



AUTONOMOUS

JUNE 2023



SRINIVASA EDUCATIONAL SOCIETY'S

PACE

INSTITUTE OF TECHNOLOGY & SCIENCES

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

PACE CHRONICLE

a monthly newsletter

NEWSLETTER-JUNE2023

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 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-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.



PACE as an Academic Partner of AIC-SKU



Atal Incubation Centre, Sri Krishnadevaraya University (AIC-SKU)! Partnering with us to build a vibrant and sustainable startup and innovation ecosystem. Thanking Honourable secretary sir, Principal sir, deans, and HoDs

Sri Krishnadevaraya University's Atal Incubation Centre (AIC-SKU) collaborating with us to create a thriving and long-lasting startup and innovation ecosystem. Thanking the honourable secretary, principal, deans, and heads of departments

The PACE Team visited Sri Krishnadevaraya University's ATAL Incubation Centre



On June 22, 2023, a group of professors from PACE Institute of Technology and Sciences, including Dr. D. Suresh (HOD CSE), Dr. D. Anil Kumar (Dean R&D), Dr.P.Uday Bhaskar, and Dr.M. Venkateswara Rao (Department of ECE), Visited the ATAL Incubation Centre at Sri Krishnadevaraya University in Ananthapur to promote the incubator and start-up culture among students. The team had in-depth conversations with CEO Mr. Siva Kiran and Manager Mr.Chandramouli of the ATAL Incubation Centre. Our core team evaluated their ideas and their creative inspiration, and as a result, they addressed the possibility of working with ATAL SKU. Through this partnership, ideas from individuals, teachers, and students will be realised in the proper way.

IAS Ranker Miss Vinutna attended PACE's Congratulatory Meet



IAS Ranker Miss Bollipalli Vinutna advised all students to pick a specific goal and put up great efforts to achieve it. At PACE Institute of Technology and Sciences, Bollipalli Vinutna, the daughter of the Deputy Director Dr. Bollipalli Ravi, was honoured. When she was selected for the IAS at such a young age, college Secretary and Correspondent Dr. Maddisetty Sridhar said that other college students should look up

to her as a role model. As a source of satisfaction for all of us, the college staff praised Ms.Vinutna, who earned the IAS after graduating from the Mechanical Engineering. In a later speech, IAS ranker Vinutna discussed her viewpoints and objectives with the college students. In addition to Vinutna's father, the retired Veterinary JD Dr. V. Rabindranath Tagore, Principal Dr. GVK Murthy, AO Mr. M. Ramana Babu, and the Dean of Students' affairs Dr.R Veeranjanyulu were present at the event.

COMPUTER SCIENCE ENGINEERING



The Department of Computer Science Engineering at PACE hosted a TWO week Faculty Development Programme on Enhancement of Programming Skills - Practical Approach from June 19 to July 1, 2023, where Industry Experts instructed the faculty in C, C++, Python, and DS.

FACULTY ACHIEVEMENTS

- As a subject expert for the Department of ECM at J.B Institute of Engineering and Technology (Autonomous), Hyderabad, Dr. Suresh Dara, professor and head of the department of Computer Science Engineering, attended BOS on June 2, 23.
- On June 23, Dr. Suresh Dara, Professor and Head of the Computer Science Engineering Department, gave a guest lecture on "How to Write a Good Research Article and Publish" at the J.B Institute of Engineering and Technology (Autonomous) in Hyderabad's Artificial Intelligence and Data Science department.
- Mr. T. Kishore Babu, Assistant Professor in the Department of Computer Science Engineering, has taken part in a 40-hour online programme on "Block chain Technology and Applications."

- Mr. V. Sriharsha, an assistant professor in the Department of Computer Science Engineering, took part in the 6-day faculty development programme "Machine Learning - In Practise" that was run by the IT Department of LBRCE.
- The World Record for "Largest Attendance in Virtual Yoga Class" was held by Habuild, and Mr. T. Kishore Babu, Assistant Professor at the Department of Computer Science Engineering, took part in it.
- The "TELECOM TOWER CLIMBING REPORT" patent was issued to Mr.V.Sriharsha, Mr. Ch. Ravindra Babu, and Assistant Professors from the Computer Science Engineering Department.
- Implementation of Machine Learning Approach for Detecting Cardiovascular Diseases was a paper presented at the 3rd International Conference on Intelligent Technologies (CONIT 2023) from June 23 to June 25, 2023, by Dr.T.R.Chaitanya, Professor and Mrs.Heena Kauser, Assistant Professor from the Department of Computer Science Engineering.

