



PACE

INSTITUTE OF TECHNOLOGY & SCIENCES

AUTONOMOUS

Approved by AICTE and Govt. of A.P, Accredited by **NAAC(A Grade)**
Recognized under 2(f) & 12(B) of UGC, Permanently Affiliated to JNTUK
An ISO 9001:2015, ISO 14001:2015 and ISO 50001:2018 Certified Institution

PACE

Chronicle

F E B R U A R Y 2 0 2 4

FEBRUARY NEWSLETTER

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 Institute of Technology and Sciences 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 Dr. Maddisetty Venugopal Rao, Chairman and Dr. Maddisetty Sridhar, Secretary and 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, Electronics Engineering (VLSI Design and Technology) and Civil. The college also offers courses 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.



A PRESTIGIOUS AWARD FOR PACE

Asia designated the PACE Institute of Technology and Sciences as the continent's **“Highly Promising Engineering College with Immense Potential”** at the **Asia Leaders Conclave 2024 in Singapore**. Mr. Kalyan Maddisetty received the renowned award on behalf of the PACE Institute of Technology and Sciences. Ms. Kiran Bedi, a former tennis player who became the first woman in [India](#) to join the officer ranks of the [Indian Police Service \(IPS\)](#) in 1972, presented the prize during the Asia Business Conclave 2024 in Singapore. Mr. Maddisetty Sridhar, College Secretary and Correspondent, College Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, Dean Training and Placements Ms. K. Rupa Akkesh, Administrative Officer Mr. M. Ramana Babu, and heads of all the departments, faculty, and non-teaching staff congratulated Mr. Kalyan Maddisetty wholeheartedly.



ASIA LEADERS CONCLAVE 2024 SINGAPORE



Mr. Maddisetty Kalyan receives Asia Leaders Excellence Award 2024





MASTER OF BUSINESS ADMINISTRATION

- Professor Dr. T. Mary Jones, Assistant Professors Ms. D. Pushpa Sri and Ms. S. Pooja Sree, attended the "One Week Online National Level Faculty Development Program on **Teaching Strategies: A Pedagogy** held from February 16–22, 2024, organized by the SRM Institute of Science and Technology, Ramapuram.
- Dr. Elia Thagaram, Associate Professor, attended the "UGC-sponsored two-day national seminar on **Information and Communication Technology (ICT) for Sustainable Heritage Tourism Development**" organized by the Department of Tourism and Hospitality Management at Acharya Nagarjuna University on February 23 and 24, 2024.
- Mr. Janaki Ram, Assistant Professor, has presented a paper titled "**Financial Innovation in Carbon Markets: Exploring Opportunities and Challenges**" in the International Conference on "**Building Competitiveness through Technology-Enabled Business, Management, and Leadership**," organized by the American School of Business Administration on February 9 and 10, 2024.

MERIT SCHOLARSHIP



Ms. Gayathri Jyothirmai, student ID 23KQ1A0506, a first-year B.Tech student at PACE Institute of Technology and Sciences (PACE ITS) Ongole, has achieved the prestigious **Zafin Aspire & Achieve Scholarship**, valued at 5000 USD. She stands among the top five recipients globally for this esteemed scholarship program. The noteworthy achievement of Ms. Gayathri Jyothirmai was celebrated and applauded by prominent figures within the college community, including Dr. Maddisetty Sridhar, the College Secretary and Correspondent, Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, Dean of Training and Placements Ms. K. Roopa Akkesh, and Mr. M. Ravindra, Head of

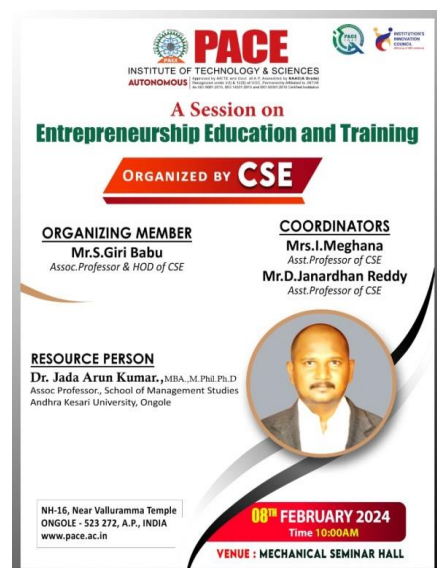
the Department of Humanities and Sciences.

ONGC SCHOLARSHIPS

- Three students from PACE Institute of Technology and Sciences have been selected for the merit scholarship in the first list of ONGC. The recipients are Puli Ananda Kumari from the AIDS program, Gandhi Meghana Joshi from the CSE program, and Pathi Jayalakshmi also from the AIDS program.

COMPUTER SCIENCE ENGINEERING

The department of Computer Science Engineering conducted an awareness session on **Entrepreneurship Education and Training** on February 8, 2024. Dr. Jada Arun Kumar, an associate Professor from School of Management Studies Andhra Kesari University Ongole was the resource person who addressed the students. Mr. S. Giri Babu organized the event and it was coordinated by Ms. I. Meghana and Mr. D. Janardhan Reddy. The event saw the participation of key figures such as College Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, R. Veeranjanyulu, Dr. M. Apparao, Dean of Students' Affairs Dr. R. Veeranjanyulu, and AO Mr. M. Ramana Babu, along with staff and students.





Speeches Presented by Eminent Dignitaries



Felicitations Extended to Dr. Arun Kumar by PACE Officials

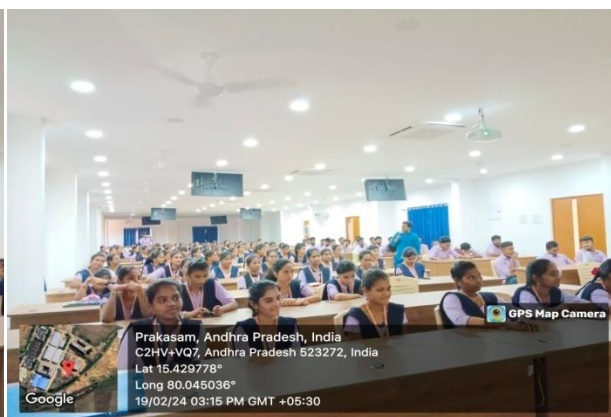
ALUMNI INTERACTION

Computer Science speakers highlighted the promising job prospects awaiting students who excel in both technology and English proficiency. On February 26, 2024, third-year Computer Science students at PACE Institute of Technology and Sciences received valuable insights on enhancing their computer skills and mastering the English language. Mr. Sheikh Sajid Basha, an esteemed alumnus of the college, shared valuable industry insights and practical knowledge gained from his successful career in

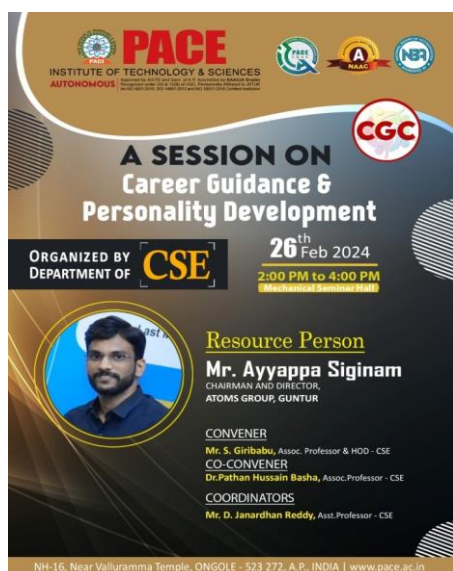
the field of software engineering. Notable attendees included College Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, Dean of Training and Placements Ms. K. Roopa Akkesh, Head of the CSE Department Dr. S. Giribabu, event coordinators Dr. Patan Hussain, Ms. Mounika, Mr. Janardhan Reddy, and other distinguished guests.



