



Our Patrons : Pimpri Chinchwad Education Trust

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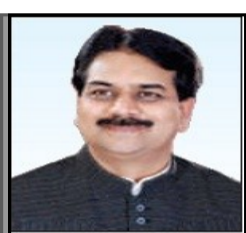
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Samvaad Editorial

Dear Members of PCCoE Family,

Nurturing creativity and inspiring innovation are two of the key elements of a successful education and a college magazine or newsletter is the perfect amalgamation of both.

College newsletter will amply demonstrate the technical competence, communication skills, poetic prowess, imagination, creativity, and humor.

Hence as per the suggestion of our honorable Director Sir Dr. G. N. Kulkarni, We members of 'Newswire Committee' of PCCoE in initiation of Quality Assurance Team, have launched "**Samvaad**" a monthly e-Newsletter of PCCoE, since April 2021. Now from January 2024 we have included students committee also in the core team and presenting before you this reframed version of "**Samvaad**" with separate logo. **Thank you so much for all your help, support and publicity at your individual level.**

Article: Urbanization's Toll on Indian Cities: A Call for Sustainable Development

Unchecked Growth, Land-Use Changes, and Flood Risks in the City of Lakes: Hyderabad, once celebrated as 'the City of Lakes,' is grappling with the aftermath of rapid urbanization, leading to significant alterations in its land-use pattern. The impact of this transformation has not only altered the city's landscape but has also increased the risk of urban flooding, a phenomenon exacerbated by the surge in population and climate change.

Over the past two decades, Hyderabad's population has surged, growing at an average rate of 3.46%. This has placed immense pressure on land use, resulting in unchecked expansion and the disappearance of many natural features that once defined the city. A comprehensive study examining land-use changes from 1972 to 2013 highlights the extensive transformation of city, turning water bodies, drainage paths, and fertile lands into a sprawling built-up environment.

Satellite imagery reveals a stark reality – the once-interconnected lakes of Hyderabad have dwindled, and natural streams crucial for the city's floodwater management have vanished due to encroachments and unregulated urbanization. The loss of these water bodies disrupts the historical 'cascade system' that connected lakes through a network of natural drains, designed to carry floodwater from one lake to another.

A closer look at the alarming trend shows the extent of encroachment in lake command areas from 2001 to 2020, captured by Google Earth projections. Lakes have witnessed a significant reduction in area due to massive encroachments, leading to visible impacts during recent flooding events. The October 2020 flood event, though less severe than the catastrophic August 2000 event, showcased an 8.42% increase in flooding extent, causing substantial damage to property and human life.

The flood events in Hyderabad are a culmination of climate change, alterations in rainfall patterns, uncontrolled urbanization, and changes in land use driven by anthropogenic activities. As urbanization and climate change continue to intertwine, the threat of urban flooding and its associated damage looms larger in the foreseeable future.

To combat these challenges, a paradigm shift in urban planning is imperative. Implementing flood-mitigation measures, revitalizing natural wetlands, upgrading storm sewer drainage systems in alignment with future population projections, and adopting nature-friendly engineering solutions must become integral parts of smart-city planning. Strict regulation of urbanization, coupled with robust stormwater drain systems, is essential to address the increasing population and prevent further environmental degradation.

Rejuvenating water bodies and streams is crucial to absorb excess flow during the monsoon season. Stricter regulations against the encroachment of water bodies must be enforced, and satellite imagery, alongside geospatial technologies and hydrological models, can play a pivotal role in assessing and planning mitigation measures.

In conclusion, Hyderabad stands at a crossroads, where the path to sustainable development must be chosen over unbridled urbanization. The City of Lakes can regain its identity and resilience through a holistic approach that prioritizes environmental conservation, smart planning, and the integration of innovative solutions to mitigate the impact of urbanization on land-use changes. The time to act is now, ensuring a harmonious balance between urban growth and environmental preservation.



Dr. Rangari V. A., Assistant Professor, Civil Engineering Pimpri Chinchwad College of Engineering, Pune

*** Team Samvaad ***

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PCCoE iMACE 2023 and ICCUBEA 2023.....Inauguration

7th International Conference on Computing, Communication, Control and Automation (ICCUBEA 2023) and 2nd International Conference on Innovations in Mechanical and Civil Engineering (iMACE 2023) was organised on 18th and 19th August 2023. The Chief Guest for the conference was **Dr. Suresh Gosavi**, Vice-Chancellor, SPPU, Pune and Guest of Honour **Shri. Anil Datar**, Ex-Director ARDE, DRDO, Min. of Defence, Govt. of India were present and addressed the gathering along with Dr. Surekha Deshmukh, Chair, IEEE Pune Section and Dr. Manohar Chaskar, Dean-Faculty of Science & Technology, SPPU, Pune. **Dr. Govind N. Kulkarni**, Director, PCCoE, Felicitated the guests. Dr. Kishor Kinge, General Chair ICCUBEA and Dr. Ajay Gaikwad, General Chair iMACE briefed about the International Conference. Dr. Santosh Sambhare, Co-General Chairs ICCUBEA given the vote of thanks at the end. Mr.Praful Shinkar and Mrs. Anjali Shrivastava anchored the program. There were total 1280+ and 282+ papers were submitted in ICCUBEA and iMACE respectively. There were four Plenary sessions on Day 1 and four Keynote sessions on Day 2 of the conference. The special guest for the conference were Dr. Katia Vutova, Bulgarian Academia of Science, Bulgaria, Dr. Dr. Dinesh Amalnerkar, Emeritus Professor, Department of Technology, Savitribai Phule Pune University, Pune.



PCCoE iMACE 2023 and ICCUBEA 2023.....Valedictory

Valedictory of the International conferences ICCUBEA 2023 and iMACE 2023 was on 19/08/2023, the Chief Guest for the event was Shri. Dr. Deepak Phatak, Emeritus Professor, IIT Bombay, Guest of Honor Dr. Prasad Shete, Executive Vice-President, Capgemini Engineering, India, along with other guests as Shri. Nilesh Adkar, Henkel (I) Pvt. Ltd.; Mr. Abhijit Khurape, Secretary, IEEE Pune Section; Dr. Vivek Deshpande, IEEE Pune Section. Dr. N. B. Chopade, Dy. Director Felicitated the guests. Dr. S. B. Matekar and Dr. R. Phursule presented the distinct findings of the conferences and vote of thanks by Dr. A. K. Gaikwad.



PCCoE Machine Maker Event

Being 75 years of independence of India, '75 Years | 75 Innovations', was the theme of the event organized in association with **Machine makers** and PCCoE, Nigdi, Pune on 18th Aug'2023, under "AZADI ka Amrit Mahotsav".

The Initiative

1. Identifying and highlighting pathbreaking innovations – standard products enabling Make in India – Achievements@75
2. Bringing the future of manufacturing through showcasing 75 Startups & Incubators in India
3. Create awareness about industry academia synergy to build industry ready workforce, and the importance of Upskilling
4. Bringing the mega minds of India together on a large Scale, and to generate industry inspirations

Future of Manufacturing Incubators with 75@Startups

#startups@75

Over 50,000 startups registered since 2016. Significant contributions in renewable energy, electric vehicles, 3D printing, robotics, and automation

100+ AICs fostering startups in manufacturing. Many state governments established successful Incubation Centres

Science and Technology Entrepreneurs Park (STEP) Provided technical and business support leading to innovative manufacturing processes and products

Incubators at Academies fostered startups developing EVs, renewable energy solutions & advanced manufacturing technologies

Why Manufacturing?

- Economic Growth**: Stimulate investment, create job opportunities, and generate revenue. A strong secondary sector contributes to a robust and thriving economy. Supports regional development.
- Value Addition**: Turn raw materials into finished goods. Maximize the potential of our resources and create products that meet domestic and international demand.
- National Security and Self-Reliance**: Reduce dependence on foreign sources during times of crisis, meet our own needs and strengthen our resilience as a nation.
- Technology & Innovation**: Enhances productivity and enables the creation of high-value products and services.
- Trade Balance**: Reduce reliance on imports and increasing exports. This can lead to Accumulation of foreign exchange reserves, strengthening the overall economic stability.
- Skill Development and Employment**: Create jobs across various skill levels, reducing unemployment, and improves the standard of living for individuals and communities.

Showcasing India's Achievement through 75 Make in India Exclusive Innovations

- Collaborating as principal partners with 75 Manufacturers who are Making in India
- 75 Exclusive Standard Product which find its applications in the manufacturing process
 - Mining
 - Raw Material Processing
 - Shop Floor & Manufacturing Process
 - Quality Management
 - Factory & Industry Automation
 - Material Handling
 - Packaging
 - Storage & Logistics
- Bringing Innovations across the country, participations from Foreign & Indian Multinationals & SME sector

One Initiative Multiple Celebrations

It's no way possible to bring the 75 years growth journey into a box, so we are going out of the box!

