PACE LETTER

A Bulletin for P. A College of Engineering

WHAT'S IN THE BULLETIN?

P.A. College of Engineering (PACE) was established in the year 2000 under the aegis of PAET, with an aim to provide a career-oriented professional education and to produce technically competent engineers with moral and ethical values. The institution is dedicated to promote an effective learning environment that encourages excellence and diversity in thoughts and endeavor.

PACE is affiliated to the Visvesvaraya Technological University (VTU), Belgaum and is approved by the All India Council for Technical Education(AICTE), New Delhi, recognized by the Government of Karnataka and is certified to ISO 9001- 2008.

EDITORIAL DESK

Dear Readers,
Its my privilege to release the second issue of PACELETTER. The letter focuses on the impressive academic, non-academic and techincal activities of all the departments,

Mr.Muhammed Wasim Hussain.Z

PACE

VARIOUS ACTIVITIES CONDUCTED BY THE DEPARTMENT OF MECHANICAL ENGINEERING

Release of Department Magazine and Felicitation to the Faculty Members

Department of Mechanical Engineering released their Annual Magazine "PACE MECHAZINE" (AY 2021-22) on 10th December 2022 in the E-Learning Centre. The magazine was released by the Principal Dr. Ramis M K, in the presence of the Chief Guest Mr. Sufiyan Ahmed U K, Founder and Managing Director, 'The Mechanic' and 'Oxyline Technologies', Uppala, Kasargod. The editors of the magazine Prof. Chethan K M and Prof. Navaneeth I M, senior faculty member Prof. Pujar C V were present during the occasion. Also, the two faculty members, Prof. Varun Hegde and Prof. Mohammed Kareemullah were felicitated by the principal and the chief guest for successfully conducting twelve weeks training programme on "Python Programming-Basics and Fundamentals" and two weeks training programme on "Object Oriented Programming Using Python" for the final year mechanical engineering students. Dr. Prashanth Pai M, Head of the Department, the teaching, technical and supporting staff of the department were present during the programme.

Inauguration of ME Association/Club activities for the AY 2022-23

Department of Mechanical Engineering officially inaugurated their Association (MEA) and technical Club activities for the AY 2022-23 on 10th December 2022 at 10AM in the E-Learning Centre. Principal, Dr. Ramis M K inaugurated the activities and addressed the gathering. In his address Dr. Ramis M K suggested that the association and clubs must be vibrant in organizing various technical and extra-curricular events for improving the skills of the students. The MEA faculty in-charge Prof. Navaneeth I M announced the office bearers of the Association and Clubs for the AY 2022-23. Dr. Prashanth Pai M, Head of the Department welcomed the gathering. The teaching, technical, supporting staff and the students were present during the inauguration programme. Mr. Abdul Rahiman Moulana led the gathering in prayers. Mr. Ashyam Jafar M P, MEA President proposed the vote of thanks. Mr. Muhammed Jamshid J, MEA Secretary, compered the programme.

Freshers' Day (2022) Celebration

Department of Mechanical Engineering organized Fresher's Day during which the III semester students were welcomed to the department by the faculty and higher semester students. The programme was organized in the E-Learning centre on 10th December 2022. Mr. Sufiyan Ahmed U K, Founder and Managing Director, The Mechanic and Oxyline Technologies, Uppala, Kasargod, was the chief guest of the programme. Mr. Sufiyan addressed the III semester students and welcomed each of them by giving a memento. Principal Dr. Ramis M K, Head of the Department Dr. Prashanth Pai M, Faculty in-charge of Mechanical Engineering Association (MEA) Prof. Navaneeth I M, Prof. Pujar C V, teaching, non-teaching, technical, and supporting staff were present during the event. The programme was followed by the lunch. In the afternoon session technical and entertainment activities were conducted. MEA President Mr. Ashyam Jafar welcomed the gathering. Secretary, Mr. Muhammed Jamshid J, was the Master of Ceremony and proposed the vote of thanks.

