

# PACE LETTER

*A Bulletin for P.A College of Engineering*

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## WHAT'S IN THE BULLETIN?

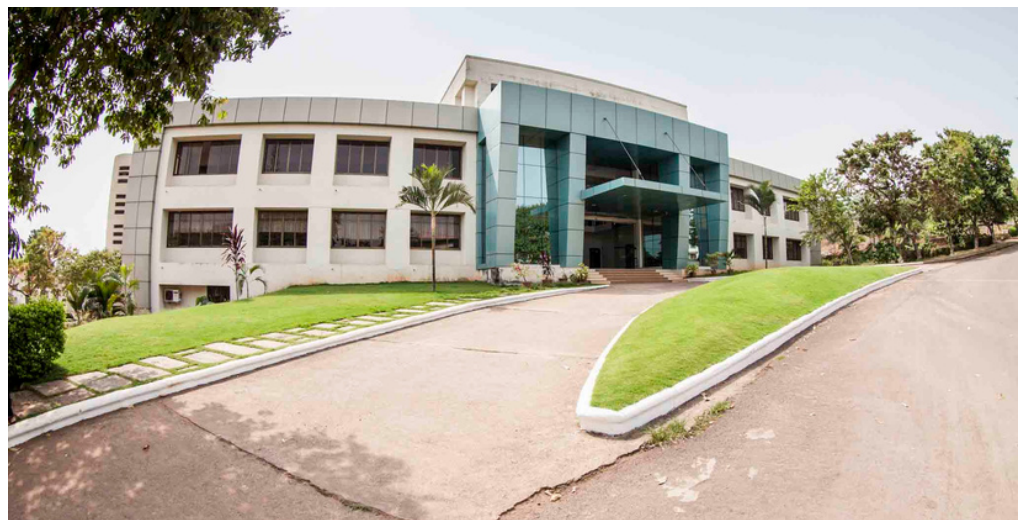
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P.A. College of Engineering (PACE) was established in the year 2000 under the aegis of PAET, with an aim to provide a career-oriented professional education and to produce technically competent engineers with moral and ethical values. The institution 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,

November is the sacred warrior and acts as a mirror to remind us that we are fighting the real battles with ourselves. As a reflection of ourselves and our views about others, there seems a fine line about perception. May we all perceive the world around us as it is.

Delighted to release the eight issue of this academic year, bringing you warmth and joy of the season, while remembering our goals ahead of us. Here's a brief overview about the activities in our college, while we are happy to share that our First Year Students for the Academic Year 2022-23 have joined the family of PACE.

**Ms Michelle D'souza**

# TECH VANTAGE

## TECHNICAL TALK: E- MAIL ETIQUETTE

The Institution of Engineers (India) Students Chapter, FORCE (Fraternity of Rising Civil Engineering) of P. A. College of Engineering, in association with the Association of Consulting Civil Engineers (India), Mangalore Center, and RAMCO Cement Limited, conducted a technical talk on "E-mail Etiquette" on 18th October, 2022. The resource person was Dr. Ganesh Magaveer, Professor and Head, Department of Civil Engineering, MITE, Moodbidiri.

Dr. Palakshappa K, HOD, Civil Engineering, PACE, stressed effective communication and how e mail can be used for communication. The resource person, Dr. Ganesh Magaveer, highlighted the importance of e-mail etiquette to be followed in effective communication. He also motivated the students by emphasising the scope and importance of civil engineering in the present and future.

Prof. Chetan K and Prof. Safa Sana coordinated the program. The students of VII semester, Ms. Ayashath Sana introduced the resource person, and Ms. Absana rendered the welcome speech and master of ceremony of the session. All the students and staff members of Civil Engineering participated in the programme.



## TECHNICAL TALK - AIRPORT ENGINEERING

The Institution of Engineers (India) Students Chapter, FORCE (Fraternity of Rising Civil Engineering) of P. A. College of Engineering in association with the Association of Consulting Civil Engineers (India), Mangalore Center, and RAMCO Cement Limited conducted a technical talk on Airport Engineering on 18th October, 2022. The resource person was Dr. Ajith Hebbar, Professor and Head, Department of Civil Engineering, Alvas Institute of Engineering and Technology, Moodbidiri.

Dr. Palakshappa K, HOD, Civil Engineering, PACE, emphasized the importance of organizing, conducting, and participation of students in technical talks to update them on the latest trends in civil engineering and to fill the curriculum gap. The resource person, Dr. Ajith Hebbar, highlighted the various components of civil engineering in airports and also narrated about types of aircrafts their design and air travelling procedures.

Prof. Chethan and Prof. Safa Sana coordinated the program. The students of VII semester Ms. Mohammad Sajad Shafi, introduced the resource person and Ms. Absana rendered welcome speech and master of ceremony of the session. All the students and staff members of Civil Engineering participated in the programme.



