Dist. on 10th Jan 2019.



Our student went for an **INDUSTRIAL VISIT** to Ready Mix Concrete Plant at Global Ready Mix Plant in Ongole on 11th Jan 2019.



Our students were taken for an **INDUSTRIAL VISIT** to **WASTE WATER TREATMENT PLANT**, Chennai on 7th September 2018.



The Dept. Conducts **INTERNAL LAB DEMONSTRATIONS** for the faculty every academic year.



"**Engineers Day**" Celebrations



"**Engineers Day**" Celebrations:

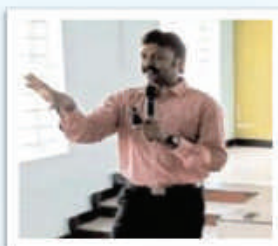


FAREWELL DAY Celebrations of 2018.



Our faculty got prize in Rangoli Contest on the Eve of Makara Sankranti Celebrations-2018 organized at PACE College in January 2018.

FACULTY ACHIEVEMENTS:



Organized a One Day Faculty Development Program On "Research Methodology" by Mr.Tiruchhi Anad Krishnan, Associate professor, NIT, Chennai on 7th February 2019.

STUDENT ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	17KQ1A0101	Ms.Baig Arshiya	9.45
2	II	18KQ5A0103	Mr. Y.V.Naga Sai Tharun	9.32
3	III	16KQ1A0172	Mr. Dasari Raghuveer	8.76
4	III	16KQ1A0120	Ms.U.Lakshmi Sirisha	8.49
5	IV	15KQ1A0198	Mr.Rajarapu Bhushaiah	89.3
6	IV	15KQ1A0168	Ms.Raju Sirisha	88.7

- Mr. Rajarapu Bhushaiah scored 97.3 % and stood as top ranker from JNTU KAKINADA in II-I Semester End Exams, 2016.
- Ms.I.Sudhistna, Mr.V.Krishna Chaitanya and Mr.K.Anil Kumar, final year students cracked GATE2K17.
- Mr.S.SHANKAR, final year students cracked GATE-2K18.
- Mr.Rajarapu Bhushaiah and Mr.Paleti Akhil , final year students cracked GATE-2K19

PAPER PUBLICATIONS:

- No of paper publications - 7
- Total number of students got certificates - 17
 - Scopus indexed journal - 01
 - IRJET - 01
 - IJRASET - 01
 - IJLTEMAS - 01

PAPER PRESENTATION:



Our student Mr.M.Ajay Kumar got First prize in paper presentation held in Narasarao peta Engineering college on 27-12 -2018.

ME DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering is as old as the Institute. The department is headed by Dr. Sukumar Puhan, a brain box, has done M.E and Ph.D from Anna University, Chennai. He has a Proficient Experience of 6 years in industry and 16 years in teaching. The vision of the department is to provide top rated Engineers to the nation. To fulfill this vision, the department strives hard through rigorous coursework and cutting-edge research activities. The students in the department are exposed to the problems faced by today's societies, and are trained to address those problems through innovative thinking to develop appropriate technological solutions. The faculty members of the department drive these activities through their teaching and diverse research programs, covering numerous facets of Mechanical Engineering Science and Applications. In addition to the regular academic work, the department encourages the students to participate in co-curricular activities such as internships, industrial visits and add-on courses like Pro-E, CATIA, AUTOCAD, Ansys. The department organizes the guest lecturers for the students by inviting resourceful persons from industries and renowned universities to provide knowledge, which is beyond the curriculum. For Comprehensive growth of the student, the department conducts special training on Soft skills, life skills, Emotional Intelligence, problem solving skills. The department has well equipped labs with latest equipment where the students can strengthen their practical knowledge.



