#### **PACE at a Glance:**

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 14 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 1000+ students. The college offers B. Tech Degree in ECE, CSE, CSE (IoT and Cyber Security), CSIT, AI & ML, AI & DS, 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-theart 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.

## 14th Annual Day Celebrations

At its calm, lush-green campus, **PACE Institute of Technology & Sciences**Celebrated its **14**<sup>th</sup> **Annual Day** on May 21, 2022in an honourable manner with all of PACE family in attendance.



On this occasion Dr. Venugopal Maddisetty, the chairman of PACE Institute of Technology & Sciences praised the teaching and non-teaching staff for the relentless and meticulous efforts in delivering high-quality instruction and planning every activity conjunction with teaching-learning to successfully advance the students toward their career goals during the academic year 2021-22

Earlier, Dr. Venugopal Maddisetty had earlier wished for all the students to reach greatness on a worldwide scale with all of their grit in order to realise their parents' aspirations. He extended his sincere gratitude to all the parents for continuing to place their trust in this institution. He further underlined that every decision made at this institution is made with the benefit of the student in mind. No matter how costly or challenging its execution may be.

## Message from the Chairman:



CHAIRMAN

Dr.M.Venu Gopal Rao

B.E., MBA., D. M. M., D.Litt
MLA. DARSI

We are in the twenty-first century, an era of cutting-edge Science and Technology. In the near future, India will join the group of "Developed Nations" as it continues to develop economically and technologically. Without the reliable assistance of technical people resources, growth is not conceivable. By offering the best education, technical expertise, personality traits, and leadership abilities to develop as a manager and technocrat, PACE aims to foster an individual's total personality development. In order to attain excellence in technical education and a sense of dedication to meet the national goals, the PACE's mission is to create effective synchronization among academicians, professionals, technocrats, and students. I wish you all the best

## Message from the Secretary



SECRETARY & CORRESPONDENT

Dr.M.Sridhar

The goal of PACE Engineering College is to foster academic success by offering young people a supportive atmosphere for the overall development of their personalities. Over the course of more than ten years, the college has achieved numerous milestones while embracing the most recent methods of technological research and application, like; "The Most Trusted Engineering Institute of the Year" award in the autonomous engineering institution category at the Iconic Indian Awards-2022, at 9<sup>th</sup> Asia Education Summit 2022, It has become one of the top autonomous engineering colleges in India in this short period of time. The PACE Engineering College is working hard to develop young minds with a global perspective rooted in their Indian heritage.

Our dynamic climate and ideal academic environment inspire management, faculty, and students to do their very best efforts. Our core faculty is exceptionally capable and devoted. In addition to providing great instruction, the professors are also actively involved in moulding the minds of the young engineers

We strongly advise students to make use of our excellent teaching and learning resources. Our goal is to produce a group of qualified, creative, and dynamic individuals for the engineering industry, for independent contractors, and for academic and research organizations with significant socioeconomic impact.

#### The Most Trusted Engineering Institute of the Year 2022





It's an honour and a privilege to share that our "PACE Institute of Technology & Sciences got "The Most Trusted Engineering Institute of the Year" award in the autonomous engineering institution category at the "ICONIC INDIAN AWARDS-2022, Asia Education Summit 2022 held at New Delhi on May 21, 2022 under the leadership of Mr. Shyamalan Jaju, Ex-National Vice-President of BJP, a former native vice – president of the BJP

## **Srujana 2K22 Technical Fest in PACE**

Srujan – 2K22 was conducted by both ECE and EEE departments of PACE Institute of Technology & Sciences on May 20,2022 with an aim of bringing students together with innovative ideas and recent updates in various fields of Engineering & Technology on a single platform. Nearly 1000 students participated in this event. It explores their inherent skills capabilities of the future technocrats through the following events:

- Poster Making
- Paper Presentation
- Project Expo
- JAM Just a Minute
- Technical Quiz