Mr. Sheikh Sajid Basha Addresses Students

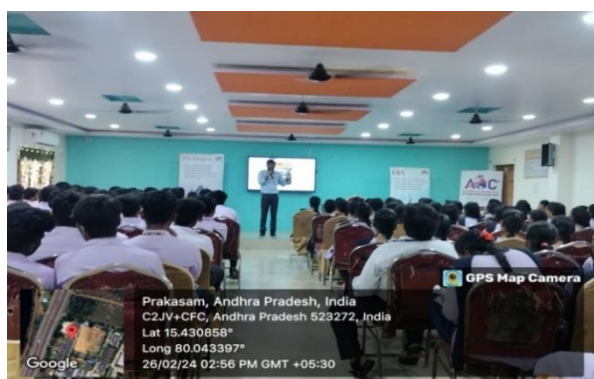


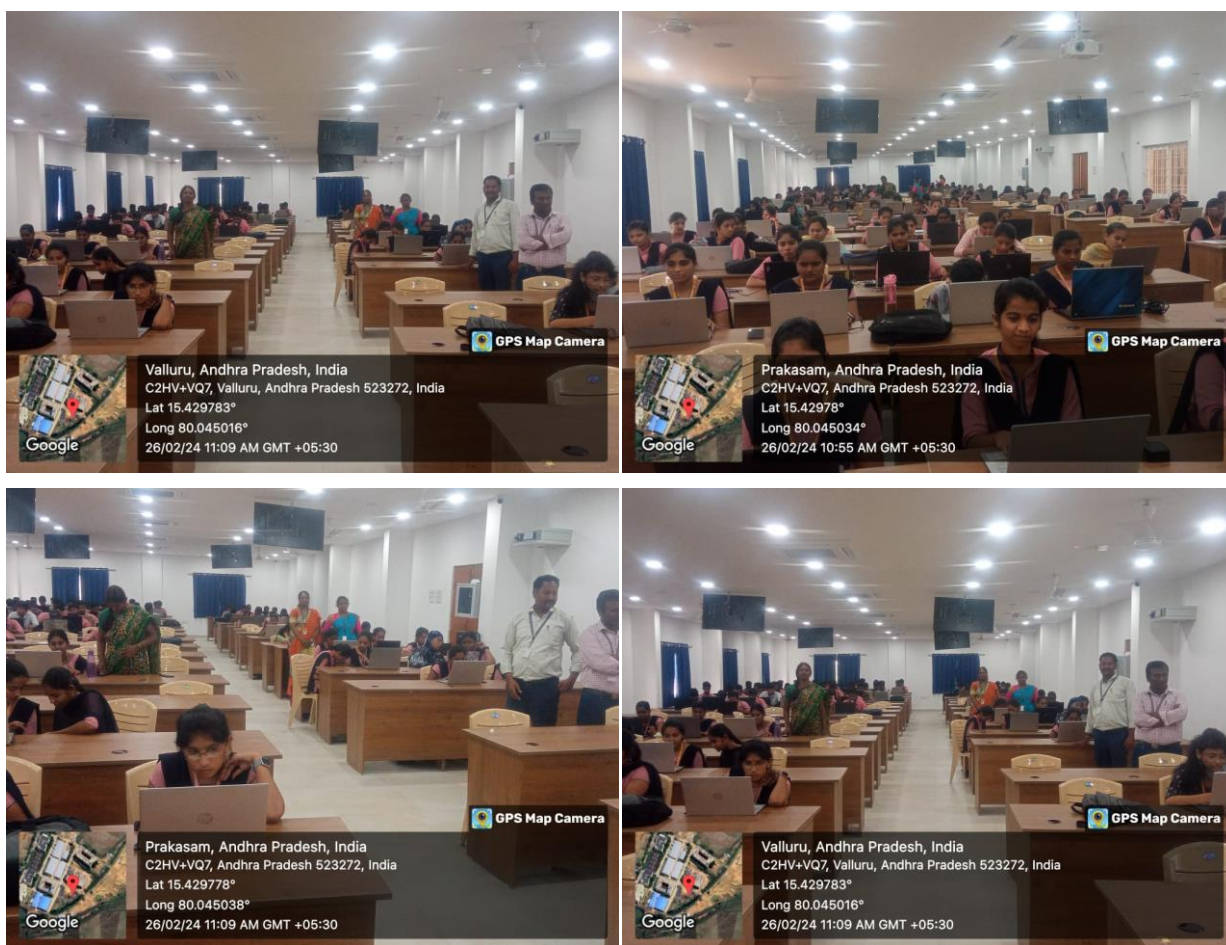
A Session on Career Guidance and Personality Development



On February 26, 2024, the Department of Computer Sciences Engineering held a session on "Career Guidance and Personality Development" for second and third year students. Mr. Ayyappa Siginam, Chairman and Director of Atoms Group, Guntur, discussed the importance of personality development and career guidance for both personal and professional growth. In order to match occupational interests with passions, career coaching entails reflection, investigation, and preparation. In order to make wise job decisions and lead satisfying lives, personality development entails improving relationships, communication, emotional intelligence, leadership, resilience, empathy, and resilience. Dr. S. Giribabu, Associate Professor and Head of the Department of Computer Sciences, called the meeting, which was organized by Mr. D. Janardhan Reddy and Dr. Pathan Hussain Basha.

Mr. Ayyappa's Mentoring Session with Students for Career Guidance





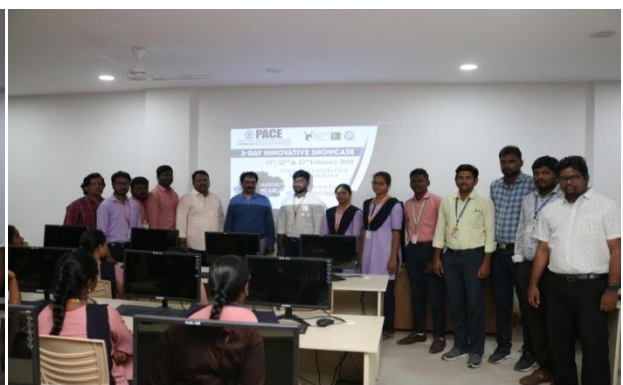
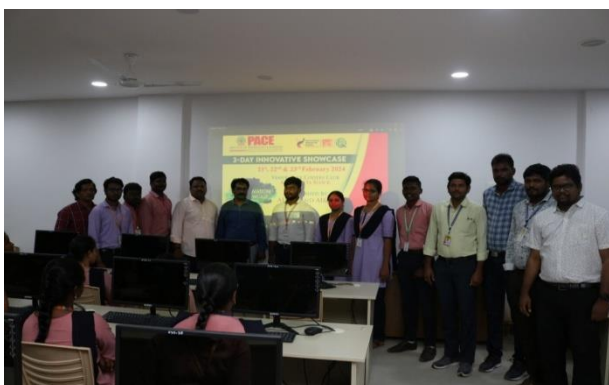
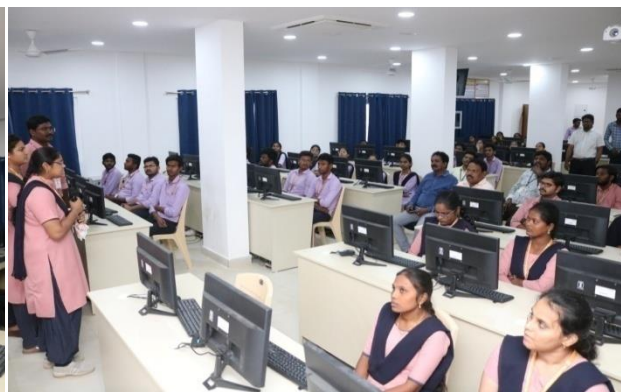
ARTIFICIAL INTELLIGENCE & DATA SCIENCE AND ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Awareness Session on Innovative Showcase

