



A Bulletin for P.A College of Engineering



AZADI KA AMRIT MAHATOSAV

75TH INDEPENDENCE DAY
1947-2022

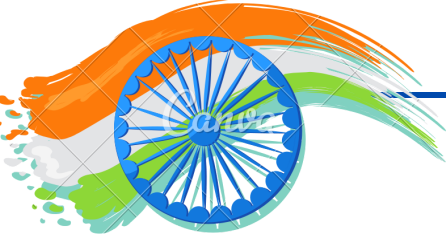
Principal's Message

On this occasion of celebration of 75th Anniversary of India's Independence from British rule, it's very happy to note that the Editorial Team, is releasing the 2021-22 Vol 1, Issue 5 of PACE LETTER, with the theme of Tiranga. As all of us are aware, that the Indian Government has taken the initiative 'Azadi Ka Amrit Mahotsav', to organize many kinds of events, and programs and give tribute to honor the history of India, its culture, and the achievements of its people. At this moment, let's all uphold the unique feature of our country, Unity in Diversity, that make us stand separate from the rest of the world. Analogous to a honey bee, who turns the nectar from various flowers of different colors and fragrance of a garden, to the most natural medicine honey, the Indian Land, on her lap, with the different cultures and religions, gives the rest of the world, the most important message of peace, harmony and understanding.

At PACE, we uphold this unique feature, and believe to carve fine human beings, with a blend of technical expertise, skills and human values. This Issue of PACELETTER, as usual showcases events and programs conducted during July 2022.

Freedom in mind, Faith in our heart, Memories in our souls. Let's salute the Nation on Independence Day!

Happy Reading....



TECH VANTAGE

INVITED TALK ON TDS UNDER INCOME TAX ACT

Centre for Management Studies and Research P.A College of Engineering Mangalore, in association with Income Tax Department organized an invited talk on “TDS UNDER INCOME TAX ACT” on 14th July 2022 at 10.30 A.M in the Multi-Purpose Hall. Mr. Abdul Shareef K M, Income Tax Officer (TDS), Mangalore was the resource person. The session was aimed at educating the tax payers about the provisions of Income Tax Act on TDS. Tax payers, Accountants, Auditors, Finance and Commerce faculty members and students were present for the session. The audience were allowed to raise questions on the topic which was followed by a discussion on the same. Dr. Sayyad Ameen Ahammad, Director CMSR. PACE appreciated the initiative taken by the officials of tax department in organizing such an informative session

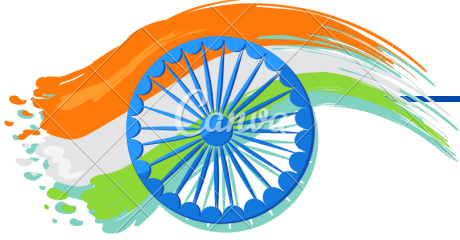


INVITED TALK ON ‘CAREER OPPORTUNITIES IN INDIAN NAVY’ BY MR. VINAYAK M KALAS

Mechanical Engineering Association (MEA) in collaboration with Alumni Association (PACE NEXT) organized an invited talk on ‘Career Opportunities in Indian Navy’ by Mr. Vinayak M Kalas, Assistant Commandant, Indian Navy, on 22nd July 2022. Mr. Vinayak is a PACE Alumnus (from 2009 batch-Mechanical Engineering) and is currently posted in ICGS Vikram Ship, New Mangalore division, India.

The resource person explained how Indian Navy could be an attractive career option for the mechanical engineers and also will be a chance to serve the Nation. Second and third year students of Mechanical Engineering were the target audience. Prof. C V Pujar, Associate Professor in Mechanical Engineering department coordinated the programme and welcomed the gathering. Dr. Prashanth Pai M, HOD – Mechanical Engineering, proposed the vote of thanks. Dr. Ramis M K, Principal, gave the presidential remarks and felicitated Mr. Vinayak in the presence of Prof. Habeeb Ur Rahman, PACE NEXT In-charge, Dr. Krishna Prasad, HoD-Biotechnology and Prof. Ismail Shaffi A M, HoD-Physics. Teaching and non-teaching faculty members of the mechanical engineering department were present during the talk.





