

Mahatma Education Society's
Pillai College of Engineering

Autonomous College Affiliated to University of Mumbai

(NAAC A+ Accredited, NBA Accredited, Highest Rated IIC, ARIIA Band Performer)



ANNUAL REPORT

A.Y 2022-23

Dr. K. M. Vasudevan Pillai Campus
Plot No. 10, Sector 16, New Panvel,
Navi Mumbai – 410 206, Maharashtra, India

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From Principal's Desk

Dear Readers,

Mahatma Education Society has celebrated its Golden Jubilee in 2020, which established Pillai College of Engineering in 1999 after establishing its name in the field of education through 30 years of experience. Our Computer, Mechanical, Information Technology, Electronics Engineering Undergraduate Courses are permanently affiliated to the University of Mumbai. Automobile Engineering, Electronics and Telecommunication Engineering and Information Technology courses are accredited and Computer Engineering and Mechanical Engineering courses are re-accredited by the prestigious National Board of Accreditation, New Delhi till 30th June 2025. PCE is also recognized by the University Grants Commission under section 2(f) and 12(b) schemes in which colleges are eligible to receive certain grants for specific schemes. The College is one of the prestigious institutions in India which is accredited by National Assessment and Accreditation Council (NAAC), Bengaluru with A+ Grade and ISO 9001:2015 certified. The Institute was conferred Autonomous status by the University Grants Commission from the academic year 2021-22. PCE offers Undergraduate (Bachelor of Technology), Postgraduate (Masters in Technology) and Doctor of Philosophy in Science & Technology (Ph.D) programs.

PCE cultivates students with advanced academic abilities by offering cutting-edge facilities and a distinguished teaching faculty spanning various disciplines. The college boasts Green Infrastructure, expansive classrooms, well-equipped laboratories, workshops, state-of-the-art computer labs, and a library, creating a dynamic learning environment. Collaborations with industries through Memoranda of Understanding (MoU) facilitate Industry-Academic Innovative Practices, research activities, placement training, mandatory internships, promotion of cultural and sports activities, ongoing conferences, workshops, seminars, and support for startups. This comprehensive approach provides students with a distinct advantage. The college is committed to personalized mentorship, with faculty members offering individual guidance to approximately twenty students each.

We are delighted to present this comprehensive report detailing the myriad activities conducted during the academic year 2022-23. It marked the Institute's first full academic year with autonomy status. The Institute worked diligently to leverage this autonomy, aiming to provide students with a world-class learning platform featuring an exceptional curriculum tailored to the evolving needs of the world. The curriculum was strategically crafted to enhance graduates' employability, foster successful entrepreneurship, and encourage profound research endeavors. Conducting examinations posed a unique challenge, given the blend of autonomy and university curriculum. Nevertheless, I take pride in acknowledging that our faculty dedicated their best efforts to seamlessly implement the autonomy, ensuring a smooth and effective educational experience.

Each department successfully constituted its Board of Studies and received approval for the implementation of an autonomous syllabus starting from the academic year 2022-2023. The institute actively participated in the NIRF-Innovation Rankings 2023, securing a position among the top 300 engineering colleges nationwide. In addition, an AICTE Approved IdeaLab was established to foster innovation within the institute. The institution achieved a 4 Star Rating in the Institutions' Innovation Council 4.0 (2021 - 22) and also received the Best Poster Award at the IIC regional meet held in Pune. PCE was also honored with the Times ASCENT Skill Development Leadership Award.

Notably, the institute secured the All India Rank 62 in the Internshala Annual Ranking for 2022 among 500+ participating colleges. The "Pillai Group of Institutions" was also conferred with the prestigious "Lokmat Navi Mumbai and Panvel Gaurav Award 2023". Furthermore, PCE was selected as one of the Five Nodal Centres nationwide to host the Grand Finale of KAVACH 2023, a 36-hour Non-Stop Cyber Security Hackathon. This event was jointly organized with AICTE, Ministry of Home Affairs, Ministry of Education, and MIC.

Moreover, the institute has inked 11 Memorandums of Understanding (MOUs) with various agencies, creating opportunities for collaborative research among faculty and internships for students. Noteworthy is the expansion of PhD intake at the Mechanical Engineering, Computer Engineering, and Information Technology Research Center from 10 to 20, fostering an environment of increased research initiatives within the institution.

Six faculty members at PCE successfully completed their Ph.D. During the year, both faculties and students collectively filed/received 10+ patents/copyrights. The institute also witnessed the

publication of over 50 research papers in reputed National and International journals. Notably, project grants totaling approximately ten lakhs were secured from various National and International agencies.

In a commitment to skill development, departments and student chapters organized more than 100 Skill Enhancement programs, aimed at nurturing the skill sets and knowledge of both students and faculties. Numerous students pursued internships at various agencies, gaining practical experience and exposure.

The placement scenario was robust, with over 250 students securing positions, boasting an average package of 4.4 lakhs and the highest package reaching 7.6 lakhs. Additionally, more than 50 students gained admission to various foreign universities for higher studies.

Pillai College of Engineering made a significant mark in national competitions, with four teams selected to compete in the Smart India Hackathon Finale, of which two emerged as winners. Furthermore, students excelled in district-level events such as Startup Bootcamp and Innovation Pavilion of the ASM international, earning accolades. The achievements extended beyond academics, with students showcasing their prowess in different sports competitions, earning recognition at various levels.

I extend my heartfelt congratulations to all the dedicated faculty members who, despite facing challenging times, remained motivated and focused in organizing and coordinating these events. My best wishes go out to everyone for brighter times ahead. We have not only increased our visibility but also shouldered the responsibility of sustaining such activities for both students and faculty members.

Engaging with Pillai College of Engineering promises to be an enriching experience for all our stakeholders. The years spent in higher education will play a crucial role in the professional growth of our youth. Our objective is to consistently prepare the next generation of engineers, instilling in them qualities of innovation, leadership, and creative problem-solving. PCE is unwavering in its commitment to ensuring the utmost satisfaction of students, their parents, and potential employers.

I am confident that, equipped with contemporary education and strong moral values from PCE, our students will confidently stride forward to attain glory and success in their professional, social, and personal lives.

Acknowledgement

It gives us great pleasure and immense satisfaction to present the Annual Report of Pillai College of Engineering for the academic year 2022-23. The consistent growth of the institute seen in this report is possible due to the unstinted guidance and focused direction of Dr. K M Vasudevan Pillai, Honourable Chairman Mahatma Education Society, and Dr. Priam Pillai, Chief Operating Officer Mahatma Education Society.

Motivating guidance from Dr. P. S. Goyal, Dean R&D, Administrative help from Mr. P. V. Niranjana, Registrar and untiring support by Prof. Pragnesh Shah, Director Admissions, have always been the strength of PCE.

We express our sincere gratitude to respective head of the departments Dr. Arun Pillai, Applied Science Mathematics and Humanities, Dr. Amey Marathe, Automobile Engineering, Dr. Sharvari Govilkar, Computer Engineering, Dr. Monika Bhagwat, Electronics and Computer Science Engineering, Dr. Avinash Vaidya, Electronics & Telecommunication Engineering and IIC Coordinator, Dr. Satishkumar Varma, Information Technology, Dr. Divya Padmanabhan, Mechanical Engineering, Dr. Prashant Lokhande, Training and Placement Officer, Dr. Prashant Nitnaware, PG and Ph.D Coordinator, Dr. Manju Pillai and Dr. Sachin Wani, Exam Cell Incharge.

We also express our sincere thanks to all Criteria Incharges of NAAC Prof. Jayashri Bhosale, Dr. Shreedevi Kulkarni (C-1), Prof. Varunakshi Bhojane, Prof. Sonali Kathare, Prof. Meeta Vedpathak (C-2), Dr. Gajanan Thokal, Prof. Geeta Karmarkar (C-3), Dr Rashed Ali, Dr. Ravindra Nikam (C-4), Prof. Payel Thakur, Prof. Anup Vanage (C-5), Prof. Amey Marathe, Prof. Rubina Shaikh (C-6), Prof. Suchitra A. Patil, Prof. Jisha Satheesh (C-7) and their respective team members for timely response referring to data collection required for the compilation of the Annual Report.

We also acknowledge the contributions of student bodies and chapters namely PCE Student Council and it's faculty advisors Dr. Biswajit Panda, Prof. Yogesh Kene, IEEE student members and faculty Coordinator Prof. Padmaja Bangde, ETSA student members and Faculty Coordinator Prof. Tusharika Banerjee, ISHRAE student members and faculty advisors Prof. Pruthviraj Rahane & Prof. Shahid Shaikh, AESA-MESA student members and faculty coordinators Prof. Amey Marathe, Vanguard Racing Team and faculty advisor Dr. Divya Padmanabhan, Hyperion and Spark Racing Team and faculty advisor Prof. Amey Marathe, CSI and Hackathon coordinator Prof. Varunakshi Bhojane, TAPAS team and faculty advisor Prof. Shilpa Mondkar, Deep Blue

Coordinator Prof. Sheetal Gawande , NSS program officers Prof. Archana Ingole, Prof. Akshay Jadhav and Nature Club faculty advisor Prof. Biswajit Panda.

We express our heartfelt gratitude to all PCE faculty members for their timely cooperation. Last, but not the least, we sincerely thank all our student chapter members, administrative staff and all others who have directly or indirectly contributed in making this Annual Report.

Last but not the least, a deep gratitude towards the dedicated efforts of Dr. Richa Agrawal, Prof. Suchitra A. Patil, Prof. Aboli Khedkar, Prof Jisha Satheesh and Prof. Savita Sawant, Annual Report Coordinators, as this report has seen the light of the day due to their sincere efforts.

Dr. Sandeep M. Joshi,

Principal

Dr. Sharvari Govilkar and Dr. Monika Bhagwat,

IQAC Coordinators.

Introduction

Vision & Mission

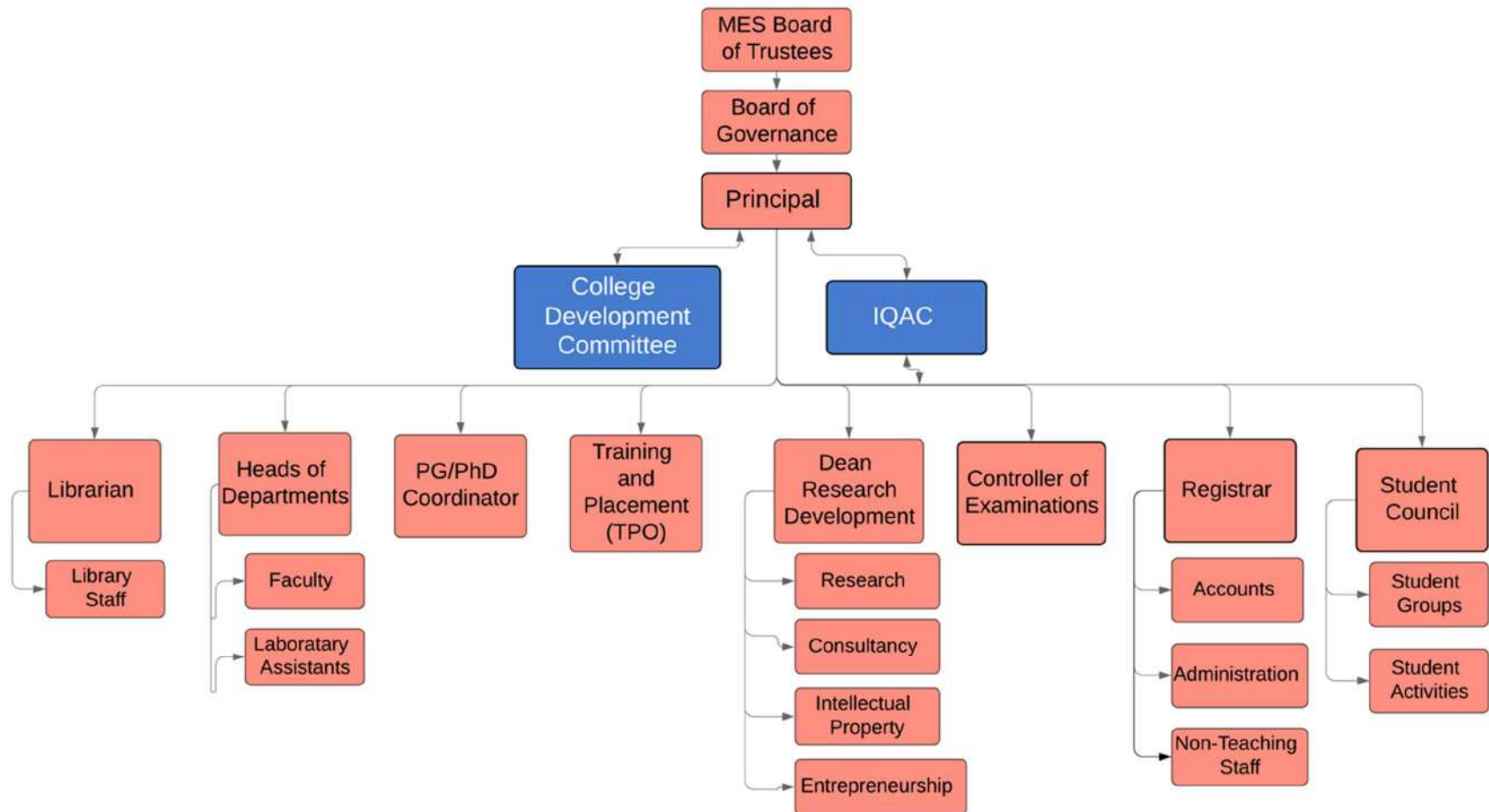
Vision

Pillai College of Engineering (PCE) will admit, educate and train a diverse population of students who are academically prepared to benefit from the Institute's infrastructure and faculty experience, to become responsible professionals or entrepreneurs in a technical arena. It will further attract, develop and retain, dedicated, excellent teachers, scholars and professionals from diverse backgrounds whose work gives them knowledge beyond the classroom and who are committed to making a significant difference in the lives of their students and the community.

Mission

To develop professional engineers with respect for the environment and make them responsible citizens in technological development both from an Indian and global perspective. This objective is fulfilled through quality education, practical training and interaction with industries and social organizations.

Organization Structure



Pillai College of Engineering Organogram

Board of Governance

Name of the Member	Status of Committee Member
Dr. K.M. Vasudevan Pillai	Chairman
Dr. (Mrs) Daphne Pillai	Member
Dr. Priam V. Pillai	Member
Mr. Franav Pillai	Member
Prof. Munawira Kotyad Pillai	Member
UGC Nominee Prof. (Dr.) Rabindra Kumar Sahu	Member
University Nominee Prof. Sunil Bhirud	Member
State Government Nominee Mr. Pramod A. Naik	Member
Dr. Bernard M	Member
Dr. Sharvari S Govilkar	Member
Mr. Pragnesh Shah	Member
Dr. Sandeep M Joshi	Member Secretary

Academic Council

Name of the Member	Status of Committee Member
Dr. Sandeep M Joshi	Principal, Chairman
Dr. Arun S Pillai	HoD, Applied Science, Mathematics and Humanities
Dr. Divya Padmanabhan	HoD, Automobile Engineering
Dr. Sharvari S Govilkar	HoD, Computer Engineering
Dr. Monika Bhagwat	HoD, Electronics and Computer Science
Dr. Avinash R Vaidya	HoD, Electronics and Telecommunication Engineering
Dr. Satishkumar L Varma	HoD, Information Technology
Dr. Dhanraj P Tambuskar	HoD, Mechanical Engineering
Dr. Priam V Pillai	COO, Mahatma Education Society
Dr. Prashant Lokhande	Training & Placement Officer, PCE
Dr. Prashant Nitnaware	PG Coordinator, PCE
Dr. R H Khade	Member
Dr. Sudhir D Sawarkar	University Nominee Principal, Datta Meghe COE, Airoli
Dr. G T Thampi	University Nominee Principal, Thadomal Shahani Engg College, Bandra
Dr. Hari Vasudevan	University Nominee Principal, D J Sanghvi COE, Vile Parle
Mr. Hitesh Modi	Director, Jaydee Electronics Pvt. Ltd
Mr. Satish Shetty	President, Taloja Industrial Association
Mr. Maruti Pawar	MD, Amptronics Techno Pvt. Ltd.
Mr. Ravi Chandran Raj	Chairman and Managing Director, Arrows Mining Technologies Pvt. Ltd
Prof. Pragnesh Shah	Member Secretary

BoS - Automobile Engineering Department

SN	Name of the Member	Status of Committee Member
1	Dr.Divya Padmanabhan	Coordinator (Chairman)
2	Prof.Amey Marathe	Teacher
3	Dr.Basavraj S Talikoti	Teacher
4	Prof.Ameya Nijasure	Teacher
5	Dr.S.R.Kumbhar	Academic Council Nominee
6	Mr.Sanjay Nibhande	Academic Council Nominee
7	Dr.Prasanna Nambiar	Vice Chancellor Nominee
8	Mr.Narayan Kulkarni	Placement Representative
9	Mr.Tejas Kamath	Alumnus Nominee
10	Dr.K.C.Vora	Industry Expert
11	Dr.Vivek Yakkundi	Subject Expert
12	Dr. Rajshekar Sadargi	Subject Expert
13	Mrs.Vaishali Kumbhar	Other Member of Staff of Same Faculty

BoS - Computer Engineering Department

SN	Name of the Member	Status of Committee Member
1	Dr. Sharvari S. Govilkar	Coordinator (Chairman)
2	Dr. Prashant P Nitnaware	Teacher
3	Prof. Varunakshi Bhojane	Teacher
4	Prof. Payel Thakur	Teacher
5	Dr. Neeta Deshpande	Academic Council Nominee
6	Dr. Jyoti Malhotra	Academic Council Nominee
7	Dr. Kavita Sonawane	Vice Chancellor's Nominee
8	Miss. Pranita Mahajan	Postgraduate Alumnus Nominee
9	Mr Samir Mahindre	Industry Expert
10	Prof. Deepti Lawand	Other Member of Staff of Same Faculty

BoS - Electronics and Computer Science Department

SN	Name of the Member	Status of Committee Member
1	Dr. Monika Bhagwat	Coordinator (Chairman)
2	Dr. Rajendrakumar H. Khade	Teacher
3	Prof. Ajit Saraf	Teacher
4	Prof. K.S. Charumathi	Teacher
5	Dr Bhavana Ambudkar	Academic Council Nominee
6	Dr. Seema Shah	Academic Council Nominee
7	Dr. S J Bhosale	Vice Chancellor's Nominee
8	Mr. Sambhaji N. Kadam	Industry Representative relating to placement
9	Mr. Rajat Tyagi	Alumnus Nominee
10	Mr Prashant Kathole	Industry Expert
11	Prof. Ravi Biradar	Other Member of Staff of Same Faculty

BoS - Electronics and Telecommunication Engineering Department

SN	Name of the Member	Status of Committee Member
1	Dr. Avinash R. Vaidya	Coordinator (Chairman)
2	Prof. Jayashree Bhosale	Teacher
3	Prof. Ruchira Patole	Teacher
4	Prof. Ameet Mehta	Teacher
5	Dr. Tusharika Banerjee	Teacher
6	Prof. Suchitra Patil	Teacher
7	Dr. Saurabh Nagar	Academic Council Nominee
8	Dr. S. J. Bhosale	Vice Chancellor Nominee
9	Mr. Neil Ravindra Savant	Placement Representative
10	Mr. Somesh Ransubhe	Alumnus Nominee

BoS - Information Technology Department

SN	Name of the Member	Status of Committee Member
1	Dr. Satishkumar L. Varma	Coordinator (Chairman)
2	Dr. Sushopti Gawade	Teacher
3	Dr. Madhu N	Teacher
4	Prof. Gayatri Hegde	Teacher
5	Dr. Sanjay Shitole	Academic Council Nominee
6	Dr. Sunil B. Mane	Academic Council Nominee
7	Dr. Kavita Sonawane	Vice Chancellor's Nominee
8	Mr. Shubhamsatyam Verma	Undergraduate Alumnus Nominee
9	Mr. Ankit Sharma	Postgraduate Alumnus Nominee
10	Mr. Manoj Sarode	Industry Expert
11	Prof. Sheetal Gawande	Other Member of Staff of Same Faculty

BoS - Mechanical Engineering Department

SN	Name of the Member	Status of Committee Member
1	Dr. Dhanraj P Tambuskar	Coordinator (Chairman)
2	Dr. Gajanan N Thokal	Teacher
3	Dr. Richa Agrawal	Teacher
4	Mr. Debdatta Acharya	Academic Council Nominee
5	Dr. Prasanna Nambiar	Vice Chancellor Nominee
6	Mr. Nandkishore Nemade	Industry Expert
7	Mr. Anand Khandekar	Alumnus Nominee

Quality Assurance

Academic and Administrative Audit (AAA)

Academic and Administrative Audit (AAA), are very essential for excellence in Higher Education. These are interrelated concepts. Thus in order to have a quality oriented academic, there should be a strong administrative background.