Departments of AIML and AIDS from PACE Institute of Technology and Sciences organized a **'Three Day Innovative Showcase'** awareness program from February 21 to 23, 2024. With participation from the Society for Data Science, the conference was arranged under the Institutions Innovation Council's umbrella. The event, organized under the Institutions Innovation Council, featured the Society for Data Science and was attended by faculty, students, and leaders of AIML and AIDS departments. As the chief guest of the occasion, Secretary and Correspondent Dr. Maddisetty Sridhar stated that these types of conferences are highly beneficial for students learning about the latest advancements in software technology. Dr. GVK Murthy, the college principal, stated that this conference will assist the students in landing jobs through campus placements. Participants in this program included faculty, students, and leaders of AIML and AIDS departments. Dr. Y. Ravi Kumar (AIDS) and Dr. U. U. Veerendra (AIML), the department heads, oversaw it with their staff.



Insights on Data Science by Dr. Maddisetty Sridhar



AWARENESS SESSION



AIML and AIDS from the PACE Institute of Technology and Sciences jointly organized the **"Society for Data Science—Student Chapter"** Awareness Conference at PACE on February 14, 2024. Data science has a lot of potential in the present software industry, and students are becoming more interested in applying to study it, according to Secretary and Correspondent Dr. Maddisetty Sridhar. The chief guest

for this session was Mr. Rangachari Achutharaman renowned software specialist from Chennai. He gave the pupils an explanation of the key concepts in cloud computing and data science. The principal of the college, Dr. GVK Murthy, Dean of Training and Placements, Ms. K. Roopa Akkesh, heads of the AIDS and AIML departments, staff, and students were the participants.



Lighting the Lamp to Invite the Divine Presence



Presentations by esteemed dignitaries



PACE Officials Honor Mr. Rangachari Achutharaman with Felicitations



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14
FEB-2024

Welcome



RANGACAHARI ACHUTHARAMAN
Business Leader-Enterprise Servers/Computer
Architecture, Cloud and AI/ML Platforms

**INAUGURAL OF
SOCIETY FOR DATA SCIENCE
STUDENT CHAPTER**

Venue : MECH Seminar Hall
Time : 10:30 AM

Organised By
**DEPARTMENTS OF AI&DS AND
AI&ML**

SOCIETY FOR DATA SCIENCE

Address : H 302, Laburnum Park, Magarpatta City,
Pune - 411036, Ph.: +91-9923602490
E-mail : secretary@s4ds.org | nvsharma@rediffmail.com

Certificate of Chapter Formation

This serves to certify that

**Pace Institute of Technology and Sciences,
Andhra Pradesh**

has successfully established the
Society for Data Science Student Chapter

3 February 2024

Date

**Signature
of the
Secretary**

**MAINTAINED
AUTHENTIC**

FACULTY ACHIEVEMENTS



Assistant Professors Ms. Shaik Heena Kouser and Mr. D. Srinivasulu have successfully completed a 6-day AICTE ATAL faculty development program on Google - AIML, organized by EDUSKILLS and conducted by Spoorthy College of Engineering and Technology, Hyderabad, from February 19 to 24, 2024. Dr. Maddisetty Sridhar, the College Secretary and Correspondent,

along with Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, and Dean of Training and Placements Ms. K. Roopa Akkesh, extended their appreciation to the faculty for their valuable participation in this significant event.



Dr. Sridhar expresses appreciation to the faculty for their valuable participation in EduSkills.

HANDS-ON GENERATIVE AI WORKSHOP

On February 21, 2024, the Department of AI & ML and AI & DS at PACE ITS Ongole organized an online workshop titled "**Generative AI**" for third and final year B.Tech students. The workshop was conducted by NxtWave Technologies Private Limited from Hyderabad. Mr. Trivikrama, an AI expert, spearheaded the session, which aimed to introduce Generative AI concepts to participants. The workshop covered topics such as recognizing patterns in data, deep learning, analytical AI, AI chat-apps, and practical applications of generative AI. Hands-on tutorials were provided to facilitate learning and understanding of the subject matter.



Mr. Trivikrama shares insightful ideas on AI





IT / IOT

Faculty Achievements

- An online Faculty Skill Development Program on '**Outcome-Based Education**' was held at CVR College of Engineering from January 29, 2024 to February 2, 2024, conducted by the department of Electronics and Instrumentation Engineering. Mr. N Murali Krishna, Ms. K. Anuradha, and Ms. M. Chaitanya Bharathi from the CSE (IoT & CSBT) department attended the program.
- Assistant Professors Mr. N Murali Krishna, Ms. K. Anuradha, and Ms. M. Chaitanya Bharathi, attended a one-week online National-Level Faculty Development Programme on "**Teaching Strategies: A Pedagogy**," Organized by SRM Institute of Science and Technology, Chennai, from February 16–22, 2024.

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

Faculty Achievements

- Assistant Professors Mr. P. Lalith Subash, and Ms. V. Mounika attended a one-week online National-Level Faculty Development Programme on "**Teaching Strategies: A Pedagogy**," Organized by SRM Institute of Science and Technology, Chennai, from February 16–22, 2024.
- An online Faculty Skill Development Program on '**Outcome-Based Education**' was held at CVR College of Engineering from January 29, 2024 to February 2, 2024, conducted by the department of Electronics and Instrumentation Engineering. Ms. A. Ramya Sri from the CSIT department attended the program.

ELECTRONICS AND COMMUNICATION ENGINEERING

A Guest Lecture

A guest lecture on "Transmission Line Design for High Frequency Applications: Challenges and Solutions" was arranged by the Department of Electronics and Communication Engineering at the PACE Institute of Technology and Sciences on February 10, 2024. The lecture was well-coordinated by R. Kotewarao and was overseen by Dr. M. Apparao, the head of the ECE department and a professor and well organized by the members of ECE department. Over 160 students attended. Associate Professor Dr. K. Rajesh Babu of KL University spoke during the seminar, explaining the difficulties associated in designing transmission lines for high frequency applications and handling the session in a highway. He answered the

questions posed by the pupils as well. The college secretary and correspondent Dr. Maddisetty Sridhar, Principal, Dr. GVK Murthy, and Dean of students' Affairs Dr. R. Veeranjanyulu AO Mr. M. Ramana Babu, staff members and students participated actively in this session.