PACE NIRMAN-MINI PROJECT COMPETITION AND EXPO

PACE NIRMAN, Mini Project competition and Expo was organized by ISTE PACE chapter in association of IEEE, IEI and CSI PACE chapter on 22nd July, 2022. The contest was open to all third year undergraduate engineering students. A total of 95 project groups from BT, CSE, EC, EE, CV AND ME departments exhibited their mini projects. Team of Dr. Mohammed Ismail, Prof. Delsy Dsouza, Prof. Sayyed Saadullah, Dr. Abdul Hayan, Prof Mohammed Elyas, and Prof. Prashanth S. P. evaluated the project works.

The valedictory function was held in E-learning centre at 3.00 PM. Prof. Shainy Mathew, Department of Biotechnology welcomed the gathering. Dr Mohammed Ismail, Associate Professor Kannur University who was the chief guest motivated the students to take up real time projects and up skill themselves with latest skillsets. In his presidential remarks Principal, Dr. Ramis M. K., encouraged the students to carry their internships in emerging technologies and up skill themselves for core placement opportunities.

The winners were felicitated in the program by the chief guest and external judges. Dr. Sharmila Kumari, Vice principal PACE, Heads of various departments, External judges were present during the event. Pro Nishitha, from Electrical Engineering department proposed vote of thanks and the program was compiled by Mr. Mohideen Nazim.

INVITED TALK ON “FREE OPEN SOURCE SOFTWARE: ITS USES AND OPPORTUNITIES”

The Department of Training & Placement, P. A. College of Engineering, in association with Computer Society of India and GLUG organized an invited talk on “Free Open Source Software: Its uses and Opportunities” by Mr. Mohammed Kasim Khan, Project Manager National Mission of Education through ICT, Ministry of Education, Govt. of India, IIT Bombay for students of 2nd year Engineering at PACE on 23/07/2022 at 3pm in Multipurpose hall. Dr. Ramis M. K., Principal, Dr. Sharmila Kumari, Vice Principal, Prof. Hussain, TPO, Department Faculties, Training and placement executive were present during the program.

The program started with the prayer by Prof. Saifuddin. Prof. Nishanth Narayan from the department of CSE welcomed the gathering. The Principal Dr. Ramis M. K. introduced the speaker and gave the introductory remark.

Mr Mohammed Kasim Khan in his interaction explained the various Free Open Source Software, Open Source methodologies, case studies with real life examples. He also urged the students to use the open source software and avail the benefit of it. He put forth various Internship opportunities provided by IIT Bombay for the students across the country. Students also interacted well in the program. The program was well received by the crowd. Prof. Mohammed Hussain proposed Vote of Thanks. Prof. Ankitha from the department of CSE mastered the ceremony.





IITB DELEGATE VISITS PACE

Mr. Mohamed Kasim Khan, Project Manager, National Mission on Education through ICT, (NMEICT), Ministry of Education, Government of India, Indian Institute of Technology, Bombay, interacted with Heads of Institutions/Departments of PAET Institutions, on 23rd July at 2:45 PM in Board Room. The key points of discussion were on Initiating NMEICT based projects for the betterment of student community and teaching fraternity at PACE, Research collaboration with lab(s) at IITB, Customised Internship possibilities for PACE students at IITB, Exploring funding agency prospects, Identifying the areas where PACE can contribute to the various research activities at IITB, with a focus on the geographical data of Coastal Karnataka.



VINAYAK M KALAS, ASSISTANT COMMANDANT VISITED PACE

Mr. Vinayak M. Kalas, Assistant Commandant, Indian Navy visited P. A. College of Engineering, Mangalore on 22nd July, 2022.

He interacted with the 3rd year students of Mechanical Engineering department and addressed them on recruitment procedure of Indian Navy.

He is currently posted in ICGS Vikram Ship, New Mangalore division and is PACE Alumni from 2009 batch.