## TECHNICAL TALK: ERA OF SUSTAINABLE DESIGN & AUGMENT REALITY



The Institution of Engineers (India) Students Chapter, FORCE (Fraternity of Rising Civil Engineering) of P. A. College of Engineering, in association with the Association of Consulting Civil Engineers (India), Mangalore Center, and RAMCO Cement Limited, conducted a technical talk on "Era of Sustainable Design and Augmented Reality " on 19th October, 2022. The resource person was Dr. Raghavendra Holla, Associate Professor, Civil Engineering, MIT, Manipal.

Dr. Palakshappa K, HOD, Civil Engineering, PACE, emphasized about sustainability of natural resources and sustainable design. The resource person, Dr. Raghavendra Holla, highlighted the importance of sustainability in the construction industry in the present era and the need of using the augment reality for sustainable design and construction.

Prof. Safa Sana and Prof. Chetan K coordinated the program. The students of V semester Ms. Mariyam Aleena, introduced the resource person, and Ms. Fathimath Hana rendered the welcome speech and master of ceremony of the session. All the students and staff members of Civil Engineering participated in the programme.

## TECHNICAL TALK: STRUCTURAL HEALTH MONITORING

The Institution of Engineers (India) Students Chapter, FORCE (Fraternity of Rising Civil Engineering) of P. A. College of Engineering, in association with the Association of Consulting Civil Engineers (India), Mangalore Center, and RAMCO Cement Limited, conducted a technical talk on "Structural Health Monitoring" on 19th October, 2022. The resource person was Dr. Shaik Kabeer Ahmed, Professor, Civil Engineering, MMAMIT Nitte.

Dr. Palakshappa K, HOD, Civil Engineering, PACE, emphasized the need, scope, and importance of structural health monitoring. The resource person, Dr. Shaik Kabeer Ahmed, elaborated on the saga of civil engineering planning, design, construction, etc., and highlighted the reasons for various stable and failed structures in civil engineering. He pointed out the importance of structural health monitoring with the latest sensors and technology and its future scope.

Prof. Safa Sana and Prof. Chetan K coordinated the program. The students of V semester Ms. Fathimath Hana, introduced the resource person, and Ms. Mariyam Aleena rendered the welcome speech and master of ceremony of the session. All the students and staff members of Civil Engineering participated in the programme.



## WORKSHOP ON FRONT END DEVELOPMENT USING REACT JS

The workshop on front-end web development using React JS was conducted to educate students from various branches about the benefits of React JS compared to vanilla JavaScript. The workshop covered how websites worked and basics of HTML, CSS, JavaScript and React JS. There were nearly 50 participants throughout the workshop. Over 60+ participants were present and could learn to code along with the resource person using websites like codesandbox.io and have a better understanding of React JS.

The resource person of the workshop was Mohammed Shahid Rizwan, the co-founder of Exoqon Web Solutions and Technologies. He is also certified in Digital Marketing and programming in C++.



## MEA IN COLLABORATION WITH ISTE-PACE CHAPTER ORGANIZES AN INVITED TALK ON 'SOLAR PHOTOVOLTAIC TECHNOLOGY'

Mechanical Engineering Association (MEA) in collaboration with ISTE-PACE Chapter has organized an invited talk on "Solar Photovoltaic Technology" by Mr. Vittal Bhat M, Assistant Professor, Department of E&C Engg., PACE, Mangalore, on 24th November 2022 in Lecture Hall-18 of Mechanical Engineering Department. In his session Mr. Bhat highlighted the importance of renewable energy sources to reduce carbon footprints. The key points of discussion include-solar energy as an effective source of power generation using photovoltaic technology, connection of solar panels in different configurations to obtain the desired output and site survey prior to the installation of solar panels.



Dr. Prashanth Pai M, HoD-Mechanical Engineering, welcomed the gathering. Prof. C V Pujar, Associate Professor, Department of Mechanical Engineering, spoke about the involvement of students in organizing various activities under the banner of MEA and various clubs of the department. The teaching/non-teaching faculty members and the students of ME department were the target audience. Prof. Maruthi Prashanth B H, MEA and ISTE Coordinator, compered the programme and also proposed the vote of thanks.

# CAMPUS HIGHLIGHTS

## FIRST YEAR INTERNSHIP REPORT



The Department of Training and Placement conducted Internship Program under the schedule & details of **21INT36 of Mandatory Three Weeks Intra/Inter Internship between II and III Semester students of PACE**. The entire program was conducted in three phases. Phase 1 commenced on 11th Oct 2022 to 17th Oct 2022 from 9.00 am to 4.00 pm. The content includes:

1. Coding/Technical Skills Enhancement by Prof. Abdul Majeed.
2. Soft Skills Enhancements by Mr Mohammed Faizal.
3. Information & Communication Technology (ICT) Skills Enhancements by Dr. Abdul Khader A A.