Academic Audit - Academic audit can be understood as a scientific and systematic method of reviewing the quality of academic process in the institution. It is related to quality assurance and enhancing the quality of academic activities in the institute.

Administrative Audit - It can be defined as a process of evaluating the efficiency and effectiveness of the administrative procedure. It includes assessment of policies, strategies & functions of the various administrative departments' control of the overall administrative system etc.

Objectives of AAA

1. To understand the existing system and assess the strengths and weaknesses of the Departments and Administrative Units and to suggest the methods for quality improvement and for overcoming the weaknesses.
2. To identify the bottlenecks in the existing administrative mechanisms and to identify the opportunities for academic reforms, administrative reforms and examination reforms etc.

Perspective Plan 2019-2024

Strategic Goals and Implementation Plan

Goal 1: Improve Teaching Learning

1. More Industry Involvement in curriculum development
2. Regular External Academic Audits
3. More Add-On/Certificate/Skill Development courses to be offered to students
4. Additional content on Institute's E-Learning Portal & encouragement of MOOCs and NPTEL
5. Increase utilization of E-resources in the library

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Industry Involvement in Curriculum Development	Establish ad-hoc BoS for each department including industry experts	Implement add on courses prior to academic autonomy	Implement reformed curriculum with academic autonomy		
External Academic Audit	Academic Audit of Electronics and Electronics & Telecommunication Engg. Departments	Academic Audit of Mechanical & Automobile Engg. Departments	Academic Audit of Computer Engineering and Information Technology Departments	Academic Audit of Electronics and Electronics & Telecommunication Engg. Departments	Academic Audit of Mechanical and Automobile Engg. Departments
Add on Courses	20	30	50	50	50
Student certifications from NPTEL/edX, etc.	500	750	1000	1000	1000
Library E-Resources	Include literature review in curriculum in FE-PBL	Mandate use of institute E-resources for PG and PhD students	Review effectiveness of new policies		

Goal 2: Increase Research Impact

1. Start four new Centers of Excellence in Polymer Science, Web Data Mining and Cyber Security, Solar Radiation Data Center
2. Start PhD Center in Electronics Engineering
3. Encourage publications in quality journals

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
New Centers of Excellence	Appoint faculty in charge of new centers of excellence	Make budgetary provisions for each Center	Review and Monitor Progress of each center	Review and Monitor Progress of each center	Review and Monitor Progress of each center
PhD Center in Electronics Engineering	Apply to University of Mumbai for PhD center in Electronics Engineering	Start PhD course in Electronics Engineering	Review and Monitor Progress of center	Review and Monitor Progress of center	Review and Monitor Progress of center
Publications in Quality Journals	10 publications in high impact factor journals	20 publications in high impact factor journals	30 publications in high impact factor journals	30 publications in high impact factor journals	30 publications in high impact factor journals

Goal 3: Improve Training and Placement

1. Have job offers to 100% of graduating final year students
2. Have faculty develop industry relevant case studies for each course being taught
3. 100% of students to be engaged in internships during the 4 years

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Job offers for 100% of final year students	50%	60%	75%	95%	100%
Industry relevant case studies for each course	10% of Courses	25% of Courses	50% of Courses	75% of Courses	100% of Courses
100% of Students engaged in internships	40% of Students	50% of Students	75% of Students	90% of Students	100% of Students

Goal 4: Technology Transfer to Industry

1. Increase IPR and Patents generated by the institute
2. Partner with Industries for student/research projects
3. Establish MOUs with Industries for technology IP sharing

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Increase IPR and Patents generated by the institute	Establish an IP committee to review patents submitted by faculty. Make budgetary provisions	3 patents	5 patents	10 patents	10 patents
Partner with Industries for student/research projects	20 Industry relevant Projects	30 Industry relevant Projects	40 Industry relevant Projects	50 Industry relevant Projects	50 Industry relevant Projects
Establish MOUs with Industries for technology IP sharing	5 IP related MOUs	10 IP related MOUs	10 IP related MOUs	10 IP related MOUs	10 IP related MOUs

Goal 5: Strengthen Alumni Engagement

1. Encourage all Alumni to follow the college on social media
2. Encourage Alumni to register on MES Alumni Platform
3. Improve PCE social media content
4. Increase the number of alumni events per year

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Alumni to follow the college on social media	Share PCE alumni pages widely on social media and institute email lists				
Alumni to register on MES Alumni Platform	Publicize PCE Alumni platform on social media	1000 registrations	1500 registrations	3000 registrations	All Alumni registered
Improve PCE social media content	Appoint more students to monitor and update institute social media	2-4 posts per week on each page	5-10 posts per week	5-10 posts per week	5-10 posts per week
Number of alumni events per year	4	10	10	10	10

Goal 6: Have a greater impact on local community

1. Establish NSS
2. Increase the number of courses that incorporate environment and sustainability
3. Organize hackathons on various socially relevant topics
4. Adopt a local village
5. Organize a river side clean up drive
6. Increase Utilization of Renewable Sources of Energy

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Establish NSS Unit	Apply to University to establish NSS unit	NSS conducts 2 events per year	Review NSS Activities	Review NSS Activities	Review NSS Activities
Number of courses that incorporate environment and sustainability	2	5	5	5	5
Organize hackathons on various socially relevant topics	1	2	2	2	2
Adopt a local village	Identify a local village to adopt and identify projects that the institute can initiate for that village	Initiate one Project	Monitor the implementation of Project 1 and start a new project.	Review effectiveness of new project. Extend further support to village when required	
Organize a river side clean up drive	Organize an annual riverside clean up drive. Appoint Faculty Coordinator	Organize annual riverside clean up drive	Organize annual riverside clean up drive	Organize annual riverside clean up drive	Organize annual riverside clean up drive
Decrease energy consumption and increase utilization of renewable energy resources	Switching to low energy consuming gadgets/fixtures	Initiate energy audit and identify the possibilities of reduced energy consumption	Enhance the capacity of existing Solar PV plant	Review effectiveness of the steps taken towards the goal	

Goal 7: To become an Autonomous Institute

1. Get NAAC accreditation
2. Get NBA accreditation of non-accredited departments
3. Establish department wise ad-hoc Boards of Studies to evaluate the curriculum
4. Increase stakeholder awareness about Autonomy
5. Apply to UGC for Autonomy

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
NAAC accreditation	Apply for NAAC accreditation	Become NAAC accredited			
NBA Accreditation	3	4	6	6	6
Department wise ad-hoc Boards of Studies	Establish Department wise ad-hoc Boards of studies	Review functioning of Boards of Studies	Convert ad-hoc BoS into BoS	Review functioning of Boards of Studies	Review functioning of Boards of Studies
Stakeholder Awareness about Autonomy	Conduct 3-4 workshops on autonomy	Incorporate Autonomy related information on website	-	-	-
Apply to UGC for Autonomy	Preparation for Autonomy	Apply to UGC	Become Autonomous Institute		

Goal 8: Augment Institutional Income

1. Rent out facilities (classrooms, labs) to various Government and Private bodies for the conduct of examinations during holidays
2. Increase the amount of consultancy to the institute

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Rent out facilities (classrooms, labs)	Identify facilities that can be rented out such as computer labs, seminar halls etc	Advertise the availability of resources to various agencies and companies	No of rentals days 30	No of rentals days 50	No of rentals days 100
No of Consulting Projects	20	40	60	80	100

Goal 9: Introduce 7th Pay Commission

1. Conduct financial analysis of the impact of 7th pay commission
2. Apply for increase in student fees

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Financial analysis of the impact of 7 th pay commission	Financial Analysis and Budgetary Provisions	Implement 7 th Pay Commission			
Increase in Student Fees	Apply for Increase in approved student fees	Apply for Increase in approved student fees	Apply for Increase in approved student fees	Apply for Increase in approved student fees	

Goal 10: Automate More Administrative Tasks

1. Automate tracking of NAAC and NBA related documentation
2. Further upgrade Mentor and Mentee Portal (ASK Portal)

Implementation Plan

Strategic Goal	2019-20	2020-21	2021-22	2022-23	2023-2024
Automate tracking of NAAC and NBA related documentation	Fully Automate online PBAS to capture NAAC and NBA documentation		Add any NAAC and NBA criteria	Add any NAAC and NBA criteria	Add any NAAC and NBA criteria
Further upgrade Mentor and Mentee Portal	Update Mentor and Mentee portal to track placement and Higher education data		Review Portal	Review Portal	Review Portal

IQAC Initiatives

SN	Activity Details	
1	Research initiatives	<p>One-day conference on “Advances in Polymer Processing in Sustainable Development (APPSD 2022)” was conducted on 15th October 2022 in association with Polymer Processing Academy and IIT Bombay.</p> <hr/> <p>One-day seminar on Technologies for Future Cities conducted on Tuesday, 8th November, 2022 which includes the following plenary talks:</p> <ol style="list-style-type: none"> 1. Plenary Talk 1 Title: Need of Cyber Security and Digital Forensics in Future Cities by Shri Nikhil Mahadeshwar (Cyber Secured India, Mumbai) 2. Plenary Talk 2 Title: 5G NR - Indian Challenges and Solutions by Shri Akhilesh C. Srivastava (Director, R & D and Product Management, Grok Learning Private Ltd, Sion, Mumbai) 3. Plenary Talk 3 Title: Hydrogen the Future of Green Energy: Role of Nuclear Power in Clean Energy Transition by Dr. P. K. Patro (Powder Metallurgy Division, Bhabha Atomic Research Centre, Mumbai) <hr/> <p>DST Inspire Fellowship Review Meeting conducted on 16th and 17th January, 2023.</p>
2	Administrative initiatives	<p>Academic Administrative Audit of all the departments was conducted on 30th June 2023 by Academic audit committee and follow up action was initiated</p> <hr/> <p>Participated in NIRF-Innovation Rankings 2023 and ranked in the top 300 Engineering colleges all over India</p> <hr/> <p>Institute is ISO 9001:2015 certified and date of validity is upto 10th June 2023</p>
3	Accreditation related initiatives	<p>5 departments of PCE namely Automobile engineering, computer Engineering, Electronics and telecommunication Engineering, Information Technology, Mechanical engineering are NBA accreditation till May 2025.</p>
4	Academic initiatives to	<p>Expert Talk on Programming Fundamental by Kshitija Tilekar Software Engineer Citi Bank</p>

	<p>enhance Teaching Learning</p>	<p>Expert Talk on SQL injection by Mr. Mahadev Gavas, Security Analyst, Cyber secured India.</p>
		<p>Expert Talk on Robotics Surgery by Mr. Rohit Gupta from Medtech Pvt Ltd and Mr. Altamash from Johnson and Johnson Medtech Pvt Ltd.</p>
<p>5</p>	<p>Industry Institute Interaction initiative</p>	<p>An orientation program on 2 Months Internship on Software Testing conducted on 10th march 2023 By Dept of COMP and IT in collaboration with Tristha Global Pvt Ltd. Mumbai, Internship duration : 10 th May 2023 to 30 th June 2023</p> <p>Seminar on Shaping Career Opportunities through Innovations by Dr. A P. Jayaraman and Mr. Baldevkrishan Sharma CIIA.</p> <p>Industrial Visit to Kruger Ventilation, Yotta and Silvassa</p> <p>MOU signed with</p> <ol style="list-style-type: none"> 1. Sandevin Analytics 2. Thinkerstation Pvt.Ltd. 3. Tristha Global Pvt. Ltd. Mumbai 4. Saintiant Technologies 5. Cyber Secured India 6. EKEEDA Pvt. Ltd. 7. EXCELR Solution, Bengaluru, Karnataka 8. Creto 9. Paras Anti-Drone 10. SIKCO 11. Go-Green

Academics

Programs Offered

Bachelor of Engineering, Master of Engineering and Ph.D. Programs

Degree	Courses	Year of Establishment	Sanctioned Strength
B Tech	1. Computer Engineering	1999	180
	2. Information Technology	1999	120
	3. Electronics & Computer Science (Formerly Electronics Engineering)	1999	90
	4. Mechanical Engineering	2002	90
	5. Electronics and Telecommunication Engineering	2007	90
	6. Automobile Engineering	2009	60
M Tech.	1. Information Technology	2008	12
	2. Mechanical Engineering - CAD/CAM & Robotics	2008	18
	3. Computer Engineering	2009	12
	4. Electronics Engineering	2009	12
	5. Mechanical Engineering - Thermal Engineering	2011	18
	6. Defense Technology	2021	30
Ph.D	1. Computer Engineering	2017	20
	2. Mechanical Engineering	2017	20
	3. Information Technology	2019	20
	4. Electronics Engineering	2022	10

Status of Admission

Programme Name	Number of Seats Sanctioned	Number of Students Admitted
Automobile Engineering	60	33
Computer Engineering	180	185
Electronics and Computer Science	90	90
Electronics and Telecommunication Engineering	90	89
Information Technology	120	122
Mechanical Engineering	90	67
Computer Engineering (PG)	12	2
Electronics Engineering (PG)	12	1
Information Technology (PG)	12	4
Mechanical Engineering (PG) – CAD/CAM & Robotics	18	1
Mechanical Engineering (PG) – Thermal Engineering	18	5
Computer Engineering(PhD)	20	9
Mechanical Engineering(PhD)	20	9
Information Technology (PhD)	20	4
Electronics Engineering (PhD)	10	5

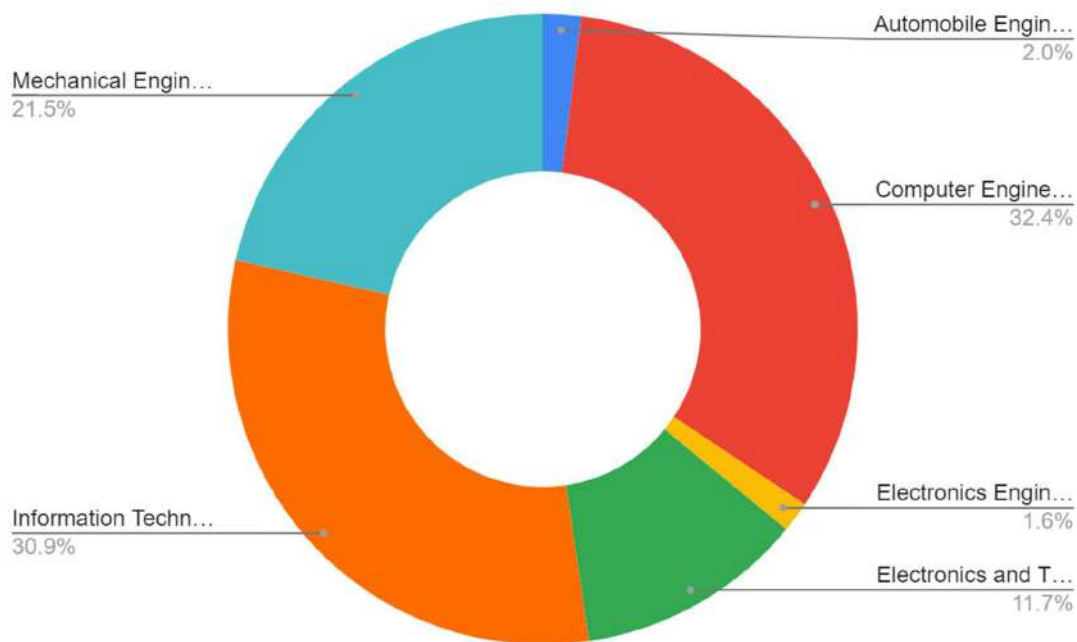
Results

SEM VIII Results - May 2022

SN	Branch	Students Appeared	Students Passed	Pass %
1	Automobile Engineering	67	63	94 %
2	Computer Engineering	152	152	100 %
3	Electronics Engineering	24	22	91.7 %
4	Electronics and Telecommunication Engineering	118	114	96.6 %
5	Information Technology	142	142	100 %
6	Mechanical Engineering	149	143	95.9 %

Placements

SN	Branch	No. of Students Placed
1	Automobile Engineering	5
2	Computer Engineering	83
3	Electronics Engineering	4
4	Electronics and Telecommunication Engineering	30
5	Information Technology	79
6	Mechanical Engineering	55
	Total	256