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ORGANISED BY
DEPARTMENT OF ECE

GUEST LECTURE ON
TRANSMISSION LINE DESIGN FOR HIGH FREQUENCY APPLICATIONS
'CHALLENGES AND SOLUTIONS'

ORGANIZING MEMBERS
Dr. M. APPARAO, Professor, Academic Dean-ECE
Dr.D.ANIL KUMAR, Asst.Professor, Dean-R&D
Dr. SK.SUBHANI, Asst.Professor-ECE
Dr. M. VENKATESWARA RAO, Asst.Professor-ECE
Dr. P.UDAY BHASKAR, Asst.Professor-ECE
Dr. G.ERNA, Asst.Professor-ECE

SATURDAY
10th FEB 2024
(10:00 AM TO 04:00 PM)

RESOURCE PERSON
Dr. K.Rajesh babu
Associate professor,
KL University,Guntur.

COORDINATOR
R.KOTESWARA RAO
+91 9502673974
koteswararao_rk@pace.ac.in



Dr. K. Rajesh Babu offers Profound Insights

LITERARY AND HOBBY CLUB

On February 15, 2024, 47 students participated in the "Quiz Competition" organized by the Department of Electronics and Communication Engineering's Literary and Hobby Club for ECE students. The winners were T. Surendra, Syed Muzame, Sk Sarthik, Sk Afzal, T. Manikanta, P. Swetha, Sk. Fouziya, Sk. Gulshan, M. Anusha, and Sk. Farhath from second year ECE . It was overseen by Ms. T. K. Kavitha, an assistant professor.



Faculty Achievements

- Assistant Professors Miss B. Alekya and Mr. T. Hari Babu, attended a one-week online National-Level Faculty Development Programme on **"Teaching Strategies: A Pedagogy,"** Organized by SRM Institute of Science and Technology, Chennai, from February 16–22, 2024.

A WORKSHOP ON 5G TECHNOLOGY

On February 17, 2024, third-year B.Tech students and faculty members participated in a guest lecture organized by the Department of Electronics and Communication Engineering at the PACE Institute of Technology and Sciences. Dr. Chandrasekhar Rao from Bapatla Engineering College led the workshop, providing insights into 5G technologies and also discussing the significance and benefits of 4G and 3G. He engaged with students, addressing their queries and illustrating how these technologies are applied in real-world scenarios. The college principal emphasized the importance of students being well-versed in 5G technology for the future. The event saw the participation of key figures such as College Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, R. Veeranjanyulu, Dr. M. Apparao, Dean of Students' Affairs Dr. R. Veeranjanyulu, and AO Mr. M. Ramana Babu, along with staff and students.

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**GUEST LECTURE ON
5G TECHNOLOGY**

ORGANIZED BY
DEPARTMENT OF **ECE**

Resource Person
Dr. J. Chandrasekhar Rao
Associate professor,
BAPATLA Engineering College, Bapatla

COORDINATOR
R. KOTESWARA RAO
Assoc. Professor-ECE
+91 9502673974
koteswararao_rk@pace.ac.in

ORGANIZING MEMBERS
Dr. M. APPARAO, Professor, Academic Dean-ECE
Dr. D. ANIL KUMAR, Asst. Professor, Dean-R&D
Dr. SK. SUBHANI, Asst. Professor-ECE
Dr. M. VENKATESWARA RAO, Asst. Professor-ECE
Dr. P. UDAY BHASKAR, Asst. Professor-ECE
Dr. G. ERNA, Asst. Professor-ECE

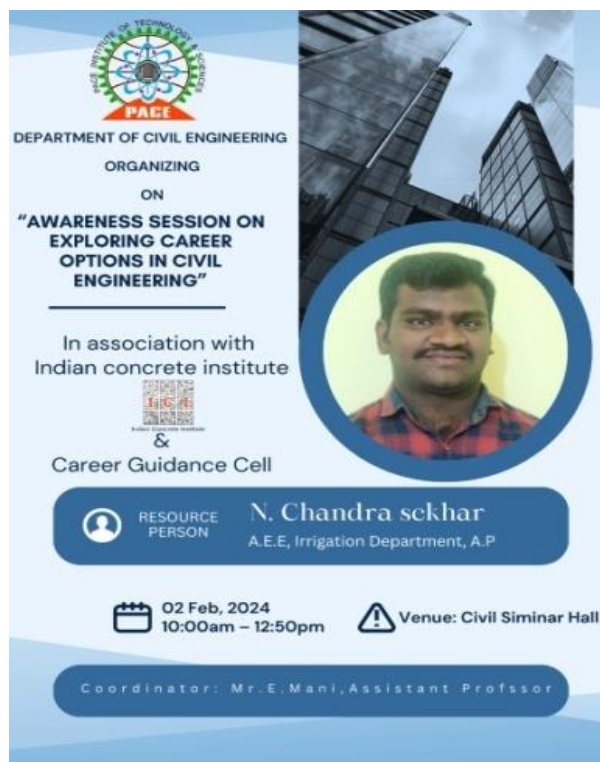
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Dr. Chandrasekhar Rao's Discourse on the Advancements in 5G Technology

CIVIL ENGINEERING

The department of civil engineering successfully organized an event on **"Awareness Session on Exploring Career Options in Civil Engineering"** on February 2, 2024." The event aimed to educate students about civil engineering, its career paths, specializations, qualifications, industry trends, and future prospects. The resource person, Mr. N. Chandrasekhar, emphasized the importance of civil engineering as a rewarding career choice and its role in shaping modern society. Civil engineering is a dynamic discipline that involves designing, constructing, and maintaining various structures and systems, including buildings, roads, bridges, dams, and water supply networks. Civil engineers have diverse skill sets, making them well-suited for various career paths, including structural engineering, geotechnical engineering, construction management, urban planning, and research professorships. The event was attended by officials such as Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Dean of Student's Affairs Dr. R. Veeranjanyulu, Administrative Officer Mr. Ramana Babu, Convener Dr. G. Ganesh Naidu, and event coordinator Mr. E. Mani.





N. Chandrasekhar Explores Career Pathways in Civil Engineering





Students' Chapter with the Institute of Engineers

The Department of Civil Engineering has established the Institute of Engineers (India) Student Chapter on February 8, 2024. The chapter aims to promote professional development, knowledge exchange, and networking opportunities for students. The event was attended by the department's head, Dr. G. Ganesh Naidu, and event coordinator, Mr. M. Durga Vara Prasad, who provided an overview of the chapter's activities and benefits.



An Awareness Session

On February 28, 2024, the Department of Civil Engineering, in collaboration with Adani Groups, organized an awareness program titled "Future Opportunities in Hydrography for Civil Engineers" for second- and third-year students. The session was conducted by Mr. N. Jeevan, Senior Manager, and Mr. Sk. Muhiddin Kaja, a Senior Officer from Adani Group, Krishanpatnam. The initiative aimed to highlight the promising field of hydrography, encompassing the surveying and charting of water bodies, amid the increasing demand for

skilled hydrographers due to climate change and coastal population expansion. Notable officials in attendance included Dr. Maddisetty Sridhar, Principal; Dr. GVK Murthy, Dean of Student Affairs; Dr. R. Veeranjanyulu, Administrative Officer; Mr. Ramana Babu, Dean of Training and Placements; Ms. K. Roopa Akkesh, Convener; Dr. G. Ganesh Naidu, and Mr. M. Kranthi Kumar, the event coordinator.