- Mega Event**: 18 & 19 August 2023 | PCCoE, Pune
- Coffee Table Book**: 300 Pages A3 Collective Edition to be published by 26th January 2024
- Exclusive Website**: To be launched by 18th August to be live for next 10 Years
- Social Media Campaigns**: Started from 18th August 2022, to run till August 2024
- Media & Visual Campaign**: 40 Secs visual stories in National Media + Interview Stories in MM
- Celebration Party**: Network Dinner on 18th August with a participation of 400+ manufacturers

Knowledge Sessions Equipping India

- In partnership with Industry Associations, Machine Maker will be coming out with Knowledge Sessions on diversified topics of manufacturing.
- Job Fair@75**: 75 Manufacturing Companies will participate in a Job Fair which will bring renewed interest among young engineers to look at manufacturing as their core career. The Job Fair will also promote upskilling to be industry ready!
- Banking & Investment Pavillion**: We are organizing a special pavillion to showcase the availability of investments & finances offered by leading banking and non-finance sectors. For startups we will bring a panel of angel investors who will look at the new innovations.

Mechanical Department

FACULTY ACHIEVEMENTS:

1. Dr. C. L. Ladekar published the Patent on, "Portable Emission Detection Device", Patent No. 482697 dated 14/12/2023.
2. Mr. Mahesh More Successfully completed his MBA from YCMU.
3. Dr. L.V. Awadhani Successfully defended his viva voce for his doctoral degree work in SPPU.
4. Dr. V.Y. Bhalerao Successfully defended her viva voce for his doctoral degree work in SPPU
5. Mr. Nilesh Gaikwad Received Certificate of Appreciation from ISHRAE Headquarters New Delhi at the event Tip Top international Pune on 28th October.
6. Dr. Raju Bhosale Successfully complete the NPTEL course on, "Fundamental of Manufacturing Process", with a score 86%
7. Dr. Nukulwar Masnaji Successfully completed the NPTEL course on, "Strength of Materials", with a score of 40%..

Fresher's Talk

Being a fresher, I would like to share that after passing my HSC and CET exams, I was in a search of finding the best college for mechanical engineering, then I came across PCCOE. Joining PCCOE is one of the best decisions of my life because this college provides me opportunities for my better career. The teachers, the staff, the environment of the college is very much nice and helpful. It also provides a good platform for students to show their skills and develop new skills among us, also having the best faculties and a good campus. They also arranged special classes for practical, All teacher were experienced and guide us properly, It also has many different courses like, Mechanical Engineering, IT, E&tc, Computer Engineering, etc. Really I am happy with my decision to choose this Engineering college.



- Ms. Shruti Kulkarni [FY

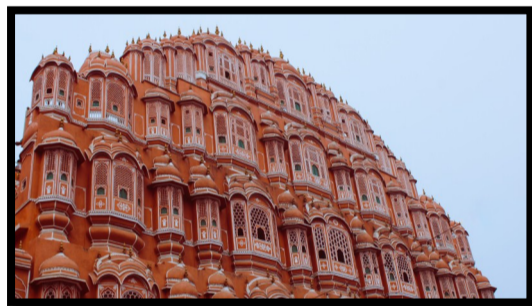


Being an enthusiastic learner and an athlete, I always found pleasure in achieving and gaining knowledge! Apart from pursuing Mechanical Engineering from PCCOE, the staff has always supported me for my sports. In the 1st semester of my college, I have appeared for basketball and powerlifting competitions at various levels. Me and my team achieved the first place at basketball intercollegiate competition, whereas I achieved 2 Gold and 1 silver medals at "Iron Games PUNE, Powerlifting competition".

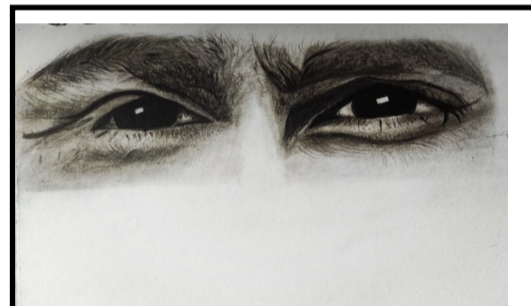
- Ms. Ritika Jadhav FY

After two years of rigorous study and hardwork in Kota it was finally time for me to enter my engineering college. Engineering College is considered to be the most memorable day in a student's life. It was indeed mine to. My heart was filled with excitement and I had a sleepless night before the D-Day. I was continuously thinking about what type of batchmates will I meet. None of my school friends had taken admission in this college so it was like entering my first grade but all dimensions were very different this time. I received my timetable on telegram group the day before I couldn't figure out what subject it was and which classroom I had to go to. As I stepped inside college gate I firstly prayed to God there were so many students and I knew none of them.

- Ms. Sanjivani Jatt [FY Mech]



- Photos by: Hrushikesh jog [FY Mech]



- Sketches by: Harshal wagh [FY mech]



Electronics & Telecommunication Department

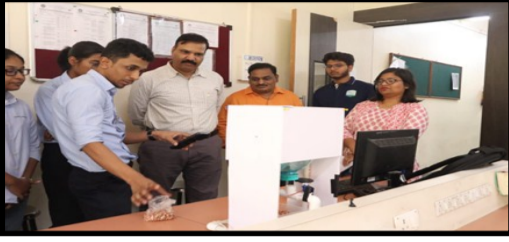
1. Mr. Manish Narkhede, Mr. Satyashil Nagarale, Dr. N. B. Chopade, and Dr. B. P. Patil presented a paper on 'A Data Driven Approach Using LSTM for SoC Estimation in Electric Vehicle Battery Systems' at the 21st IEEE OITS International Conference on Information Technology (OCIT 2023), SCOPUS indexed journals.
2. Mr. Pratham Patil, Dr. Rajani P. K, Ms. Karishma Salunkhe, Mr. Hitesh Patil, and Mr. Rugved Kulkarni contributed to 'Covid-19 Detection For CT-scan Images Using Transfer Learning Models' published in the International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 18th August 2023, SCOPUS-Q4, ISSN (Online): 2321-8169.
3. Dr. Rajani P.K, Ms. Kalyani Patil, Ms. Bhagyashree Marathe, Ms. Purna Mhaisane, and Mr. Atharva Tundalwar authored a paper on 'Heart Disease Prediction using different Machine Learning Algorithms' in the International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 31st August 2023, SCOPUS-Q4, ISSN (Online): 2321-8169.
4. Mr. Guruprasad Deshpande, Dr. Rajani P.K, Mr. Vishal Khandagle, and Mr. Jayesh Kolhe collaborated on 'Comparison of Classification Algorithm for Crop Decision based on Environmental Factors using Machine Learning' published in the International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), 31st August 2023, SCOPUS-Q4, ISSN (Online): 2321-8169.
5. Dr. P.K. Rajani, Mr. Guruprasad Deshpande, Mr. Mangesh Goswami, Mr. Jayesh Kolhe, Mr. Vishal Khandagale, Mr. Milind Mujumdar, and Mr. Bhupendra Bahadur Singh presented a paper on 'IoT- Based Low-Cost Soil Moisture and Soil Temperature Monitoring System' in SSRG-International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), October 2023, SCOPUS-Q4, ISSN (Online): 2348-8379.
6. Dr. Varsha Bendre developed an 'Alzheimer's Disease Detection Model Using Rotation Invariant DTCWT Features and Recurrent Neural Network With a Combination of LSTM and GRU,' published in Communications in Mathematics and Applications, Emerging Sources Citation Index (ESCI), Web of Science (WoS).
7. Dr. Varsha Bendre and Dr. Sheetal Bhandari contributed to 'IoT-based Weather Information Using WeMos' published in the International Journal of Intelligent Systems and Applications in Engineering, Volume 11(3s), SCOPUS-Q3, E-ISSN: 2147-6799.
8. Mrs. Sonal I Shirke conducted a review on 'Blockchain- A Case Study In Peer-To-Peer Energy Trading' published in the European Chemical Bulletin (ISSN 2063-5346), Scopus-Q3.
9. Dr. Varsha Bendre received a Design Patent (Design No.: 387461-001) for the creation of a BLUETOOTH DEVICE FOR SAFE ENTRY AND EXIT.
10. Dr. Rajani.P.K and Mr. Sunil Kamlesh Khatri jointly authored 'Flood Forecasting and Early Warning using Deep Learning Model' and subsequently secured a Copyright (Registration Number L-133860/2023, Diary No. 18603/2023-CO/L).
11. Distinguished national webinar on 'Explainable AI demonstration using Python' by Dr. Rajani P.K, hosted by IEEE SPS Student Chapter, garnered 40 attendees. An insightful session providing a deep dive into Explainable AI techniques with practical Python demonstrations.
12. Internationally acclaimed workshop: 'DIES ProGRANT German Proposal Writing for Research Grants in India' with Dr. Rajani P.K, Dr. Varsha Bendre, and Dr. D.S. Khurje. Spanning four phases (April-November 2023), 30 participants successfully honed their research grant proposal skills in this sponsored event.
13. AIML Lab (E&TC) recently acquired 10 Embedded AI Education Kits in collaboration with STMicroelectronics, totaling Rs.3,47,510/- (6/11/2023). This purchase, facilitated through a MoU with DigiToad Technologies, Bengaluru, enhances AIML-related courses, projects, and research opportunities.