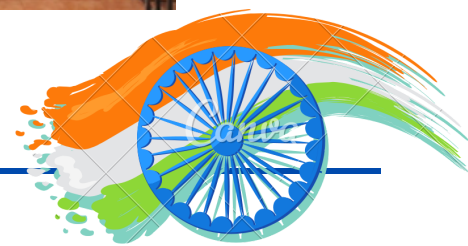
He was also honoured by PACENEXT Alumni Association.



E-BICYCLE DESIGNED BY MECHANICAL ENGINEERING STUDENTS ENTERS THE SECOND ROUND OF STATE LEVEL PROJECT EXHIBITION 'SRISHTI 2022'

A project team of final year mechanical engineering students (Mr. Mahammad Azwin, Mr. Rifaz Ahammed B, Mr. Samjeed and Mr. Shiek Aftab Davood) has designed and fabricated an E-Bicycle under the guidance of Prof. C V Pujar, Associate Professor in the Mechanical Engineering department. The project was aimed to increase the speed of the bicycle and use a battery technology to obtain higher efficiency for single charge. Users of the E-bicycle can take the advantage of reduced maintenance, improved efficiency, reduced heat and noise. The project uses brushless DC motors, Lithium-ion battery, electric controllers, pedal assist speed sensor, etc. for its operation.

The project bagged the second place in the department level project exhibition 'KAUSHAL' held at P.A. College of Engineering, Mangalore, under the banner of ISTE-PACE Chapter and selected as the best project out of the 12 projects identified at the institute level for the 'Financial Assistance for Final Year Students Innovative Projects Scheme 2022' of VTU Belagavi. The project was nominated to the VTU supported State Level Engineering Students Project Expo (Srishti 2022) based on IR4/Idea and Business Pitch/Hackathon held at BMS College of Engineering, Basavanagudi, Bangalore, from 25th - 27th July 2022. The project received a good response and appreciation from the visitors and the evaluators in the first round of the expo. The project was also selected for the second round along with the other limited number of projects identified in the area of automobile/e-vehicles





CAMPUS HIGHLIGHTS

FLAMES - 2022

Centre for Management Studies and Research, P. A College of Engineering organized “FLAMES-2022” a National level UG fest on the theme “Resilient Mind” on 25th July 2022 at PACE campus. The fest started off with an inaugural ceremony presided by Dr. Ramis M K. Chief guest Mrs. Gayathri R , Zonal Head, Bank of Baroda, Mangalore zone has inaugurated the function and, in her address, she urged the importance of imparting entrepreneurship-oriented education to the students. Mr. Sanjay S Walli, regional Manager Bank of Baroda, Derek Ajith, Bank of Baroda, Mr. P. A. Zubair Ibrahim, Trustee, P. A. Educational Trust, Mangalore, Mr. Sharfuddin P. K, AGM(Campus) P.A Educational trust were guests of honor. It was also an occasion to felicitate Dr. Zoheb Ali K who has successfully submitted his Ph.D. thesis.

The fest had various management and cultural events. The fest had given a chance for more than 400 students from various colleges to exhibit their talent and skills in both management and cultural activities. The valedictory function was graced by the presence of Principal Dr. Ramis M. K., who congratulated the organizing team for the initiative and success of the fest. Certificates with cash prizes and trophies were handed over to all price winners of various events. St. Philomena’s College, Puttur was announced as the champions while S DM College of Business Management followed as runners up.



Planted Bio-diversified Saplings

The Agricultural Department Bantwala in association “Environment Cell” and “Young Farmers Club”, P. A. College Of Engineering Mangalore, planted bio-diversified, saplings on 21st July, in PACE Campus.

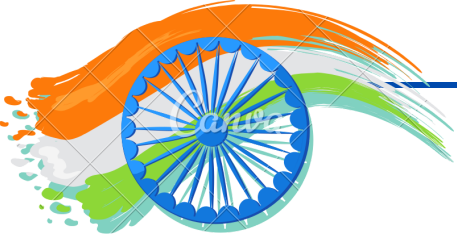
The Officials from Department of Agriculture, Bantwala, Dr. Ramis M. K., Principal PACE, Prof. C. V. Pujar, Professor in Charge Environment Cell, Mr. Haseed, Young Farmers Club Coordinator were present at the venue.