Reflections by Mr. N. Jeevan on the Field of Hydrography

INDUSTRIAL VISIT ON STEEL STRUCTURES

On February 27, 2024, a visit to an industrial site focused on steel structures was arranged for third-year civil engineering students, in collaboration with the ICI Student chapter. Both professionals and students interested in building, engineering, or related sectors might gain a lot from this visit. Dr. A. Rangandhan, the event coordinator, Mr. G. Ezri Babu, and Resources person Dr. I. Rama Prasad Reddy were present at the visit.



MECHANICAL ENGINEERING

A Session on Entrepreneurship Skill, Attitude and Behaviour Development at PACE

WORKSHOP ON
ENTREPRENEURSHIP
SKILL, ATTITUDE
& BEHAVIOUR DEVELOPMENT
Venue: MECH Seminar Hall

PACE
INSTITUTE OF TECHNOLOGY & SCIENCES
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MON 5th FEB 2024
2:00 PM to 4:00 PM

Dr. Gujjala Raghavendra
Assistant Professor
Department of Mechanical Engineering
NIT Warangal, Warangal
Telangana, India.

CONVENORS
Dr. G. Kondaiah
HOD, Dept. of ME
Dr. G. Mallikarjunachari
Assoc. Professor, Dept. of ME

CO-CONVENORS
Mr. K. Sreenivasrao
Asst. Professor, Dept. of ME

Organised By
Department of Mechanical Engineering

NH-16, Near Valluramma Temple, ONGOLE - 523 272, A.P., INDIA | www.pace.ac.in

The PACE Institute of Technology and Sciences held an awareness lecture on **Entrepreneurship Skills, Attitude, and Behaviour Development** for third-year mechanical students. The lecture, led by Professor Dr. Gujjala Raghavendra, discussed topics such as learning from mistakes, starting a business, adopting a positive mindset, using business acumen, and growing faith to overcome challenges. Dr. Maddisetty Sridhar, the correspondent and secretary, emphasized the importance of becoming entrepreneurs rather than laboring hard for a job. The event was attended by Principal Dr. GVK Murthy, Dean of Students Affairs Dr. R. Veeranjanyulu, Dean ICSR Dr. Mallikarjunachari, and AO Mr. M. Ramana Babu. The mechanical department head, Dr. G. Kondaiah, and the teaching team also participated. An assistant professor, Mr. K. Srinivasa Rao, coordinated the event.



Dr. Gujjala Raghavendra Delivers a Speech on Entrepreneurship Skills





Faculty Achievements

- From February 16 to 22, 2024, Mr. Savidiboina Kondalrao, an assistant professor, participated in a six-day Federated Study Program on "**Artificial Intelligence and Machine Learning**," which was arranged by the AICTE Training and Learning (ATAL) Academy at Jayawantrao Sawant College of Engineering.
- The SRM Institute of Science and Technology Ramapuram Campus Faculty of Science and Humanities hosted a seven-day faculty-student faculty development program on "**Teaching Strategies: A Pedagogy**" from February 16–22, 2024. Associate Professors Dr. Kondaiah Gudimetla, Dr. Mallikarjuna Chari, and assistant professors Dr. Md. Jabhihulla Shariff, Dr. Sudheer Chakravarthy, Mr. Yarram Srinivasa Reddy, Mr. N. Vijay Kumar, Mr. Pulipati Kiran Babu, and Mr. Savidiboina Kondalrao attended.

STUDENT ACHIEVEMENTS

- III-year mechanical students (10No) have successfully completed the LaTeX test organized by PACE Institute of Technology and Sciences in association with IIT Bombay on February 28, 2024.
- II-year mechanical students (11 No.) have successfully completed the Open FOAM version 7 Test organized by PACE Institute of Technology and Sciences in association with IIT Bombay on February 28, 2024.

HUMANITIES AND SCIENCES

Papers Published: Chemistry: Elsevier

Dr. Paleti Gidyonu, Ajmeera Nagu, Sreedhar Gundekari, and Mohan Varkolu. 2024. Formic acid-assisted synthesis of a Cu-CuO-ZnO composite catalyst for acceptor-free selective dehydrogenation of 1, 4-butanediol to γ -butyrolactone. Catalysis Communications Journal.

Scopus

Dr. Brahmam Pasumarthi, Dr. Shiv Charan Prajapati, Mr. Alok Raj, Dr. Reena Saxena, Dr. Shravan Kumar, and Dr. Rahul. 2024. Assessment of Heavy Metal Contamination in Urban Soil and its Implications for Human Health. Migration Letters, 21 (S6): 1671-1692.

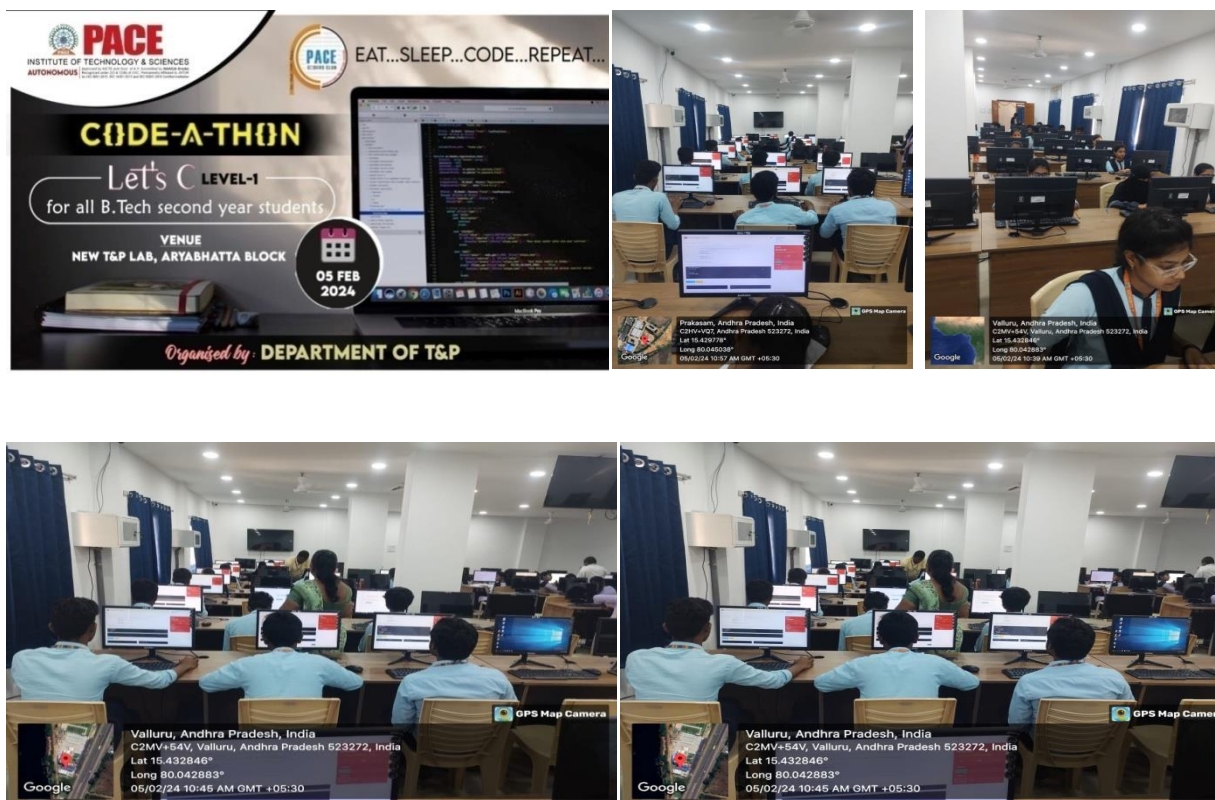
Seminars/conferences

Dr. Brahmam Pasumarthi presented an oral presentation on **"A study on natural enhancement of human immunity during the pandemic situation of COVID new variant JN.1"** and secured first prize in the UGC-sponsored national seminar on "recent advances in immunology, biodiversity, aquaculture, and aquatic toxicology," organized by the Dept. of Zoology and Aquaculture, Acharya Nagarjuna University, Andhra Pradesh, India, from February 2–3, 2024.