Electronics & Telecommunication Department

Technical Feast

1. Inauguration of IEEE SPS Student Chapter

Sparkling with intellectual luminaries, the Inauguration of IEEE SPS Student Chapter on June 13, 2023, shone brightly. Dr. Rutuja Deshmukh and Dr. Sunil Somani, esteemed guests from IEEE, alongside Dr. N.B. Chpoadre and Dr. M.T. Kolte from PCCoE, added scholarly charm to the ceremony. The event marked a promising beginning for the chapter, setting the stage for academic brilliance.



2. Project Based Learning Exhibition Competition

Diving into innovation, the Project Based Learning Exhibition on June 13, 2023, showcased EnTC prowess with 24 dynamic groups from the second year. Dr. Rutuja Deshmukh and a panel featuring Dr. Bisikar, Mr. Vikram Samant, and Mr. Rajendra Suryavanshi, brought expertise to the judging table. Team Matsya reeled in the top honor, with TechWizards and H(2)OPE securing second, and Vector and ElectroWynk claiming third.

3. Insights into Jetson Xavier Nx and its Applications

Navigating the tech cosmos, the seminar "Insights into Jetson Xavier Nx and its Applications" on August 12, 2023, illuminated the Robotronics lab at PCCOE. Hosted by the IEEE SPS Student Chapter, Mr. Aditya Yadav, a Software Development Engineer at Josh Software Inc., guided eager minds through the realms of mine, robotics, and Xavier applications. With an intimate audience of twelve, the event fueled hardware aspirations for future projects.

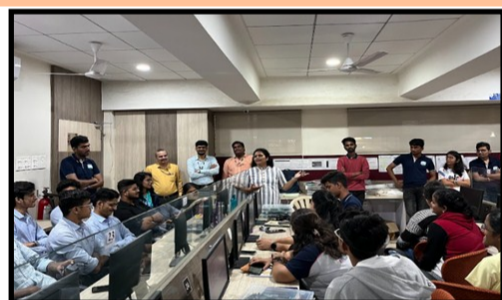


4. Seminar on "Scope of Embedded Systems

Unveiling the secrets of tech evolution, the seminar "Scope of Embedded Systems" on August 22, 2023, orchestrated by IEEE SPS and Team Vector, sparked intellectual fireworks. Mr. G. Satish, a maestro from Vector India, shared insights into the pivotal realm of embedded systems. Dr. Mahesh Kolte, HOD E&TC, set the stage for 152 eager participants, highlighting the indispensable role of EnTC engineers.

5. Try Engineering workshop and demonstration

Igniting young minds with curiosity, the "Try Engineering" workshop on September 1 and 2, 2023, orchestrated by IEEE, aimed to bridge the tech gap for regional school students. Dr. Varsha Harpale kickstarted the event, emphasizing inclusivity, with Kshitij Vaze from Team Automations showcasing the wonders of microcontrollers and Arduino. Conducted in Marathi, the workshop provided a tech feast, fostering a passion for engineering among eager minds.

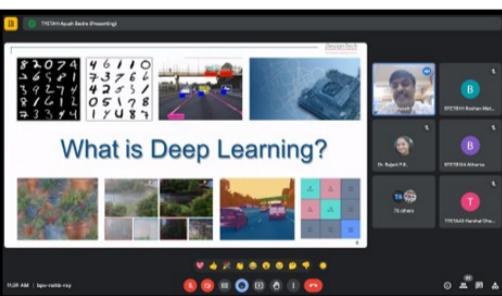


6. Microcontroller Workshop in association with Vector-India

Electronics enthusiasts immersed in a tech whirlwind at the "Three Days Microcontroller Workshop" from August 23 to 25, 2023, hosted by IEEE SPS in collaboration with Team Vector, India. In the Computer Centre of PCCOE, 76 students explored the intricacies of 8051 microcontrollers. The journey unfolded from basic interfacing to the thrilling finale of GSM module commands, creating an in-

7. Seminar on "Case Study on Advanced Driver-Assistance Systems using CNN"

Revvng up intellectual engines, the "Case Study on Advanced Driver-Assistance Systems using CNN" seminar on September 5, 2023, at PCCOE's ENTC Department, was a tech symphony. Dr. Sanjay Talbar, an Adjunct Professor, took the stage, unraveling the mysteries of ADAS, CNN, and deep learning. Attendees delved into the crucial facets of ML, sensors, and the prowess of models like GoogleNet, AlexNet, and VGGNet. The seminar zoomed through the lanes of innovation, leav-



8. Online and Offline (Hybrid Mode) session on "Demonstration on Deep Learning Model Deployment on Raspberry Pi

In a fusion of virtual and tangible realms, the "Demonstration on Deep Learning Model Deployment on Raspberry Pi" session on October 14, 2023, brought tech magic to 105 avid minds. Mr. Kunal Khandelwal from MathWorks mesmerized participants with insights into supervised and unsupervised learning,

Students Achievements

- Mr. Sunil Khatri, a distinguished E&TC Ph.D. scholar under the guidance of Dr. Rajani P.K, secured the 1st position in the University Level Aavishkar Research Competition 2023-24 (PPG level under Engineering & Technology). A testament to his exceptional research prowess and dedication.
- Nidhi Vartak, TY EnTC, won the 3rd position in DFL Solo Singing Competition, with a mix of classical and bollywood music she performed the song, 'Ghar more pardesiya...' and mesmerized all the audience with her talent.
- Kshaunish Borkar, TY EnTC, secured the prize for Best Digital Poster in Vinodottam Karandak 2023. He created a poster which was admired by all the judges & the audience for his ability to portray the theme of the story!
- Team Hydrominex emerged victorious at Smart India Hackathon 2023, tackling the challenge of visibility in heavy mining machinery during the rainy season. Prathamesh Chavan, Aditi Chandanwar, Aanchal Gulhane, Yash Jadhav, Kaushal Lawande, and Prathamesh Chougale showcased collaborative problem-solving, expanding their potential and earning well-deserved recognition.



Sketch by Riddhi Jadhao



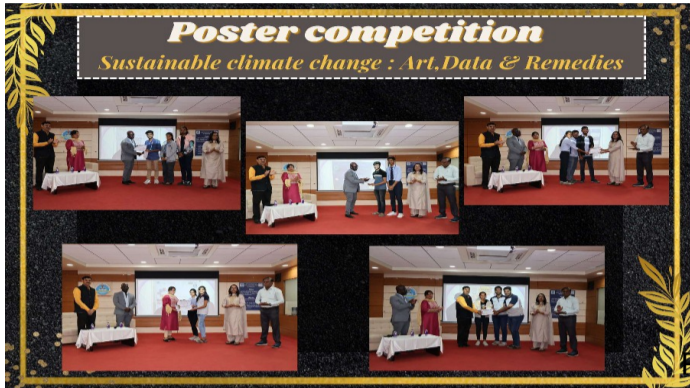
Sketch by Rohit Baviskar



Computer Engineering Department

Students Achievements

1. Master Digvijay Borse secured silver medal in swimming for PCCOE in university games 2023 in 200 MTR breaststroke and bronze medal in relay.



2. Bronx community college & CUNY (the greatest urban university in the world) with association of International Relations Cell and Department of Civil Engineering organised a poster making competition on 02 October 2023. The topic for the poster making competition was Sustainable Climate Change : Art, Data & Remedies.

Kshaunish Borkar, Janhavi Chati, Aditya Nile secured 1st prize

Gaurav Mahale, Harsh Gumdel & Aditi Giri, Mansi Pawar, Gauri Shendge, Shrutika Nanote secured 2nd prize.

Pradnya Angale, Vaishnavi Khambe & Devesh Patil, Om Devkar, Suryakiran Patil, Avneesh Davari, Pranita Ghodchar &

Pushkaraj Gaikwad, Prathmesh Gaikwad, Rishita Awasthi, Arya Zambare secured 3rd prize.