Pie Chart Representation of Placements

Branch wise list of students placed 2022-23 Batch

SN	Name of Students	Branch	Company	Package in Rs. Lac/PA
1	Rohan Nair	AUTO	Periurja Energy	3.6
2	Shubham Kadam	AUTO	Institute of Industrial Design Accenture	1.2-3
3	Vaibhav N Mundhe	AUTO	Cars 24	2.64
4	Justin James	AUTO	Protiviti India Member Private Limited	2.56
5	Jagdale K Dilip	AUTO	Accenture	2.4
6	Akshay Jadhav	COMP	Reliance Jio	5
7	Anagha Shinde	COMP	Reliance Jio	5
8	Howal	COMP	Reliance Jio	5
9	Anushka Srivastava	COMP	Reliance Jio	5
10	Ashutosh Patil	COMP	Reliance Jio	5
11	Chhavi Yadav	COMP	Reliance Jio	5
12	Robin Sajan Chacko	COMP	Reliance Jio	5
13	Divesh Sanil	COMP	Reliance Jio	5
14	Faseeha Modak	COMP	Reliance Jio-Illuminate	7
15	Gayatri Nambiar	COMP	Reliance Jio	5
16	Gokul Gopalakrishnan	COMP	Reliance Jio	5
17	Golapkar Atharva	COMP	Reliance Jio	5
18	Harish Nilare	COMP	Reliance Jio	5
19	Kadam Chaitali Prakash	COMP	Reliance Jio	5
20	Keval Parakhiya	COMP	Reliance Jio	5
21	Khushal Koli	COMP	Reliance Jio-Illuminate	7
22	Mandar Parab	COMP	Reliance Jio	5
23	Mithilesh Dalvi	COMP	Reliance Jio	5
24	Mithilesh Sharma	COMP	Reliance Jio	5
25	Neeraj Nair	COMP	Reliance Jio	5
26	Niranjana Khedkar	COMP	Reliance Jio	5
27	Priyanka More	COMP	Reliance Jio	5
28	Rahul Rajesh	COMP	Reliance Jio	5
29	Rohan Lokhande	COMP	Reliance Jio	6
30	Rohit Thannikkal Palassery	COMP	Reliance Jio	5
31	Ruchi Upadhyaya	COMP	Reliance Jio-Illuminate	7
32	Rushikesh Ashok Ghodake	COMP	Reliance Jio-Illuminate	7
33	Sanjana Barhate	COMP	Reliance Jio	5
34	Shilpa Gaddam	COMP	Reliance Jio	5
35	Shivalika Pillai	COMP	Reliance Jio-Illuminate	7
36	Shriya Deshpande	COMP	Reliance Jio	5
37	Sonu Mondal	COMP	Reliance Jio	5
38	Vishwakarma Aakash Jaiprakash	COMP	Reliance Jio-Illuminate	7
39	Yash Shashikant Lalit	COMP	Reliance Jio- Ignite	6
40	Yashashree Deshmukh	COMP	Reliance Jio	5

41	Pranav Shegekar	COMP	Reliance Jio	5
42	Priti Nagashenkre	COMP	Reliance Jio	5
43	Rasika Bagade	COMP	Reliance Jio	5
44	Sakshi Singh	COMP	Reliance Jio	5
45	Vishnu Menon	COMP	Reliance Jio	5
46	Adeel Shaikh	COMP	TSS	4.5
47	Samik Koul	COMP	Hexaware	4.5
48	Pratik Ishwar Badgujar	COMP	Hexaware	4.5
49	Tomcy Thomas	COMP	Logisticnow	5
50	Gowari Kshitij Bhavesh	COMP	TCS- Ninja	3.36
51	Parth Kochar	COMP	TCS- Ninja	3.36
52	Aaditya Jadhav	COMP	TCS- Ninja	3.36
53	Rohit Shinde	COMP	GEP	5.5
54	Vishnu Nair	COMP	GEP	5.5
55	Anjana Subhash	COMP	GEP	5.5
56	Trupti Deshmukh	COMP	GEP	5.5
57	Saran Anandan Kariparambil	COMP	Aurionpro	4.5
58	Tejaswini Veerapur	COMP	Merce / Capgemini	5
59	Parthav Pillai	COMP	Merce	5
60	Nanda Gopan Kumaran	COMP	Turing mind	4
61	Siddhi Nair	COMP	Capgemini	4.5
62	Eshwariya Sapkal	COMP	Capgemini	4.5
63	Pakhi Badshah	COMP	Capgemini	4.5
64	Nupur Pv Rajesh	COMP	Capgemini	4.5
65	Sarika Jamdagni	COMP	Capgemini	4.5
66	Pranav Premkumaran	COMP	Capgemini	4.5
67	Hitesh Poonia	COMP	Periurja Energy	3.6
68	Ronak Ravendra Singh	COMP	Godrej Infotect Ltd	4
69	Adnan Kazi	COMP	Mindcraft	3 - 4.2
70	Shreya Nair	COMP	Mindcraft	3 - 4.2
71	Gokul Gopalakrishnan	COMP	Palle	3
72	Nisha Rawat	COMP	Accord Fintech	3
73	Aditya Burde	COMP	Vertoz	2.4-5
74	Piyush Joshi	COMP	Palle Technologies	3
75	Yadav Suyog Santosh	COMP	Palle Technologies	3
76	Aakash Gupta	COMP	Quality Kiosk Technology	3.5
77	Lavi Manoj Tater	COMP	AQM TECHNOLOGIES	3
78	Ashutosh Mishra	COMP	OS INFOTECH	3
79	Vedant Bhomare	COMP	Procedure Technologies Private Limited	4
80	Aaditya Cholayil	COMP	Bunder Brains	4.2
81	Arjun V R	COMP	Allerin	5
82	Anushree Nair	COMP	Yotta	4.5
83	Neha Nikam	COMP	Yotta	4.5
84	Kalyani Kothekar	COMP	Yotta	4.5
85	Isha Jaiswal	COMP	Yotta	4.5

86	Mangesh Jha	COMP	Yotta	4.5
87	Girija Gade	COMP	Yotta	4.5
88	Sarang Kottummal	COMP	Yotta	4.5
89	Rahul Yadav	ETRX	TCS- Ninja	3.36
90	Aaskrit Tiwari	ETRX	RADX Electroc System Pvt Ltd	5.5
91	Shiva Shankara Narayanan Velar	ETRX	Connectwells Pvt.ltd	3
92	Suchit Chaudhari	ETRX	Geoservices Maritime Pvt Ltd	1.8
93	Siddhant Roy	EXTC	Reliance Jio- Ignite	6
94	Yog Agrawal	EXTC	Reliance Jio	5
95	Asad Jalgaonkar	EXTC	Select Control	5 to 7
96	Atharva Kale	EXTC	Select Control	6 to 7
97	Shwetanshu Dubey	EXTC	Jaro	6.6
98	Diksha Saini	EXTC	TCS- Ninja	3.36
99	Kanchan Hemant Patil	EXTC	TCS- Ninja	3.36
100	Sai Hemant More	EXTC	TCS- Ninja	3.36
101	Phagurah Karansingh Hardev	EXTC	TCS- Ninja	3.36
102	Kanika Sancheti	EXTC	Yotta	4.5
103	Naman Yadav	EXTC	Yotta	4.5
104	Kailash Verma	EXTC	Yotta	4.5
105	Purva Bodke	EXTC	Yotta	4.5
106	Harsh Kohadkar	EXTC	Yotta	4.5
107	Sumit Gupta	EXTC	Yotta	4.5
108	Harsh Bhandare	EXTC	Yotta	4.5
109	Ashith Hegde	EXTC	Capgemini / Turing mind	4.5
110	Pragun Karande	EXTC	Turing mind	4
111	Ashith Sudhakar Hegde	EXTC	Capgemini/ Turning Mind	4.5
112	Heemali Chaudhari	EXTC	Capgemini	4.5
113	Mamta Negi	EXTC	Capgemini	4.5
114	Snehal Hande	EXTC	Periurja Energy	3.6
115	Shivam Yadav	EXTC	Hitachi	4
116	Tejas Pote	EXTC	Palle / Aunoa Solutions Private Limited	3
117	Ankit Dhumale	EXTC	Palle Technologies	3
118	Bhagyesh Sonalkar	EXTC	Marquis technology	2.8
119	Tanmay Sanjay Lawre	EXTC	Roofsol Energy Pvt Ltd.	2.4
120	Smit Patel	EXTC	Gaitx Systems	3
121	Ankita Parkhe	EXTC	Aunoa Solutions Private Limited.	2.64
122	Vikas Barister Singh	EXTC	Inogictech India	3
123	Aakash Patil	IT	Reliance Jio	5
124	Abhiremya Sunil A	IT	Reliance Jio- Ignite	6
125	Aditya Sahu	IT	Reliance Jio	5
126	Anirudha Nalawade	IT	Reliance Jio	5
127	Arshi Khwaja	IT	Reliance Jio	5
128	Atharva Patil	IT	Reliance Jio	5

129	Chinmay Malkar	IT	Reliance Jio-Illuminate	7
130	Dipesh Sanil	IT	Reliance Jio	5
131	Eshani Sawant	IT	Reliance Jio	5
132	Raj Thali	IT	Reliance Jio	5
133	Nupur Kelkar	IT	Reliance Jio	5
134	Sahil Gupta	IT	Reliance Jio	5
135	Sankalp Patekar	IT	Reliance Jio	7
136	Saurav Sabu	IT	Reliance Jio	5
137	Sharayu Mane	IT	Reliance Jio	5
138	Shreha Tiwari	IT	Reliance Jio	5
139	Yash Paddalwar	IT	Reliance Jio-Illuminate	7
140	Saket Chandorkar	IT	TSS	4.5
141	Rushikesh Kale	IT	TSS	4.5
142	Kartik Chauhan	IT	Acrotrend	7
143	Rajan Shivkumar Singh	IT	Hexaware	4.5
144	Gawand Amisha Janardhan	IT	TCS- Ninja	3.36
145	Gupta Kunal Radheshyam	IT	TCS- Digital	7
146	Hitesh Bhagaji Date	IT	TCS- Digital	7
147	Pradnya Narayan Kubal	IT	TCS- Ninja	3.36
148	Shubham Suresh More	IT	TCS- Ninja	3.36
149	Karteya Dhande	IT	TCS- Digital	7
150	Anupam Krishnakumar Mishra	IT	TCS- Ninja	3.36
151	Lina Pawar	IT	GEP	5.5
152	Chandini Chentamara	IT	GEP	5.5
153	Bhushan Khot	IT	GEP	5.5
154	Ruchit Patel	IT	GEP	5.5
155	Rahul Surve	IT	GEP	5.5
156	Dhruv Lalji Karotra	IT	Aurionpro	4.5
157	Nikunj Madhusudan Gandhi	IT	Aurionpro	4.5
158	Kunal Radheshyam Gupta	IT	Aurionpro/ TCS	4.5
159	Gaurav Vasant Bhoir	IT	Aurionpro	4.5
160	Rayyan Nisar Ahmed Momin	IT	Aurionpro	4.5
161	Aniket Ashok Mulik	IT	Aurionpro	4.5
162	Suswar Dilip Sawant	IT	Aurionpro	4.5
163	Sarita Mourya	IT	63 moons technologies limited	5.5
164	Snehal Yewale	IT	63 moons technologies limited	5.5
165	Abhishek Thakre	IT	63 moons technologies limited	5.5
166	Srushti Killarikar	IT	Willis Towers Watson	6
167	Devesh Tajane	IT	Willis Towers Watson	6
168	Vandana Goraksha Pabale	IT	e-Emphasys	5
169	Sufiyan Mohammad	IT	Merce	5
170	Manish Bhujbal	IT	BharatNXT	7.2
171	Satyawan Bhuyan	IT	Accelya	7
173	Haresh Wetkoli	IT	Accelya	7
174	Jahnevi N S	IT	Capgemini	4.5
175	Sayali Krishna Ghanwat	IT	Capgemini	4.5

176	Rutuja Khilari	IT	Capgemini	4.5
177	Yunus Khan	IT	Minecraft	3 - 4.2
178	Suraj Kanse	IT	Minecraft	3 - 4.2
179	Rohit Rana	IT	Servosys Solution	4.5
180	Shraddha Harishchandra Sapte	IT	Servosys Solution	4.5
181	Atharva Patil	IT	Periurja Energy	3
182	Tabish Momin	IT	REBIT	5
183	Saurabh Bangar	IT	Accord Fintech	3
184	Swapnil Jori.	IT	Accord Fintech	3
185	Mohammad Momin	IT	Vertoz	2.4-5
186	Srushti Raut	IT	Vertoz	2.4-6
187	Saara Shetye	IT	Vertoz	2.4-7
188	Ahirrao Ojas Maheshkumar	IT	Palle Technologies	3
189	Abhishek Khairnar	IT	Palle Technologies	3
190	Mohammad Tabish Momin	IT	Palle Technologies	3
191	Amit Jeetesh Naik	IT	Tata Consultancy Services	3.36
192	Parvathi Madhu Nair	IT	Tata Consultancy Services	3.36
193	Sujal Ujjwal Hamand	IT	Quality Kiosk Technology	2.75
194	Rehan Shafik Shaikh	IT	Tata Consultancy Services	7.6
195	Nilesh Jha	IT	Maxgen Technologies / Intellipat RS 7.25	3-7.25
196	Sayali Samir Shetye	IT	Tata Consultancy services	3.55
197	Parmar Jayprakash	IT	Shree Pancham Pearl Beets	3
198	Kshitij Patil	IT	Deloitte	6.9
199	Jessica Netalkar	IT	GUNNBEO	7
200	Nilesh Jha	IT	Intellipat	7.25
201	Komal Kale	IT	REBIT	5
202	Febin Biju	MECH	Jaro	6.6
203	Aniruddh Achary	MECH	Jaro	6.6
204	Abhishek Athalekar	MECH	Reliance Industries Limited / TCS	4
205	Shubhayan Sarkar	MECH	Reliance Retail	4
206	Yash Kotawandekar	MECH	Periurja Energy	3.6
207	Gourang Marathe	MECH	Periurja Energy	3.6
208	Muhammad Saood Ghare	MECH	Periurja Energy	3.6
209	Nilesh Singh	MECH	Tenova Technologies Pvt. Ltd	5
210	Kalpesh Teli	MECH	Tenova Technologies Pvt. Ltd	5
211	Kaiwalya Manohar Acharya	MECH	Reliance Industries Limited	5.5
212	Mayur Sunil Musale	MECH	Reliance Industries Limited	5.5
213	Aadesh Ramchandra Kadam	MECH	Reliance Industries Limited	5.5
214	Rithesh P Karkera	MECH	Randstand Engineering	3.25
215	Sabir Sarfaraz Pangarkar	MECH	Randstand Engineering	3.25
216	Sayyed Mohammed Hussain	MECH	Godrej Infotech Ltd / Randstand Engineering	4
217	Akash Dhule	MECH	Addonix Technologies	2.4
218	Vishvad Parab	MECH	Toothsi	2.4
219	Ankith Devadiga	MECH	Toothsi	2.4

220	Manav Manjrekar	MECH	Toothsi	2.4
221	Harsh Anchan	MECH	Toothsi /Esmech	2.4
222	Rohit Jain	MECH	Toothsi / Future scape tech	2.4
223	Gurveer Saini	MECH	Toothsi	2.4
224	Vansh Chamoli	MECH	The Oberoi hotels	2.4
225	Aditya Gawas	MECH	The Oberoi hotels	2.4
226	Ajay Poojari	MECH	Institute of Industrial Design	1.2
227	Chirag Phadale	MECH	Institute of Industrial Design	1.2
228	Shivam Nayak	MECH	Bharat Wire Ropes Ltd	2.4
229	Shubham Pawar	MECH	Bharat Wire Ropes Ltd	2.4
230	Sahil Kale	MECH	Bharat Wire Ropes Ltd	2.4
231	Kunal Lahu Fale	MECH	Palle Technologies	3
232	Niranjana Kolar	MECH	Palle Technologies	3
233	Rut Shambhunath Gupta	MECH	Beacon (Best Engineering Aids & Consultancies Pvt Ltd	1.8
234	Abhishek Desai	MECH	Esmech Equipments Pvt Ltd	3.5
235	Rishabh Chandel	MECH	Chala mobility	4.5
236	Prathamesh Sanjay Yeole	MECH	Leena Powertech Engineers Pvt. Ltd	2.5
237	Mohd Saad Abdulhaq Deshmukh	MECH	Leena Powertech Engineers Pvt. Ltd	2.5
238	Shubham Shidruk	MECH	Telawane Transformers	2.01
239	Abhijeet Sunil Rane	MECH	Lester Infoservices Pvt. Ltd	3
240	Nishant Bhagat	MECH	V2 Fire Protection	3
241	Nishant Jadhav	MECH	Valve Tech Industries	3
242	Nawaz Sirajuddin Shaikh	MECH	Quasco Engineering Pvt Ltd	3
243	Vishavad Parab	MECH	Bharat Wires Rope	2.5
244	Febin Biju	MECH	Nuvoco Vistas Corp Ltd	6
245	Jyothish George	MECH	Livingstone Specialist Engineering Works	2.64
246	Shubham Ganesh Shinde	MECH	TechNova Imaging Systems	2.04
247	Shubham Shirvadkar	MECH	Halliburton Offshore service	3
248	Niraj Pankaj Mewada	MECH	L&T Technology Services	4
249	Aakash Dhule	MECH	L&T Technology Services	4
250	Rahul Satish Kotavadekar	MECH	Taj Hotel & Convention Centre	5.5
251	Prathamesh Krushnaji Sawant	MECH	Taj Lakefront Bhopal	5.5
252	Utkarsh Shinde	MECH	Smowcode Private Limited	6
253	Akshay Ajayakumar	MECH	Mathew Associates Oil field Services Pvt Ltd.	3
254	Shreyash Shailesh Kelji	MECH	Geostar survey India Pvt Ltd	3
255	Sen Saurabh Karuna	MECH	Telawne Power Equipments Pvt Ltd	3
256	Prathmesh Varhadi	MECH	Periurja Energy	3.6

Faculty

Automobile Engineering

SN	Title	Last Name	First Name	Post
1	Dr.	Padmanabhan	Divya	Professor & HoD
2	Dr.	Talikoti	Basavaraj	Associate Professor
3	Mr.	Marathe	Amey	Associate Professor
4	Mr.	Nijasure	Ameya	Assistant Professor
5	Ms.	Karmarkar	Geeta	Assistant Professor
6	Mr.	Jafri	Salim	Assistant Professor
7	Mrs.	Kadam	Komal	Assistant Professor
8	Mr.	Varghese	George	Assistant Professor
9	Mrs.	Chilwal	Komal	Assistant Professor
10	Mr.	Menon	Krishnamohan	Assistant Professor

Computer Engineering

SN	Title	Last Name	First Name	Post
1	Dr.	Govilkar	Sharvari	Professor & HoD
2	Dr.	Nitnaware	Prashant	Professor
3	Dr.	Gawade	Sushopti	Professor
4	Mrs.	Bhojane	Varunakshi	Associate Professor
5	Dr.	Nitesh Kumar	Agarwal	Associate Professor
6	Ms.	Hegade	Gayatri	Associate Professor
7	Ms.	Amin	Dhiraj	Associate Professor
8	Ms.	Cherian	Mimi	Assistant Professor
9	Ms.	Thakur	Payel	Assistant Professor
10	Ms.	Nair	Krishnendu	Assistant Professor
11	Mrs.	Lawand	Deepti	Assistant Professor
12	Mr.	K	Suresh Babu	Assistant Professor
13	Mrs.	K S	Charumathi	Assistant Professor
14	Ms.	Selvan	Sangeetha	Assistant Professor
15	Ms.	Patil	Bhagyashri	Assistant Professor
16	Ms.	Shelke	Sunil	Assistant Professor
17	Mrs.	Gawande	Sheetal	Assistant Professor
18	Ms.	Chavan	Shubhangi	Assistant Professor
19	Ms.	Supriya	Khaitan	Assistant Professor
20	Mr.	Dinesh	Tharwani	Assistant Professor
21	Ms.	Asmita	Deshmukh	Assistant Professor
22	Ms.	Sulochana	Madachane	Assistant Professor
23	Ms.	Rupali	Sharma	Assistant Professor
24	Ms.	Rasika	Thakare	Assistant Professor
25	Ms.	Sheetal	Shimpikar	Assistant Professor