FROM THE HOD's DESK:

I feel that it's my pleasure to talk about the department. The department has well qualified, experienced and dedicated faculty. The objective of department is to prepare students for successful career in Industry, Research and Academics to meet the needs of growing technology. Our efforts are put in to develop the ability among students to synthesize data and technical concepts for application to a product design. We provide opportunity for the students to work as members of a team on multidisciplinary projects. The department provides the students with sound foundation in the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems and to prepare them for higher studies as well as research. We promote student awareness for life-long learning and to introduce them to professional ethics and codes. I am strong believer of "No TECH without MECH". Nearly every product or service in modern life has been touched in some way by a mechanical engineer. Yesterday digital, today technology, tomorrow it can be anything but mechanical forever.

I wish you all the success.

Dr. Sukumar Puhan
Professor & Hod

DEPARTMENT ACHIEVEMENTS:

MOU's:

S.No	Name of the Company	MOU Signed Date
1	YUCAN TECHNOLOGIES, BANGALORE	24.10.2018
2	SRI PRASANNANJANEYA CRANES, NELLORE	25.10.2018
3	SRI PRASANNANJANEYA AGRO AGENCIES, ONGOLE	14.10.2018
4	SUJALA PIPES PRIVATE LTD, NANDYAL	21.10.2018
5	LAKSHMI GRANITES, ONGOLE	28.08.2018
6	ALPHA CADD, CHENNAI	23.01.2018



The Department Made MOU with SUJALA PIPES PRIVATE LTD, NANDYALA



The Department made MOU with SRI PRAS-ANNANJANEYA AGRO AGENCIES, Dealer of Swaraj Tractors, Ongole.



Inaugurated "SAE India Pace Collegiate Club."



Organized a Guest Lecture on Exhaust gas sampling, Emission Measuring Instruments and Emission Standards for II, III & IV Year Students by Dr. P. Senthil Kumar, Asst. Professor, MIT Campus, Anna University, Chennai.



Organized a Guest Lecture on "Electric propulsion Vehicles" for II, III & IV Year Students by Kiran Raj Goli, Managing Director, Ongole.



Conducted an awareness program on Core Jobs.

FACULTY ACHIEVEMENTS:



- One of our faculty attended for two weeks summer FDP in JNTU-K on Design of Machine Members- I & Heat Transfer.
- One of our faculty attended for one week FDP in osmania university on 3D Printing.

STUDENTS' ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	18KQ5A0301	Mr.M.Papaiah	8.8
2	II	18KQ5A0303	Mr.S.Ram Prasad	8.4
3	III	16KQ1A0329	Mr.K.Narendra	8.6
4	III	17KQ5A0323	Mr.N.Vamsi Krishna	8.1
5	IV	15KQ1A0338	Mr.P.Harsha Pradyumn	79.20%
6	IV	15KQ1A0381	Mr.K.Sai Pradeep Kumar	77.50%

- Mr. Harsha Pradyum of IV Year got a second prize in Elocution Competition conducted by SBI.
- Mr. Bijay Bera and Mr. Santhosh Kumar got first prize in Poster Presentation in QIS College.



G.Venkat Ramana,Sk. Baji Basha,O. Narayana Reddy,D. Hemanth Kumar got second prize in technical Quiz held at Rise Krishna Sai Prakasam Group of Institutions.



Our Students invented "TRACTOR BIKE" that was displayed in "JNANBHERI" Programme organised by the Government of Andhra Pradesh and the students were appreciated by the C.M Sri. Nara Chindrababu Naidu.



IT DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology was established in 2008. The department is headed by **Prof. A.Seshagiri Rao**, is dynamic personality, has done his M.Tech from Acharya Nagarjuna University, Guntur and Ph.D from Satyabhama University, Tamilnadu. He has immense Teaching Experience of 12 years. The department strives to be a center of excellence for an innovative teaching-learning environment. The department has professionally skillful and richly experienced faculty who can always take challenging tasks to make the students strong in the field of Information Technology. The Department comprises spacious classrooms and well equipped labs where the students are provided practical knowledge with industry requirement. The department strives hard to make a strong foundation in Programming skills and problem-solving techniques. The department provides a platform to the students to upgrade their skills by running various national & international certification programs in ORACLE, Spoken Tutorials and NPTEL. The department organizes Educational tours and Industrial visits to enhance the practical knowledge of the students and to have the interaction about the recent technologies.