Faculty Achievements

1. Research paper published by Prof. Chhaya Nayak on the topic Development of secure and efficient system using blockchain .
2. Research paper published by Prof. Chhaya Nayak on the topic Multimodal analysis based mental health evaluation using deep learning approach.
3. Remarkable paper publication of the month (IJ/IC/NJ/NC) by Mrs. Minal Shahakar published a paper titled as "An Analytical Evaluation of Various Approaches for Load Optimization in Distributed System" in Scopus journal "Intelligent system and application in engineering". ISSN:2147-67992 , Volume 12, issue 1, 526-548, August 2023.

4. Mr. Rahul Patil & Dr. Sambare from Comp Engg. Dept #PCCOE awarded with "Best Performing COE Coordinator award 2023" by @eduskillsllc in Presence of Dr. Pramod Ji Sawant-CM Goa, Prof.T.G Sitharam Chairman AICTE, Dr.K.K. Agrawal Ex NBA Chairman.



5. Dr Swati Shinde and Prof Madhura Kalbhor for receiving the patent grant
Patent Name: "CerviTester: A Smart And Portable Screening Device For AI-Assisted Automated Diagnosis Of Cervical Cancer In Low Resource Settings"

Seminar / Workshops

Students of Computer Engineering department, National Service Scheme (NSS), Student September. Dance performance, singing performance, musical instruments welcomed the Development and Welfare cell (SDW) organized Teacher's Day program on 8th of faculty members. Games, riddles, etc were planned by the students. Program started with giving a rose to the faculty members and welcoming them, followed by dance and singing performances. Faculty played various games and enjoyed snacks, at the last all the teachers were given gifts as the token of appreciation.



On the mark of Engineer's Day which is on 15 SEPTEMBER 2023, TEAM OWASP-CESA arranged a technical event named "CYBER SLEUTHS" which had 3 rounds. There was cash prize of INR 1000 for the winning team and INR 500 for runner up team. Sessions regarding Awareness about cyber security were conducted by the OWASP members.

#

Seminar / Workshops

Date: 12nd September 2023
Dr. Sukendu Das Session was arranged under the scheme of **अनबंध** on Machine learning and Image processing. It provided a platform for the students to engage in intellectual discussions, ask pertinent questions, and gain valuable advice, fostering a conducive environment for learning and growth.
Beneficiary: TE & SE Students.
Participation count: 150



Date: 4th September 2023.
Cell: CESA (ACM, GDSC, OWASP, ACM-W).
Event in-charge: Prof. Rahul Pitale, Prof. Kapil Tajane
Platform used: Offline mode (Architecture building seminar hall)
Description of the event:
The induction was conducted to introduce the students with the newly elected office bearers of the Computer Engineering Student Association (CESA) for the Academic year 2023-2024.
Beneficiary: TE & SE Students.
Participation count: 400



Date: 15th September 2023.
Cell: CESA-ACM.
Event in-charge: Prof. Rahul Pitale, Prof. Kapil Tajane
Platform used: Offline mode (LRDC hall, Mechanical building)
Description of the event:
The session was about 'Which programming language you should learn and why'. This session gave students the information about the new emerging technologies and which programming languages we should prefer. The session ended with a Question and answers session.
Beneficiary: TE & SE Students.
Participation count: 150



UNIQUE ACADEMY PUNE had organized a session on 'Competitive Exam Guidance Session' this session mainly focused on preparation of competitive exam's like MPSC and UPSC. Honourable speaker enlightened the students with proper study and various preparation approach towards these exam's, he also motivated the students to actively appear for such competitive exams.

A "Journey to Salesforce" one day hands on workshop organised by PCCOE CSI Students Chapter on 28th Oct through Salesforce Cloud Technology experts from Salesforce India and InfoBeans CloudTech LTD under "Pune J2S Mentor Connect" Program initiated by Salesforce India. Mr. Satya Sekhar (Lead Developer Advocate at Salesforce) and Mr. Jigar Shah (Vice President of InfoBeans CoudTech Ltd) was a Chief Guest for a Program..



As October is recognized as Cyber Security Awareness Month, OWASP Student Chapter and SIG CNIS collaborated to organize CYBERKAVACH, a month-long event. The tagline was "Asuras on the Cyberspace is not a Myth"
A variety of non-technical and tech-related events were organized under CYBERKAVACH. As one of OWASP Student Chapter's goals is to raise awareness of cyber safety numerous sessions were also held at different colleges and schools.

Computer Department CSE (AIML)

1. Team AiMSA organized an event on **5th September 2023** in honour of **Teacher's Day**. Teacher's Day celebration was a touching **tribute to our educators**, featuring **warm messages**, a heartfelt **video greeting**, and a fun '**Guess the Link**' game. The highlight was a moving **musical performance**, symbolizing the enduring bond between teachers and students, showcasing their profound impact on our lives.



2. Department of CSE (AI & ML) has successfully conducted the **GeeksforGeeks Student chapter Induction** program on **5th September 2023**. This chapter provides an invaluable platform for students to explore the fundamentals and potential applications of these cutting-edge technologies, fostering a deeper understanding and passion for CSE's rapidly evolving.

3. Guest Session on "**Importance of coding**" at the **GeeksforGeeks chapter Induction** program given by **Mr. Ronald Mascarenhas** on **5th September 2023** who is an esteemed alumni of PCCOE, who shared his invaluable experiences and expertise during the event..



4. **GeeksForGeeks Student Chapter** of our college organized a highly successful webinar on the topic of "**Resume Building**." The distinguished speaker for the webinar was from **GeeksforGeeks**, "**Mr. Chirag Vaishnav**," that took place on **16th September 2023 from 3:00 PM to 4:00 PM**.

5. **Team AIMSA (Artificial Intelligence and Machine learning Student's Association)** of Department of CSE (AI & ML) successfully celebrated **Engineer's day** on **15th September 2023**. On this occasion of Engineer's day, we have invited **Dr. Abhijit Pawar, Director of Nucleus Diagnostics and Medimap Healthcare** as an esteemed guest in the field of Radiology who gave us an informative talk on the use of "**AI in Radiology**."



6. **Team AIMSA (Artificial Intelligence and Machine learning Student's Association)** of Department of CSE (AI & ML) successfully organized a Guest session on "**AI in Radiology**" on Engineer's day **15th September 2023**. **Dr. Abhijit Pawar, Director of Nucleus Diagnostics and Medimap Healthcare** was an esteemed guest for the session who work in the field of Radiology. He enlightened us with an informative talk on the use of "**AI in Radiology**."



7. **Team AIMSA (Artificial Intelligence and Machine learning Student's Association)** of Department of CSE (AI & ML) successfully conducted an activity on "**AI tools used in the industry and in Chandrayan -3**" on the Engineer's day 15th Sept 2023. Many teams from Institute has participated in the activity.



8. The Photography Cell of the AiMSA of CSE (AI & ML) Department conducted one day workshop on "**PixelPerfect**" on **25th August 2023** for the registered candidates. The speakers for this workshop were the Photography Cell Incharges **Anurag Karpe, Harshad Golve and Tushar Mahajan**.

9. The **Higher Studies Cell of the AiMSA of CSE (AI & ML) Department** conducted a session on "**100% scholarship to study abroad**" by **Mr. Subhash Pol, Business Development Manager at Edwise International** on **17th August 2023**.



10. The Cell of the AiMSA of CSE (AI & ML) department conducted an engaging induction session for second-year students, introducing them to the vibrant world of AI and ML. The induction event served as a platform for second-year students to understand how AiMSA plays a pivotal role in nurturing their interest in AI and ML, providing resources and a vibrant community to support their academic and professional growth in these exciting fields.



Faculty Achievements

1. Name : Dr. Sonal Gore

Topic : Department of CSE(AI&ML) established an MOU with AI-ML based software Industry - 'Quantphi Analytics Solution Private Limited' for academic collaboration. We have started the "AI-ML Skill Enhancement Program" under this MOU. It was inaugurated on 26th September, 2023.

The MOU is set up for three academic years (from August 2023 to July 2026) majorly for purposes:

1. Quantphi-mentored coding club: To enhance the coding skills of students **Publication Date** : 08/09/2023
2. Quantphi-driven Elective Courses: To conduct Professional Elective courses of TY and final Year B Tech under co-teaching model.

Funding Agency : Quantphi Analytics Solution Private Limited, Mumbai

2. Name : Dr. Vishal Ratansing Patil

Topic : Machine learning models for investigation of paracetamol entrapped nanoporous silica nanoparticles in transdermal drug delivery system.

Details : Application No.202341058005 A

Student Achievements

1. Mr. Atharv Powalkar,

Selected as a contributor for SWOC Season 4 International community for coding.

2. **Mr. Gautam Bhagat**, third-year student in the Computer Science and Engineering department, has been appointed as the GeeksforGeeks chapter lead for PCCoE in 2023. His diligent work ethic and exceptional skills were instrumental in achieving this prestigious position, reflecting his dedication and expertise in computer science and programming.