## 14 Anniversary Celebrations - Opening Ceremony





## **A few Hilarious Moments**





## Closing



## **Training & Placements Cell**

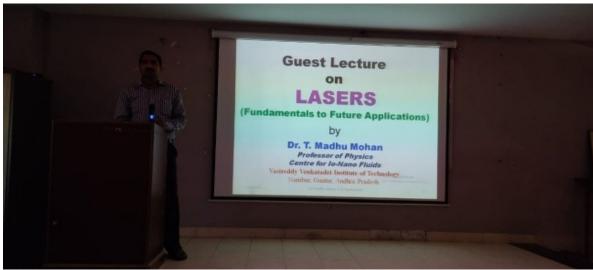




As one of the significant milestones in PACE, May 7, 2022 has been designated since "Achievers Day" as 751 students from all branches of PACE were hired by 33 multinational corporations, earning salaries ranging from 3.5 LPAto 11.77 LPA.https://youtu.be/XRPv5JqJxLA

## **Department of H&S**

On May 30, 2022 H&S hosted a guest lecture by Dr. T. Madhu Mohan, a Physics professor from VVIT, on "Lasers-Fundamentals to Future Applications"





PUS DRONE | MAY 2022 | Page | 9

In QIS Engineering College Fest, the PACE volleyball team got a second place.

## **HEALTH**

A health check - up programme was held on our campus by Nalluri Nursing Home, Ongole's Drs N. Rangarao (general medicine & diabetic), G. Srinivas (Cardio), L.V.S Reddy MS (Ortho) and Dr. Sushmita (Gynaecologist).







At a National Level students meet held at QIS college, T. Siva Sri Manikanta, an MBA student from PACE, took home the top honour for his paper presentation

## NCC:



PACE NCC cadets took part in the firing competition practice at KL University on May 16, 2022.



On May 23, 2022 the commander of the NCC Guntur Group, Col. Jaya Kumar visited 34(A) Battalion Ongole. In exchange, the commander received a guard of honour from the Cadets of the PACE Institute of Technology & Sciences.

## Department of Electrical& Electronics Engineering

**Department of Achievements** 

**Awareness Program on** 

## **Energy Swaraj Yatra**



A one day awareness program on "Energy Swaraj Yatra & Solar Man of India" was held for EEE Students on May 14 2022, 250 students attended the event, which was addrressed by Prof. Chetan Singh Solanki a Professor at IIT Bombay and founder of the Energy Swaraj Foundation. He is also known as the "Solar Man of India" or "Solar Gandhi" and he is the Brand Ambassador of Solar Energy for Madhya Pradesh.



#### **PATENTS**

The Government of India awarded Dr.G.V.K.MurthyProfessor & Vice-Principal, SowjanKumarKotte, Assistant Professor, and Raghunadh Narayanam, Assistant Professor, a Patent for "Temperature Sensor To Reduce The Spread Of COVID-19 on May 13



For their work on "Smart Street Light Operation Of The Obect Motion Detection Using Passive Infrared (PIR) And Light Dependent Resistor (LDR) Dr. G.V.K. Murthy Professor & vice-Principal, D. Prasad, Associate professor, K. V. Narayana, Assistant Professor, B. Nagaraju, Assistant Professor, and Raghunadh Narayanam Assistant Professor recieved a Patent from the Government of India on May 13, 2022



The Government of India awarded The Final Year students of EEE D. Staley Abhiskek, P. Gowthwm Prince, K. Vasanth Kumar, M. Sriram Abhishek, T. Vamsi, Raghunadh Narayanam and Ch. Bhanu Praksah, a Patent for "Temperature Sensor To Reduce The Spread Of COVID-19 on May 13

## Department of Electronics and Communication Engineering

#### **Department of Achievements**

Department of Electronics and Communication Engineering arranged SRUJANA-2K22 on May 20, 2022. The following events took place:

- Paper Presentation
- Poster presentation
- Project Expo
- JAM and Technical Quiz

#### **Faculty Achievements:**

Mr. K. Suresh Babu, Assistant Professor received the Best Faculty Award during the academic year 2021-2022 on the Occasion Of Annual Day celebrations in PACE Institution of Technology and Sciences.