Electronics and Telecommunication Engineering

SN	Title	Last Name	First Name	Post
1	Dr.	Vaidya	Avinash	Professor & HoD
2	Dr.	G	Sita	Professor
3	Mrs.	Wadkar	Suman	Associate Professor
4	Mrs.	Banerjee	Tusharika	Associate Professor
5	Mrs.	Bhosale	Jayshree	Associate Professor
6	Mr.	Shah	Pragnesh	Associate Professor
7	Mrs.	Kathare	Sonali	Assistant Professor
8	Mrs.	Patil	Suchitra	Assistant Professor
9	Mr.	Mehta	Ameet	Assistant Professor
10	Ms.	Waghmare	Sweta	Assistant Professor
11	Ms.	Sharma	Harsha	Assistant Professor
12	Ms.	Chiramel	Liril	Assistant Professor
13	Mr.	Gourkar	Swapnil	Assistant Professor
14	Mr.	Kene	Yogesh	Assistant Professor
15	Ms.	Patole	Ruchira	Assistant Professor
16	Mr.	Riar	Ishmeet Singh	Assistant Professor
17	Ms.	Khedkar	Aboli	Assistant Professor
18	Ms.	Singh	Manisha	Assistant Professor
19	Ms.	Priya	Rani	Assistant Professor

Electronics & Computer Science

SN	Title	Last Name	First Name	Post
1	Dr.	Bhagwat	Monika	Professor & HoD
2	Dr.	Goyal	Premsagar	Professor
3	Dr.	Khade	Rajendrakumar	Professor
4	Dr.	Srivastava	Sanjeev Kumar	Associate Professor
5	Mr.	Biradar	Ravi	Associate Professor
6	Dr.	Agrawal	Mukul	Associate Professor
7	Mr.	Harode	Ujwal	Associate Professor
8	Mrs.	Bangde	Padmaja	Assistant Professor
9	Mr.	Saraf	Ajit	Assistant Professor
10	Mrs.	Chikodi	Sneha	Assistant Professor
11	Mrs.	Mishra	Seema	Assistant Professor
12	Mrs.	Patil	Swati	Assistant Professor
13	Ms.	Shaikh	Rubina	Assistant Professor
14	Ms.	Pillai	Uma	Assistant Professor
15	Mr.	Jadhav	Akshay	Assistant Professor
16	Mr	Hariharan	B	Assistant Professor

Information Technology

SN	Title	Last Name	First Name	Post
1	Dr.	Varma	Satishkumar	Professor & HoD
2	Dr.	Lokhande	Prashant	Professor
3	Dr.	Nashipudimath	Madhu	Associate Professor
4	Dr.	Khandkar	Mahendra	Associate Professor
5	Dr.	Kulkarni	Shreedevi	Assistant Professor
6	Mr.	Modi	Hitesh	Assistant Professor
7	Mr.	Lawand	Suhas	Assistant Professor
8	Ms.	Jagan	Vijayabharati	Assistant Professor
9	Ms.	Joshi	Smita	Assistant Professor
10	Mr.	Y.I.	Jinesh Melvin	Assistant Professor
11	Mr.	Patil	Shweta	Assistant Professor
12	Mr.	Ninad	Gaikwad	Assistant Professor
13	Ms.	Mhatre	Tejali	Assistant Professor
14	Ms.	Alamuri	Vasavi	Assistant Professor
15	Ms.	Kale	Diksha	Assistant Professor
16	Mr.	Uzhuthuval	Christopher	Assistant Professor
17	Ms.	Kulkarni	Prerana	Assistant Professor
18	Ms.	Bahurupi	Vrushali	Assistant Professor
19	Mr.	Anup	Vanage	Assistant Professor
20	Ms.	Verma	Swapnil	Assistant Professor
21	Ms.	Nair	Anjali	Assistant Professor
22	Ms.	Parab	Leenata	Assistant Professor

Mechanical Engineering

SN	Title	Last Name	First Name	Post
1	Dr.	Joshi	Sandeep	Professor
2	Dr.	Pillai	Priam	Professor
3	Dr.	Tambuskar	Dhanraj	Professor & HoD
4	Dr.	Agrawal	Richa	Associate Professor
5	Dr.	Ali	Rashed	Associate Professor
6	Dr.	Thokal	Gajanan	Associate Professor
7	Mr.	Miriyala	Durga N.K.P. Rao	Associate Professor
8	Mr.	Rahane	Pruthviraj	Assistant Professor
9	Mr.	Babu	Binsu	Assistant Professor
10	Mr.	Kelkar	Jagdish	Assistant Professor
11	Ms.	Kumbhar	Vaishali	Assistant Professor
12	Mr.	M	Shiva Pradeep	Assistant Professor
13	Mr.	Mehta	Lalit	Assistant Professor
14	Ms.	Mondkar	Shilpa	Assistant Professor

15	Mr.	More	Bhagvan	Assistant Professor
16	Mr.	Shaikh	Mohammed Shahid	Assistant Professor
17	Ms.	Vedpathak	Meeta	Assistant Professor
18	Mr.	Verma	Tikaram	Assistant Professor
19	Mr.	Verma	Manikant	Assistant Professor
20	Mr.	V	Sojan	Assistant Professor
21	Mr.	Suryavanshi	Vinayak	Assistant Professor
22	Ms.	Nikale	Surabhi	Assistant Professor
23	Dr.	Patil	Jeet	Assistant Professor
24	Ms.	Dhundre	Namita	Assistant Professor
25	Mr.	More	Nitin	Assistant Professor
26	Ms.	Thakur	Pranita	Assistant Professor
27	Ms.	Akshata	Gondhalekar	Assistant Professor

Applied Science, Mathematics and Humanities

SN	Title	Last Name	First Name	Post
1	Dr.	Pillai	Arun	Professor & HoD
2	Dr.	Pillai	Manju	Professor
3	Dr.	Murarka	Anshu	Associate Professor
4	Dr.	Sharma	Malvika	Associate Professor
5	Dr.	Nikam	Ravindra	Associate Professor
6	Dr.	Wani	Sachin	Associate Professor
7	Dr.	Deulkar	Sundeep	Associate Professor
8	Dr.	Panda	Biswajit	Associate Professor
9	Dr.	Singh	Surabhi	Assistant Professor
10	Ms.	Ingole	Archana	Assistant Professor
11	Ms.	Pachkawade	Darshana	Assistant Professor
12	Dr.	Shrivastava	Deepali	Assistant Professor
13	Dr.	Chaudhari	Kamini	Assistant Professor
14	Dr.	Potdar	Leena	Assistant Professor
15	Mr.	Kudre	Maheshkumar	Assistant Professor
16	Ms.	Pradhan	Lilly	Assistant Professor
17	Ms.	P.	Neethu	Assistant Professor
18	Mr.	Mhatre	Sangit	Assistant Professor
19	Ms.	Nikam	Sonali	Assistant Professor
20	Ms.	Phadke	Sonali	Assistant Professor
21	Mr.	Kolhe	Akshay	Assistant Professor
22	Mr.	Deshmukh	Vishal	Assistant Professor
23	Ms.	Bingi	Savita	Assistant Professor
24	Ms.	Nambiar	Anjali	Assistant Professor
25	Dr.	De	Moutusi	Assistant Professor

List of faculty with Ph.D qualification

SN	Name of Faculty	Department	PhD. Qualifying year
1	Dr. Premasagar Goyal	Electronics and Computer Science	1979
2	Dr. Malvika Sharma	Applied Science, Mathematics and Humanities	2000
3	Dr. Manju Pillai	Applied Science, Mathematics and Humanities	2001
4	Dr. Mahendra Khandkar	Applied Science, Mathematics and Humanities	2001
5	Dr. G Sita Purnaiah	Electronics and Computer Science	2002
6	Dr. Sundeep Deulakr	Applied Science, Mathematics and Humanities	2006
7	Dr. Arun Pillai	Applied Science, Mathematics and Humanities	2008
8	Dr. Anshu Murarka	Applied Science, Mathematics and Humanities	2010
9	Dr. Surabhi Singh	Applied Science, Mathematics and Humanities	2010
10	Dr. Deepali Shrivastava	Applied Science, Mathematics and Humanities	2010
11	Dr. Biswajit Panda	Applied Science, Mathematics and Humanities	2011
12	Dr. Priam Pillai	Mechanical Engineering	2011
13	Dr. Satishkumar Varma	Information Technology	2013
14	Dr. Sachin Wani	Applied Science, Mathematics and Humanities	2014
15	Dr. Avinash Vaidya	Electronics and Telecommunication Engineering	2015
16	Dr. Dhanraj Tambuskar	Mechanical Engineering	2015
17	Dr. Sharvari Govilkar	Computer Engineering	Feb-17
18	Dr. Sandeep Joshi	Mechanical Engineering	May-17
19	Dr. Divya Padmanabhan	Automobile Engineering	June - 17
20	Dr. Basavaraj Talikoti	Mechanical Engineering	Aug - 17
21	Dr. Rajendrakumar H Khade	Electronics and Computer Science	May-18
22	Dr. Prashant S. Lokhande	Computer Engineering	Feb-18
23	Dr. Sanjeev Kumar Srivastava	Electronics and Computer Science	Jul-18
24	Dr. Richa S Agrawal	Mechanical Engineering	Sep-18
25	Dr. Prashant Nitnaware	Computer Engineering	Apr-19
26	Dr. Sushopti Gawade	Computer Engineering	Aug-19
27	Dr. Rashed Ali	Mechanical Engineering	Jun-19

28	Dr. Madhu M Nashipudimath	Computer Engineering	July-20	
29	Dr. Gajanan N Thokal	Mechanical Engineering	July-20	
30	Dr. Monika Bhagwat	Electronics and Computer Science	July-20	
31	Dr. Jeet Patil	Mechanical Engineering	Oct - 20	
32	Dr. Suman P Wadkar	Electronics and Computer Science	April-21	
33	Dr. Leena Potdar	Applied Science, Mathematics and Humanities	Sep - 21	
34	Dr. Tusharika Banerjee	Electronics and Computer Science	Dec - 21	
35	Dr. Ravi Biradar	Electronics and Computer Science	Feb - 22	
36	Dr. Kamini Chaudhary	Applied Science, Mathematics and Humanities	Sep - 22	
37	Dr. Ravindra Nikam	Applied Science, Mathematics and Humanities	Jan - 23	
38	Dr. Amey P Marathe	Automobile Engineering	March - 23	
39	Dr. Gayatri H Hegde	Computer Engineering	March - 23	
40	Dr. Pragnesh Shah	Electronics and Telecommunication Engineering	Aug - 23	
41	Dr. Debasis Panda	Mechanical Engineering	June -23	
42	Dr. Sulochana M	Computer Engineering	May - 23	
43	Archana Ingole	Applied Science, Mathematics and Humanities	Pursuing	
44	Maheshkumar Kudre			
45	Salim Jafri			
46	George Vergese			Automobile Engineering
47	Komal Kadam			
48	Dhiraj Amin			Computer Engineering
49	Mimi Cherian			
50	Ujwal Harode			Electronics and Computer Science
51	Ameet Mehta			
52	Yogesh V Kene			
53	Seema Mishra			
54	Suchitra Patil	Electronics and Telecommunication Engineering		
55	Swapnil Gourkar			
56	Aboli Khedkar			
57	Ruchira Patole			
58	Y. I. Jinesh Melvin	Information Technology		
59	Pruthviraj P Rahane	Mechanical Engineering		
60	Geeta Karmarkar			
61	Ameya P Nijasure			
62	Binsu Babu			
63	Vinayak Suryawanshi			
64	Meeta Vedpathak			
65	Vaishali Kumbhar			
66	Tikaram Verma			

Research Publications by Faculty

Department of Automobile Engineering

SN	Title of Paper/Book	Name of the Author/s	Name of Journal/Conference/ Publisher
1	Nanozirconia synthesis through a novel method-salt incorporated Precursor Spraying	Dr. Divya Padmanabhan	International Conference on Powder Metallurgy and Particulate Materials +Exhibition 2023 (PM-23)

Department of Computer Engineering

SN	Title of paper/Book	Name of the Author/s	Name of Journal/Conference/Publisher
1.	Identifying Severity of Cyberbullying Using Scalable Labeled Multi-Platform Dataset	Dr. Sharvari Govilkar	International Journal of Intelligent Systems and Applications in Engineering
2.	Fake Profile Recognition Using Profanity and Gender Identification on Online Social Networks	Dr. Sharvari Govilkar	International Journal on Social Network Analysis and Mining
3.	Prediction System for Stock Market Indices Using Machine Learning	Dr. Sharvari Govilkar	Journal of Emerging Technologies and Innovative Research
4.	Investigating Efficiency of Machine learning algorithms over Prediction of Stock Market Indices	Dr. Sharvari Govilkar	Journal of Emerging Technologies and Innovative Research
5.	Visual Question Answering System for Indian Regional Languages	Dr. Sharvari Govilkar	5th International Conference on Advances in Science and Technology
6.	Severity Detection of Cyberbullying in Online Social Networks Using Machine Learning: Experimental Analysis"	Dr. Sharvari Govilkar	5th International Conference on Advances in Science and Technology
7.	Fake News Detection on Datasets"	Dr. Sharvari Govilkar	5th International Conference on Advances in Science and Technology

8.	Performance Analysis of Machine Learning and Deep Learning Techniques for Answer Type extraction of Marathi Questions"	Dr. Sharvari Govilkar	5th Biennial International Conference on Nascent Technologies in Engineering
9.	Optimal Blockchain integration in IOT Systems	Dr. Prashant Nitaware	Journal of Computer Information Systems
10.	Detection of arrhythmia using weightage-based supervised learning system for COVID-19, Q1, Elsevier, Scopus, Volume 16, 200119	Dr. Sushopti Gawade	Intelligent Systems with Applications, Elsevier
11.	Application of the convolutional neural networks and supervised deep-learning methods for osteosarcoma bone cancer detection, Healthcare Analytics, November 2023, Elsevier, Scopus	Dr. Sushopti Gawade	Healthcare Analytics
12.	A Decision Support System for Selecting the Most Suitable Machine Learning in Healthcare using User Parameters and Requirements	Dr. Sushopti Gawade	Healthcare Analytics
13.	Engineering Students Case Study: Impact of various factors for E-Learning during Covid-19	Dr. Sushopti Gawade	Journal of Positive School Psychology
14.	GRAD-Grape Disease Management with IoT	Dr. Sushopti Gawade	Apple Academic Press, CRC Press, Tylor and Fransis Group
15.	Toward Security in Software-Defined Networks with Trust and Monitoring	Dr. Sushopti Gawade	CRC press
16.	Impact of Social Media like WhatsApp for Education	Dr. Sushopti Gawade	ISCON 2023
17.	AGROFERDURE: Intelligent Crop Recommendation System for Agriculture Crop Productivity using Machine Learning Algorithms	Dr. Sushopti Gawade	IC2E3- 23

18.	Performance Analysis of Neural Networks for Offensive-Hinglish Detection	Varunakshi Bhojane	International Journal of Novel Research and Development
19.	Modulation of Mitochondria by Viral proteins	Dr. Niteshkumar Agarwal	Life Sciences (Elsevier)
20.	A Compact Formulation of All-Optical Signal Router by Using Plasmonic Waveguides	Dr. Niteshkumar Agarwal	Optical and Quantum Electronics (Springer)
21.	Bitcoin Price Analysis using Twitter Tweets	Gayatri Hegde	Zeichen Journal
22.	Image Forgery Detection	Gayatri Hegde	Journal For Basic Sciences, Scopus Active & Ugc Care Group-II Journal
23.	Bitcoin Price Prediction using Deep Learning	Gayatri Hegde	International Journal for Research in Applied Science & Engineering Technology (IJRASET)
24.	Indian Sign Language Recognition System for Deaf and Dumb Using CNN	Gayatri Hegde	International Journal of Scientific Engineering and Research (IJSER)
25.	E-Store Grocery At Your Doorstep	Gayatri Hegde	Journal of Emerging Technologies and Innovative Research
26.	Survey on Virtual recruitment System	Mimi Mariam Cherian	International conference on Nascent Technologies in Engineering ICNTE, IEEE 2023
27.	Women Safety Android App and IoT devices: Survey	Mimi Mariam Cherian	International Conference on Computer Science, Cyber Security and Information Technology (CCIT) Hinwies, Scopus Indexed
28.	Handwritten Digit Recognition using SVM	Krishnendu Nair	Journal for emerging technologies and innovative research, JETIR April 2023, Volume 10, Issue 4
29.	Survey on Job Recommendation Systems using Machine Learning	Sangeetha Selvan	International Conference on Innovative Data Communication Technologies

			and Application (ICIDCA), IEEE 2023
30.	Deep Learning based Multi-class Brain Tumor Classification	Sheetal Gawande	International Research Journal of Engineering and Technology (IRJET)
31.	Travel Document Management System Using Blockchain	Shubhangi Chavan	International Journal of Innovative Research in Computer and Communication Engineering
32.	A Comparison of Genetic Algorithm Operators for the Seat Allocation Problem	Supriya Khaitan	2022 4th International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)

Department of Electronics and Telecommunication Engineering

SN	Title of paper/Book	Name of the Author/s	Name of Journal/Conference/Publisher
1	Gain and Bandwidth Enhancement of a CPW-Fed Bidirectional Dumbbell Shaped Slot Antenna Using PRS	Ameet M. Mehta	Progress In Electromagnetics Research Letters, Vol. 107, 159-167, 2022
2	Depth Estimation of Monocular Images using Transfer Learning based Unet Model	Suchitra A. Patil	2022 IEEE Bombay Section Signature Conference (IBSSC)

Department of Electronics and Computer Science

SN	Title of paper/Book	Name of the Author/s	Name of Journal/Conference/Publisher
1	Crime Risk forecasting using Cyber Security and Artificial Intelligent	Dr. Sanjeev Kumar Srivastava	Journal of BioMedical Engineering
2	IoT World	Dr. Sanjeev Kumar Srivastava	Namya Press.com

Department of Information Technology

SN	Title of paper/Book	Name of the Author/s	Name of Journal/Conference/Publisher
1.	Secure SDN-IoT framework for DDoS attack detection using Deep learning and Counter based Approach	Satishkumar L Varma	Journal of Network and Systems Management
2.	Detection of Emotional Cues of Depression Due To COVID-19 Pandemic	Satishkumar L Varma	Taylor & Francis
3.	Extrication of Survival Associated Genes of Glioblastoma Multiforme Patient through Statistical Modeling	Satishkumar L Varma	2022 5th International Conference on Advances in Science and Technology (ICAST), Mumbai, India
4.	A Survey on Community Detection Methods and its Application in Biological Network	Satishkumar L Varma	2022 International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India
5.	Predictive analytics of user cognitive styles in online shopping	Vijayabharathi J	International Journal of Computational Intelligence Studies 11
6.	AI Based Multimodal Emotion and Behavior Analysis of Interviewee,	Vijayabharathi J	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 07 Issue: 04
7.	Respiratory Disease Prediction using Deep Learning	Madhu M Nashipudimath	International Conference on Multidisciplinary Research (ICMR) held in Mumbai, India
8.	Cryptocurrency with Blockchain Technology — A Literature Review	Shweta A Patil	Somaiya International Conference on Technology and Information Management (SICTIM)