FROM THE HOD's DESK:

It gives me immense pleasure to lead the department of Information Technology. The department has well qualified and eminent faculty. The department aims to develop the students both personally and professionally to achieve successful career in Industry, Research and Academics. Our department employs modern teaching aids and methodologies which help the students with emerging technologies and future requirements. I look forward to the growth of the department and to produce confident professionals of IT.

I wish Best of Luck to all,....!!!

Dr.A.Seshagiri Rao

Professor & HOD

DEPARTMENT ACHIEVEMENTS:

MOU's

S.No	Name of the Company	MOU Signed Date
1	IARDIT, Guargon	22-12-2018
2	Matrix Vision, Bangalore	28-01-2019



A Guest Lecture on "Unix and network Programming" was conducted for II & III year students on 27-12-2018.

Mr.B.Sainath working as Software Developer in Hewlett-Packard Enterprise, Hyderabad interacted with the students and explained the importance of Network programming through Unix.



A one day Faculty Development Program (FDP) on "Research Methodology" was organized on 26-12-2018. Dr.V.Persis, Associate Professor & Vice-Principal of Adikavi Nannayya University handled the session and explained the importance of Research Methodology in various aspects.

A MOU is signed with Matrix Vision company, Bangalore which facilitates Internships to students on 28-01-2019.



A MOU is signed with IARDIT Company, Guargon which facilitates paper publications and projects training for students and faculty on 22-12-18.



Conducted A Two-day Workshop on "Oracle-Database" for II & III year students by Mr.Ch.Naresh Kumar, a Sr.Application Analyst in Atlanta, USA on 04 & 05 January-2019.

FACULTY ACHIEVEMENTS:

FDPs Attended	17
Workshops Attended	05
Conferences Attended	01
Paper Publications (Scopus Indexed Journals)	04
NPTEL Certification	05

STUDENTS' ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	17KQ1A1242	Ms.Y.Nagamani	8.36
2	II	17KQ1A1253	Mr.K.Kranthi	8.27
3	III	16KQ1A1213	Ms.G.Sirisha	8.24
4	III	16KQ1A1247	Mr.K.Indrasenareddy	8.09
5	IV	15KQ1A1209	Ms.G.Niharika	81.6
6	IV	15KQ1A1240	Mr.M.Dileep Kumar	81.3



Mr.SK.Mohammed Aashiq Ilahi of III year participated in an International Conference on Recent Advances in Computer Science (IC-RACE 2019) and presented a paper titled "A Survey on providing enhanced security on Cloud-Based storage" in ANU on 4 & 5 March 2019.



Mr.M.Leela Krishna, Mr.K.Ajay Masthan Valli and Mr.K.Kranthi of II year & K.Pawan kalyan of III year participated in State level Hackathon on "Block Chain" (BLOCKATHON 2K19) workshop in MLEC, Guntur on 9&10 March 2019.



Mr.K.Indrasena Reddy & Mr.Sk.Aashiq of III year got II Prize in Project Expo held at Prakasam Engineering College, Kandukur on 27-02-2019.



Mr. Indrasena Reddy & Mr. Sk.Aashiq of III year got Consolidation Prize in Project Expo held at RISE College, Ongole on 16-02-2019.



The II and III year students visited Infosys Campus in Medchal, Secunderabad on 03-12-2018.



The department conducted Alumni Meet "PACER 2K19" on 10th February 2019.