Dr. Brahmam Pasumarthi is appreciated for his participation and contribution in scientific sessions as a chairperson in the UGC-sponsored national seminar on **"Recent advances in immunology, biodiversity, aquaculture, and aquatic toxicology"** organize By Dept. of Zoology and Aquaculture, Acharya Nagarjuna University, Andhra Pradesh, India, from February 2–3, 2024.

TRAINING AND PLACEMENTS

Codethaon Level - 1



CAREER GUIDANCE CELL

A session on "**Career Guidance**" was held for B.Tech. Third-year students by the Career Guidance Cell of PACE Institute of Technology and Sciences. Dr. Rajeshwara Rao and Mr. A. Prasanna Kumar from GPEC Educational Consultancy, Ongole, discussed the engineering field's diverse options, the importance of specialization in today's job market, and the importance of continuous learning and upskilling. They also highlighted the importance of soft skills like communication, problem-solving, teamwork, and adaptability. Ms. Roopa Akkesh, convener of the Career Guidance Cell, emphasized that one's career path is not fixed and that personality development skills are crucial for job success. Students enthusiastically engaged in the session, raising expectations for how the training will improve their career prospects. A verbal trainer from the Training and Placements Cell, Mr. Ratna Raju Chegudi, and an aptitude trainer, Mr. S. Anjaneyulu, coordinated the event.



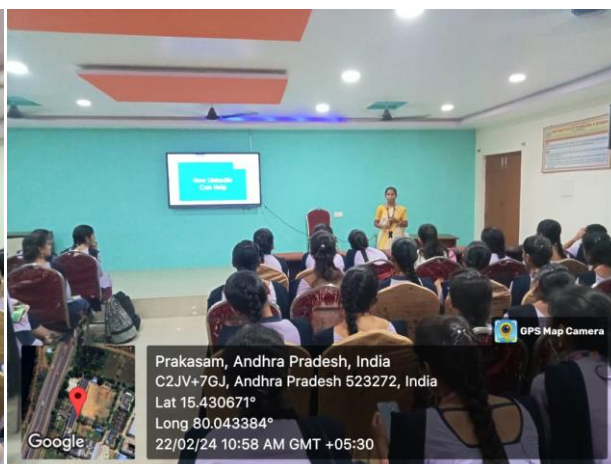
Dr. Rajeshwara Rao and Roopa Akkesh Provide Insights on Career Guidance



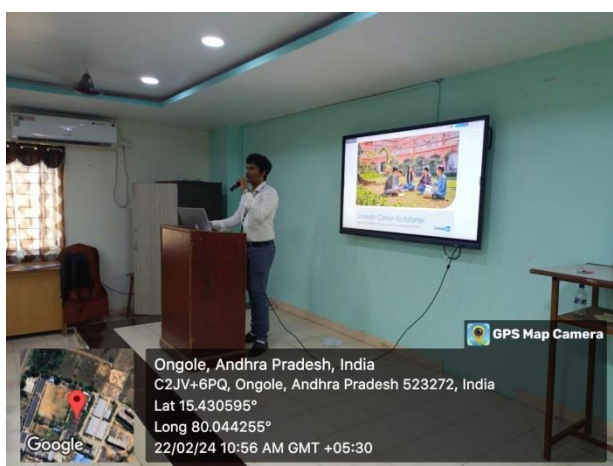


A TRAINING SESSION

The Career Guidance Cell, in partnership with [FACE Prep](#) and [LinkedIn](#), arranged a training session on the Advanced Use of LinkedIn for the third-year [B.Tech](#) students at [PACE ITS Ongole](#). Improving the students' LinkedIn accounts and making it easier for them to look for jobs or internships on the network were the main goals of the session. Additionally, the students received a complimentary 6-month upgrade to the LinkedIn Premium account as part of the program, which grants them access to LinkedIn learning. Ms. K. Roopa Akkesh oversaw its coordination.



Representatives from LinkedIn Conduct a Session on Advanced Applications of LinkedIn



Faculty Achievements

- An Assistant Professor Mr. Ratna Raju Chegudi, attended a one-week online National-Level Faculty Development Programme on "**Teaching Strategies: A Pedagogy,**" Organized by SRM Institute of Science and Technology, Chennai, from February 16–22, 2024.

RESEARCH & DEVELOPMENT (R&D)

A Session on Effective Article Writing Using AI Tools

Research and Development Cell organized a talk on February 5, 2024. Dr. Gujjala Raghavendra, Assistant Professor at NIT Warangal, emphasized the significance of AI article writing during his talk on "**Effective Article Writing Using AI Tools.**" He highlighted how AI article writing is pivotal in the current digital era and how understanding its importance can give individuals a competitive edge in this field. Additionally, he mentioned that AI-generated articles have the potential to enhance efficiency by automating the writing process and producing top-notch content in a timely manner. The event was attended by the correspondent and secretary, Dr. Maddisetty Sridhar, principal, Dr. GVK Murthy, Dean of Students' Affairs, Dr. R. Veeranjanyulu, and AO, Mr. M. Ramana Babu. Dr. D. Anil Kumar, Dean of R&D, coordinated the event.



Dr. Gujjala Raghavendra Leads a Session on AI Tools



INSTITUTE OF INNOVATION COUNCIL

PACE Students' Visit to Hatcheries



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**INSTITUTION'S
INNOVATION
COUNCIL**
(University of Education Initiative)

In their quest for solutions, the staff and employees of Aqua Hatcheries reached out to students at the PACE Institute of Technology and Sciences specializing in areas such as AIDS, AIML, IT, IOT, EEE, and CSIT. This collaboration formed part of their Design Thinking initiative. On February 27, 2024, the students from PACE visited multiple aqua hatcheries situated in Eethamukkala. During this visit, they engaged with employees from Sai Lalitha, Anjaneya and Hanuman Hatcheries, gaining insights into seed counting and other pertinent issues. They were tasked with developing new technologies and resolving longstanding challenges. Mr. Mohan Kumar, the organizer, highlighted the college's ethos of fostering exploration. Furthermore, Mr. Mohan Kumar, the manager of Sai Lalitha Hatchery, expressed his support by providing meals and other amenities to visiting students. Key figures participating in the program, facilitated by the Institute of Innovation Council, included the college's Secretary and Correspondent, Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Institute of Innovation Council ambassador Mr. M. Janakiram, Dean of ICSR, Dr. G. Mallikarjunachari, along with teaching staff and students.