Department of Mechanical Engineering

SN	Title of paper/Book	Name of the Author/s	Name of Journal/Conference/Publisher
1.	An Exploration into the Factors Influencing the Implementation	Dr. D P Tambuskar	Kybernetes, An Emerald Publication

	of Big Data Analytics in Sustainable Supply Chain Management		
2.	Role of Supply Chain in Disaster Relief: A Study on Shortage of Medical Oxygen during Second Wave of Covid-19 in India	Dr. D P Tambuskar	Industrial Engineering Journal
3.	Is the Implementation of Big Data Analytics in Sustainable Supply Chain Really a Challenge? The Context of Indian Manufacturing Sector	Dr. D P Tambuskar	International Journal Innovation and Technology Management, World Scientific
4.	A Roadmap for Implementation of Big Data Analytics in Sustainable Supply Chain Management	Dr. D P Tambuskar	Industrial Engineering Journal
5.	Design of a Biaxial Cruciform Specimen with a High Degree of Plastic Deformation and Yield Locus Evolution	Dr. Jeet P Patil	Experimental Mechanics
6.	Effect of hyperelastic pre-stretching on thickness distribution of pressure thermoformed products	Dr. Jeet P Patil	Journal of Elastomers & Plastics
7.	Effect of lubrication on contact thermoforming: Thermal aspect	Dr. Jeet P Patil	Materials Today: Proceedings
8.	Development of Digital Measurement System for Analog Universal Testing	Dr. Richa Agrawal	International Journal of Scientific Research in Engineering and Management

Guest Lectures/ Seminars/Workshops/Webinars/FDPs

Department of Automobile and Mechanical Engineering

SN	Name of Activity	Date	Organizers	Speaker
1	Seminar on How to build Linked in Profile	15-Sep-2022	Prof. Ameya Nijasure	Prof. Ameya Nijasure Deshpande, Mr. Abdul Rehman Khan
2	Workshop on Machinery Maintenance	24-Sep-2022 & 25-Sep-2022	Prof. Jagdish Kelkar	Prof. Jagdish Kelkar
3	Workshop on Certified Solidworks Professional (CSWP) Certification	1-Dec-2022 to 19-Feb-2023	Prof. Ameya Nijasure & Prof. Binsu Babu	Prof. Ameya Nijasure & Prof. Binsu Babu
4	Workshop on Introduction to MATLAB	1-Jan-2023 to 1-Apr-2023	Prof. Ameya Nijasure	Prof. Ameya Nijasure & Kunal Khandelval
5	Talk on "Rate Distortion Theory"	21-Jan-2023	Department	Dr. Mukul Agrawal
6	Value Added Course on Introduction to lab VIEW	28-Jan-2023	Prof. Durga Rao & Prof. Binsu Babu	Prof. Durga Rao & Prof. Binsu Babu
7	Seminar on "Product Development Process"	31-Jan-2023	Department	Atul Zanzurne
8	Seminar on "Advancement in Computational Fluid Dynamics"	30-Jan-2023	Prof. Shilpa Mondkar	Ms. Vrushali Mukherjee
9	Workshop on "Assembly of Drone"	18-Feb-2023 & 19-Feb-2023	Dr. Richa Agrawal & Prof. Ameya Nijasure	Dr. Richa Agrawal & Prof, Ameya Nijasure
10	Talk on "Taking Control of Your Finances"	4-Mar-2023	Department	Mr. Samir Jayaswal
11	2 Days Online Workshop on "MS Excel-For Everyone"	18-Mar-2023 & 19-Mar-2023	Dr. Richa Agrawal & Prof, Ameya Nijasure	Dr. Richa Agrawal & Prof. Ameya Nijasure
12	Report Writing Workshop	18/02/2023 & 19/02/2023	Dr. Richa Agrawal & Prof, Ameya Nijasure	Dr. Richa Agrawal & Prof. Ameya Nijasure
13	2 Days Workshop on Introduction to Automotive Sketching	29 May 2023 & 30 May 2023	Prof. Ameya Nijasure	Prof. Ameya Nijasure

Seminar on How to build Linked in Profile



Primary objective of this webinar was to make participants aware about LinkedIn. LinkedIn is the world's largest professional network. Recruiters and job seekers around the world mainly use LinkedIn. Building a LinkedIn Profile is an important task to build a good professional network. This will help the students to connect various professionals in different fields. Sessions were interactive and received positive responses from all participants.

Workshop on Certified Solid works Professional

Mechanical and Automobile Engineers should be certified with Solid works. Department has organized a workshop on Certified Solid works Professional. Certified Solid works Associate is a



Mahatma Education Society's Pillai College of Engineering
(Autonomous) (NAAC A+ Accredited)
Department of Automobile & Mechanical Engineering

Solidworks Mechanical Design Certification Associate Level (CSWA)

Course highlights

- CSWA Certification - One attempt
- 30+ Hrs of Training from Certified Professionals
- Basic Solidworks - Sketching, Part Modeling, Assembly, Drafting etc.
- Participation certificate to all

Course Fees
Rs. 3500 / - Only

Important Note

- Registration on first come first serve basis.
- Course will be conducted in Offline Mode.

Course Duration : June-July 2022
Course Start : 15th June 2022
Timing : 10.00 am to 12.00 pm
(Four times a week)
Exam Date : Third week of July 2022

Mode of Conduct
Offline (J201 Lab)

Last Date of Registration
10th June 2022

TO REGISTER
CLICK HERE

Please Note

- After Registration students can request coordinators for student license copy for CSWA exam attempt. (Provided hardware requirements of laptop is fulfilled)



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Hear from our students

“CSWA and CSWP courses has helped me in building a strong resume for my career . It has helped me to increase my modelling skills to a great extent . It also played a vital role in my interview process . Our mentors for the course were very supportive and cleared our doubts in each step. I would definitely recommend this course to each and every Mechanical Engineering students out there .”

Mr. Gokul Nair
Apprentice - Quality Assurance
Dassault Systems, Pune

“I had an interest in Design but never knew how to make a career out of it, so when I joined CSWA & CSWP Course, it gave me a clear idea about designing various components and gain confidence. Which helped me to land a job as a Design Engineer. I am very thankful to Automobile & Mechanical Engineering Department for organizing such Value added courses for students and I would recommend these courses to every student who aspires to be a Design Engineer.”

Mr. Manthan Dewani
Design Engineer
Shirke Electro Pvt Ltd

About Instructors

Prof. Ameya Nijasure
Asst. Prof. Automobile Engineering, PCE
nagradeep@mes.ac.in

Prof. Binisu Babu
Asst. Prof. Mechanical Engineering, PCE
Binisubabu@mes.ac.in

Globally Certified in Solidworks (CSWA & CSWP)
Certified Faculty Instructor (AutoCAD, Solidworks, Ansys Workbench)
Expert Domains : 2D Drafting, CAD modelling, Product Design, FEA



global certification provided by Dassault systems. There were 40 Students from mechanical & Automobile Department enrolled for the course. The Speakers are Prof. BinsuBabu and Prof. Ameya Nijasure. Received positive response from students for all practice sessions.

Workshop on Introduction to MATLAB



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Department of Automobile Engineering

Value Added Course on MathWorks® MATLAB (30+ Hours)

Course Fee RS. 1500/-

HURRY LIMITED SEATS

Course Content

- MATLAB Basics - Know your tool
- Basic mathematical operations
- Matrix Operations and applications
- Plots and Graphs
- Loops and Structure
- Guest lectures - Industrial Case Studies

Course Duration
JAN - FEB 2023
EVERY SATURDAY
10.00 to 12.30
Course Start : 8th Jan 2023
Practice sessions on Wednesday
Timing: 6.00 to 7.30 pm

Key Features

- Hands-On Practice Problems
- Introductory Level
- Interactive sessions
- Expert session on applications

Mode of Conduct ONLINE

Last Date for Registration 05th JAN 2023

FOR REGISTRATIONS CLICK HERE

Please note:

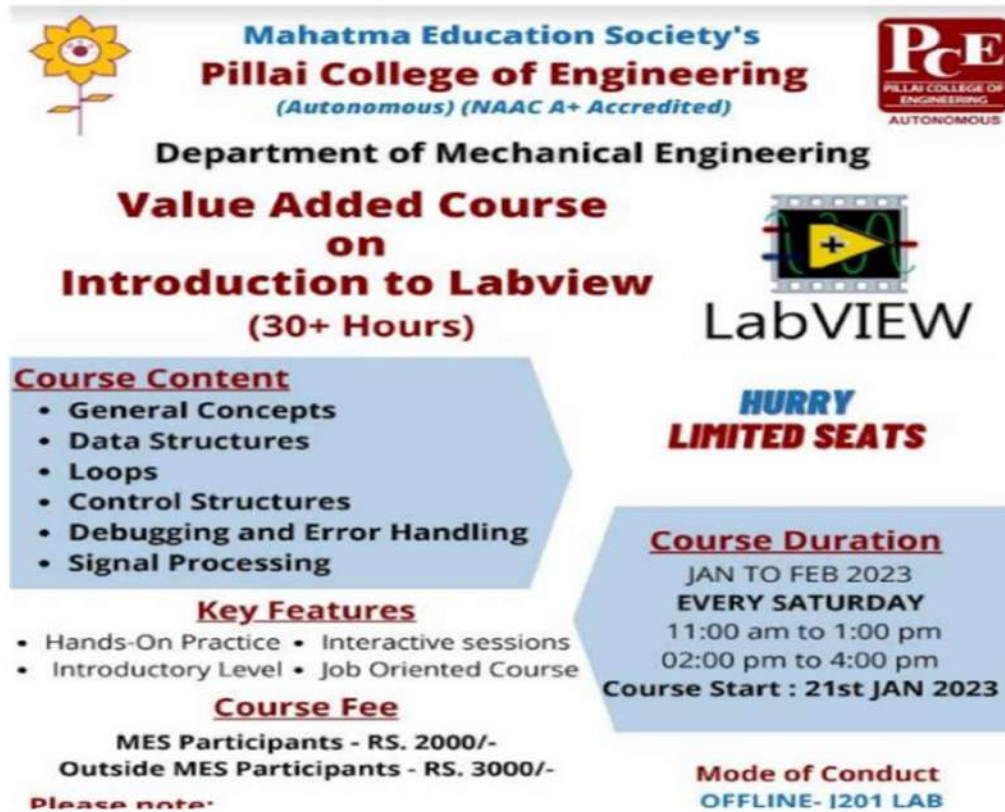
- This course is **only for MES Faculty/Student.**
- **80% Attendance** is mandatory for certificate.
- Online session will be on zoom meetings.
- Recordings of session will not be provided.

Course Coordinator
Prof. Ameya Nijasure - najadeep@mes.ac.in - 7039062719

Primary objective of this course is to introduce participants to the MATLAB Environment. Sessions included the basic mathematical operations, matrix operations, graphs and plots, program structures loops. Expert session by Kunal Khandelval – Application Engineer– Mathworks – Design tech on “Fundamental of Simulink and simecape” has arranged to provide advanced insights of MATLAB for participants. We have received positive feedback from participants for this event.



Value Added Course on Introduction to lab VIEW



**Mahatma Education Society's
Pillai College of Engineering**
(Autonomous) (NAAC A+ Accredited)

Department of Mechanical Engineering

**Value Added Course
on
Introduction to Labview
(30+ Hours)**

LabVIEW

**HURRY
LIMITED SEATS**

Course Content

- General Concepts
- Data Structures
- Loops
- Control Structures
- Debugging and Error Handling
- Signal Processing

Key Features

- Hands-On Practice • Interactive sessions
- Introductory Level • Job Oriented Course

Course Fee

MES Participants - RS. 2000/-
Outside MES Participants - RS. 3000/-

Course Duration

JAN TO FEB 2023
EVERY SATURDAY
11:00 am to 1:00 pm
02:00 pm to 4:00 pm
Course Start : 21st JAN 2023

Mode of Conduct
OFFLINE- J201 LAB

Introduction to LabVIEW is an Institution-level certification program of about 30-hour duration. In all, six (06) students from UG (S.Y., T.Y. & B.Tech) from the Mechanical Engineering Department enrolled for the course. Received positive response from the students for all theory and practical hands-on sessions. This course has conducted in offline mode.

Department of Computer Engineering and Information Technology

SN	Name of Activity	Date	Organizers	Speaker
1	Expert Talk on Windows Fundamentals	2/07/2022	Sheetal Gawande	Mr. Mahadev Gavas (Security Analysts)
2	Expert Talk on Programming Fundamental	8/07/2022	Sheetal Gawande	Kshitija Tilekar, Software Engineer CitiBank
3	Expert Talk on Recon	9/07/2022	Sheetal Gawande	Mr. Kirankumar Subuddi, Information Security Engineer
4	Expert Talk on Burpsuite	10/07/2022	Sheetal Gawande	Mr. Kirankumar Subuddi, Information Security Engineer
5	Expert Talk on SQL injection,	16/07/2022	Sheetal Gawande	Mr. Mahadev Gavas, Security Analyst
6	Expert Talk on XSS	17/07/2022	Sheetal Gawande	Mr. Mahadev Gavas, Security Analyst
7	Expert Talk on Broken access control and Broken Authentication	23/07/2022	Sheetal Gawande	Mr. Ashutosh Upadhyay, Security Researcher
8	Expert Talk on CSRF and SSTI	30/07/2022	Sheetal Gawande	Mr. Harsh Parekh, Security Researcher
9	Expert Talk on Agencies for investigation in India, their powers and their constitution as per Indian Laws	4/08/2022	Sheetal Gawande	Mr. Vasant Tajane. Ex-Commissioner of Police
10	Expert talk on Request Forgery on the web and cloud	6/08/2022	Sheetal Gawande	Mr. Tushar Verma Security and DevOps at Shaadi.com
11	Expert Talk on Warfar Reliance	7/08/2022	Sheetal Gawande	Mr. Harshit Agrwal Security Researcher, Boston University
12	Expert Talk on Android Application PT-Static	13/08/2022	Sheetal Gawande	Mr. Kirankumar Subuddi, Information Security Engineer

13	Expert Talk on Android Application PT-Dynamic	14/08/2022	Sheetal Gawande	Mr. Kirankumar Subuddi, Information Security Engineer
14	Start with Small Steps Innovation & Entrepreneurship	29/08/2022	Deepti Lawand, Gayatri Hegde	Prof. Deepti Lawand, Prof. Gayatri Hegde
15	Expert talk on "Chanakya's view on cyber security"	15/09/2022	Sheetal Gawande	Mr. Pranav Patel (CEO of Chanakya Aanvikshiki Pvt Ltd)
16	A Seminar on Cyber Fraud Awareness	13/10/2022	Information Technology Department	Dr. Prashant Lokhande
18	Expert talk on Behind cloud computing	12/01/2023	Information Technology Department	Mr. Kedar Borade, Principal Software Engineering Manager, Azure Compute Microsoft
19	Expert talk on Software Testing	10/03/2023	Sheetal Gawande	Ms. Sheetal Shah and Ms. Pragati Chowhan, Tristha Global Pvt Ltd
20	Expert Talk on Robotic Surgery	15/04/2023	Computer Department	Mr. Rohit Gupta from Medtech Pvt. Ltd. and Mr. Altamash from Johnson and Johnson Medtech Pvt. Ltd.

Windows Fundamental



FREE CYBER SECURITY & DIGITAL FORENSICS INTERNSHIP PROGRAM

Session 03

Speaker :- **Mahadev Gavas**
Security Analyst

Topic: Windows Fundamentals

Saturday 2nd July 2022 6.15 pm IST

cybersecuredindia.com | cybersecuredindia | cybersecuredindia | internship@cybersecuredindia.com

For anyone irrespective of their working domains, at least some basic understanding of how to use computers are necessary. With this view in mind, one of our first seminars of the academic year was about Windows Fundamentals.

Windows based computers are the most commonly used ones. Having a basic understanding of its fundamentals would be useful for anyone who has to make use of them. While most people nowadays have some basic understanding of these fundamentals,

there could be some gaps present. This seminar by Mahadev Gavas gave an overview of Windows Fundamentals.

Programming Fundamentals



Kshitija Tilekar, who is a Software Engineer with Citi Bank, has made an introduction to Programming Fundamentals. While the students learn about these fundamentals during their course works, here the major focus was on how these fundametals are useful to apply it in the industry. Students were keen on understanding how the theoretical concepts that they learn during their classes are actually applied in industry.

Recon



In today's world, cyber security is of utmost importance. In order to be confident about the cyber security of the applications that are built there are various measures that can be taken. Kirankumar Subuddi explained about one such measure, which is very important from cyber security paradiam.

One of the measures of testing Cyber Security is to try to perform Penetration Testing on the application that which has built by the developer. Recon is the initial phase of Pen Testing. The goal of recon is to

gather as much information about the target as you can. More information, the more beneficial it will be for further phases of pen testing.

Burpsuite



CSJ Cyber Secured India
FREE CYBER SECURITY & DIGITAL FORENSICS INTERNSHIP PROGRAM
PCE PILLAI COLLEGE OF ENGINEERING

Session 06

--: Speaker :-
Kirankumar Subuddi
Information Security Engineer

Topic
Burpsuite

Sunday
10th July 2022
10.00 am IST

cybersecuredindia.com | cybersecuredindia
cybersecuredindia | internship@cybersecuredindia.com

Coming back to the theme of Cyber Security, Kirankumar Subuddi explained about a software security application used for penetration testing of web applications. Various tools of Burpsuite work seamlessly together to support the entire testing process, from initial mapping and analysis of an application's attack surface, through to finding and exploiting security vulnerabilities.

This seminar gave our students insights about how off-the-shelf tools utilised as part of the software engineering process.

SQL injection



CSJ Cyber Secured India
FREE CYBER SECURITY & DIGITAL FORENSICS INTERNSHIP PROGRAM
PCE PILLAI COLLEGE OF ENGINEERING

Session 09

--: Speaker :-
Mahadev Gavas
Security Analyst

Topic
SQL Injections

Saturday
16th July 2022
10 am IST

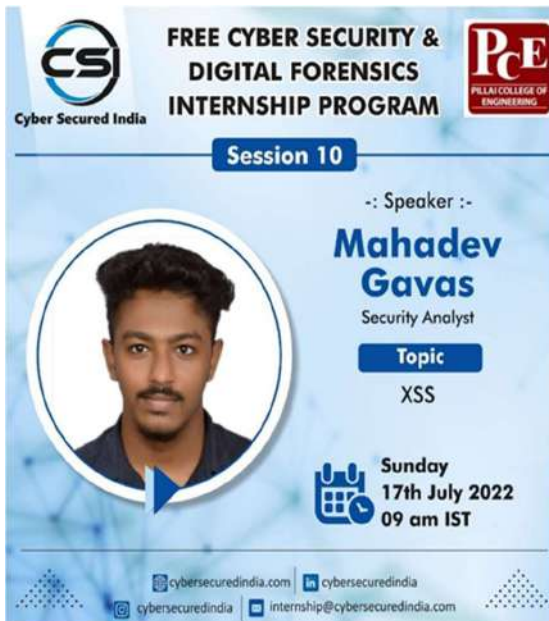
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Continuing with our theme of Cyber Security, Mahadev Gavas delivered a seminar on one of the most basic security attacks and the measures that need to consider for preventing these attacks.