AME DEPARTMENT OF AUTOMOBILE ENGINEERING

The department of AME is headed by **Mr. K.V.Narasaiah**, is a prolific leader, has done **M.Tech** and currently pursuing **Ph.D.** The **Automobile Engineering** is one of the core engineering departments, established in the year 2010. The department offers a four year graduate program in Automobile Engineering with an annual intake of 60 students. The department aims to gear up the students technically competent to suit the world class industry and academia. The department has great luminaries, prolific research scholars and young faculty with excellent teaching experience. The department encourages the students to participate in various co-curricular and extra-curricular activities to get external exposure. The department provides the facilities for the students to learn soft wares like AUTOCAD, Solid Works, UniGraphics, Ansys, Pro-E, Catia, in the campus itself. The department is equipped with world class laboratories with latest equipment such as; modern engines, chassis dynamometer, exhaust gas analyzer, fuel testing equipment etc. and well furnished class rooms with LCD projectors. The department arranges guest lecturers for the students to make them think beyond the syllabus. The department also focuses on the holistic development of the students by teaching life skills, soft skills, problem solving skills to face the challenges in their life.



FROM THE HOD's DESK:

The Department of Automobile Engineering has recorded consistent improvement in its academic, research and placement performances. We focus on a range of innovatively designed programs for the students to strengthen their practical knowledge. We have a team of highly qualified, experienced and dedicated faculty members who cater the all-round development of students. On behalf of the entire department, I wish you all the best.

Mr.K.V.Narasaiah

Assoc. Prof. & Head

DEPARTMENT ACHIEVEMENTS:

MOU's:

S.No	Name of the Company	MOU Signed Date	Signed Authority Name
1	Electric Propulsion Vehicles	06.12.2018	Mr.Kiran Raj Goli, Managing Director
2	Tirumala Automotives Ltd	14.12.2018	Mr.Somu, HR Manager
3	Kovai Tractors	28.12.2018	Mr.Selvaraj, Managing Partner



An MOU was signed with Electric Propulsion Vehicles, Ongole which helps the Students to get knowledge of E-Mobility Vehicles on 06.12.2018.



An MOU was signed with Tirumala Automotives Ltd, Ongole on 14-12-18 which helps the students and faculty for paper publications and projects training.



An MOU was signed with Kovai Tractors, Chennai on 28-12-2018, which facilitates Internships for students.

GUEST LECTURES:



A Guest lecture On "Exhaust gas sampling, Emission Measuring Instruments and Emission Standards" was Conducted for II, III, IV Year Students by Dr.P.Senthil Kumar, Asst.Professor, Mit Campus, Anna University, Chennai.



Organised a Guest lecture on "Electric propulsion Vehicles" for II, III, IV Year Students by Mr. Kiran Raj Goli, Managing Director, Ongole.

FACULTY ACHIEVEMENTS:



- Mr. K.V.Narasaiah and Mr. V.Sivaprasad attended a bridge course organized by ICT Academy in Visakhapatnam from 25-10-2018 to 26-10-2018.
- Mr. K.V.Narasaiah attended National level Workshop on "Industrial Robotics-Yaskawa Motoman" at St.Joseph'S Institute of Technology, Chennai from 09-11-2018 to 10-11-2018.
- T.S.Krishna Kumar attended a National level Workshop on "Industrial Robotics-Yaskawa Motoman" at St.Joseph's Institute of Technology, Chennai from 09-11-2018 to 10-11-2018.
- Mr. T.S.Krishna kuamr, Mrs. P.Ruth priyanka and Mr. S.Ravi published a paper on "Behavior of Natural Fiber-Polymer Composites using Compression Molding Process" in International Journal of Engineering Research & Technology Volume-7 Issue12, December - 2018.
- Mr. T.S.Krishna Kumar published paper on "Design, Analysis with Modification of Tractor Engine Muffler" in International Journal For Research & Development in Technology For Volume-11, Issue-4, April-2019.