#### **Webinars Attended:**

Ms. Kadiyam Sravani, Assistant professor, Mrs. N. Vaishnavi, Associate Professor, Mrs. T. Anusha, Assistant professor, Dr. D. Anil Kumar, Assistant professor, Mr. Ravinutala Koteswara Rao, Assistant professor attended a one day National Level webinar on Scientific Research Methodology organized by Internal Quality Assurance Cell (IQAC) of PACE Institute of Technology and Sciences (Autonomous), Ongole on May 11, 2022.

#### **Students' Achievements:**

Our ECE students SK. Mehaboob Subhani (19KQ5A0416), M. Riya (20KQ1A04D5), M. Jaya Sri (20KQ1A04D6) won the First Prize and P. Sushma (20KQ1A0482), U. Suguna Sri (20KQ1A0424), won the Third Prize in Technical **Quiz competition**.

ECE students G. Asha Jyothi (19KQ1A0470), won the First Prize and J. Sai Ram (19KQ1A0470) won the Second Prize in **JAM competition** 

ECE students D. Kartheek Viswateja and G. Pavanhimam, D. Manoj - 19KQ1A04A4 won the First Prize in **Project Expo competition** 

ECE students N. Bhaskar, M. Anusha - 19KQ1A0419 won the Second Prize in **Paper Presentation** competition

ECE students M. Anusha - 19KQ1A0419, B. Sushma- 20KQ5A0406 won Second Prize and B. Hema-20KQ1A0465and T. Manohar (18KQ1A04H0) won the Third Prize in **Poster Presentation competition** 

## Department of Mechanical Engineering

#### **Department of Achievements**

#### **A Guest Lecture**



On May 24, 2022 Dr. M. Jagannatham, Manager in R&D Division at Wheels India Ltd., gave a guest lecture for second and third years students of Mechanical Engineering Department on "Light-Weight materials for automotive and aerospace applications: challenges and opportunities" 105 students attended.



## **Department of Achievements**

The Best Faculty of the Year Award for Academic Year 2020-21 was given to Assistant Professor Y. Srinivasa Reddy on May 27, 2022



#### **Students' Achievements**

Mechanical Engineering student B. Himavardhan participated in JAM and won the First prize and B.Srinivasa Reddy won the Third Prize in 11<sup>th</sup> National Level Stem Fest Srujana 2K22 on 20<sup>th</sup> May 2022.

Mechanical Engineering Cricket Team (11 Final Year Students) won the College Level Intramural Sports & Games Meet held at PACE Institute of Technology & Sciences in Prakasam District Ongole from 14-03-2022 to 31-03. -2022.

Mechanical Engineering students(12No) participated in different events like Paper Presentation, Project Expo, Poster Presentation, JAM organied by the Department of Mechanical Engineering, 11th National Level Stem Fest on 20th May 2022. Srujana 2K22.





# Department of Civil Engineering

## **Students' Achievements**

## **EXTRA CIRCULAR ACHIEVEMENTS**



## **POSTER PRESENTATIONS**



#### **PROJECT EXPO**





SRUJANA 2K22-11TH National Level STEM Fest Winners			
Name of EVENT	1 <sup>st</sup> Prize	2 <sup>nd</sup> Prize	3 <sup>rd</sup> Prize
Poster Presentation	III-B :N. Swathi, III-B : D. Sivaiah, III-B : T. Siva	II-C: P. Likitha, II-C:Ch. Hema Latha	II-B: K. Nadini, II-B: D. Anusha
Paper Presentation		IV-C: Y. Dileep	
JAM	III-C:Tarun Kumar	III-C: K. Naga Meenakshi	II-B: K. Soma Sekhar
Project Expo	II-A: D. Srilatha	III-B: D. Divya III-B: P. Vidya	
Technical quiz	II-C: K. Uday Kiran	II-A: Ch. Yaswanth, II-A: U. Praveen, II-C:B. Guru Bhargav	II-B:R. Mahalakshmi II-B: K. Somasekhar

#### **Co-Circular Achievements:**



In TENNI-COIT Intramural Sports & Games, Ch. Prasanna& G. Sumalatha from the second year of civil engineering took first prize.





In the cricket intramural sports & games, second and third year civil engineering students took first place.

In the Intramural sports & games volley ball competition, Civil Third year students took first place.



For third year civil engineering students today, the department of **Civil Engineering** planned an **Industrial Visit**. They travelled to Surareddy Palem Railway Station. It is highly beneficial to all students for gaining practical knowledge.