An Invited Talk on 'Entrepreneurial Opportunities in Mechanical Engg.

Mechanical Engineering Association (MEA), Entrepreneurship Club and Alumni Association jointly organized an invited talk on "Entrepreneurial Opportunities in Mechanical Engineering" on 10th December 2022 in the E-Learning Centre. The students of mechanical engineering department were the target audience. An alumnus of PACE (Mechanical Engg.), a successful entrepreneur, Mr. Sufiyan Ahmed U K, Founder and Managing Director, 'The Mechanic' and 'Oxyline Technologies', Uppala, Kasargod was the resource person. In his session Mr. Sufiyan highlighted different areas in which a mechanical engineer can become a successful entrepreneur. He stressed that students should have time-sense, patience, punctuality, hardworking and communication skills and a positive attitude along with technical proficiency to become a successful entrepreneur. Principal Dr. Ramis M K, gave the presidential remarks and felicitated the resource person. Dr. Prashanth Pai M, Head of the Department, welcomed the resource person and introduced him to the gathering. The MEA and Entrepreneurship Club faculty in-charge Prof. Navaneeth I M, Alumni association member Prof. Varun Hegde, the teaching, technical and supporting staff of the department were present during the session. Mr. Ashyam Jafar M P, MEA President proposed the vote of thanks.

Hackathon Competition by IEEE Student Branch

The Hackathon competition was conducted for the 2nd year students of CS, ECE and AI/ML branch of PA College of Engineering. More than 100 students participated in the first round of Hackathon. The first round had nearly 10 multiple choice questions related to C programming in which the participants had to predict the output of the given program in each question. The first round had a time limit of 30 minutes.

Around 30 participants were shortlisted for the second round of Hackathon. The objective of the second round was to solve 2 programming questions using any programming language of the participant's choice. The second round was hosted using the website HackerRank. The duration of the second round was 1 hour 30 minutes. In the end, the 3 participants with the highest score were declared as winners. Certificates and prizes were given to the winners of the competition.

An MoU was signed between PACE and COMEDK

An MoU was signed between P.A. College of Engineering , Mangaluru and COMEDK on Dec 16, 2022. Dr. Ramis M K, Principal, P.A.College of Engineering, Dr. M R Jayaram, Chairman COMEDK ,Mr. P Muralidhar, CEO, ERA Foundation,Dr. S Kumar, Executive Director, COMEDK , Prof. Mohammed Hafeez M K., Dept. Of Computer Science and Engineering, P.A College of Engineering and Ms.Hithaishy B, Team InUnity were present during the function. As per the MoU, P.A College of Engineering, can utilise the Innovation Hub, COMEDKARES, launched on Dec 16, at Bharat Mall. COMEDKARES is an initiative to set up INOVATION HUBs accross the state of Karnataka for enhancing the quality of institutions in collaboration with QS iGauge, a world renowned quality rating company. The innovation hub aims to help Engineering students stay up to date on new and emerging technologies.The courses offered by COMEDKARES is recognised by VTU with credits.

Ms. Salila, 1st year BT, honoured with Jamboree Award

The International Cultural event "Jamboree" conducted once in every five years at any part of world. In the year of 2022, it was held in Moodabidri, Karnataka from 21 December to 27 December 2022. The first year student Salila, Department of Biotechnology, P.A. College of Engineering had an opportunity to participate in the camp as a senior guide. She had a responsibility of directing the junior participant of scout and guides students in seven days of the camp.

She was given with challenges of making junior fellows to complete different tasks assigned to them like adventure activity, Jungle trail, Monochrome painting, Best out of waste, Clay modelling. They also witnessed Swadeshi mela, archery exhibition,science mela, flower exhibition and magic show, yoga, art mela. For completing the tasks they were honoured by badges. She had an opportunity to witness cultural program during the camp. Salila was honoured with Jamboree award and Service award.