STUDENTS' ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	II	17KQ5A2408	Mr.SAI CHARAN KUAMR	7.2
2	II	17KQ1A2436	Mr.M.SRIKAR	6.9
3	III	16KQ1A2401	Ms.G.SUPRIYA	7.4
4	IV	15KQ1A2401	Mr.B.SIVAKRISHNA	72.5%
5	IV	15KQ1A2428	Mr.P.KRISHNA GOPI REDDY	70.4%



Mr. D.SATYAM



Mr. KUNISETTY DINESH

CONGRATULATIONS TO THE UNIVERSITY GOLD MEDALISTS

- Mr. D.Satyam got University "Gold medal" in Academics with percentage of 82.5%.
- Mr. K.Dinesh got "University Gold medal" in Academics with percentage of 76%.



Mr. U.Venkata Sai Krishna from II Year got second prize in Elocution Competition conducted by State Bank of India on 27-11-18.



Mr. D.Rahul, Mr.T.Salvenkatesh, Mr. K.Ramanaiah, Mr. S.Surendra and Mr.SK.Akhil attended an internship Programme at Kovai Tractors in Chennai from 02.01.2019 to 22.01.2019.



- Mr. Y.Venaktesh attended a Workshop on "Global Competitiveness" organised by the State Council of Education, Andhra Pradesh in Ongole.
- Five students published papers on "Design, Analysis with Modification of Tractor Engine Muffler" in International Journal for Research & Development in Technology for Volume-11, Issue-4, April-2019.



Mr.Srikar and Mr. Raj Kumar got First Prize in paper presentation at StAnns Engineering College, Chirala.

INDUSTRIAL VISITS:



The IV year students visited Synergies Casting Ltd. in Visakhapatnam on 1-1-2019.



The IV year students visited Kusalava International limited in Vijayawada on 23-1-2019.



The III year students visited NTC logistics in Chennai on 28-8-2018.



The department conducted Alumni meet PACER-2K19 on 22-12-18.

H&S DEPARTMENT OF HUMANITIES AND SCIENCES

The Department of Humanities and Science is pivotal for Engineering. The department is driven by Prof. Ch. Krishna Kishore Reddy, M.Sc, Ph.D, is an eminent personality, has 16 year of Teaching Experience. The Department mainly comprises four disciplines namely, English, Mathematics, Physics and Chemistry. The department is equipped with highly qualified and richly experienced faculty who can drive the students to the world of competitiveness with their profound knowledge in the field of Humanities and sciences. The prime focus of H&S Department is to provide a conceptual base in Basic Sciences which form a foundation to the Engineering subjects. "Where, There is No English, There is No Job" taking this concept into consideration, the department focuses more on developing Communication Skills of the students by conducting various activities in well equipped ELCS Lab and making them strong in English language with which the students can fly all over the world. The department has well equipped labs through which the students can learn the practical knowledge. The department encourages the students to participate in Paper Presentations, seminars, workshops and conferences for the external exposure.



FROM THE HOD's DESK:

It is very hard but necessary to create an overall sense of teamwork in any organization. Fostering teamwork is creating a work culture that values collaboration. In the short journey of Eleven years, the institution has provided the correct platform on which many technical excellences of all times, nurtured the students' future. Besides, the institution is also apprehensive about students who will achieve more in life, if they know the basic life skills. What is important is that the students learn the life skills which will help them to handle challenges with ease in their professional and personal lives. PACE ITS provides all that and more.

Dr. Ch. Krishna Kishore Reddy
Professor & HOD

FACULTY ACHIEVEMENTS:



Dr. M. Mallikarjuna Rao, Asst. Prof., Presented a paper on "The Role of Rural Women in Livestock Management and Dairy Production" in Acharya Nagarjuna University, Department Of Sociology, Guntur.



Dr. M. Mallikarjuna Rao, Asst. Prof., presented a paper on "Water Management in Rural Villages" in IIT KHARAGPUR.



Mr. K. Arjuna Rao, Asst. Prof., presented a paper on "Interdisciplinary studies of Culture and Literature" in International Conference at Andhra University.

BOOKS PUBLISHED:

Mr. Veeranjanyulu Nayak, Asst. Professor, published a book with ISBN:978-93-5361-282-5 on English grammar titled "Naik's Easy English Grammar for all Competitive Exams and Communication Skills".