#### **Faculty Achievements:**



Prasad in materials today

Mr. G. Ganesh Naidu, HOD of Civil Department and Mr. M. Durga Vara Prasad, received certificates of appreciation for their devoted contribution to PACE Institute of technology and Sciences for a period of more than ten years

Mr. G. Ganesh Naidu, an Associate Professor participated in the Department of Mechanical Engineering's worldwide conference on "Sustainable Materials, Manufacturing and Renewable Kerala's Federal Institute of Science and Technologies" Technology, which took place from 25 to 27 May, 2022.

al Properties of Self-compacting Concrete Incorporated with Various Types of Plastic Waste Aggregates" was published by Mr. G. Ganesh Naidu and M. Sri Durga Vara

## Department of Computer Science Engineering

#### **Faculty Achievements**



Under the guidance of Professor Dr. A. Ananda Rao, Dr. Patan Hussain Basha, an associate professor from PACE ITS, completed his doctoral dissertation in **Steam Communication Networks** at Rayalaseema University, Kurnool

Mr. Shaik Jilani Basha, an Assistant Professor from the Department of CSE participated and got a certificate in National level webinar on **Scientific Research Methodology** conducted by Internal Quality Assurance Cell (IQAC) of PACE Institute of Technology and Sciences on 11 May, 2022

#### **Women Cell**

Violence Against Women and Girls (VAWG) or Gender-Based Violence (GBV) is a worldwide pandemic. Freedom from violence is a fundamental human right, and it damages a person's sense of self-worth, self-esteem and violates the fundamental human rights to be free from violence. It has an impact on both

physical and mental health and can result in self harm, social isolation, depression and suicidal attempts. On May 28, 2022 a program has been planned to raise awareness about the need to eradicate violence women and girls. Educationist and Public Speaker Mr. P. Prasanna spoke to the group.



Awareness and Motivational Talk on **"Ending Gender Based Violence"** On May 28, 2022 Poster Presentation by students













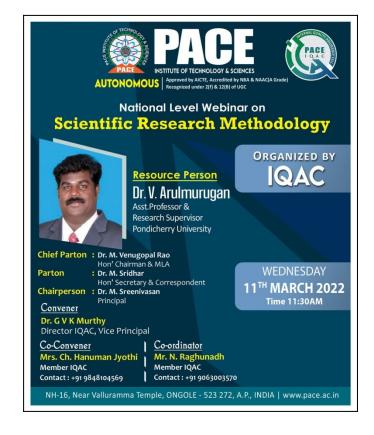




# Internal Quality Assurance Cell (IQAC)

**Dr. V. Arul Murugan,** an Asst. Professor & research Supervisor Pondicherry University spoke at **The Internal Quality Assurance Cell (IQAC)** has planned to organize a One Day National Level Webinar on **'Scientific Research Methodology'** on May 11, 2022





# Training and Placement (T&P)

The goal of T&P is to support students in developing the virtues of honesty, assiduity, and integrity while assisting them in developing a successful future profession, wherever they want to work. The selection of 751 students who were placed in various software companies was part of it, and "Achievers Day" a memorable event, was held on May 7, 2022 in connection with it. (<a href="https://youtu.be/XtaLajnPOoU">https://youtu.be/XtaLajnPOoU</a>)

#### **Soft Skills:**



**PRINCIPAL** 

**Dr. M. Sreenivasan** *M.S., Ph.D* 

PACE CAMPUS DRONE | MAY 2022 | Page | 26

#### THANK YOU

### **Honorary Advisors**

Dr. M. Sreenivasan, Principal
Dr. G. V. K. Murthy, Director, IQAC

#### Chief Editor

## **Honorary Advisors**

Mr. Ch.Ratna Raju Asst.Professr & Softskills Trainer Dept. of Training and Placement

#### THANK YOU

**Honorary Advisors** 

Dr. G. V. K. Murthy, Principal

PACE CAMPUS DRONE | MAY 2022 | Page | 27 Honorary Advisors

Mr. Ch.Ratna Raju

Asst.Professr & Softskills Trainer
Dept. of Training and Placement