Release of PACELETTER Vol.1 Issue 3

The 2021-22 Academic Year, Vol. 1, Issue 4, of PACELETTER, a bulletin for P. A. College of Engineering was released by principal Dr. Ramis. M.K., on 19th July, 2022 in the Edu-Sat Hall. Vice Principal Dr. Sharmila Kumari, Editor Ms. Michelle D’souza, Heads of various departments, faculty members and third year students were present.





SPARK-22

P.A College of Engineering Mangalore, Department of Training and Placement in association with ASCII and CSI conducted SPARK-22, a multi-disciplinary program for 2nd year engineering students of PACE with four events such as Technical Workshops, Booths, Poster Making Competition and Project exhibition on 28th July, 2022.

Technical Workshop

The program started with technical workshops led by Mr. Rabeeh T.A, Mr. Muadh and Mr. Shakeel with title Progressive Web Application, Artificial Intelligence, and Metaverse and Block chain technologies, respectively.

Linux and Competitive Booths

The workshop was followed, with Booth Sessions, namely the Linux Booth and Competitive Programming Booth, led by the dynamic Second Year CS team comprising Mr. Nouman, Mr. Rabeeh, Mr. Rifaz Ali, Mr. Sanad, Mr. Muadh and mentored by Mr. Faheem, of third year.

The Competitive Programming booth introduced students to the competitive programming field. The Linux booth gave a brief on what are operating systems, kernels, the history of Linux and an introduction to different Linux distributions. They displayed 10 famous Linux distributions installed on virtual machines to give students 12 strong reasons to switch to Linux.

Poster Making Competition

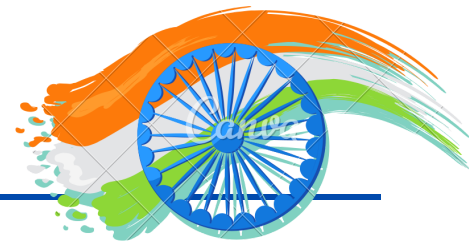
A Poster Making competition was conducted based on a topic "I want to do my final year project on And why?". Keerthana from Biotechnology department got first prize and Nidhi, Thasfiya, Nusaiba from Electronics and Communication Engineering department received second prize for the Poster Making Competition.

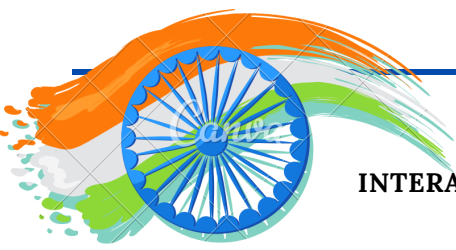
Project Exhibition

Project Exhibition was further conducted to demonstrate the students pet projects (robots, web sites, web apps, IOS/Android Apps, etc.). For project exhibition the team of Minooha, Mehek and Fida of Biotechnology department got first prize and the team of Nidhi, Thasfiya and Nusaiba from Electronics and Communication Engineering department received second Prize.

Valedictory Program

The SPARK -22 Program concluded with valedictory function. Mr. Rohit Pai (Delivery Manager, Infosys, Mangalore) was the Chief Guest and Keynote Speaker. He talked about the IT Sector: Its evolution & Preparedness for Future. He also advised that "there is a large number of opportunities around. Improve your skill sets and make use of every opportunity and take a chance to show case yourself. Learning is there in everything and what you learn will fetch you in some or the other places. Keep learning from whatever chance you get". Dr. Ramis M. K., Principal PACE, highlighted the importance of skill along with academic excellence. The winners and runners of the competitions were honored with cash prize, mementos, and certificate. Mr. Sharafudheen P.K (AGM-Campus, PAET) was the guest of honor. Dr. Sharmila Kumari (Vice Principal PACE), Prof. Mohammed Hussain (Training and Placement Officer, PACE), Heads of various department, Teaching and non-teaching staff, Students of various department were also present for the program. Prof. Abdul Majeed K.M and Prof. Nishant N of Computer Science department were the Staff Coordinators and Mr. Nouman and Ms. Rifah were the Students Coordinator of SPARK-22. Mr. Nihal of Mechanical Engineering Department welcomed the gathering, Ms Irfana of Biotechnology department proposed vote of thanks. Ms. Shabnaz of Computer Science and Engineering compeered the program.