Workshop on Game development by the Department of Computer Science and Engineering in association with GLUG PACE

Department of Computer Science and Engineering in association with GLUG PACE organised a "GAME DEVELOPMENT" workshop on 23rd December 2022 at the multipurpose hall.

Ms. Ankita inaugurated the program and welcomed the delegation from Sahyadri College of engineering along with other dignitaries.

Mr. Kshiteesh Desai introduced the insights on game development. The agenda of the workshop were as follows:-Introduction to Game Design and UPBG(Game engine). An Interactive and Informative quiz was conducted by the resource person as he showcased his previous projects to motivate the audience. Dr. Sharmila Kumari, HOD and Vice Principal, addressed the gathering.

AAGAMAM 22- Freshers Day for First Years

P.A.College of Engineering organized "AAGAMAM 22" - Freshers day event on 30/12/2022 at PACE Auditorium. The purpose of Freshers day was to welcome the new comers with a friendly and joyous atmosphere and to create a strong bond with their seniors. First year students actively participated in all the events.   Principal Dr. Ramis MK addressed the gathering and emphasized the students to well utilize the platform to exhibit their individual talent so as to enhance them in the future. Vice Principal Dr.Sharmila Kumari welcomed the gathering. Dean (student affairs) and HODs of various departments were present during the programme. Prof. Saifuddeen and Prof. Vittal Bhat M were the staff coordinators. Prof. Ismail Shaffi proposed the Vote of thanks. Mr. Moideen Nazim compered the programme.

WORKSHOP on 3D Printing

Department of CSE, PACE organized a workshop on 3D printing on 04th January, 2023 in association with Embed Club. The Target audience was second years and Electronics and communication engineering students. Basics of 3D printing were covered and resource person were able to print a model they designed.The session was very interesting and received a very good feedback from the students. Prof. Habeeb Ur Rehman was the staff Coordinator for the event. Mr. Jouhar Ali, Mr. Nouman, Mr. Muadh bin mohammed Ali, Mr. Rabeeh T A , Mr. Azlan and Mr, Thajuddin sanad were the student coordinators for the event.
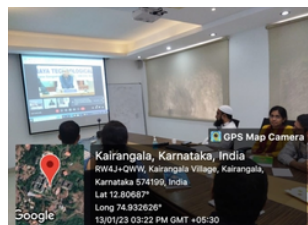
Expert talk on Beyond Cyber security

Department of Computer Science, P. A. College of Engineering organized an Expert talk on "Beyond Cybersecurity- Behavioural Approaches to Information Assurance" on 05/01/2023. The resource person was Dr. Raghav Rao, AT&T Distinguished Chair in Infrastructure Assurance and Security and Professor, Information Systems and Cyber security, University of Texas at San Antonio, United States. This is very good initiative and exposure to our students regarding Digital transactions/Beyond cyber security/Information Assurance.

The students and faculty members from CSE, EC, BT, ME, CIVIL and MBA departments as well as students of P. A. First Grade College actively participated in this session. The resource person was felicitated by Mr. Sharafuddin, AGM, PAET, Mangalore. The program was presided by Dr. Ramis M. K, Principal, P.A. College of Engineering, Mangalore. Dr. B. H. Shekar, Professor, Department of Computer Science, Mangalore University, Dr. Surfraz Hasim, Principal, P.A. First Grade College, Dr. Sayyad Ameen Ahammad, Dean student affairs PAET and Director MBA and Head of the various departments graced the occasion with their presence. Dr. Sharmila kumari M, Vice Principal and Head of CSE department was the coordinator of this program and introduced the Resource Person. Prof. Fathimath Raihan from CSE Department welcomed the gathering. Vote of thanks was done by Dr. Palakshappa K, Professor and Head, Department of Civil Engineering, Dr. Chandana B R, Associate Professor, Department of EC was the Master of ceremony.