Information Technology Department

1. The successful organization of the IEEE Pune Section Student Congress on October 21, 2023 at PCCOE, Pune, PCCoE IEEE Branch has hosted this event under the Guidance of Dr. Sonali D. Patil, Dr. Anuja Jadhav (Branch Counselor), Dr. Ashvini Ladekar. More than 400+ students from various Student branches participated. Mr. Dinanath Kholkar , Senior Vice President , TCS, Dr. Surekha Deshmukh, Domain Consultant TCs, Chair IEEE Pune Student Section addressed the gathering.
2. PCCoE IEEE Student Branch have completed one Societal Project RISE– Empowering the minds in Slum in association with IEEE HTA Community and IEEE Pune Section during 1st August to 30th November , 2023 , This project has received grant of \$2500 from IEEE. Project is lead by Dr. Sonali D. Patil , Dr. Anuja Jadhav and Dr. Ashvini Ladekar
3. PCCoE IEEE Branch has hosted IEEE R10 Young Professionals Upskill - Pune Section 2023 on 3rd September , 2023.



ITSA Events



ITSA Student Association Induction



Information Theory Society Chapter Formed under IEEE Pune Section



Virtual Treasure Hunt on Engineer's Day 15th September



Teachers Day Celebration 5th September 2023

Civil Engineering Department

1. Dr. A K Gaikwad, "Progressive Investigation on Utilization of Steel Slag and Silica sand as partial replacement for Coarse and Fine Aggregate in Concrete", in 2 nd International Conference on Smart Sustainable Materials and Technologies (ICSSMT 2023) organised by CARE College of Engineering, Trichirappalli (Trichy), Tamil Nadu, India on 30-31 Aug'2023.
2. Abraham, B., Mahesh, G. and Ingle P.V. (2023). Enhancing SMCs' Competitiveness through Improving Material Supply Chain Management Practice, International Journal of Construction Management, [SCOPUS, Q1], (Taylor & Francis).
3. Dr K.C Khare "Assessment of recycled treated wastewater for sustainable tomato crop production: A comprehensive review" Journal of Environmental Challenges (Science Direct) [SCOPUS Q2 , Impact factor 3.8]
4. Dr K.C Khare "Sustainability analysis of coir geotextile for potential armour for seawall" in International Conference on Advancing Sustainable Futures (ICASF 2023) , Dubai on Dec 5-6 2023
5. Dr.R.S.Chaudhari, "Exploring internal factors affecting construction labor productivity in Mumbai: a study using RII and fuzzy logic", Asian Journal of Civil Engineering <https://doi.org/10.1007/s42107-023-00808-w> (Q3 Springer).
6. Chaudhari, R.S., Bhavsar, F. & Pradhan, P.S. Assessment of moisture and chloride content in wall at different ages of buildings. J Build Rehabil 9, 13 (2024). <https://doi.org/10.1007/s41024-023-00364-5>
7. Dr. R.S.Chaudhari, Mrs.R.R.Purohit, "Development of Economical Noise barrier for the residential area", 3rd International Conference on "Materials Science & Engineering" (ICMSE-2023) on November 23 - 25, 2023, at Dr B R Ambedkar National Institute of Technology Jalandhar - 144027.
8. Deepali R. Vaidya and Sandip T. Mali, "Comparison Study of Use of Artificial Elements in Pressure deficient Water Distribution Network" 2nd International Conference on INNOVATION IN MECHANICAL AND CIVIL ENGINEERING (i-Mace23), organized by PCCOE, Pune on 18th and 19th August 2023.
9. Tanmay S. Khmabekar and Sandip T. Mali, "Deciding the Dimensions of the Reactor for Lab Environment for Simulation of Anaerobic Bioreactor Landfill" 2nd International Conference on INNOVATION IN MECHANICAL AND CIVIL ENGINEERING (i-Mace23), organized by PCCOE, Pune on 18 th and 19 th August 2023.
10. Gayatri P. Deore, R.K. Chaudhari and Sandip T. Mali presented a paper titled 'Quantification and Characterization Study of Construction and Demolition Waste for Pimpri Chinchwad City, India' in the National Conference on Emerging Trends in Civil Engineering (ETCE-23) organized by the Department of Civil Engineering, Walchand College of Engineering, Sangli, on 28 th & 29th December 2023.
11. Dr. Rangari Vinay Ashok and Dr. Pankaj R Mali has Organized and conducted A 2-Day Workshop on "Hydrological Extremes: Implications of Climate Change" In association with ISTE & IIC during 18-19 December 2023.
12. Dr. A K Gaikwad, invited as Judge for evaluating AVISHKAR2024 projects in MIT Alandi CoE, Alandi, Pune in Sept'2023.
13. Dr. R.S. Chaudhari, Miss. Pradnya S.Pradhan received copyright for, "ASSESSMENT IF MOISTURE AND CHLORIDE CONTENT IN PLASTER AT DIFFERENT AGES OF BUILDING", Diary Number:20988/2023-CO/L.
14. Miss Pradnya S. Pradhan, under the guidance of Dr. R. S. Chaudhari, "Secured Second Position from Engineering and Technology (PG) at Zonal Level of SPPU, Pune.
15. Dr. A K Gaikwad, Dr. D S Lal, Dr. R S Chaudhari and Dr. S T Mali received funding of Rs. 3,45,000/- ProCON for designing Light Weight Concrete with Sintered aggregates in Association with PCERF from Nov-23 to Jun-2024.
16. Dr. R.S. Chaudhari (Faculty Coordinator), MoU between Pimpri Chinchwad College of Engineering (Civil Engineering Department) and S. B. Patil College of Architecture and Design for exchange of exchange of knowledge and development of students.
17. Dr. S. P. Banne, Asst. Prof. have completed his PhD from SPPU, from RSCoE, CoE, Tathawade, Pune in Dec'2023.
18. Dr. S. T. Mali, Prof. and HoD have received "Jal Dindhi Award" from PCMC for his remarkable work in Environment and water resources in PCMC, Pune area.

1. Engineers' Week

CIESA conducted two events on the occasion of engineer's day. 1st event was 'Connecting columns' a technical treasure hunt and 2nd was a guest lecture by Mr. Girish Khire. In first event Total of 8 participant team and some students from TE and BE were present for the event and as for the 2nd event all the students from TE, BE and faculties were present. The objective of the 1st event was to ignite engineering mind through quizzes and riddles, and for 2nd round to study and discuss various case studies in guest lecture. Two rounds were played under Connecting Columns. The 1st round was a Gems of Civil (quiz) while 2nd round was treasure hunt. In 1st round technical and practical based questions were asked to the teams, teams which answered correctly were given two points and if answered wrongly one point was deducted. Thus, the top three teams with most points were given advantage for the 2nd round.

In 2nd round these teams had to solve riddles by solving 1st riddle you would get to 2nd riddle and by solving 2nd to 3rd till 5th one and the team which got to 5th one fastest was declared winner of the event. This winner team consisted of Sanket Ambekar,



2. CIESA Induction

On an auspicious occasion of Engineer's Day, Installation Ceremony of Team CIESA took place. The event was hosted by Ms. Dhawani Ranawat the student of B.E Civil. The event started by badge ceremony of new office bearers of Team CIESA followed by the Speech of President Ms. Akanksha Dandage and then the Oath Ceremony. Our chief Guest Mr. Rajesh Chitte Sir congratulated Team CIESA for the new journey. Later, HOD Civil Department Dr. Sandip Mali Sir enlightened the day with his speech followed by Dr. A.K. Gaikwad sir motivated us with his beautiful words and Mr. Praful Shinkar sir the faculty coordinator of Team CIESA congratulated us.

3. AALSI Engineer Event

The event was skillfully hosted by Vedang and Janavi, and the seamless coordination was under the Ganesh Kodnani. The program began on a serene note with a soul-soothing Saraswati Vandana, setting the tone for the morning's proceeding, followed by the introduction of our esteemed guest, Mr. Rounak Khabe. Aalsi Engineer, a prominent educational tech platform led by Mr. Rounak Khabe, was warmly invited to the event 'Aalsi Engineer Unplugged'. During this remarkable gathering, Mr. Khabe delivered an engaging and insightful discourse on the challenges and enjoyable aspects of life as an engineering student, offering a glimpse into the world of this educational journey. After sharing his remarkable journey and experiences, the event reached its conclusion with a significant moment of appreciation. Mr. Rounak Khabe was honored with a memento, which was graciously presented by Akanksha Dandage, the esteemed President of CIESA.