INTERNATIONAL CONFERENCE:

1. Dr. Ch. Krishna Kishore Reddy, Assoc. Prof., published a paper on "Improved Photo catalytic activity and Novel h-BN TiO₂ Physics and Chemistry of Functional materials" on 21-22 Feb 2019 at GITAM University.
2. Dr. Ch. Krishna Kishore Reddy, Asst.Prof., published a paper on "Structural and electrochemical properties of Vanadium doped Sodium Nickel Phosphate Glass and Glass ceramics, Physics and Chemistry of Functional materials" on 21-22 Feb 2019 at GITAM University.
3. B.Ranjith, Assoc.Prof., gave a Poster presentation on "Advancements in Polymeric Materials (APM 2019)", 10th International Conference CSIR – CIPET at Guindy in Chennai on 22nd & 24th January 2019.
4. B.Ranjith, Assoc.Prof., gave a Poster presentation on Physics and Chemistry of Functional Materials" in National Conference held in GITAM University, Hyderabad on 21st & 22nd February 2019.

STUDENTS' ACHIEVEMENTS:



Ms. Rachana Reddy and Mr. Sk. Farooq of I CSE participated in "State Level Soft Skills Competition" held at JKC College in Guntur and got 4th Prize.



Academic Toppers:

S.No	Roll Number	Name of the Student	Percentage/Grade
1	18KQ1A0491	Ms.Ravilla Akhila	9.85
2	18KQ1A0511	Ms.Bommanaboina Sri Chandana	9.85
3	18KQ1A0528	Ms.Magathoti Divya Kumari	9.85
4	18KQ1A0530	Ms.Vaka Neelima	9.85
5	18KQ1A0564	Ms.Keerthi Gayatri	9.85
6	18KQ1A0568	Kotikalapudi kavya	9.80
7	18KQ1A0587	Pothula sai rakshitha	9.73
8	18KQ1A05G0	Shaik mohammed jubear	9.73
9	18KQ1A0472	Katta kavya	9.73
10	18KQ1A0455	Mannepalli manasa	9.71
11	18KQ1A0342	Yanamala sreehari	9.71
12	18KQ1A0212	Pallapolu krishna sree	9.71
13	18KQ1A2419	Nooli balakrishna	9.71
14	18KQ1A0531	Vaka vani	9.71
15	18KQ1A04C5	Masabhaktuni lakshmi pravallika	9.61

MBA DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

The Department of MBA is led by Mrs. T. Mary Jones, Associate Professor & HOD, a person with strong will power and has 15 years of wide-ranging experience in Teaching. She has completed MBA and presently pursuing Ph.D from Sri Venkateswara University, Tirupathi. The department has highly qualified faculty with vast academic and industry experience who can train the students not only to acquire knowledge but also to apply the knowledge. The students are groomed as innovative managers who can explore the unexplored areas in the fields of business, commerce and trade with an ability to take calculated risks and emerge as successful leaders in this competitive corporate world. The department has 180 seats with specialization in Finance, Marketing, HR & LSCM. The department facilitates training, industrial visits and internship Programmes for the students to improve their employability skills to get good placement in corporate companies. The department has MOU's with good number of MNC's.

At PACE, the students of MBA are trained to acquire the managerial skills, entrepreneurial skills, leadership qualities and leading-edge ability to progress from a competitive mindset to a compatibility mindset.



FROM THE HOD'S DESK:

I feel that it is a great pleasure for me in conveying my best wishes to all of you. It is a matter of great pride that the MBA department has made consistent progress year by year in academic and co-curricular activities. I am grateful to our Chairman Sri. M. Venugopal, Secretary & Correspondent, Sri. M. Sridhar and Principal Dr. M. Sreenivasan for their constant encouragement to hone the skills of the students. I thank all the faculty members for their support.

T. Mary Jones
Assoc. Professor & HOD

DEPARTMENT ACHIEVEMENTS:



Organized a Faculty Development Programme on "Art of Research Writing" by Prof. K. V. Achalapathi.