Research Meeting at PACE

The Research Scholars and Supervisors at the 8 different Research Centres of P.A. College of Engineering attended the meeting conducted, on 13 January, 2023

Friday at the PACE Board Room. Honourable Vice Chancellor, Registrar, Registrar Evaluation and other Officials of VTU addressed the audience and answered the various queries of the Research Scholars on an online mode.

PACE IEEE Student Branch Outstanding Achievement

IEEE P. A. College of Engineering, Mangalore, Student Branch (STB99368) is recognized in Annual General Body Meeting which was held on 15th January, 2023, at Manipal Institute of Technology, Manipal, for their Outstanding Contribution to IEEE Mangalore Subsection.

Republic Day-2023 Sports and Games

On account of Republic Day, the Department of Physical Education organised various sports and games for PAET students and staffs from 18th January to 25th January, 2023. Mr. Sharfuddeen P.K., AGM, distributed the prizes to the winners on 26th January, 2023 during the flag hosting ceremony of Republic day. Dr. Surfraz. J. Hasim, Principal, P. A. First Grade College, Dr. Saleemulla Khan, Principal, PACP, Dr. Sharmila. Kumari, Vice Principal, PACE,

Dr. Sayyed. Ameen. Ahammed, Director, CMSR, Prof. Ismail. Khan, Vice Principal, PAPT, Mr. Faizal, Head, CPOD, Mr. Iqbal, Director of Physical Education,

Prof. Mohammed Saleem, Heads of the various departments, teaching and non-teaching Staff, and students of PAET were present during the prize distribution ceremony.

74th Republic Day celebrated at PACE

The 74th Republic Day flag hoisting ceremony was held on January 26, 2023, at PACE Campus. Mr. Sharfuddeen P.K., AGM, Campus, hoisted the national flag. Dr. Surfraz. J. Hasim, Principal, P. A. First Grade College, Dr. Saleemulla Khan, Principal, PACP, Dr. Sharmila. Kumari, Vice Principal, PACE, Dr. Sayyed. Ameen. Ahammed, Director, CMSR, Prof. Ismail. Khan, Vice Principal, PAPT, Mr. Faizal, Head, CPOD, Mr. Iqbal, Director of

Physical Education, Heads of the various departments, teaching and non-teaching Staff, and Students of PAET were present on this occasion.

First year Engineering sports Meet 2023

P.A. College of Engineering in association with First year Engineering Students Association (FESA) conducted Sports meet for first year students on 25 January 2023 at PACE Ground. Sports meet was inaugurated by Mr. Sharfuddin, AGM, PAET. Dr. Sharmila Kumari, Vice Principal, PACE in her presidential remark advised students to take active participation in all the events and different teams with healthy competition. Dr. Sayyed Amin, Dean, student affairs PAET, Dr. Paalakshappa HOD civil, various Department Heads, first year faculties and first year non-teaching staff were also be present in the inaugural session.The program started with Quran recitation by Mr Ibrahim Swabeeh followed by March past by Red warriors, Golden Arrows, Blue Hydras and Green Royal groups. These are the four groups formed to bring cordial togetherness of different branch and different section students from first year. Several track events, field events and fun games were conducted for boys and girls. Pledge was taken by National Hand ball player Ms. Rubeena Ramlath first year computer science Engineering. Golden Arrows (yellow group) won overall championship (including both boys and girls with 120 points). Girls championship was bagged by Golden Arrows (Yellow group)with 84 points . Green Royals (Green group) won the boys championship with 47 points .The sports meet was well organized by Mr.Iqbal, Physical Director and Mr. Ismail Shaffi, Coordinator CoScholastic activity, PACE & Head Dept of Physics. All first year teaching, non-teaching staff wholeheartedly involved in conduction of the events .Mr. Muhammed Wasim Hussain proposed the vote of thanks.