ELECTRONICS AND COMMUNICATION ENGINEERING | FACULTY ACHIEVEMENTS



On June 8, 2023, Dr.M.Venkateswara Rao presided over a session at the "WAMS 2023" conference, where five presentations from final-year students were also delivered.

FDPs Attended

- Dr. M.Rajasekhar, an Associate Professor, participated in the PBR Visvodaya Institute of Technology and Science's five-day Faculty Development Programme on "Advances in Device Modeling and Signaling" from June 26 to June 30, 2023.
- Mr.M.Rajakumar, an Assistant Professor, participated in a five-day faculty development programme on "Advances in Device Modeling and Signaling" from June 26 to June 30, 2023, which was organized by the PBR Visvodaya Institute of Technology and Science in Kavali.
- Mr.R.Koteswara Rao, an Assistant Professor, participated in a five-day faculty development programme on "Advances in Device Modeling and Signaling" that was held at the PBR Visvodaya Institute of Technology and Science in Kavali from June 26 to June 30, 2023.

CIVIL ENGINEERING



Mr. Koppula Prasanna Kumar, a final-year Civil Engineering student at PACE Institute of Technology and Sciences, demonstrated his talent by taking first place in several competitions for Believer and Discipline Star Awards. Congratulations were given to the successful student by College Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. GVK Murthy, Dean Dr. Veeranjanyulu, and HOD Dr. Ganesh Naidu.

MECHANICAL ENGINEERING | DEPARTMENT ACHIEVEMENTS

- Dr. G.Kondaiah HOD, Professor Dr. Raghuram Pradhan, Assistant Professors, Dr. Jabihulla Shariff MD, Mr. Sivaprasad Velpuri, Mr. Yarram Srinivasa Reddy, and Mr. Vijay Kumar, have participated in a Five-Day online Faculty Development Programme on "Advances in Materials and Manufacturing Technologies", organized by the Department of Mechanical Engineering, Kallam Haranadreddy Institute Of Technology, Guntur, from June 26, 2023 to June 30, 2023.
- Professor Dr. Raghuram Pradhan and Assistant Professor Dr. Raghuram Pradhan Sudhir Chakravarthi Katragadda took part in a 40-hour online capacity-building course on "Block chain Technology and Applications" that was put on by Empowering Girls to Reduce the Gender Gap in IT and ITES Sectors in the South Asia Region from June 15 to June 24, 2023.
- Mr. Y. Srinivasa Reddy, Assistant Professor, attended a three-month online course on "Heat Transfer" and successfully completed the course with a consolidated score of 61, organized by NPTEL Online Certification (Funded by the MOE, Govt. of India), in association with IIT Bombay from January 2023 to April 2023.
- Mr. Yarram Srinivasa Reddy, Assistant Professor, has participated in a one-week online Faculty Development Programme on "Developments in Mechanical Engineering", organized by the Departments of Mechanical and Automobile Engineering at Eswar College of Engineering in Narasaraopet, held from June 19th to June 23rd, 2023.
- Mr. N. Vijay Kumar, Assistant Professor, has participated in a one-week online Faculty Development Programme on "Developments in Mechanical Engineering", organized by the Departments of Mechanical and Automobile Engineering at Eswar College of Engineering Narasaraopet, held from June 19th to June 23rd, 2023.
- Mr. N. Vijay Kumar, Assistant Professor, has participated in a one-week online Faculty Development Programme on "Developments in Mechanical Engineering", organized by the Departments of Mechanical and Automobile Engineering at Eswar College of Engineering Narasaraopet, held from June 19th to June 23rd, 2023.
- Mr. Yarram Srinivasa Reddy, Assistant Professor, has participated in the One Day National Level Seminar on Innovation AND IPR", organized by the Department of Mechanical Engineering and the Department of Basic Science and Humanities. In association with IIC Cell, IQAC Cell, and ED Cell, Sri Venkateswara College of Engineering, Bangalore, on June 30, 2023.
- Dr. Jabihulla Shariff, MD, Assistant Professor, has participated in presenting the paper on "Design and Simulation of Prosthetic Arm" in the 3rd International Conference on "Emerging Trends in Mechanical Engineering and Industrial Automation (ICETMEIA-2K23)", organized by the Department of Mechanical Engineering, Narasaraopet Engineering College, during June 9 and 10, 2023.
- Mr. Yarram Srinivasa Reddy has participated in presenting the paper on "Optimization And Simulation Analysis Of Subsonic Aircraft Using Aluminum Alloy And Carbon Fibre Composite (CFC)" in the 3rd International Conference on "Emerging Trends in Mechanical Engineering & Industrial Automation (ICETMEIA-2K23)", organized by the Department of Mechanical Engineering, Narasaraopet Engineering College, during June 9 and 10, 2023.
- Mr. N. Vijay Kumar, Assistant Professor, has participated in presenting the paper on "Capability of Compression-Ignition Engine Fueled with Pond Water Algae Biodiesel in the 3rd International Conference on "Emerging Trends in Mechanical Engineering & Industrial Automation (ICETMEIA-2K23)", organized by the Department of Mechanical Engineering, Narasaraopet Engineering College, during June 9 and 10, 2023.