SQL Injection is a web security vulnerability that allows an attacker to interfere with the queries that an application makes to its database. These attacks allow attackers to spoof identity, tamper with existing data, cause repudiation issues such as voiding transactions or changing balances, allow the complete disclosure of all data on the system, destroy the data or make it otherwise unavailable, and become

administrators of the database server. The seminar helped students in understanding various programming language agnostic measures.

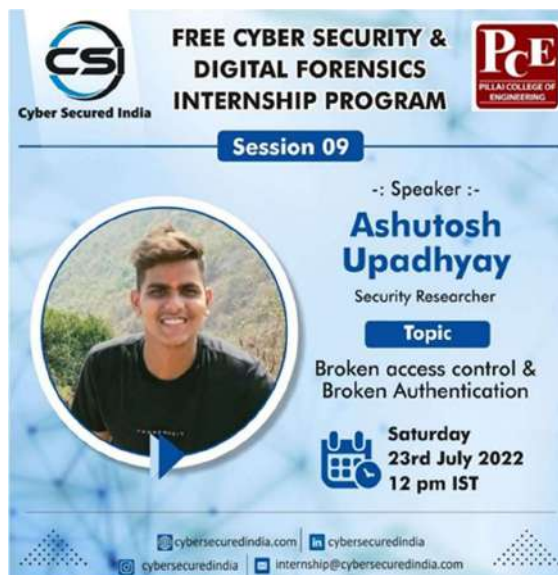
Cross Site Scripting (XSS)



Cross Site Scripting (XSS) attacks are a type of injection, in which malicious scripts are injected into otherwise benign and trusted websites. It is a very important aspect of Cyber Security and has to be taken care of whenever one develops any web application.

Mahadev Gavvas gave an introduction of this very important topic and impressed upon all the attendees the reasons why we need to make sure that XSS attacks stopped. Basic ideas of how to manage this using some prominent programming languages has also demonstrated.

Broken Access Control and Broken Authentication



Ashutosh Upadhyay who is a Security Researcher, conducted a seminar on another important Cyber Security attack. Broken access control vulnerability is a type of security flaw that allows an unauthorized user access to restricted resources. By exploiting this vulnerability, attackers can circumvent standard security procedures and gain unauthorized access to sensitive information or systems.

Broken authentication attacks aim to take over one or more accounts giving the attacker the same privileges as the attacked user. Authentication is

“broken” when attackers are able to access passwords, keys or session tokens, user account

information, and other details to assume user identities. Both these topics has introduced by the speaker in an easy-to-understand manner.

CSRF and SSTI



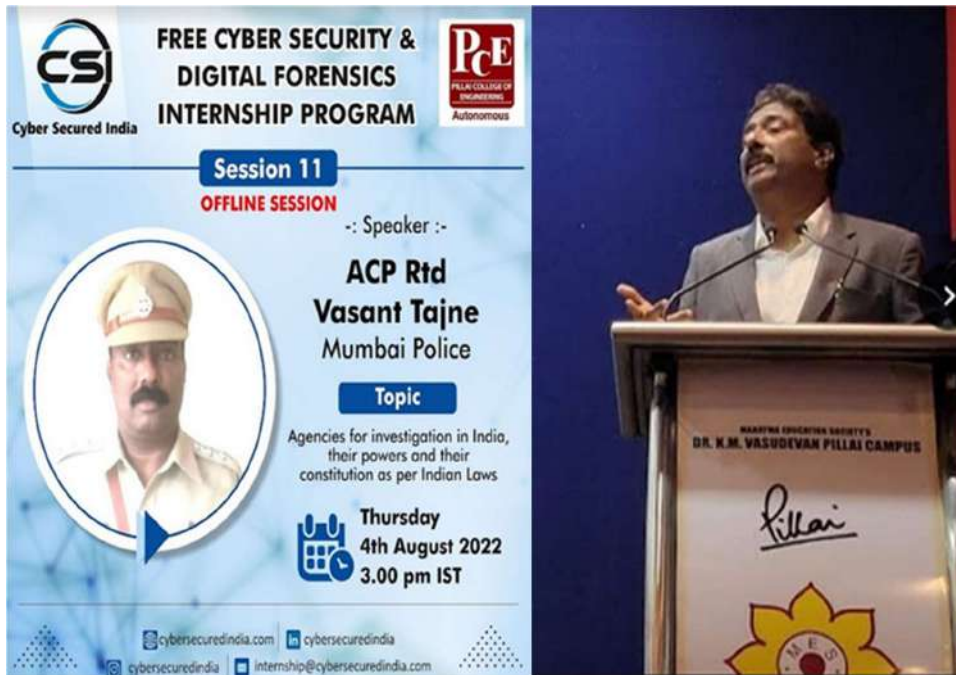
Continuing in the area of Cyber Security awareness, Mr. Harsh Parekh introduced the topics of Cross Site Request Forgery (CSRF) and Server-Side Template Injection (SSTI).

SSTI vulnerabilities occur when user input is embedded in a server-side template in an unsafe manner and results in remote code execution on the server. CSRF is an attack that forces an end user to execute unwanted actions on a web application in which they are currently authenticated. Some aspects of social engineering were also covered as the part of this seminar.

Agencies for investigation in India, their powers and their constitution

This talk was organized to explore Agencies for investigation in India, their powers and their constitution as per Indian Laws.





Android Application PT-Static and PT-Dynamic

Kirankumar Subuddi took 2 sessions on Penetration Testing (PT) for Android Applications. With increase in the number of Android Applications, security of these applications becomes an often-ignored topic. Through these sessions, we were introduced to the Static and Dynamic ways of performing Penetration Testing.



Chanakya's view on cyber security



While looking at the future, it is sometimes good to look back and learn from history. Pranav Patel used references to the history of Chanakya and helped us understand how his policies are

relevant even now, especially in the field of cyber security.

Cyber Fraud Awareness



PCE, IQAC in collaboration with the Department of Computer Engineering organized a One-Day seminar “CYBER FRAUD AWARENESS” on 13th October, 2022 for Non-Teaching Staff.

Cyber fraud is a type of criminal activity that targets individuals, businesses, and governments by stealing personal and financial information from electronic devices. Cyber fraud can cause significant financial losses, damage to reputation, and undermine trust in digital transactions. Therefore, it is essential to raise awareness of cyber fraud and its impact on society.

Increasing awareness can help prepare people for the new challenges of the digital age by creating more proactive measures to counter cyber fraud activities.

Behind Cloud Computing



A special session on Cloud Computing was arranged to give an introduction about the types of Cloud Computing, its features and the kind of tasks that can be done on it.

This session was organized specially for UG and PG students learning “Cloud Computing and related technologies” for relevant courses under PCE Autonomy. Students clarified all their doubts from experts in Q&A session.

Software Testing



PCE has signed an MOU with Tristha Global, under which students will benefit from getting internship and placement opportunities. A special seminar was arranged where members of Tristha Global talked about the software testing domain and the career opportunities in it.

Robotic Surgery

The department of computer engineering organized an expert talk entitled “Robotic Surgery” on 15th April 2023. The main objective of the talk was to provide an exposure for the students of third year computer engineering on how robotics can be used in surgery. The topic of the talk was in relevance with their elective subject- Robotics and its application. Two experts from this field, Mr.



Rohit Gupta from Medtech Pvt Ltd and Mr. Altamash Syed from Johnson and Johnson Medtech Pvt Ltd delivered the talk. In this seminar, an overview of the field was introduced along with advantages and types of robotic surgery. Special focus was given on various career opportunities available in this field.

Department of Applied Sciences, Mathematics and Humanities

SN	Event Name	Date
1.	One Week Yoga Camp at PCE in Association with Patanjali Yog Samithi (PYS)	21 th to 29 th November 2022
2.	Makers Day	03 Dec 2022
3.	Meditation Activity	27 th 28 th 29 th December 2022
4.	Poster Making Competition	07 Jan 2023
5.	Mathematics Quiz	21 March 2023
6.	First Year Engineering Sports Day	23rd, 24th and 27th March 2023
7.	Pre-Placement Talk	25 Apr 2023, 27 Apr 2023 3 May 2023
8.	Environment Awareness Rally	29 th April, 2023
9.	Treasure Hunt Activity Report	6 May 2023
10.	Unlock Engineering	12 June - 16 June 2023

One-Week Yoga Camp at PCE in Association with Patanjali Yog Samithi (PYS)

Yoga is seeking the unison of mind and body. Once this unison is achieved, limitless happiness flows, and this itself is the ultimate goal of human beings. Moreover, it has been scientifically proven that, Yoga helps in decreasing the impact of stress in students, emanating due to failures, peer pressure, and tough competition.

As a first step in this direction, PCE organized a one-week Nishulk (free of cost) Yoga camp in association with Patanjali Yog Samithi (PYS), Panvel Vibhag, for FE engineering students on the **21th to 29th November 2022**. This activity was held at the basket-ball synthetic turf court of Dr. K. M. Vasudevan Pillai's campus, New Panvel.

The objective of the free-of-cost Yoga course was to inculcate the instructions recommended by the steering committee of Mumbai University for FE Engineering student in Induction program. In addition, the Yoga activity was aimed at spreading awareness and importance of yoga amongst youngsters.

Mr. R. P. Yadav, Zilla Prabhari of Patanjali Yog Samithi, Panvel Vibhag and a former Retd. Lieutenant Indian Naval Services, presided over as the chief Yoga teacher. He was supported by eight subordinate teachers from his organization.

Around 600 students were benefited by this unique one-week program, with two hours of yogic activity on each day. The Yogic activity started with a Prayer and ended with Shantipath. The different Yogic activities included physical exercise, hard sit-ups, pranayam, tali vandan, lion roaring, and asanas. One of the hallmark of the yogic meet was the proactive participation of Staff members in the Yoga sessions.

The valedictory function included enlightening talks from Prof. Ravindra Nikam, and Mr. R. P. Yadav. An amount of Rs. 3000 was donated by PCE to PYS, towards the noble cause of spreading awareness of Yoga, especially amongst youngsters. As a parting gift, representatives of PYS, donated their organizations batches to every participating student.

Practice enhances performance, which eventually leads to perfection. The same is true for mastering Yoga. As a teacher, we hope that by organizing this unique Yoga activity, we have taken a small step towards inspiring the students for practicing Yoga. Based on individual persistence, perfection in Yogic Asanas will eventually follow.

MAKER'S DAY

PCE organises a Maker's Day every Year. This time we celebrate Maker's Day 2021-22 on 3rd December, 2022 in first half (morning). The idea behind this celebration is to make all students aware about facilities that are available in PCE campus and inspire them to make use of available resources in their projects.

Benefits in terms of learning/skill/Knowledge obtained with these events. Maker's Day helps the students to familiarize themselves with all the departmental laboratories present in the college. Maker's Day gives students an idea about different labs, the lab equipment's, and experimental setups, exists in each lab. When students will use these lab equipment's in their project work for PBL, B.E. project, mini project, the purpose to organize this event is satisfied.

**Mahatma Education Society's
Pillai College of Engineering**
(Autonomous) (NAAC A+ Accredited)

MAKERS DAY 2022

3rd Dec 2022 Time : 09 am - 01 pm

Innovation and Research Center (P002)
Drone Consultancy
Hardware Tools
Research Projects

CAD FEA Lab (J201)
AutoCAD / Solidworks
ANSYS
MATLAB

Metrology and Quality Control Lab (J202)
Inspection and Quality Instruments

Makers Studio/CNC Lab (R002)
Component Library
3D Printing (FDM / SLA)
Laser Cutting
CNC Machine

Automotive Lab (Workshop Shed)

Strength of Material Lab (R003)
Uniaxial testing
Impact Testing
Hardness Testing

Material Technology Lab (J101)
Material Testing Facility

PC Assembly & Debugging (J101)
Assembly and disassembly of PC

Microprocessor and Microcontroller Lab (T401)
Atmel 89v51RD2
PIC Microcontrollers
Interfacing Devices - DC, Stepper Motors
ADC/DAC, LCD, Keypad etc.

Communication Lab (T403)
Analog Mod/DeMod Kits
Digital Mod/DeMod Kits
Digital Signal Processing Kits
Various Antennas

**Mahatma Education Society's
Pillai College of Engineering**
(Autonomous) (NAAC A+ Accredited)

MAKERS DAY 2022

CISCO Networking Training Center (S101)
Java 7
Geary
Build Essential
Cisco Pocket Tracer
Python
WIRESHARK
NAM
Kali Linux

Database Lab (S107/S108)
JTubo C++
WPC
Sy-Labs
pos GreSQL

Big Data and IoT (R101)
Data Mining and Big Data tools link
Weka, Hadoop, NoSQL Database & MapReduce
Node Mcu, Arduino, Raspberry Pi

Digital Forensic Lab (S207)
Turbo +
JAVA
pos greSQL
kali linux

Industry 4.0 Lab (P409)
Dobot Training Kit
Robotics and Automation
5G Communication

Artificial Intelligence and Machine Learning Lab (S104)
High end Workstations

SPARK Racing Team (SRT) (Workshop Shed)

Gumkhana (Workshop Shed)

Hyperion Racing Team (HRT) (Workshop Shed)

Vanguard Racing Team (VRT) (Workshop Shed)

Meditation Activity

The Department of Applied Sciences, Mathematics and Humanities (ASMH) first year engineering, organized a Meditation Activity for first year engineering students as a part of their curriculum and induction program in collaboration with Team TAPAS PCE.

The meditation schedule was organized for three consecutive days 27th 28th and 29th of December for one hour from 9.00 AM to 10.00 AM. This event was divided into a 3-days session program in which various renowned speakers from Heartfulness conducted the sessions and shared their experiences and wisdoms with us. Event was organized and volunteered by first year engineering faculty class coordinators of all 10 divisions and the members of student body TAPAS-PCE. Dr Deepali Shrivastava hosted it, Dr Sachin Wani welcomed the guests, welcome speech addressed by Dr Manju Pillai and vote of Thanks has been delivered by Dr Kamini Choudhary.

The session for the first day, 27th Dec 2022 was conducted by Mrs. Lalitha Dhareshwar Heartfulness Meditation trainer, which was based on the basics of meditation and a talk on why to meditate followed by relaxation and meditation practice. The session was held for 1 hour. The same schedule was continued for the next day, Second day, 28th Dec 2022, the Cleaning process and thorough relaxation was the agenda of the session by Dr. Lalitha.



Session Conducted by Dr. Lalitha Dhareshwar

Poster making Competition

“A poster presentation competition” was organized by Pillai College of Engineering in association with AICTE- IDEA lab for students of the college at the second floor auditorium at Pillai’s campus at Panvel. The event started with inauguration by the Principal Dr.Sandeep Joshi and First year Engineering coordinator Dr. Arun Pillai at 11 am, 7th January 2023.

In this competition, the participating teams made themes with the help of posters and presented them in front of judges supported by reports, displays and research findings. Several posters were based on the topics that revolutionized humankind, like Evolution of mobile technology and its repercussions, Aerosols: The Future of Material Technology, Gyroscope in rocket and missiles etc. Around 200 students and faculty of the college visited the Exhibition and learnt about the uses and applications of various projects.

The winners of first, second and third prizes were awarded with cash prizes and certificates and all other participants were given participation certificates. The themes of the competition are Engineering Innovation Marvels, Anecdotes of Scientific Inventions.



Mathematics Quiz

The Department of Applied Sciences, Mathematics and Humanities organized a Mathematics Quiz 2022-23 on 21 March 2023 for first- and second-year engineering students. This quiz is aimed to develop interest among the students in mathematics. This quiz will create an awareness about topics in mathematics, which helps them to learn mathematics during higher

studies. The Quiz was based on the basics of mathematics from 12th standard mathematics and first year engineering mathematics.

The quiz is organized in two parts. The first part was the elimination round which was successfully conducted on 13th March 2023. The Elimination round had 50 MCQ questions of 2 marks each. The registration fee for the mathematics quiz was Rs.50. There were a total of 68 participants for the elimination round. Out of which 46 students successfully completed round one. The top 18 students were selected for the final round of the quiz. The final round of quiz was conducted on 21st March 2023 in 7th floor Auditorium of PCE. The quiz started with an opening remark delivered by Prof. Lilly Pradhan, Assistant Professor, Department of ASMH followed by a welcome address from Dr. Arun Pillai, HOD of ASMH. It was organized in three rounds: Mastermind round, Bonus round and fastest finger round. There were six groups, each group consisting of three students, named as ALPHA, BETA, GAMMA, DELTA, PIE and THETA. There was a special round for the audience. All the Faculty members of the Department of Applied Mathematics actively involved in the organization of the quiz. Dr. Sachin S Wani and Prof. MaheshKumar Kudre were the judges for the quiz.

The winners of the Mathematics quiz 2022-23 are as follows

Group Name	Name of Student	Prize	Prize money
ALPHA	Aasiya Rafiq Momin	First	1700
	Bhoir Jatin Ajay		1700
	Aditya Ramdas Suryawanshi		1700
PIE	Yash Maruti Mahamulkar	Second	1000
	Atharva Vivekanand Kolekar		1000
	Mansi Singh		1000
Gamma	Nakul bhagwan dafale	Third	700
	Asmitha Michael		700
	Sontakke Rishiraj Gopal		700

The quiz ended with the announcement of winners and vote of thanks by Prof. Sonali Phadke. The Winners of the Quiz were awarded a cash prize and a certificate of appreciation. The remaining three groups were also awarded with certificates of appreciation. The top three

students from the audience round were also rewarded. The students who had qualified in the elimination round were awarded with certificates of participation.



Hosting by Prof. Lilly Pradhan



Welcome address by Dr. Arun Pillai

First Year Engineering Sports Day

The annual sports tournament for FE (First Year Engineering) was held in Pillai College of Engineering on 23rd, 24th and 27th March 2023 from 3 pm to 5 pm. The event was held by the PCE Sports Committee under the guidance of Prof. Yogesh Kene and Dr. Arun Pillai in



Inauguration of FE Sports Day

coordination with the PCE students' council. FE HOD Dr. Arun Pillai inaugurated the event by giving all participants a boost with his valuable words. Sports Faculty Co-ordinator Prof.

Yogesh Kene also addressed the students about the importance of sportsmanship and discipline during competitive games. Various other FE faculty showed their valuable presence which gave a boost to the participants.