SCR Exhibition: Art, Heritage tour and Food lore

The SCR (Social Connect Responsibility) one day event and exhibition (Art, Heritage tour and food lore) was organized by P. A. College of Engineering, at PACE auditorium on 28-1-2023 at 11:00 AM. It was an exhibition to showcase the talents of third semester engineering students. The programme was inaugurated by Dr. Dayananda Naik, Associate Professor, Dept. of Political Science, Mangalore University. The programme coordinator, Dr. Chandana B. R., Assistant Professor, EC Dept., PACE, Mangaluru welcomed the gathering and delivered the prelude of the

programme. Prof. Asif Raibagh, Dept. of Computer Science , introduced the chief guest to the gathering. The chief guest and the guest of honour Mr. Sharfuddin P.K., AGM (Campus), PAET, were welcomed by offering a sapling. The chief guest spoke gave the message that students must be able to develop the connectivity with society and nature, be responsible engineers and live responsibly in the society. He also encouraged students to address the societal problems and urged them to answer them by providing innovative solutions to them. He congratulated the students and asked them to be aware of rich cultural background and history of the regional places where they come from and asked them to study about culinary practices, the materials used in cooking, know its importance in ensuring a healthy food habits. The chief guest was felicitated by AGM (campus), PAET. The Vice-Principal, Dr. Sharmila Kumari, appreciated the efforts of students in showcasing their creativity and motivated them to exhibit such talents through their active participation. Prof. Ismail Shaafi, Co-Scholastic Coordinator proposed the vote of thanks. Dr. Sayyed Ameen, Dean (Student Affairs), Heads of various departments , teaching and non-teaching members were present on the occasion. Ms. Shabeeba (Dept of biotechnology) compered the programme. There were 23 stalls altogether allotted to the third year engineering students of all the departments. Mr. Mohammed Faisal, Head, CPOD and Prof. Deepthi Udayawar, Dept. of Commerce and Management were the judges for the exhibition of stalls. They evaluated based on creativity, neatness (art), presentation and background study (heritage) and presentation and healthy diet (food lore) under the three categories. The stalls were visited by staffs and students of PACE, P. A. College of Pharmacy, P. A. College of Physiotherapy and P. A. First Grade College. The valedictory programme was conducted at 3pm in the PACE auditorium. Dr. Saleemulla Khan, Principal, P. A. College of Pharmacy was the chief guest. Mr. Nihad, 3rd Semester, AIML, welcomed the gathering and compered the programme. Dr. Chandana B. R. briefed the report about the things that transpired on the SCR one day event and exhibition. The judges gave their valuable feedback on the occasion. They were felicitated by the chief guest. The students with the best presentation among the different stalls received accolade with cash prize.

The chief guest explained that the students should always be connected to their roots, regional places and adopt a healthy food style and practices. He highlighted that it's important to emphasize on local production and be away from fast food. Continuing he also said one should also know the medicinal value of the plants grown in their courtyard and increase the intake of homemade medicines to cure and to heal certain ailments. The chief guest was felicitated by Vice Principal. Prof. Nishitha (Dept. of AIML) proposed the vote of thanks. The programme was well coordinated by Prof. Asif Raibagh and Prof. Ankitha, Dept of CS, Prof Safa and Prof. Kavyashree, Dept. of Civil, Prof. Chethan and Kiran, Dept. of Mechanical, Prof . Nishitha and Prof. Mashitha, Dept. of AIML, Prof. Shabeeba (Dept. of Biotechnology) headed by Dr. Chandana B. R(Dept. of EC).

Republic Day Cricket Tournament - 2023

The department of Physical Education conducted cricket tournament for students and staffs of P A Educational Trust on account of Republic day at PACE ground on 26th January, 2023. PACE Alpha team defeated PACE staff team in the final match and lifted the trophy. Mr. Ibrahim Abdulla handed over the prizes to the winners and runners.

Editorial Board