DEPARTMENT OF HUMANITIES & SCIENCES

A book titled "Emerging Trends & Technologies in Life Sciences" was written by Dr. Brahmam Pasumarthi and released in 2023 by Integrity Media Publishing.

BOOK PUBLISHED

- "Flow Pattern of MHD Casson Nano Fluid Past A Porous Stretching Sheet -A Numerical Approach" was the title of a paper presented by Ms. M. Parvathi, Ms. J.S. Sukanya, Mr. B. Hari Babu, Ms. P. Roja, Mr. P. Chandra Reddy, and Mr. M. Umamaheswar. 2023, 12(6), 715–727 715; Eur. Chem. Bull.
- An article titled "An Enhanced Quantum Algorithm for Error Correction and Improved Quantum Computing Speed" was published by Dr. P. Sateesh, Dr. T. Vijay Kumar, Dr. Y. Seetha Maha Lakshmi, Dr. S. Suresh, Dr. S. Karunakar Reddy, Dr. P. Siva Kumar, Dr. N. Narendra Phani Kumar, Mr. G. Ramesh Babu on "An Enhanced Quantum Algorithm for Error Correction And Improved Quantum Computing Speed". *Eur. Chem. Bull.* 2023, 12(4), 2740-2753.

PAPERS PRESENTED IN THE CONFERENCE

- A paper on "Effects of Buoyancy Force on Non-Newtonian Jeffrey Fluid Flowing MHD Free Convection Past an Infinite inclined Plate through Porous Medium in the Presence of Heat Source and Chemical Reaction" was presented by Dr. S. Rama Mohan at the International Conference on Modeling, Simulation, and Optimization of Energy Systems (2023), which was held at Canadian University Dubai, UAE, during the 17–18 June 2023.

NCC SUMMER CAMP AT PACE

The PACE Institute of Technology and Sciences hosted a 10-day 34 Andhra Battalion NCC ATC 6 from June 12 to June 21, 2023. 471 students from various colleges in the Prakasam District attended this programme, including 121 SWs and 350 SDs. Students in this camp received training and competed against other battalions in a variety of events, including drill, firing, obstacles, map reading, health and hygiene, flag area, field craft and battle craft, tent pitching, and best cadet. Colonel S.M. Chandrasekhar, commander of the Guntur NCC Group, paid a visit to the camp and appreciated the training quality. Colonel Ajay Kautinya, Commanding Officer of the 34 Andhra Battalion NCC, praised Dr. M. Sridhar, the secretary and correspondent of PACE Institute of Technology and Sciences, for providing the campus and bus facilities to operate the camp successfully.

In every category, 12 PACE Cadets took first and second places. Secretary and Correspondent Dr. Maddisetty Sridhar, Principal Dr. G.V.K. Murthy, Director of Student's Affairs Dr. R. Veeranjanyulu, AO Mr. M. Ramana Babu, the ANO Lt. Prudhvi Krishna Amburi, and the Physical Director, Mr. Madhusudan Rao, took part in the closing ceremony and appreciated the NCC cadets.