Four team events and four individual events were conducted as following:

1. Futsal (boys) 5+3 reserves
2. Tug of war (boys) 5+3 reserves
3. Throwball (girls) 5+3 reserves
4. Tug of war (girls) 5+3 reserves
5. Carrom Singles
6. Chess
7. Badminton singles (Girls)
8. Badminton singles (Boys)

FE students participated in great numbers, making this event a great success. The inauguration ceremony carried out by Principal Dr. Sandeep Joshi and he enlightened the students with his valuable speech. The speech was delivered by the Sports faculty Prof. Yogesh Kene on Sportsmanship and discipline which one needs to carry while playing competitive games.

Pre-Placement talk

‘Pre-placement talk’ 2023 was organized by department of Applied Science Mathematics and Humanities together with Training and Placement Cell of PCE at Pillai College of Engineering, New Panvel for first year students on 25th April 2023, 27th April 2023 and 03rd May 2023 respectively.

Around 430 students from all branches attended the talk. The Talk was conducted in 7th floor Auditorium on first two days and in Conclave 1 (3rd floor) on the last day. Resource persons for the ‘Pre-placement talk’ were Dr.Prashant Lokhande and Prof. Nitin More. Class Coordinators of all ten divisions were actively involved in the talk. First year Coordinator Dr. Arun Pillai welcomed the gathering.



Welcome speech by Dr. Arun Pillai

Environment awareness rally

Nature Club – The Environmental Club of PCE, New Panvel in association with Panvel Municipal Corporation, NSS and Infinity foundation celebrated Earth week by organizing an “Environmental Awareness rally” on the theme “Save the earth” on 29th April at 9 am to 12 noon.



- Route Map for Rally: PCE Campus--CKT College--Kalimata Mandir--Ayyappa Temple--Adai Circle--Shiva Complex--Panvel Head Post Office--Abhyudaya Bank--Panvel Railway Station-- PCE Campus.
- The major objective was to create awareness among the students as well as local residents for Environmental protection.
- Around 500 students from all the branches of Pillai College of Engineering made active participation in the rally.



- Teachers played a supporting role for the students in the rally.
- The rally was started by holding placards and continued by saying slogans.
- The rally spread the message to maintain greenery as well as clean surroundings by recycling waste in the campus and its' surrounding society.
- There was a placard competition also among the students and winners were awarded with cash prizes.

Treasure Hunt Activity (Proof reading from here)

The Department of Applied Science, Mathematics and Humanities organized the annual Treasure Hunt activity for the first year students on 06 May 2023 for enhancing their critical thinking and speaking skills. This was done by introducing a game to make it challenging, as well as include the element of competition and fun.

The game was designed by following the concept of Treasure Hunt where it was required for each group to hunt for articles within the vicinity in the stipulated time. A time limit of 5 minutes was allotted for the activity. It was expected that students use their critical thinking

skills to gather the articles in 5 minutes. In addition, the groups were also required to speak for 5 minutes on any given article. 225 students participated in the activity.



The activity consisted of two rounds. The first round was the elimination round where the students had to undergo a written test consisting of vocabulary and grammar questions. 14 groups qualified for the second round. This event was equally appreciated by teachers and students. The response for the event was overwhelming and it turned out to be a grand success.

The winning groups and the participants were given certificates to motivate and instill in them a feeling of competition and fun. Cash prizes were awarded to the five winning groups of Rs 3000/-, Rs 2000/-, Rs 1000/- and two consolation prizes of Rs 500/- respectively.

This activity helped students to learn by playing and enjoying. Critical thinking skills are a key element in the development of ideas and generating different perspectives. It is with this idea the game was introduced for the first year students.

Unlock Engineering

One-week activity camp included various activities like Product Design, Photography, Personal website Design, Writing Blogs Electronics - An Introduction, Sensors in day-to-day life, Internet of Things (IoT), and Cyber Security which was conducted by the eminent faculties of Pillai College of Engineering.

Dr. Arun Pillai introduced the activity and the flow of the program to the participants. Also, discuss the importance of the above activity for choosing the right career path. Each faculty demonstrated and delivered their topics and help students to utilize knowledge in their projects. All 7 Project groups completed their project ideas into models. Pillai College provided all the facilities like Electronics components, Arduino boards, Sensors, 3D printing facility, etc. to complete their project.



The evaluation of the project was done by Dr. P S Goyal. The college has facilitated top 2 projects with certificates and trophies. For the valedictory function, Principal and all the mentors were present. Many participants shared their experiences and gave positive feedback about the activities. The coordinator of the above activity Prof. Ameet Mehta, Prof. Yogesh Kene, and Prof. Suhas Lawand shared their thoughts in front of the participants. Dr. Avinash Vaidya HOD of the EXTC department involve in every activity and provides his expertise in organizing the event. Dr. Arun Pillai throws light on the success of Unlock Engineering and motivates students to choose their careers. Dr. Sandeep Joshi appreciates the efforts taken by every faculty member involved in the activity and felicitates the winner and runner-up project groups.

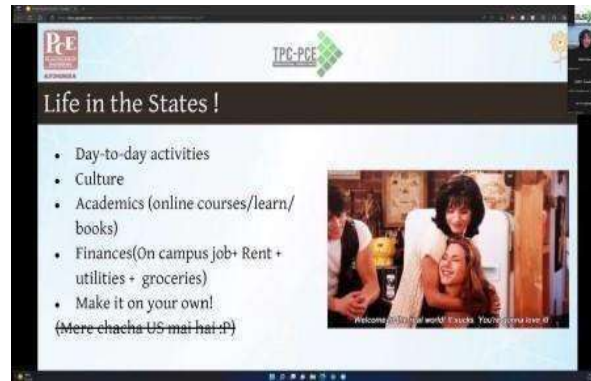
Co-Curricular Activities

Training and Placement Cell

SN	Name of Event	Date Conducted	Speaker
1	Life Abroad - The Alumni Talk (USA- Based Session)	3/7/2022	Ketaki Barde and Parth Rajput
2	Victors of TCS-NQT	13/ 08 / 2022	Niranjan Badgujar
3	Victors of Capgemini	25/9/2022	Yogesh Mishra, Snehal Mane, Sakhi Jadhav
4	Career in the Indian Armed Forces	12/12/2022	Captain Ramesh Tope
5	Inspira 2.0	12/1/2023 to 23/1/2023	–
6	Day 1: Beyond Engineering Exploring Career Options	12/1/2023	Dr. Munir Sayyad Dr. Shruti Mishra
7	Day 2: Next Frontier of A.I: Machine Intelligence to Machine Wisdom	13/1/2023	Dr. Pratap Sanap
8	Day 3: Mock Placements	14/1/2023	–
9	Day 4: Discovering Your True Potential	20/1/2023	Mr. Sameer Narad Mrs. Yukti Kapoor Mehandiratta
10	Day 5: Money Matters	23/1/2023	Mr. Subhas Chavan Mr. Akshay Gupta
11	Taloja Industry Association	24/1/2023 to 25/1/2023	–
12	Apprenticeship Awareness	2/2/2023	Shri. Rohan Patil Shri. Nitin K. Choudhari
13	Interactive Session for Industrial Compliances & Govt Incentives for MSMEs	4/3/2023	Shri. Bhushan Marde Shri. Vidyasagar Killedar Shri. G. S. Haralayya
14	Placement Readiness	9/3/2023	Mr. Vinay Raikar
15	Career Guidance Counseling	10/3/2023	Ms. Purva Tolia

Life Abroad - The Alumni Talk (USA- Based Session)

Under the management of TPC-PCE, a webinar was conducted at Pillai College of Engineering on the 3rd July, 2022. The speaker at the webinar was our Alumni, Ketaki Barde and Parth Rajput.



This talk gives the students an idea about how they can pursue further studies abroad in different countries. In this USA-based session, students learned about education in the USA from the speakers. Ms. Ketaki Barde started the webinar by giving the students some background on her education and then she moves on to discuss the career paths students can opt for while going to the USA for education. The next topic discussed is the entrance exams, which are a pre-requisite to getting admission into colleges in the US. Ms. Ketaki also discusses life in the States and gives insight to the students about what to prepare for once they reach there. The next point of discussion was the job prospects abroad and what students can expect after completing their education. Mr. Parth Rajput then took over the session and provided information to the students about where they could begin their journey. He spoke about searching for jobs and talked about the whole process of finding a job in the States. To conclude the session a Q&A was taken by the speakers to answer any queries the students might have had. This session was helpful and informative for the students willing to study abroad and those looking to explore more options. The webinar was a grand success with over 100 students being a part of it.

Victors of TCS-NQT

Under the management of TPC-PCE, a webinar was conducted at Pillai College of Engineering on the 13th August, 2022. The speakers at the webinar were the Alumni of Tata Consultancy Services (TCS). The main objective of this event was to enable the students to understand the placement procedure for TCS which visited the campus. The webinar, conducted in online mode started with

our host Ms. Aarti Mhatre who addressed the alumni, this was followed by a brief introduction about the TCS’s National Qualification Test (NQT) by our first alumni, Ms.Ridhi Gosh, which comprised the following selection processes namely, TCS Ninja and TCS Digital. The reins were then handed over to Mr. Niranjan Badgujar who talked about the interview process which is bifurcated into two categories namely, technical interview and HR interview. The next alumni to whom the reins were passed on was Mr. Aakash Krishnan who briefed about the training provided by the company. The last part of the webinar consisted of the Q&A session where the speakers cleared the doubts of the students in attendance



and which was followed by their personal experience of the interviews they had given, at the end this webinar delivered what it was meant to, the students. This webinar successfully helped the students in a way that at least gave them the overall view of the placement procedures that these companies hold in practice and the way the students can ace it when the opportunities present themselves.

Victors of Capgemini

Under the management of TPC-PCE, a webinar was conducted online mode on the 25th September, 2022. The speakers at the webinar were the alumni of Capgemini. The main objective of this event was to enable the students to understand the placement procedure for Capgemini.



Our training and placement officer, Dr. Prashant S Lokhande started this event by addressing the students present and then handed over the reins to our first alumni, Mr. Yogesh Mishra who is an

analyst at Capgemini. The highlight of the second round, which is the ‘English Proficiency test’ (round two), was addressed by our second alumni, Ms. Snehal Mane who is a senior analyst in the firm. Round two is an elimination round in which one has to answer 30 MCQs in 30 minutes and for which scoring below the threshold would result in the elimination of the candidate. Ms. Snehal then passed over the reins to our third alumni, Ms. Sakshi Jadhav who is also a senior analyst in the firm. She walked the students through the key points in getting ready for the interview and the hows to ace it. She started by stating the importance of building a strong introduction followed by brief information about the two sets of interviews that the company holds in two categories which would be a technical interview followed by an HR Interview. The final step was followed by a Q & A session by our alumni who answered the queries put forward by the students.

Career in the Indian Armed Forces

The Training and Placement Cell Committee (TPC) of Pillai College of Engineering (PCE) New Panvel conducted an educational talk on “Career in The Indian Armed Forces”, whose speaker was Captain Ramesh Tope. Initially, he introduced students about the jobs they aspire to do after graduating from an engineering college concerning their chosen streams. He then stressed the possibility of an engineer enrolling in the Indian Armed Forces via four different recruitment processes. The candidates can choose the commission per their educational qualifications and other requirements in the Indian Army. One of the entries into it is via the SSC (Tech). Entry process consists of a written exam, an SSB Interview, and a medical exam. Another way into the



army is via the Combined Defence Services (CDS) exam which requires a degree from a recognized educational institution and other parameters at play. The third one is the TGC

(Technical Graduate course).

Toward the end, Captain discussed the perks and benefits of being an army officer and his experience of serving in the Indian Army. The perks included a family pension, Ex Gratia from the central govt, army group insurance, and much more. In the end, a Q & A session was held where the doubts of the students were cleared by the captain giving the students a clearer idea about what it would take to be in the army and the requirements and responsibilities that will come with it. This webinar was a success and delivered what students needed to know.

INSPIRIA 2.0 (2023)

INSPIRIA 2.0 was conducted from January 12th to 23rd, 2023 at main Auditorium, 7th Floor, PCE Panvel. The first day topic was ‘Beyond Engineering: Exploring Career Options’, started with two speakers, Dr. Munir Sayyad, assistants at Reliance Jio and Dr Shruti Mishra, senior facilitators for verbal ability and soft skills. Our first speaker shared his experience and thoughts on working at Reliance and how he climbed the ranks at Jio. This was followed by our second speaker, Dr Mishra, who stressed the importance of learning and acquiring the ability to communicate in a professional setting and explored the possibilities after completing B.Tech. The students were inspired to think about the next possible steps to take after the completion of their Btech undergraduate degree.



Day 2, Jan 13, 2023, the event started at 3:30 P.M. onwards, with the topic, 'Next Frontier of A.I: Machine Intelligence to Machine Wisdom'. The event was graced by the presence of Dr. Pratap Sanap, an expert in the field of AI and head of research and innovation at Neilsoft Pvt. Ltd. Dr Sanap presented his insights and knowledge on the topic of machine learning, a crucial aspect of AI that enables machines to learn from data without being explicitly programmed. He spoke about the most recent advances in machine learning and its various applications. Dr Sanap provided real-world examples of how machine learning algorithms are currently being utilized to solve complex problems and highlighted some of the limitations and challenges associated with the technology.



The event proceeded with a Q&A session and concluded with a vote of thanks. Overall, the event was a great success.

The third day of Inspira was scheduled on 14th January 2023, which started at 10 A.M. The topic was 'Mock Placements'. This was an interactive event where the TPC-PCE team interacted with and guided the participating students through the placement procedure. The event was kicked off by our hosts, Sakshi Dolse and Khushal Koli, who gave an amazing speech at the start of the event about the placement process in brief. This was followed by guiding the students towards the computer labs on floor 1 in the south wing, where they gave the aptitude tests. In the group discussion, the students were given a topic to discuss, upon which they evaluated various factors pertaining to the soft skills involved, followed by their knowledge of that particular topic. Lastly, it was followed by a mock interview in which the candidate was judged on their technical knowledge and the questions asked. In the end, this event received positive responses from the participants involved, who said it enhanced the placement procedures and gave them a flair, until shall they appear for an interview.



Mr. Sameer Narad, a subconscious mind expert, gave an energetic start on 'Discovering Your True Potential' on the fourth day of Inspiria. He explained the importance of having an optimistic outlook on life and the impact it has on the decisions we make in our day-to-day life. This was followed by our second speaker, Mrs. Yukti Kapoor Mehendiratta, a leadership & etiquette coach. She emphasized the three pillars that make up our whole personality and our character. Toward the end, it was followed by a little exercise that she gave the students to do, followed by a Q & A session where the doubts of the students were cleared. This seminar proved to be useful as evidenced by the feedback and placed an idea in the minds of young engineers to focus on the human skills that will ultimately take them beyond.



On the fifth day of Inspiria a seminar on "Money Matters: A seminar on managing your money wisely" was held. The speaker, Subhas Chavan, the managing partner at Moat Wealth Associates LLP, gave a comprehensive talk on financial management and investing methods. The event started with a short film on compounding and finance management, providing essential knowledge for everyone. The assistant speaker, Akshay Gupta, who is the founder and chief financial planner, further explained the concept of wealth management and the importance of investing early. The

event further proceeded with a Q&A session where students clarified their doubts. The final event of inspiration was concluded with a vote of thanks.



Taloja Industry Association

The event conducted on 24th January 2023 to 25th January 2023 at 11 A.M. Under the management of TPC-PCE, the Taloja Industries Association (TIA) held their highly anticipated two-day event, TIA Expo 2023, on the 24th and 25th of January 2023. The Expo, which featured stalls from small businesses, banks, entrepreneurs, and government sectors, was a hive of activity from start to finish. The day's main focus was the 22 companies that presented their company profiles on both days of the event. The major topics discussed were Vendor Registration on Procedure and Store/Services available for MSEs, schemes, products, awareness, digital support, and certifications, among others. The venue was packed with visitors from different sectors of industries. The day's guest of honour included the ex-corporator of Panvel MIDC and



MLA Prashant Thakur, and Praful Umare assistant director of MSMO DFO Mumbai, who graced the occasion with their presence. The second day of the highly anticipated EXPO was similar to that of the first day wherein the companies presented their company profiles and similar topics proceeded for discussion among others. The additional activities on day two

included the presence of all the various MIDC representatives from all over Maharashtra who then proceeded to visit the stalls later in the day which was followed by an intense discussion on the problems currently in existence and their possible solutions. Towards the end of the day, the Police commissioner visited the event and all of the stalls. The day was concluded with speeches from a few dignitaries from TIA, who thanked all those who contributed to making it a reality. The second day in particular ended with the felicitation of all the stall owners. Certificates were provided to them for their presentation of the ideas.

Apprenticeship Awareness

The event scheduled on Feb 2, 2023, between 10 A.M. to 3:30 P.M. Under the management of TPC-PCE, a National Apprenticeship Awareness Workshop was held starting from 10 A.M. onwards. This workshop was started by Inauguration, followed by Lamp Lighting Ceremony along with opening remarks. A welcome speech was delivered by Shri. Nitin K Choudhari, which was then proceeded by a short Presentation on, “Introduction to Apprenticeship Landscape” by Shri Rohan Patil. He continued his Presentation thereafter on the topics such as, “Benefits of Establishments”, “Introduction to NAPS”, “Reforms Undertaken for simplifying Apprenticeship processes”, etc. Various short presentations followed it up until Dr Sandeep Joshi delivered the presentation on behalf of Pillai College of Engineering. Various success stories of Establishments on Apprenticeship took place by companies like Hindalco, MGM, Niwage, Automotive, Technova, and Warstlia.



Toward the end, a Q&A session was followed, followed by a Vote of Thanks along with closing remarks by DGT. A one-hour break took place shortly after the vote of thanks followed by a Student Awareness Workshop on Apprenticeship training for trainees of ITI. This workshop at the end of the

day proved to be successful and useful to whoever attended it as it involved various divergence talks and presentations throughout the day.

Interactive Session for Industrial Compliances & Govt Incentives for MSMEs

This session was conducted on 4th March 2023, between 4 PM to 7 PM, at Conclave, 3rd floor, PCE, Panvel. Under the management of TPC-PCE, an Interactive Session for Industrial Compliance & Govt Incentives took place for MSMEs. It started with the Lamp Lighting ceremony followed by addressing the Laghu Udyog Bharati (LUB) Maharashtra Secretary Shri Bhushan Marde. He addressed the need for having this session to have a solution for various difficulties the MSMEs face while in operation. After addressing the need, he introduced the regional officer, Shri.Vidyasagar Killedar, MPCB Raigad. He addressed the need to bring pollution under control for the enterprises coming under MSMEs, to develop an eco-friendly environment to try tackling climate change beginning at the small/regional level. The main aim of the MPCB is to try to minimize pollution by adopting cleaner technologies and encouraging reuse/recycling to reduce waste in the surroundings. He then introduced Shri G S Haralayya, the General Manager of the District Industries Center (DIC). In his speech, he stressed the importance of having all of the resources available to small, regional, and village businesses for them to be able to compete at the national level and ultimately go global.