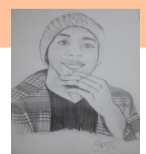
4. Kiroloskar Vasundhara International Film Festival—Jaldindi Prathishtan

Kiroloskar Vasundhara International Film [KVIFF] festival aims to raise awareness about environmental issues and promote sustainability through the medium of cinema, event took place at PCCOE, Pune on Oct 19th, 2023. Mr. Vijay Gawade, the distinguished Maharashtra Kesari, He passionately followed his noble mission to safeguard the river for future generations, a sentiment that resonated deeply with the appreciative audience. Mr. Pravin Tupe, the Head of Science Park, shared a wealth of experience on the stage. With great authority, he explored the intricate processes and the profound impact that had unfolded since the inception of various water and environmental conservation initiatives. Mr. Dhananjay Shedbal, an accomplished environmentalist and a dedicated advocate for environmental awareness, commenced his address by recounting the significant strides taken in the mission to preserve our natural world. Expanding on this powerful vision, Mr. Gouridhar shared his personal insights and experiences shed light on the Vision and Mission of the Jaldindi movement. His words resonated deeply with the audience, leaving them inspired and motivated to join the noble cause. Dr. Mali extended his gratitude to the esteemed guests for generously sharing their profound insights and wisdom, particularly emphasizing the impact their words had on the attending students. He also emphasized the significance of their collective wisdom in spreading awareness about environmental conservation and the vital role of water for the well-being of humankind.

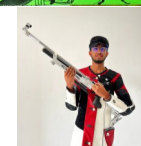


5. Industrial Visit to Atal Tunnel

An industrial visit to the Atal Tunnel offered a unique and insightful experience into the engineering marvel that connects Manali to Lahaul-Spiti Valley in the Himalayas. Students got an up-close look at the tunnel's construction, gaining a deep understanding of the cutting-edge technology and engineering techniques employed. The visit provided valuable insights into the challenges faced during the tunnel's creation and the strategic importance it holds for regional connectivity. Overall, an industrial visit to the Atal Tunnel offers a memorable and educational experience for those interested in civil engineering and infrastructure development.



1. Ms. Pradnya Agale (M.E-Civil) has secured 2nd rank in Engineer and Technology at AVISHKAR Zonal Level.
2. Pradnya Agale (TY-Civil) has secured 2nd rank in Poster making competition at IGS-MAHAFEST Sept 2023.
3. Milind Patil (B.E-Civil) has secured 1st rank in Poster making competition at IGS-MAHAFEST Sept 2023.
4. Rushikesh Vyavhare (TY-Civil) has secured 1st rank in Quiz competition at IGS-MAHAFEST Sept 2023.
5. Ankit P. Ital (TY-Civil) has qualified at Inter Collegiate Yoga Competition, Sangamner.
6. Sarthak Sanaf (B.E-Civil) has qualified rifle shooting at national level.





Every smile shared, every tear shed, every word spoken, and every step taken creates the person who I become!

ME {.....}

I live for that single moment which takes my breath away, all those experiences and memories that can only be understood if you were there. Finding peace when everything around is turned into the chaos is stunning and looking at the cup as not half-empty or half-full, but rather overflowing with blessings that are surprise to me. For me Life is worth living as it has Faith which is beautiful. Hope is inspiring. Love is fulfilling. Life is at most of the time comprised of so much more as compared to the than a few moments in time; but it always connected to beautiful and lovely people that I love and those who love me. My friends are like the family members that I got to choose.

The most powerful relationship I believe someone can say is only three words long. I think these three words should be spoken to by each one of us because of its impacting message. "I love myself." Life is too unexpected like I said before; life is beautiful because of the people that make up this world. Both you and I can make a huge difference by stating these three powerful for ourselves or US. I believe in never giving up on love for ourselves and always holding on to hope because hope never disappoints .

I strongly believe to say Never be afraid. Don't look back. Only look ahead. Your Life is beautiful Because of you.

Live your life however you want!

Trust yourself. Believe in yourself...

Life is too short to save it for tomorrow.

Don't give up and Hope always for the best!

Love yourself forever!! Do what your heart says...

DREAM AS MUCH AS YOU LIKE AND MAKE IT TRUE!

YOU ONLY LIVE ONCE SO MAKE THE MOST OF IT!

Always keep rhyming to the note: MY LIFE IS BEAUTIFUL BE-

CAUSE OF ME!

– By Prof. Priyadarshini

As a freshman at PCCOE, I couldn't be more thrilled with my decision to attend this institution. I had many expectations from my college like quality education, supportive faculty, extracurricular activities, social interaction, etc and at PCCOE I received more than expected. The teachers here act as our mentors too and support us whenever needed. Moreover, the campus itself is beautiful with a lot of extracurricular activities to choose from. What has truly impressed me is the environment and sense of community at PCCOE. It's not just a place to earn a degree, it's a place to grow as an individual, academically and personally. Of course, there have been challenges too, like adjusting to a new level of academic discipline and managing time effectively. But these challenges are opportunities for growth.

In summary, my experience as a freshman at PCCOE has been

exceptional. I'm excited and eager to see what the next three years will bring and am assured that I have chosen the right college to pursue my career and build a bright future.

By Mr. PARITOSH NIMHAN DIV: L BRANCH: CS YEAR: FY B.Tech

Hello everyone I am Shivam Salve, currently studying in first year. During my 12th, I was searching for best Engineering colleges in Pune, many people used to talk about few colleges in which PCCOE was also there then I started to gather information from everywhere, I received very positive feedbacks. I came to know that it is one of the best colleges in Pune for placement. It also provides a good platform for students to show their skills and develop new skills among us, also having the best faculties and a good campus. Then finally in 2023, I took admission in PCCOE, on the first day I was introduced to all teachers my first day experience was quite good as the teaching was much better than my expectation, All teachers were friendly and always available to guide us. They also arranged special classes for practical, All teachers were experienced and guide us properly, It also has many different courses like, Mechanical Engineering, IT, E&Tc, Computer Engineering, etc. Really I am happy with my decision to choose this Engineering college.

By Mr. SHIVAM SALVE DIV: N BRANCH: CS YEAR: FY B.Tech

शेखचिल्ली, फांदी आणि आपण

शेखचिल्ली मूर्ख होता. ज्या फांदीवर बसला होता तीच फांदी तोडत होता. अशा आशयाची एक गोष्ट लहानपणी शिकलो होतो. आमचे शिक्षक ती गोष्ट खूप विनोदाने शिकवायचे. गोष्ट ऐकताना खळखळून हसू यायचे. गोष्ट खूप मजेदार होती. त्यावेळी काही बोध घेण्यापेक्षा बालमन आनंद घेण्यात रमून जायचे. जसे जसे मोठे होऊ लागलो तसे या गोष्टीतून आनंद घेण्याबरोबरच बोध पण घेतला पाहिजे याची जाणीव होऊ लागली. गोष्टींमध्ये शेखचिल्ली ज्या फांदीवर बसला होता तीच फांदी तोडत होता. आता तो हमखास खाली पडणार हे तेथून जाणाऱ्या वाटसरूच्या लक्षात येते तो त्याला सांगतोही पण ऐकले तो शेखचिल्ली कसला? तो पडतो आणि पुढे त्याचे वागणे ही आपणास बरेच शिकवून जाते. त्यावर सर्वांनी आत्मचिंतन करणे गरजेचे आहे असे मला वाटते. आपण असेच आपल्या आयुष्यात बऱ्याच ठिकाणी बऱ्याच गोष्टीवर जाणते किंवा अजाणतेपणे घाव घालत जातो आणि त्यातून नुकसान होणार हे आपल्या लक्षात येत नाही. आपल्या आधाराची फांदी कोणती ते उमगत नाही आणि कोणी सांगितले तरी लक्षात येत नाही कारण आपल्यातील शेखचिल्ली जागा झालेला असतो.