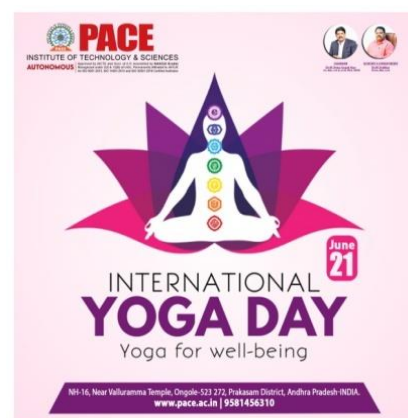
ATC – VI CAMP at PACE Institute of Technology & Sciences





NSS (NATIONAL SERVICE SCHEME)

Both NSS and NCC Units of PACE Institute of Technology and Sciences conducted 9th International Yoga Day on the college premises on June 21, 2023 where all the members of PACE family included Dr.M.Sridhar, Correspondent & Secretary Dr.G.V.K.Murthy, Principal, Mr.M.Ramana Babu Administrative Officer and all the staff and students participated and observed the **Yoga Day**.



9th International "YOGA" Day at PACE Premises



Felicitation to Yoga Gurus

INSTITUTIONAL SOCIAL RESPONSIBILITY CELL | Environmental Day Celebrations at PACE



PACE Institute of Technology and Sciences organized an awareness programme on Environmental protection, management, biodiversity, and its importance. The Department of **Environmental Sciences** has taken significant actions and delivered lectures on environmental projection, water conservation, organic formation, protecting birds from scorching summers, quizzes, slogan writing, poster creation, painting contests, and eco-friendly waste reduction techniques. In this connection, Secretary and Correspondent, Dr. Maddisetty Sridhar, Principal, Dr. G.V.K. Murthy, A.O. M. Ramana Babu, Dean of Student's Affairs, Dr. R.Veeranjaneyulu, Heads of all the departments, staff, and students attended this programme.

Environmental Week Celebrations

Highlights of the programme

- Environmental Day celebration
- Seminar on water conservation and technique
- Seminar on Organic Farming and its Benefits
- Provide drinking water for Birds and Animals in the hot summer.
- Completion of the quiz, slogan writing, poster making, and painting competition
- Rally to create awareness about eco-friendly ways to reduce waste at home

Day-1

An environmental quiz competition on biodiversity management was held by the Department of Environmental Sciences. The part was led by Ms. M. Himabindu, an assistant professor, who also posed the quiz's questions.



Day-2

Seminar on Water Conservation and Techniques

The Department of Environmental Sciences presented a talk on water saving techniques. Dr. M. Mallikarjuna Rao and Mrs. M.Himabindu, professors of environmental science, presented water-saving strategies and cutting-edge methods for managing home waste water.



Day-3

Seminar on Organic Farming and its Benefits

In connection with the seminar on organic farming and its advantages that the Department of Environmental Sciences held, Dr.P.Brahmam of the Department of Biology gave a demonstration on organic farming, its methods, and food safety.



Day-4

Rally to Create Awareness about Eco-friendly Ways to Reduce Waste at home

The Department of Environmental Sciences held a seminar on a rally to raise awareness of environmentally friendly ways to reduce waste at home. In this connection, Department of Environmental Sciences Professor Dr.M.Mallikarjuna Rao and Biology Professor Dr. P. Brahmam presented a demonstration on environmentally friendly ways to reduce waste at home, and students shared their ideas.



Day-5

Competitions on the aforementioned events were held among the students by the Department of Environmental Sciences, under the direction of Professor Dr.M.Mallikarjuna Rao and Professor Dr.P.Brahmam, in which the students actively participated.





CHAIRMAN

Dr. M. Venugopal Rao

Honourable MLA, Darsi



SECRETARY & CORRESPONDENT

Dr. M. Sridhar



PRINCIPAL

Dr. G. V. K. Murthy

THANK YOU

Honorary Advisor

Dr. G. V. K. Murthy, Principal

Chief Editor

Mr. Ch. Ratna Raju

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