Inauguration of Student chapter of HYDERABAD MANAGEMENT ASSOCIATION.



Organised "SAMEEKSHA-An Employability Skills Assessment Test" in association with Yogi Vemana University.

- Organized a Student Development Programme on "Enriching Employability Skills in Management Graduates" by Mr. S.V. Krishna Prasad, CEO – CITO Health Pvt. Ltd.
- Organised a Guest Lecture on "Career as Company Secretary" by Mr. Challa Anjaneyulu, Vice Chairman of the ICSI-Amaravati Chapter.

WORKSHOPS:

- Mr. K. Mahesh has attended a National Workshop on DATA ANALYSIS using SPSS organized by Centre for advanced research and Training (CART) from 25th to 27th October 2018.

CONFERENCES:

- Mrs. T. Mary Jones, Ms. D. Pushpa, Mr. K. Mahesh and Ms. T. Sravanthi participated and presented papers on "Global Business Management Practices: Emerging Trend and Challenges" in International Conference on 27th and 28th July 2018 organized by the department of Business Administration, Pondicherry University.

FACULTY ACHIEVEMENTS:

PUBLICATIONS:

- Mr. K. Mahesh and Ms.D. Pushpa Sri published an article entitled "A Theoretical Perspective of The Importance Of Strategic Human Resource Management In The 21st Century" in Scopus Indexed Journal.
- Dr. V. Venkateswara Rao and Ms.D. Pushpa Sri published an article entitled "The Role of Entrepreneurship Education in Nurturing the Potential Entrepreneurs to Fuel the Economic Growth Engine- A Study" in Scopus Indexed Journal.
- Ms. D. Pushpa Sri and Mr. K. Mahesh Published an article entitled "The Impact of Human Resource Practices on Employee Retention at Work Place- A Theoretical Perspective" in international journal IJAHMS.
- Mrs. T. Mary Jones published an article entitled "A Study On Derivates as Risk Management Tools For Business Corporates" in International Journal of Advance Research, Ideas and Innovations in Technology.
- Mr. K.Mahesh has attended a Two Day National level FDP on "Research Methodology & Data Analysis Using Statistical Package for Social Science (SPSS) & Analysis of Moment Structures (AMOS)" on 25th and 26th August 2018.

SEMINARS:

- Dr.V.Venkateswara Rao, Mr. D.Pushpa, Mrs. T. Mary Jones, Mrs. Ch. Hanuman Jyothi and Mr. Ch. Vijay Kumar presented papers in a two day national level seminar on "Human Dimension In Information Age" organized by the department of Commerce and Business Administration, ANU Ongole Campus, Ongole on 21st and 22nd February 2019.

AWARDS RECEIVED:



Mrs.T. Mary Jones, Assoc. Professor and HOD received "Research Ratna" Award in Finance by RULA Awards in 2019

AWARDS RECEIVED:

S.No	Faculty Name	Course Title
1	Mr.Dr. V. V. Rao	Completed a course on 'Logistics and supply chain management'
2	Mrs.T.Mary Jones	Completed a course on 'Stress Management' and secured ELITE certificate.
3	Mrs.T.Mary Jones	Completed a course on 'Working Capital Management' and secured ELITE certificate.
4	Mrs.D.Pushpa Sri	Completed a course on 'E-Business' and secured ELITE certificate.
5	Mrs.M.Revathi	Completed a course on 'Working Capital Management'
6	Mr.P.Bharath Kumar	Completed a course on 'Principles of HRM' and secured ELITE certificate.
7	Mr.P.Bharath Kumar	Completed a course on Human Resource Development and secured ELITE certificate.
8	Mr.K.Mahesh	Completed a course on 'E-Business' and secured ELITE certificate.
9	Mr.K.Mahesh	Completed a course on 'Introduction to Research' and secured ELITE certificate.
10	Mr.K.Mahesh	Completed a course on 'Leadership' and secured ELITE certificate.
11	Mr.K.Mahesh	Completed a course on 'Stress Management' and secured ELITE certificate.