आता साधे उदाहरण घ्या, आरोग्य हीच धनसंपदा म्हणून आपण मोकळे होतो. रोज पुरेसा व्यायाम, झोप, योग्य आहार घेणे गरजेचे आहे हे आपणास माहित असते किंवा वेळोवेळी कोणीतरी सांगत असतेच. कधी कधी हे सगळे कळले तरी वळत नाही. आपण व्यायाम न करून, पुरेसे पाणी न पिऊन, जेवणाच्या वेळा न पाळून आपण आपल्या आरोग्यरूपी फांदीवर घाव घालत असतो. मग त्या फांदीवरून कधी कधी सरळ दवाखान्यात रवानगी करावी लागते. असे आपले वागणे शेखचिल्लीपेक्षा वेगळे असे मला वाटत नाही. याला साजेसे आणखी उदाहरण म्हणजे, देशाचे भविष्य त्या देशातील तरुणांवर अवलंबून असते. हे तरुण विद्यार्थी दशेत असताना अभ्यास न करता उगाच वेळ वाया घालवत असतात. तेव्हा ते आपल्या करियर रूपी फांदीवर घाव घालत असतात. बऱ्याचदा त्यांच्या हे लक्षात येत नाही. म्हणजे त्यांच्यातील शेखचिल्ली जागा झालेला असतो. आणि समजा लक्षात आलेच तर तेव्हा वेळ गेलेली असते आणि फांदी तुटलेली असते. हा तरुण बेरोजगार झालेला असतो. म्हणून तरुणांनी जबाबदार पणे वागणे गरजेचे असते. असेच काहीसे कंपनी आणि कामगारांशी देखील होते. बऱ्याचदा कंपनी जर आपल्या कामगारांना योग्य वागणुक आणि मोबदला देत नसेल तर कंपनी ज्या कामगाररूपी फांदीचा आधार घेऊन पुढे जात आहे ती त्याच फांदीवर घाव घालत आहे असे समजावे. कामगारांनी ही तितक्याच आपुलकीने आणि प्रामाणिक पणे कष्ट करणे गरजेचे आहे जर कामगार चांगल्याप्रकारे काम करत नसेल तर कंपनीला नुकसान होईल. कंपनी ही कामगाराचा आधार आहे ही जाणीव कामगारांनाही असली पाहिजे. कंपनीला नुकसान होण्यासारखे वागणे म्हणजे कामगारांनी आपला आधारवाच घाव घालण्यासारखेच आहे. तसेच आपल्या घरचे नातेवाईक, मित्रमंडळी किंवा आपले सहकारी यांच्याशी आपण कधी कधी बेजाबदारपणे वर्तन करतो. त्यांना कसेही बोलतो. त्यांना वेळ देत नाही किंवा त्यांच्या वेळा पाळत नाही तेव्हा आपण आपल्या नातेवाईकांना किंवा जवळच्या व्यक्तीच्या संबन्धाच्या फांदीवर हळू हळू घाव घालत असतो. ते कधी दुरावले गेले हेही समजत नाही. म्हणून आपल्या दैनंदिन जीवनात आपण असे बऱ्याच ठिकाणी वागताना आपण शेखचिल्ली तर नाही हे जाणून घेणे नेहमीच फायद्याचे ठरते.

डॉ. एम. बी. कदम, AS&H Department

Faculty Publications

1. Dr. Mohit Prasad, Hot wire-CVD grown molybdenum disulfide (MoS₂) thin films for photo detector and humidity sensing applications, Journal of Materials Science: Materials in Electronics 34(17) (2023).
2. Dr. Amol Kharche, Synthesis and exploration of novel Schiff bases of isatin derivatives as potentials towards antibacterial, antifungal, and antioxidative properties, Advances in Bioresearch 14 (2023) 40-49.
3. Dr. Amol Kharche, Dr. Sanjiwani Sonar, Dr. Priya Joshi, Dr. Sandip Jagadale, Kinetics of Mechanism of the oxidation of geraniol by Imidazolium Dichromate, European Chemical Bulletin (ISSN 2063-5346), 12 (2023) 2081-2089.
4. Dr. Mohit Prasad, An experimental and theoretical approach for temperature-dependent Raman-active optical phonons driven thermal conductivity of layered PbBi₂Se₄ nano-flowers, Journal of Materials Science: Materials in Electronic, 13 (2023)1419.
5. Dr. Nishi Gupta, Strongly ξ -I-Continuous Maps in $I_{\xi}^T S$, European Chemical Bulletin (ISSN 2063-5346) 12,(2023) 20919-20925.
6. Dr. Sonali K. Kale, Evaluating energy saving potential in micro cold storage units integrated with phase change material, Journal of the Brazilian Society of Mechanical Sciences and Engineering, 45(2023)514.
7. Dr. Brijesh Deshmukh, The quest of identity in rama Mehta's inside the havelii (1977), International Journal of Language & Literature, (2023)Published (Scopus)
8. Dr. Mohit Prasad, A Combined Theoretical and Experimental Investigation of 3D Ternary Perovskite-Like Silver Iodobismuthate, ChemistrySelect, 8 (2023) 45238.
9. Dr. Mohit Prasad, Plasmonic Au nanoparticles sensitized ZnO/CuO heterostructure for efficient photoelectrochemical water splitting, International Journal of Hydrogen Energy.
10. Ms. Falguni Bhavsar, A Nanocomposite of ZnO and N,P-Co-Doped Carbon Dots for the Photocatalytic Degradation of Various Dyes and their Kinetic Study, ChemistrySelect, (2023) Accepted Scopus (Q2)
11. Dr. Sandeep Patil, Digital Storytelling and The Intersection of Technology And Narrative, International Journal of Creative Research Thoughts 11 (f121-f126) (2023)
12. Ms. Falguni S. Bhavsar, Assessment of moisture and chloride content in wall at different ages of buildings, Springer ((2023).
13. Dr. Sandeep Patil, INTEGRATION OF CIRCULAR ECONOMY PRINCIPLES IN GREEN CONSTRUCTION PRACTICES, European Chemical Bulletin (ISSN 2063 5346), 12 (2023) 3109-3114.
14. Ms. Falguni S. Bhavsar, Assessment of Chloride Content in Plaster in Residential Buildings, International Journal of Concrete Technology, 2023 Accepted.

Fitness First Festival (FFF) 2023-24August Events and Activities

1. Music Therapy session by Mrs. Sunita Gangrade 12/08/2023 in Architecture Hall.
2. A walkathon was arranged on 09/09/2023 at 6:30am. 150+ students and faculty have participated.



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**77TH INDEPENDENCE DAY
FLAG HOISTING CEREMONY**

CHIEF GUEST
Major Milind Wathare (Retd.)
Indian Army

on 15th August 2023, at 07:30 AM.
Venue: PCET Campus, Near Akurdi Railway Station, Nigdi, Pune - 411044

Flag hosting ceremony on 77th Independence Day of India by the hands of Major Milind Wathare (Retd.) Indian Army.
A token of love and appreciation is offered by all the Directors, Principals in the campus.



PCCoE Announcement

PFFF, Organizes, **"Healthy Food Fair and Competition"**, first time for PCCoE faculties and students. Healthy food helps to: Improve memory & concentration; Improve immune system; Handle stress better; Weight loss.
Guideline, Rules and regulations for the competition:

- No cooking on site,
- Participants should report the venue one hour before,
- College will provide one table and two chairs per stall,
- Arrangement of the stall will be the decision of the Organizer,
- Participants are solely responsible for his/her belongings,
- Participants can sell their food items,
- Participants need to maintain the decorum and cleanliness around the stall after completion of the event,

Registration link:
<https://forms.gle/FG9p9LU8pe8Ysjbp7>

PCCoE Fitness First Festival² Year 2023-24

Healthy Food Fair & Competition

Let Food be Thy Medicine

Date:
30th Sept 2023
Time:
9:30 am Onwards
Venue:
Basement
Architecture
Building

**PCET'S
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COLLEGE OF
ENGINEERING**

ICCUBEA 2024

23 & 24 AUGUST 2024

TRACKS

- Signal and Image Processing
- Robotics, Control and Automation
- Electronics and Communication Systems
- Power Systems and Renewable Energy
- VLSI & Embedded Systems
- Data Science and Big Data Analytics
- Internet of Things and Computer Networks
- Image Processing and Computer Vision
- Cognitive Computing and Machine Learning
- Information, Cyber and Network, Security
- Computer Applications and Business Management
- Special Tracks

**FULL PAPER
SUBMISSION
30 MARCH 2024**

**PAPER ACCEPTANCE
30 MAY 2024**

**REGISTRATION AND
PAYMENT
15 JULY 2024**

**CAMERA READY PAPER
SUBMISSION
15 JUNE 2024**

VISIT FOR MORE INFO

**3rd International Conference on
Innovations in Mechanical
And
Civil Engineering**

Jointly Organized by
Department of Mechanical Engineering
and
Department of Civil Engineering
**Pimpri Chinchwad College of Engineering,
Pune 411 044 (INDIA)**

Conference Theme: "Resilient and Adaptive Smart Technologies"
(23rd and 24th August 2024)

Conference Topics

Code	Topic	Code	Topic
M1	Modelling, Simulation & Optimization Techniques	C1	Waste and Water Management plans for Sustainable Environment
M2	Sustainable Materials and Manufacturing	C2	Smart Cities and Construction Technologies
M3	Resilient and Adaptive Design	C3	Alternative Structural Engineering
M4	Thermal and Fluid Engineering	C4	Transportation and Environmental Geotechnics
M5	Alternative and Renewable Energy	C5	Automation & soft Computing in Civil Engineering
M6	Smart Manufacturing		
M7	Sustainability in Design	CM	Indian Knowledge System in Mechanical and Civil Engineering
M8	Industry 4.0		

Accepted papers of i-MACE 2024 will be published in SCOPUS-indexed Conference Proceedings and Journals.