The students were divided into three clusters. The sessions were conducted under the supervision of faculty and attendance of the students was recorded. The students were instructed to record in the daily training diary, the day to day account of the observations, impressions, information gathered and suggestions given and activities carried out. Certificate was issued upon the successful completion of the Phase 1.

Phase 2 commenced on 18th Oct 2022 to 20th Oct 2022, on Web Development using HTML, CSS and JavaScript by Mr. Sayed Arkan for the registered students at PACE Campus. Total 76 students participated in Phase 2. Other students participated in the program conducted by the respective department. Upon successful completion certificates were issued.

Phase 3, the students were permitted to undergo a minimum 1 week Internship in any domain under the supervision of mentors.



## THE NEXT STEP 2 WEBINAR FOR THE STUDENTS OF COMPUTER SCIENCE ENGINEERING IN THE PACE CAMPUS

To promote dream job opportunities among the students, Centre for Professional and Organization Development (CPOD) organized THE NEXT STEP 2 webinar for the students of Computer Science Engineering in the PACE campus multi purpose hall on 2nd November 2022 .

Students who would like to enhance their technical proficiency to try their hands on the fortune 100's was invited to this event more than 60 students joined the program.

The event was felicitated by Dr Surfaraz J Hashim – Principal (PAFGC) ,who highlighted the importance of achieving a job in big corporations and shared the importance of learning from the industries for their career achievement.



Dr Surfaraz J Hashim invited the guest speaker Mr Mehul Haran - Senior Software Engineer (Microsoft) , Who has a decade experience working with the companies like Samsung, Amazon and Microsoft.

The speaker shared a lot of insight on enhancing technical skills and tips to prepare for the various selection process. Students put forward number of questions which showcased their interest. The speaker addressed all the questions to bring a better understanding on the process and motivated the students to look forward for a career in the product based companies.

The session was concluded with a vote of thanks by Mr Faizal - Head (CPOD).

### KANNADA RAJYOTSAVA CUP 2022

On account of Kannada Rajyotsava, the department of Physical Education organized a cricket tournament on November 5, 2022. The staff team secured the runner-up trophy, and the winners were the Hawkins PACE Team. During the prize distribution, Dr. Sayyed Ameen, Dean (SA), Prof. Mohammed Hafeez, Prof. Mohammed Saleem, and Mr. Faisal were present.



### MASTER BRAIN QUIZ CONDUCTED BY IEEE PACE STUDENT BRANCH



Master Brain is a quiz competition that is divided into 3 rounds. Each round consists of around 15 questions and the questions in each round target different domains like General Knowledge, Current affairs, etc. After each round, half of the participants are eliminated and in the final round the three participants with the highest score wins. Winners are provided with a memento and certificate. This event was hosted on the Kahoot website, that specializes in hosting quiz competitions.

## FIRST YEAR INDUCTION PROGRAM 2022 BATCH - 1ST SEM

P.A College of Engineering welcomed the First Year Students of the Academic Year 2022-23 on 9th November 2022. The students along with their parents gathered in the Edusat Hall for the Induction Programme to be held from 9 -16 November 2022.

Introductory Session was briefed by Mr Ismail Shaffi, Hod, Department of Physics and Coordinator Co-Scholastic Activity PACE. In his Introductory speech he welcomed the parents and students and congratulated students for opting Engineering course in PA college of engineering and briefed the history of the college, procedure for the day along with faculty introduction.



The students were split up into 2 groups for various sessions to be held thereafter from 09/11/2022 to 16/11/2022

### Day 1: 9/11/2022

The session for group 1 was taken by Mr Vittal Bhat, Assistant Professor, Department of Electronics & Communication, PA College of Engineering on the topic 'Self Awareness'

The session for group 2 was taken by Ms Michelle Dsouza, Assistant Professor, Department of English, PA College of Engineering on the topic "Building Communication Skills".

The afternoon session was dealt by Dr Surfraz J Hasim, Principal, P.A Degree College on 'Mind Engineering' and Universal Human Values by Dr Chandana, Department of Electronics & Communication, PA College of Engineering.

180 students actively attended the Induction programme and were enthusiastic about the fresh academic year and the tasks that will laid down for them in the coming days.