STUDENTS' ACHIEVEMENTS:

Academic Toppers:

S.No	Year	Roll Number	Name of the Student	Percentage/Grade
1	I	18KQ1E0038	Ms.P.Sudha Rani	9.43
2	I	18KQ1E0057	Mr.V.Navya Reddy	9.43
3	I	18KQ1E0010	Ms.G.Srujana Bhargavi	9.35
4	II	17KQ1E0007	Ms.B.Pavani	83.07
5	II	17KQ1E0068	Ms.P.V.Lakshmi Sowjanya	82.36

CURRICULAR AND CO-CURRICULAR ACTIVITIES:

- N. Devi Sahithi, B. Subhashini, A. Lakshmi got 1st Prize in Add Mad Show at Vaibhav 2k19 in St. Anns Institute of Science and Technology, Chirala.
- R. Suvama got 3rd prize in Paper Presentation in Narayana Engineering College, Nellore.
- V. Navya got 3rd prize in Paper Presentation at SRUJANA 2K19 in PACE Institute of Technology & Sciences, Ongole.



N. Devi Sahithi, V. Sowmya, S. Deepthi and A. Lakshmi got 2nd prize in ADZAP at Vedam 2k19 in PBRVITS, Kavali.



N. Devi Sahithi got 1st prize in Paper Presentation at Saankethika 2k19 in SSN Engineering College, Ongole.



Mr. Ram Prasath, M. Ashok Kumar, B. Geetha Govindu got 1st prize in Quiz Competition at Vedam 2k19, PBRVITS, Kavali.



V. Navya and Ram Prasath got 1st prize in paper presentation at Spark Club- 2018 in PACE.



V. Navya got 1st prize in Paper presentation in QIS College of Engineering, Ongole, 2019.



V. Navya got 2nd prize in Young Manager at Vaibhav 2k19 in St. Anns Institute of Science and Technology, Chirala.



• R. Suvam got 1st prize in Employability Skill Assessment Test in Sameeksha, PACE Institute of Technology & Sciences on 6th March 2019.

• V. Navya got 2nd prize in Employability Skill Assessment Test in Sameeksha, PACE Institute of Technology & Sciences on 6th March 2019.

PUBLICATIONS:



1. Ram Prasath presented a paper on "INDIAN STOCK MARKET" in KL University, Vijayawada on 10th November 2018.
2. Pavani, student presented a paper on "Financial Frauds in Indian Banking System: A Case Study Analysis in KL University, Vijayawada on 10th November 2018.

INTERSHIPS:



B. Pavani and S. Spoorthy completed their Internship in Virtusa company, Hyderabad from 27th January 2019 to 26th April 2019.

INDUSTRIAL VISITS:



Organized an Industrial visit to "Jocil Ltd", Dokiparru, Medikondur Mandal, Guntur.



Our students visited "Coco-Cola Bottling Plant" at Athmakur, Guntur.



SRINIVASA EDUCATIONAL SOCIETY'S

PACE

INSTITUTE OF TECHNOLOGY & SCIENCES

Approved by AICTE, NEW DELHI & Govt. of Andhra Pradesh, Affiliated to JNTUK, Kakinada
Recognized under section 2(f) & 12(B) of the UGC Act, 1956

AUTONOMOUS ENGINEERING COLLEGE

Courses Offered

B. Tech

- CIVIL
- CSE
- EEE
- IT
- MECH
- CSIT
- ECE
- AME

M. Tech

- CIVIL
- MECH
- EEE
- ECE
- CSE

MBA

- HR
- FINANCE
- MARKETING
- LSCM

POLYTECHNIC

- CIVIL
- EEE
- MECH
- ECE

NH-#16, Near Valluramma Temple, ONGOLE - 523 272, A.P., INDIA | Ph.: 08592 278315, 9581456310 | www.pace.ac.in