Important Dates

- > Submission of Full-Length Paper by 28th Feb 2024
- > Notification of acceptance of Paper by 15th Mar 2024
- > Submission of Final Full-Length Paper by 15th April 2024
- > Early bird Registration on or before 30th April 2024

Paper submission guideline is available On www.i-mace.pccoesune.com

PCET's Pimpri Chinchwad College of Engineering
Sector No. 26, Pradhikaran, Nigdi Pune, Maharashtra,
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अत्यंत महत्त्वाचे - स्वामी विवेकानंद युवा सुरक्षा योजनेबाबत

महोदय/महोदया,

शासन निर्णयानुसार राज्यातील अकृषी विद्यापीठे तसेच संलग्नित महाविद्यालय/परिसंस्थेतील विद्यार्थ्यांसाठी ऐच्छिक स्वरूपाची विद्यार्थी वैयक्तिक अपघात विमा (Personal Accident Insurance) तसेच विद्यार्थी वैद्यकीय विमा (Medical Insurance) योजना लागू करण्यात आली आहे. शासन निर्णयानुसार सदर वैयक्तिक अपघात विमा (Personal Accident Insurance) तसेच विद्यार्थी वैद्यकीय विमा (Medical Insurance) योजनेचे "स्वामी विवेकानंद युवा सुरक्षा योजना" असे नामकरण करण्यात आले आहे. या संबंधीचे शासन निर्णय आपल्या माहितीसाठी व उचित कार्यवाहीसाठी सोबत जोडले आहे.

सदर ऐच्छिक स्वरूपातील 'स्वामी विवेकानंद युवा सुरक्षा योजना' दराबाबतची माहिती खालीलप्रमाणे आहे.

अ.क्र.	कंपनीचे नाव	विद्यार्थी वैयक्तिक अपघात विमा १ लक्ष साठी प्राप्त न्युनतम दर (रूपये)	विद्यार्थी वैयक्तिक अपघात विमा ५ लक्ष साठी प्राप्त न्युनतम दर (रूपये)	विद्यार्थी वैद्यकीय विमा रु. २ लक्ष साठी प्राप्त न्युनतम दर (रूपये)
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PCCoEs Achievements



'पीसीसीओई'ने पटकावले अकरा सुवर्ण पदके

सावित्रीबाई फुले पुणे विद्यापीठाच्या परीक्षेत संस्थेचे यश



पिंपरी, ता. ५ : अभियांत्रिकी शाखेच्या अंतिम वर्षांच्या परीक्षेत (मे २०२२) सुवर्णपदकप्राप्त विद्यार्थ्यांची घोषणा सावित्रीबाई फुले पुणे विद्यापीठाने केली. त्यात पिंपरी-चिंचवड एज्युकेशन ट्रस्टच्या (पीसीसीओई) पिंपरी-चिंचवड कॉलेज ऑफ इंजिनिअरिंगच्या (पीसीसीओई) विद्यार्थ्यांनी अकरा सुवर्ण पदके पटकावली. यामध्ये मनजितसिंग गिरसे, हर्षदा खिलारी व श्रेया गुंजाळ यांचा समावेश आहे.

श्रेया गुंजाळने (बीई मेकेनिकल) टेक. एम. फेलो अवॉर्ड टेक महिंद्रा, आयव्हेदतीर्थ हरी विष्णू देसवंडीकर, जी. एस. रायसोनी, वामन केशव सावळे, पद्मश्री कर्मवीर काकासाहेब वाघ ही सुवर्णपदके मिळवली. तिने मुर्लीमध्ये प्रथम स्थानही पटकावले. मनजितसिंग गिरसेने (बीई सिव्हिल) पी. एस. शारंगपाणी, जी. एस. रायसोनी, डॉ. पी. डी. पाटील अशी सुवर्णपदके मिळवली. हर्षदा खिलारीने (बीई इ अॅण्ड टीसी) गोविंद काशिनाथ वाणी, जी. एस. रायसोनी, श्रीकांत रामचंद्र कुलकर्णी ही सुवर्णपदके पटकावली. ट्रस्टचे अध्यक्ष

ज्ञानेश्वर लांडगे, उपाध्यक्ष पद्माताई भोसले, सचिव विठ्ठल काळभोर, खजिनदार शांताराम गराडे, विश्वस्त हर्षवर्धन पाटील, उद्योजक नरेंद्र लांडगे, अजिंक्य काळभोर, कार्यकारी संचालक डॉ. गिरीश देसाई, पीसीसीओई संचालक डॉ. गोविंद कुलकर्णी, उपसंचालक डॉ. नीळकंठ चोपडे यांनी विद्यार्थी आणि प्राध्यापकांचे अभिनंदन केले.

उच्च शिक्षणात अग्रेसर
महाविद्यालयात प्रवेश घेतलेल्या

विद्यार्थ्यांना उच्च दर्जाच्या सुविधा तसेच दर्जेदार शिक्षण देण्यासाठी पीसीसीओई नेहमीच अग्रेसर आहे. गेल्या काही वर्षांत संस्थेने परदेशातील २३ विद्यापीठे, अनेक बहुराष्ट्रीय कंपन्यांबरोबर शैक्षणिक सामंजस्य करार केले आहेत. त्यामाध्यमातून शिक्षण पद्धती, कंपन्यांमधील विज्ञान, तंत्रज्ञानाचा वापर जवळून पाहण्याची संधी मिळते. विद्यार्थी व प्राध्यापकांनाही या अनुभवाचा भविष्यातील वाटचालीसाठी उपयोग होतो. त्यामुळेच आमचे विद्यार्थी आम्हांना खंबोरपणे सामोरे जात यशस्वी होतातच, असा विश्वास पीसीसीओईचे अध्यक्ष ज्ञानेश्वर लांडगे यांनी व्यक्त केला.

Pune, PCMC-Today
06/01/2024 Page No. 8



The Indian Knowledge System (IKS) is a vast repository of ancient knowledge that has been passed down through generations. It comprises of Jnan, Vignan, and Jeevan Darshan that have evolved out of experience, observation, experimentation, and rigorous analysis. The study of IKS is gaining momentum in technical institutes across India, with many institutions offering elective credit courses on the subject. The All-India Council of Technical Education (AICTE) has introduced a mandatory course on IKS while revising the Engineering and Management Curricula in 2018. The

IKS division of AICTE promotes interdisciplinary research on all aspects of IKS and has launched several initiatives to revive the vast repository of ancient knowledge.

The significance of IKS in present-day engineering education is immense. Mathematical concepts such as Pascal's triangles, principles of binary Math, and algorithms have their roots in ancient Indian knowledge systems. Exposure to these conventional and contemporary concepts can bring engineers closer to their cultural ethos, expand their intellectual horizons, and enhance their confidence. The study of IKS can instil pride in our youth and help them gain awareness of their rich heritage and the wealth of knowledge produced by ancient Indians. Are you ready to showcase your creativity and win big? We are excited to announce that we will be shortly launching a Poster Competition on Indian Knowledge Systems (IKS) at PCCoE. This is your chance to express your ideas and win attractive prizes! Selected posters will be sent for paid internship opportunities to AICTE, and projects will be designed and submitted to project competitions by AICTE based on the themes of the prize-winning posters. We have a dedicated IKS corner in every issue of Samvad, presenting articles on various themes related to IKS. The selected posters will be showcased through Samvad, giving you the opportunity to gain a deeper understanding of your cultural heritage and expand your intellectual horizons. So, what are you waiting for? Stay tuned for the announcement of the poster competition and let your creativity shine! ——— **Dr. Kanchan C. Khare** (Adjunct Professor)



PCCoEs NSS Camp Activities

PCCOE National Service Scheme Cell (A-053) organized Special Winter Camp 2022-24 from 25th December 2023 to 31st December 2023 at Inglun- Parithewadi, Maval, Pune. A total of 60 volunteers participated in this camp and conducted many social activities in a total of 7 days.

Various social activities were held under this camp, including street plays on various topics, cultural programs, health check-ups, sports competitions for school students, school renovations, wall painting on population awareness, voting awareness, village cleanliness, and Shivrajyabhisek Sohala Utsav. Also, necessary computer sets and sports material were provided to the school.

The inaugural ceremony on 25th December 2023, witnessed the presence of esteemed individuals, including Mr. Narendra Landge (PCET Management Representative), Dr. G. N. Kulkarni (Director, PCCOE), Dr. Pravin Kale (Dean SDW), and Mr. Dinesh Kute (NSS PO). The program reached its conclusion on 31st December 2023, in the presence of the Head Master of the school and members of the gram panchayat of Inglun-Parithewadi village. The collective efforts of the volunteers made this Winter Camp a meaningful and impactful experience for all involved.