### DAY 2: 10/11/2022

The morning session was taken by Mr Aboobacker Shameez, Co-Founder of "Oh harvest Ohsoul, and alumini of PA College of Engineering on the topic 'What makes an Entrepreneur', Ms Michelle Dsouza, Assistant Professor, Department of English, PA College of Engineering on the topic 'Building Communication Skills' and by Dr Surfraz J Hasim, Principal, P.A Degree College on 'Mind Engineering'

After noon session was taken by Mr. Faisal, head- Centre for professional and organizational development PACE on Soft Skills and an activity on Micro bit conducted by Embedded club Pace by Shabnaz 3rd year CSE .

Mr Aboobacker Shameez, Co-Founder of "Oh harvest Ohsoul, and alumini of PA College of Engineering on the topic 'What makes an Entrepreneur'

Micro bit activity conducted by Embedded club, Pace by Shabnaz 3rd year CSE .

### DAY 3: 11/11/2022

The morning session was taken by Dr. Sayyad Ameen Ahammad Dean Student Affairs and Director MBA on the topic leadership skills., Mr Vittal Bhat, Assistant Professor, Department of Electronics & Communication, PA College of Engineering on the topic 'Self Awareness'.

After noon session was taken by Dr. Abdul Khader, former Principal, KPT on on the topic Self-Analysis and study skills

Dr. Abdul Khader, former Principal, KPT on on the topic Self-analysis and study skills

Dr. Sayyad Ameen Ahammad Dean Student Affairs and Director MBA on the topic Leadership Skills

**DAY 4: 12/11/2022**

Session was taken by Mr Shameer Syed, Senior Manager, Del Technologies Bangalore presented and interacted on the topic 'Being Curious by narrating his own journey from academic to corporate ,how curiosity towards English as a language and computers as a subject turned his life.

Mr. Sheikh Moidin K.M General Manager Expertise contracting Co.ltd delivered a talk on how an Engineer can become successful Engineer



**DAY 5: 14/11/2022**

To explore the talents of students Talent hunt was conducted on 14th November morning session which includes pick and speak, mehendi, collage, wealth our of waste . pencil sketch, calligraphy.

Glug club member Mr. Shakeel Ahammed of 3rd CSE conducted a session on Metaverse-a virtual world.

Dr. Abdul Khader, former Principal, KPT on on the topic critical thinking and examinations



**DAY 6: 15/11/2022**

The morning session was taken by Dr. Sayyad Ameen Ahammad Dean Student Affairs and Director MBA on the topic leadership skills., Dr. Rashmi Kodikal , Professor, Graphic Era university, Deharadun, spoke on Stress Management by Art therapy.

After noon session was taken by Mrs. Rasheeda Banu , Assistant Professor P.A first Grade College on the topic Social Commitment, , Ms Michelle Dsouza, Assistant Professor , Department of English, PA College of Engineering on the topic Emotional Intelligence

Ms Michelle Dsouza, Assistant Professor , Department of English, PA College of Engineering on the topic Emotional Intelligence



**DAY 7: 16/11/2022**

The morning session was taken by Mrs. Rasheeda Banu , Assistant Professor P.A first grade College on the topic Social Commitment, , Ms Michelle Dsouza, Assistant Professor , Department of English, PA College of Engineering on the topic Emotional Intelligence

Afternoon session Dr Chandana, associate professor Department of Electronics & Communication, PACE spoke on Universal Human Values

As a token of our appreciation mementos were presented to all the resource persons who joined their hands for the successful completion of first year induction program 2022-23





## VALEDICTORY OF FIRST YEAR INDUCTION PROGRAMME

The valedictory programme of the first year induction programme for the Academic Year 2022-23 was held on 17 November 2022 in the E Learning Centre

The dignitaries present were Dr Ramis M K, Principal , Dr Sharmila Kumari, Vice Principal, Dr Mitra K , Hod, Dept of Mathematics, Mr Abdul Majid, Hod First year, Mr Ismail Shaffi Hod , Department of Physics, Dr Mohammed Ismail, Hod, AI&ML and Mr Mohammed Faizal ,Hod CPOD.

The report of the Induction programme was read by Mr Abdul Majid and students were addressed on Off Campus Induction programme by Mr Mohammed Faizal.

Ms Shri Gowri, Trainer from Spoken Tutorials ,IIT,Bombay spoke to the students regarding the importance of language of English and briefed them about the courses they offer.

The principal addressed the students regarding off campus induction program directed by VTU for the overall development of the students. He urged them to visit orphanage's, old age homes, hospitals to contribute to the society as a value of concern and social service.

Prizes for students were distributed for the activities organized during Talent Hunt.

Students were asked to fill in their feedback forms and winded up the programme with instructions for the upcoming semester.

## Editorial Board

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Ms Michelle D'souza Editor P.A College of Engineering

Mr Mohammed Faizal N. Member, P.A College of Engineering

Mr Mohammed Hussain, Placement Officer

Ms Heena, Department of Placement and Training.



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