Mr. Mohan Kumar Shares Insights on Seed Counting and other Relevant Topics

INDUSTRIAL CONSULTANCY AND SPONSORED RESEARCH (ICSR)

An Awareness Session

An Awareness Program on
INTERNATIONAL INTERNSHIPS & CONSULTANCY RESEARCH PROJECTS

ORGANIZED BY
ICSR- PACE ITS **09TH FEB 2024**
VENUE: CSE SEMINAR HALL **2.30 PM TO 4.10 PM**

RESOURCE PERSON
Mrs. I. Sravanthi
 Career Counsellor & Consultant

RESOURCE PERSON
Dr. Mallikarjunachari G
 Dean-ICSR, PACE ITS, Ongole

RESOURCE PERSON
Mr. M. Janakiram (MJR)
 IIC Innovation Ambassador
 PACE ITS, Ongole

CORDINATOR
Dr. Mallikarjunachari G
 Dean ICSR-PACE ITS

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On February 9, 2024, Industrial Consultancy and Sponsored Research (ICSR) hosted an awareness program centered on International Internships and Consultancy Research Projects. The session was led by Mrs. Sravanthi, Career Counselor and Consultant, Dr. Mallikarjunachari G Dean of Industrial Consultancy and Sponsored Research (ICSR), and Mr. Janakiram, Institute of Innovation Council ambassador. Mrs. Sravanthi provided insights into the available opportunities for 3rd Year IOT and CSIT students to pursue international internships. Key highlights from the event encompassed guidance on passport and visa processing, internship opportunities, encouragement for student journal

publications, recognition of academic achievements, engagement in co-curricular and extra-curricular activities, fostering language skills development, and offering preparation tips for exams such as IELTS and TOEFL.



Ms. Sravanthi discusses International Internships and Consultancy Research Projects



World Cancer Day at PACE



On February 4, people all across the world observe **World Cancer Day**, an occasion to promote cancer prevention, detection, and treatment. The Union for International Cancer Control organizes World Cancer Day in order to further these objectives. In honour of World Cancer Day, the staff and students of PACE ITS Ongole participated enthusiastically in the **"2K Walkathon Care for Cancer"**. Their objective was to raise public awareness of the significance of cancer prevention, diagnosis, and treatment.



PACE students Actively Engage in a 2K Rally Commemorating World Cancer Day





PACE students Actively Participated in the National Cancer Day 2k Rally held in Ongole



NSS Special Camp

From February 5th to February 11th, 2024, the NSS Special Activities Unit of PACE institute OF Technology and Sciences held a **Special Camp** focused on "**Rural Development**" in Karumanchi village, Prakasam District, Andhra Pradesh.

Day – 1



The **NSS Special Camp** for the Academic Year 2023-2024 kicked off with a vibrant ceremony at Karumanchi Village on February 5, 2024. The dedicated team of college NSS unit-1 volunteers, along with 125 students and three staff members, officially launched the camp in the presence of esteemed officials. Dr. G. V. K. Murthy, the Principal of PACE Institute of Technology & Sciences, initiated the camp with a

focus on rural development. Over the course of seven days, the program engaged NSS volunteers, college students, local leaders, and school students from the village. The local leaders expressed their joy in participating in the camp and pledged their ongoing support for PACE NSS UNIT-1 activities in the village.





NSS Special Camp - Day – 2

It's wonderful to hear about the **Clean Water** and **Tree Planting** event held by the PACE Institute of Technology & Sciences at Z.P.H. School in Karumanchi village On February 6, aiming to plant 200 saplings as part of the NSS Special Camp program. The event aimed to promote environmental sustainability by highlighting the importance of tree planting for oxygen production, pollution reduction, and overall environmental health. The chief guests were Dr. Maddisetty Sridhar, Dr. G.V.K. Murthy, Dr. R. Veeranjanyulu, and M. Ramana Babu, while senior students planted the remaining saplings in nearby localities. The event highlighted the benefits of tree planting for the environment, oxygen production, and reducing pollution. Mr. Katragada Ravi, Head Master of Z.P.H. School, Karumanchi, urged students to plant and conserve trees for future generations. Trees provide habitat for wildlife species, food, protection, and homes for birds and mammals. The NSS volunteers cleaned the water bodies in Karumanchi village, mixed bleaching powder, and sprayed the bleaching powder in and around the water body. The college secretary, correspondent, and principal appreciated the students and NSS coordinators, Dr. Mallikarjuna Rao and Mr. Suresh, who initiated the NSS Special Camp 2023-2024.





NSS Special Camp - Day - 3

On February 7, 2024, the PACE Institute of Technology and Sciences organized an awareness program on **Beekeeping** in Karumanchi Village as a part of the NSS Special Camp. The event was inaugurated by Sri. Dr. Maddisetty Sridhar, the college secretary and correspondent, who highlighted the significance of honey bees in agriculture and their role as an additional source of income for farmers. Dr. G. V. K. Murthy, the principal, stressed the importance of a long-term course to enhance bee handling skills. Dr. M. Mallikarjuna Rao led a technical session discussing bee types, management practices, honey harvesting, and packaging. Mr. Durga Prasad, an assistant professor in the Department of Environmental Sciences at the PACE Institute of Technology & Sciences, focused on the quality and marketing aspects of honey. The program was well attended by 125 participants from Karumanchi and Mallavarappadu villages. Mr. B. Suresh Kumar, NSS Program Officer of Unit-2 in the Department of EEE, coordinated the event. The college secretary, correspondent, and principal commended the students and staff who took part in the camp.



NSS Special Camp - Day 4

A seminar at PACE Institute of Technology & Sciences in Valluru Village on February 8, 2024, According to Dr. Maddisetty Sridhar, sericulture is a viable source of revenue for rural farmers who want to implement an integrated farming system. About 120 NSS students and three staff members from PACE Institute of Technology and sciences attended the event, which was organized in cooperation with the Department of Environmental Sciences, Institute Innovation Cell (IIC), and EDC. The program highlighted the demand for silk and the need for rural farmers to adopt integrated farming systems for sustained income. Mr. M. Janakiram, IIC Innovation Ambassador, elaborated on government subsidy schemes for sericulture, including Rs. 10,500 for mulberry cultivation, sericulture sheds, and drip irrigation systems. The seminar also discussed silk cultivation, silkworm rearing, cocoon harvesting, and marketing.

The **Agriculture Technology Management Agency-SSEPERs** organized an awareness program in Prakasam District, Andhra Pradesh, focusing on farming techniques, pulse crops, pesticide handling, and legal implications. The program educated participants on impending agricultural issues, highlighting precautionary measures, upcoming farmer schemes, and financial aid. Ms. Hima Bindu, Assistant Professor of Environmental Sciences from PACE ITS, discussed farming practices, pulse cropping, and pesticide safety. Dr. Mallikarjuna Rao, Associate Professor from PACE, discussed the legal aspects of pesticide purchase and effective usage at the field level.





Day – 5

The dairy industry plays a crucial role in India's agro-based economy, involving production, procurement, storage, processing, and distribution of dairy products. The dairy industry is essential for human health, and systematic activities are organized to prevent and cure health issues. Milk is a nutritious intake that is consumed by all age groups, both rich and poor, and is consumed in various states as raw milk, pasteurized milk, and hot drinks. The government has established various dairy industries in hygienic conditions to provide quality milk. Consumers are the kings of the market, and they are keen on selecting the best brands for their health. The World Bank-funded Operation Flood (OF) Programme, also known as the White Revolution, was instrumental in enhancing milk production in the country. The program focused on small rural producers and established producer organizations for sustainable dairy-based enterprises in rural villages of India. Nearly 120 members and 3 staff from PACE Institute of Technology and Sciences participated in the visit, and the college secretary and correspondent Dr. Maddisetty Sridhar, and Principal Dr. GVK Murthy appreciated the students and staff members who participated.