INTERACTIVE SESSION ON PLACEMENT DRIVES FOR 3RD YEARS

The Department of Training & Placement of P.A College of engineering organized a program for all the 3rd year BE students to interact about Training and Placement activities on 19th July, 2022.

The program was conducted with a view to give company specific training for companies like TCS, INFOSYS, WIPRO and CAPEGEMINI etc. to make them prepared to face the interview.

Principal Dr. Ramis M. K. addressed the students. He spoke about the different opportunity and conveyed 'Never lose an opportunity from your hands', make best use of it as it will help and reward your career further at greater heights. He also insisted everyone to prepare in a best possible way and to do a particular task in a unique way such that it increases the efficiency of solving that particular problem. He ended with best wishes.

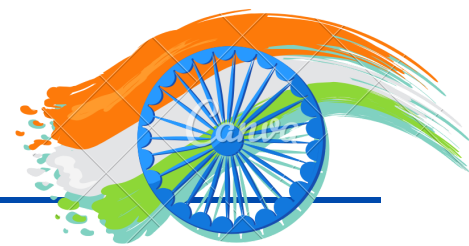
Final year students Mr. Nayef Ahamed is placed in TCS, Mr. Saad Ahamed Mirani is placed in Infosys, Mr. Denzin, placed in Karmic Design and Mr. Shaheed Shameez placed in Saseken, Linkdots, Tayana Software, Brigosha Technologies shared their experience and gave important tips to face the upcoming placement drives.

A total number of 180 students participated the program. Principal, Vice Principal, HoDs, and Faculty Members were present.

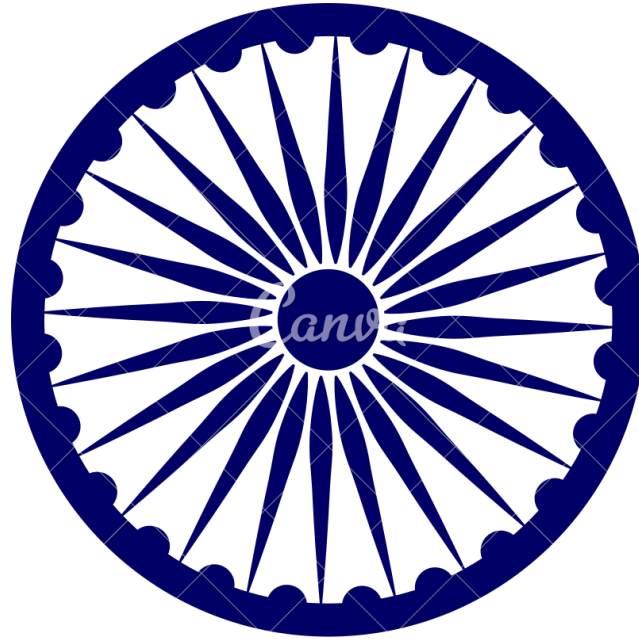


Prof. Zoheb Ali defended his Ph. D thesis

Professor Zoheb Ali K has successfully defended his Ph.D. open Viva Voce of thesis entitled "A study on Customer Perception about Service Quality in Hospitals of Dakshina Kannada District" on 12th July 2022, at PACE Research Centre. He had submitted his thesis under the guidance of Dr. Rashmi Kodikkal. Dr and Ms Savitha Basri, of Manipal University was the external examiner. The research scholar Professor Zoheb Ali K. presented the sailent features of his Ph. D work. This was followed by the questions from the audience and examination panel members. Based on the scholar's research work, his presentation and also the clarifications and answers given by the scholar to the questions, the panel recommended that Professor Zoheb Ali K be awarded the degree of Doctor of Philosophy.



**You must be the change you want to see in the world"-
Mahatma Gandhi**



**"May we think of freedom, not as the right to do as we
please, but as the opportunity to do what is right"**

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