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AWARENESS ON DAIRY INDUSTRY





Day – 6

Over the past few decades, agricultural development has increased significantly due to external inputs, leading to improper use of local resources and damaging environmental resources and indigenous knowledge. Issues include heavy dependence on fertilizers, increased micro-nutrient deficiency, reduced cultivation area, depleted soil water table, increased dependence on chemical fertilizers and pesticides, and deterioration of soil health. The Green Revolution in India in the 1970s led to self-sufficiency in food production and increased use of chemical fertilizers, causing soil health and environmental imbalance. To address this issue, vermiculture, a method of soil fertility supplementation, has been suggested. Earthworms, known as "the intestine of the earth," play a significant role in soil health improvement and degrading organic waste materials. To overcome these issues, biological components like vermicompost, involving earthworm activities, need attention from biologists like J. E. Satchell, E. Lofty, and M. S. Swaminathan.

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AWARENESS ON VERMI COMPOST PREPARATION

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Day – 7

Valedictory Programme & Certificate Distribution

The NSS Special Camp will come to an end on February 11, 2024, at Z. P. H. School in the villages of Karumanchi and Mallavarappadu. The main guests were Dr. GVK Murthy, Principal of PACE Institute of Technology and Sciences, and Dr. Maddisetty Sridhar, College Secretary. The gathering began with prayer, facilitated by Mr. B. Suresh Kumar and a group. Ms. S. Anupama, a second-year PACE student, greeted everyone to the occasion, and Ms. R. Usha Rani, PET, stressed the value of expressing thanks to parents, instructors, and fellow students. The chief guest gave honors to Mr. Katragadda Ravi, the headmaster of the Z. P. H. School in Karumanchi Village, and Ms. R. Usha Rani, a physical trainer, emphasized the value of expressing thanks to parents, instructors, and fellow students. The chief guest gave honors to Mr. Katragadda Ravi, the headmaster of the Z. P. H. School in Karumanchi Village, and Ms. R. Usha Rani, a physical trainer. For delivering the best service during the camp, Miss K. Roja, Miss G. Swojanya, Miss T. Swavanthi, and Miss Y. Haritha were recognized with awards by PACE management. Dr. M. Mallikarjuna Rao, Mr. B. Suresh, and Lt. A. Prudhvi Krishna oversaw the event's coordination. Dr. M. Mallikarjuna Rao gave a report on the activities conducted during the special camp.





Certificates are Awarded to Active Participants for their Involvement





WOMEN EMPOWERMENT CELL

On February 10, 2024, the PACE Institute of Technology and Sciences hosted the **International Day of Women and Girls in Science**, aiming to promote women's full and equal access to Science, Technology, Engineering and Mathematics (STEM) disciplines. The UNGA recognized the importance of promoting women's participation in science, technology, and innovation for gender equality and female empowerment. UNESCO and UN Women are the main UN agencies responsible for organizing the event. Women make up 33.3% of research worldwide, and the day is celebrated annually by UNESCO and intergovernmental agencies in collaboration with UN Women. The event included various competitions, including JAM, paper craft, photo quiz, logo quiz, picker wheel, and abbreviations, with certificates of appreciation given to the winners. The event was attended by various officials, including the Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, Dean of Training and Placements Ms. K. Roopa Akkesh, WEC Convener Ms. N. Vaishanavi, and event coordinator Ms. K. Srilatha. The event was attended by all the female faculty and students, highlighting the importance of promoting women's full and equal access to STEM fields.



Students express their ideas on the involvement of women and girls in science





Certificates are awarded to the Top Performers for their Outstanding Achievements

HEALTH WATCH COMMITTEE

Certificates are awarded to the top performers for their outstanding achievements.

The "**Deworming Drug (ALBENDAZOLE)**" distribution team, in collaboration with the Health Watch Committee of PACE Institute of Technology Sciences, organized a deworming drug distribution for individuals under 19 PACE Institute of Technology Sciences on February 13, 2024. The tablets were distributed to 1000 B. Tech., students and 600 diploma students. Participants included Asha activists, ANM Ms. Aruna, HP Ms. Jhanseelakshmibhai, HEO Mr. K. Srinivasulu, and Primary Health Centre Officer D. Mattaiah. Notable attendees included College Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, Diploma College Principal Ms. G. Kotireddy AO, Mr. M. Ramana Babu. And Dr. P. Brahman, the coordinator of the Health watch Committee, oversaw the event.

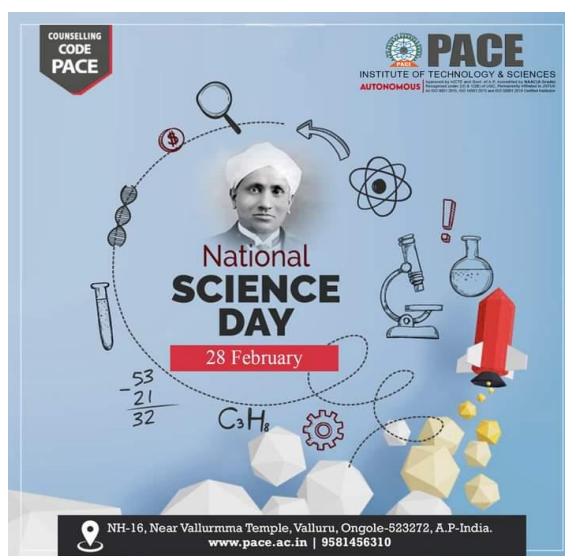






EXTRA CURRICULAR ACTIVITIES COMMITTEE

National Science Day, celebrated annually on February 28th, honors Indian physicist Sir C.V. Raman, who discovered the Raman Effect in 1928. In 2024, 45 students showcased their proficiency through PowerPoint presentations, emphasizing the importance of science in engineering. The winners included P.V.N. Nikhitha and P.V. Sai Baba from the first year AIML program, Y. Pranathi, T. Shehalatha from the second year IT program, T. Veda Sri from the first year AIDS program, and K. Phani Chandra from the first year AIDS program. K. Kiran Kumar from the second year CSE program also emerged as a winner, showcasing the diverse talent across various disciplines. The commendable efforts of these students were duly acknowledged by esteemed personalities including the college's Secretary and Correspondent, Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Dean of Students' Affairs Dr. R. Veeranjanyulu, Dean of Academics Dr. M. Appa Rao, AO Mr. M. Ramana Babu, and ECAC coordinator Ms. Sandya Rani.



Speeches Delivered by Students on Science Day



ECAC held PowerPoint competitions in honor of National Science Day.

Workshop on Campus Ambassadors

On February 15, 2024, a workshop was held at Prakasam Bhavan for campus ambassadors aimed at promoting awareness about voter registration. The workshop garnered enthusiastic participation from students of PACE Institute of Technology and Sciences. Lt. Prudhvi Krishna from PACE supervised the students' involvement in this program.





CHAIRMAN

Dr. M. Venugopal Rao

Honourable MLA, Darsi



SECRETARY & CORRESPONDENT

Dr. M. Sridhar



PRINCIPAL

Dr. G. V. K. Murthy

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Training and Placements Cell