Following a short break, various experts from different governmental sectors addressed the theme of government incentives for various MSMEs so they have the resources at hand to try and tackle global problems at a small scale. In the end, a vote of thanks was delivered to all the dignitaries for giving their valuable time to the students.

Placement Readiness

Date: 9th March 2023 Time: 11:30 am

Under the management of TPC-PCE, a seminar on placement readiness was held on 9th March 2023 and the speaker for the event was Mr. Vinay Raikar. The host introduced the guest speaker,



Mr Vinay Raikar, who began by emphasizing the importance of getting placement-ready. Mr Raikar explained why internships as well are essential for building industry knowledge, gaining hands-on experience, and understanding how the corporate world operates. He stated that appearing for mock placement events helps students know how to appear for placements and what things they should emphasize and the skillsets they will be needing in order to get placed for a particular company. Mr. Raikar also talked about the training course he provides to interested individuals where the students are taught various topics such as Java, Python, and Algorithms. He also talked about the different colleges he works with, and how he helps students from these colleges to enhance their employability.

The seminar was followed by a Q&A round, where students asked questions about placements, training, and career opportunities. Mr Raikar answered all the questions in detail and provided valuable insights on how students can improve their placement readiness. The students understood the importance of training for placements and how it can enhance their skills to become more employable. The event ended with a vote of thanks to Mr Raikar for sharing his knowledge and expertise with the students and all the people who were involved to make the seminar successful.

Career Guidance Counseling

Date: 10th March 2023 Time: 7 Pm

Under the management of TPC-PCE, a webinar on Career Guidance Counseling was held on March 10, 2023, at 7 pm IST. The speaker of this webinar was Ms. Purvi Tolia who is the managing director and founder of Kenreach Learning LLP. The event started with the speaker introducing her recently found educational business, Kenreach Learning LLP which was followed by a talk on the career options available after the completion of the BTech undergraduate degree. Since choosing a career option can cause quite a stir among students, Ms. Purvi delivered an insightful talk on how to navigate this somewhat chaotic path and pursue a future that would be best fitted for the respective students. Some of the choices to pursue included Masters's in various fields such as CS, Electronics, pursuing a career in MBA, etc. Other choices include being placed after the completion of the degree via campus placements or off-campus recruitment or opting to go for a start-up. This was followed by a Q&A session wherein the students asked queries regarding the topic of this webinar and got their doubts cleared by the speaker regarding the same. The host for the day, Deepraj delivered a vote of thanks to Ms. Purvi Tolia for delivering this informative talk and the webinar proved to be of importance to the students who attended.

Institution's Innovation Council

PCE has established Institution's Innovation Council (IIC) as per the guidelines of 'MoE's Innovation Cell (chanism, MIC)' in the year 2019 with the objective to inculcate the entrepreneurship culture among students, faculty members and alumni. IIC PCE has a team of 37 members from various departments and from Industry. Four members are from Industry and incubation center that regularly interact with the faculty members and students members of the IIC and they also help in arranging speakers and sessions related to startup and entrepreneurship. PCE Institution's Innovation Council attained the highest Star Rating for the academic year 2021-22.



The IIC member details for the academic year 2022-23

Faculty Members	Member Type	Role on Committee
Sandeep Joshi	Faculty	Head of the Institution
Dr Priam Pillai	Faculty	Convener
Dr Avinash Vaidya	Faculty	ARIIA, NIRF and IDEA Lab Coordinator
Dr Richa Agrawal	Faculty	President & Startup Activity Coordinator
Dr P S Goyal	Faculty	IPR Activity Coordinator
Dr Prashant Lokhande	Faculty	Internship Activity Coordinator
Dr. Divya P	Faculty	Innovation Activity Coordinator
Dr. Sharvari Govilkar	Faculty	Member

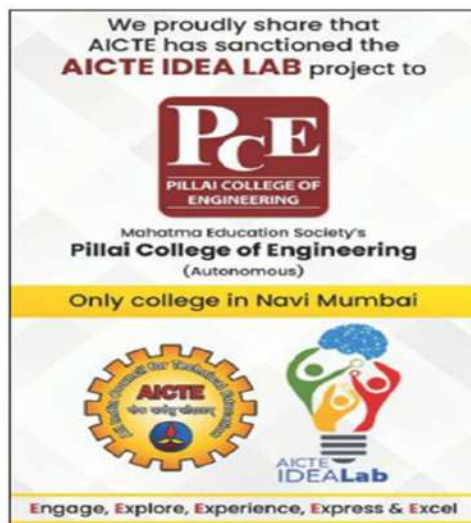
Dr. Arun Pillai	Faculty	Entrepreneur, IDEA Lab Co-coordinator
Mr Lalit Mehta	Faculty	Social Media Coordinator
Harsha Ghadge	Faculty	Member
VarunakshiBhojane	Faculty	Member
Sonali Kathare	Faculty	Member
Gayatri Hegde	Faculty	Member
Deepti Lawand	Faculty	Member
Salim Jafri	Faculty	Member
Bhagwan More	Faculty	Member
Dr Celina Joy	External Members	Member, Incubation Center
Susanna Cherian	External Members	Member, Incubation Center
Franav Pillai	External Members	Entrepreneur
MunawiraKotyad Pillai	External Members	Entrepreneur
Adarsh Rai	Student	Innovation Coordinator
Shreya Naik	Student	Innovation Coordinator
Sangram Khot	Student	Innovation Coordinator
Jatin Chaudhari	Student	IPR Coordinator
Sudiksha Dilip Jadhav	Student	Social Media Coordinator
Adarsh Rai	Student	Innovation Coordinator
Shreya Naik	Student	Innovation Coordinator
Sangram Khot	Student	Innovation Coordinator
Jatin Chaudhari	Student	IPR Coordinator
Aarushi Borkar	Student	Internship Coordinator
Adithi Damodar Shetty	Student	Internship Coordinator
Indrajith Nair	Student	Internship Coordinator
Raj Sachin Patil	Student	Startup Coordinator
Nair Rohan Unnikrishnan	Student	Startup Coordinator
Akhil Sanjeev Nair	Student	Startup Coordinator
Amritha Moorthy	Student	Startup Coordinator
Atharv Gorade	Student	Startup Coordinator
Lakshit Shrimali	Student	Startup Coordinator
Tejas Vilas Khaire	Student	Startup Coordinator
Ayush Sharma	Student	Startup Coordinator
Viraj Narendra Rane	Student	Startup Coordinator

The major achievements in the year 2022-23 were as follows:

1. IIC PCE bagged the Best Poster Award at Regional Meet held at Symbiosis International, Pune
2. IIC PCE was ranked between 151-300 in NIRF Innovation Ranking 22-23
3. The institute received sanction to establish AICTE approved IDEA Lab,
4. Three teams were selected for Smart India Hackathon 2022 out of which one team was winner and one was runner up.



Received Best Creative Poster Award at IIC Regional Meet



AICTE IDEA Lab NIRF



Innovation Ranking (151-300)



Winner and Runner up Teams

The IIC Calendar Activities are distributed in four quarters. Every quarter comprises IIC Calendar activity, MIC Driven Activity and Self Driven activity. IIC Calendar activity and Self driven activities are planned and conducted by the IIC members for the benefit of its students and faculty members.

A few major activities planned and conducted by IIC PCE are as follows.

SN	Activity	Date
1	Session on Achieving "Value Proposition Fit" & "Business Fit" and Converting Innovation into a Startup	July 14, 2022
2	Innovation & Entrepreneurship Exposure Visit cum Training Program	July 21 and 22, 2022
3	IIC Regional Meet, Pune	August 1, 2022

4	Aavishkar Workshop	August 24, 2022
5	Session on Start with Small Steps “Innovation & Entrepreneurship”	August 29, 2022
6	Interactive Session on MVP with Successful Entrepreneurs	September 12, 2022
7	Seminar on Shaping Career Opportunities through Innovations	September 27, 2022
8	Maker’s Day	December 3, 2022
9	Makerthon	December 9, 2022
10	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development	January 31, 2023
11	Fresh Biz 2023	January 31, 2023
12	Innovation Fest Workshop on IPR, Motivational Workshop and Decoding Finance Jargons – Simplified	February 9, 2022
13	National Science Day	March 1, 2023
14	Workshop on Prototype/Process Design and Development	April 10 & 11, 2023
15	Business Plan Competition	April 12, 2023
16	Demo Day	April 15, 2023

Session on Achieving "Value Proposition Fit" & "Business Fit" and Converting Innovation into a Startup

Institute Innovation Council of Pillai College of Engineering, has organized a session on “Achieving Value Proposition Fit & Business Fit” & “Converting Innovation into a Startup” under the MIC Mentor Mentee Program on 14th July, 2022 on an online mode. The speakers for the session were Mr. Anil Jadwani & Mr. Rupak Shah. Mr. Anil Jadwani discussed about value addition to the product so that it becomes more saleable whereas Mr. Rupak Shah shared his experiences and also told about the common test to be performed by every beginner to check whether the idea or innovation could sustain in the market. Both sessions were very interactive.



Innovation & Entrepreneurship Exposure Visit cum Training Program



Institute Innovation Council of Pillai College of Engineering, organized a 2 days Innovation & Entrepreneurship Exposure Visit cum Training Program on 21st and 22nd July, 2022. Sessions by experts in various domains of Innovation and Entrepreneurship were planned and scheduled during these two days. The Inauguration of the Program was held in the presence of Dr. Priam Pillai, Chief Operating Office, Mahatma Education Society and other invited guests along with representatives from all Mentee Institutes. IIC PCE President, Dr. Avinash Vaidya briefed about the goals and achievements of PCE Institution’s Innovation Council. Chief guest, Dr. Priam Pillai addressed the gathering and motivated them for developing Innovation and Entrepreneurial culture in the institute. The Inauguration session was followed by the sessions as per schedule.

Day & Date	Time	Details
Thursday, 21st July, 2022	9.30 am to 10.30 am	Registration & Breakfast
	10.30 am to 11.00 am	Inaugural Session
	11.00 am to 12.00 pm	Session by Dr. Priam Pillai, COO, MES <i>'Pre-incubation and Incubation'</i>
	12.00 pm to 1.00 pm	Session by Mr. Vishal Thakkar, Co-founder, <u>Contetra</u> Universal LLP <i>'Legal Framework for Startups in India'</i>
	1.00 pm to 2.00 pm	Lunch
	2.00 pm to 4.30 pm	Visit to Pre Incubation & Incubation facilities
	4.30 pm to 5.00 pm	Tea
Friday, 22nd July, 2022	9.30 am to 10.30 am	Session by Mr. Nishant Ravle, Founder & Director of Ravle Consultancy Service Pvt Ltd & TechNeeti LLP <i>'Fintech Startup & Startup Financing'</i>
	10.30 am to 11.00 am	Breakfast
	11.00 am to 12.00 pm	Session by Mr. Saurabh Sinha, Founder & Managing Partner, Reinlabs <i>'How to convert campus that creates successful Innovation & Entrepreneurship'</i>
	12.00 pm to 1.00 pm	Session by Dr. Arun Pillai, Academician & Entrepreneur <i>'Can anyone become an Entrepreneur?'</i>
	1.00 pm to 2.00 pm	Lunch
	2.00 pm to 4.00 pm	Interactive Session by Dr. Celina Joy & Dr. Betty Sibil Members of International Women's Federation of Commerce & Industry (IWFCI) - India National Chapter <i>'Building an Entrepreneurial Culture'</i>
	4.00 pm to 4.30 pm	Valedictory Session
	4.30 pm to 5.00 pm	Tea

Venue: 6th Floor Mini Auditorium, Dr. K.M. Vasudevan Pillai Campus, New Panvel.

IIC Regional Meet, Pune

The regional meet of the Institution’s Innovation Council (IIC) was held on August 1, 2022, at Symbiosis International (Deemed University) Lavale campus in Pune in coordination with the Innovation Cell of the Ministry of Education, Government of India. Dr. Abhay Jere, Chief Innovation Officer (CIO), Ministry of Education, Government of India, graced the occasion as the Chief Guest. The mega event had more than 500 delegates, including Dr. Ajeet Singh, Regional Officer and Assistant Director of AICTE, Western Regional Office, delegates from AICTE and the Ministry of Education’s Innovation Cell, entrepreneurs, and faculty members from colleges across Western India. IIC President, Dr. Avinash Vaidya along with Dr. Arun Pillai, Dr. Divya Padmanabhan and Dr. Richa Agrawal participated in the meet. Institute’s Innovation Council of Pillai College was one out of three (amongst 250+ participating Institutions) invited to present its IIC Journey at the IIC Regional Meet. It also bagged the Best Poster Award. The meet proved to be a grand confluence of ideas, innovations and insights.



Dr. Avinash Vaidya presenting IIC PCE journey at the Meet PCE



Representatives receiving Best Creative Poster Award

Aavishkar Workshop

A One Day Workshop for the 17th Inter-Collegiate/Institute/Department Aavishkar Research Convention (Academic Year: 2022-23) was organized by Pillai College of Engineering, New Panvel and University of Mumbai, Department of Student's Development in association with Institution's Innovation Council on Wednesday, 24th August, 2022. This workshop was organized for faculty and students of all the affiliated/Autonomous Engineering Colleges of all the Districts under University of Mumbai. The Schedule of the workshop is as below.



The poster for the Aavishkar Research Convention features the PCE logo at the top left. The text reads: "University of Mumbai Department of Students' Development and Mahatma Education Society's Pillai College of Engineering (Autonomous College Affiliated to University of Mumbai (NAAC A+ Accredited, NBA Accredited, Highest Rated IC, ARISA Band Performer) in Association with Institution's Innovation Council, PCE)". It states "ORGANISES Workshop on Aavishkar Research Convention" on "24TH AUGUST, 2022" for "ZONE VIII ALL ENGINEERING COLLEGES OF ALL DISTRICTS". The venue is the "7TH FLOOR AUDITORIUM Pillai College of Engineering, Dr. K. M. Vasudevan Pillai Campus, Plot No. 10, Sector 16, New Panvel, Navi Mumbai - 410 206, Maharashtra, India". The website "www.pce.ac.in" is at the bottom.



Time	Details	
08:30 to 09:30 a.m.	Registration and Breakfast	
09:30 to 10:00 a.m.	Inauguration Dr. Arun Pillai HoD ASMH, Pillai College of Engineering Dr. P. S. Goyal Dean R&D, Pillai College of Engineering Dr. Dilip Motwani District Co-coordinator (Zone VIII), Vidyalankar Institute of Technology Dr. (Mrs.) Minakshi Gurav OSD, Aavishkar Research Convention, University of Mumbai Dr. Suresh K. Ukarande Associate Dean, Faculty of Science and Technology, UoM & Principal, K J. Somaiya Institute of Engineering & Information Technology	
10:00 to 11:00 a.m.	Session I	Dr. (Mrs.) Minakshi Gurav OSD, Aavishkar Research Convention, University of Mumbai
11:00 to 12:30 noon	Session II	Prof. Sunita Shailajan Former Head and Professor, Department of Botany, Ramnarain Ruia Autonomous College, Matunga, Mumbai Dr. Sasikumar Menon Director, Institute for Advanced Training and Research in Interdisciplinary Sciences, Sion, Mumbai
12:30 to 01:00 p.m.	Session III	Q&A Session
01:00 to 02:00 p.m. - Lunch		
02:00 to 03:00 p.m.	Session IV	Dr. Sushil Thale Professor & Dean(R&D), Fr. C. Rodrigues Institute of Technology & Co-Founder & Director, Navavidha Techsolutions Pvt Ltd.
03:00 to 04:00 p.m.	Session V	Experience Sharing by Winners at State Level Avishkar Research Convention Dr. Suman Wadkar Prof. Sagar Kulkarni Prof. Ruchira Patole
04:00 to 05:00 p.m. - Feedback Session		

Venue: 7th Floor Auditorium, Dr. K. M. Vasudevan Pillai Campus, Sector 16, New Panvel – 410 206

Interactive Session on MVP with Successful Entrepreneurs

An Interactive Session on Minimum Viable Product (MVP) with Successful Entrepreneurs on September 12, 2022 from 11.00 am onwards. The speaker for the session was Dr. Y S Rao, Director of Go-green Technologies Pvt. Ltd. He is also Vice Principal at SPIT. He visited the campus for signing MoU for product development and collaboration. His informative talk on MVP was very much appreciated by the attendees.



Seminar on Shaping Career Opportunities through Innovations



IIC-PCE organised a Seminar on Shaping Career Opportunities Through Innovations in collaboration with Creative Ideas & Innovation in Action to provide an excellent opportunity to the participants on Tuesday, September 27, 2022 from 3.00 pm onwards. The Speakers for the Seminar were Dr. A P Jayaraman, Nuclear Scientist, Chairman, National Centre for Science and Communications and Mr.

Baldevkrishan Sharma, Rashtrapati Awardee for Inventions and Innovation, Founder and Chairman of B. S. Marshalls Foundations.

Maker's Day

Maker's Day was organized on 3rd December 2022. The idea behind this event is to make all students aware about facilities available in PCE campus and inspire them to make use of available resources to find solutions to the problem statements of their projects. Maker's Day helps the students to familiarize themselves with all the departmental facilities existing in the college. Maker's Day gives students an idea of which lab has which equipment or experimental setup, so that students can use them in their project work.



Mahatma Education Society's Pillai College of Engineering (Autonomous) (NAAC A+ Accredited)

MAKERS DAY 2022
3rd Dec 2022 Time : 09 am - 01 pm

Innovation and Research Center (P002)
Drone Consultancy
Hardware Tools
Research Projects

CAD FEA Lab (J201)
AutoCAD / Solidworks
ANSYS
MATLAB

Metrology and Quality Control Lab (J202)
Inspection and Quality Instruments

Makers Studio/CNC Lab (R002)
Component Library
3D Printing (FDM / SLA)
Laser Cutting
CNC Machine

Automotive Lab (Workshop Shed)

Strength of Material Lab (R003)
Uniaxial testing
Impact Testing
Hardness Testing

Material Technology Lab (J101)
Material Testing Facility

PC Assembly & Debugging (J101)
Assembly and disassembly of PC

Microprocessor and Microcontroller Lab (T401)
Atmel 89V51RD2
PIC Microcontrollers
Interfacing Devices - DC, Stepper Motors
ADC/DAC, LCD, Keypad etc.

Communication Lab (T403)
Analog Mod/DeMod Kits
Digital Mod/DeMod Kits
Digital Signal Processing Kits
Various Antennas



<p>Mahatma Education Society's Pillai College of Engineering (Autonomous) (NAAC A+ Accredited)</p> <p>MAKERS DAY 2022</p> <p>CISCO Networking Training Center (S101) Java 7 Geany Build Essential Cisco Packet Tracer Python WIRESHARK NAM Kali Linux</p> <p>Database Lab (S107/S108) JTubo C++ WPC Sy-Labs pos GreSQL</p> <p>Big Data and IoT (R101) Data Mining and Big Data tools link Weka, Hadoop, NoSQL Database & MapReduce Node Mcu, Arduino, Raspberry Pi</p> <p>Digital Forensic Lab (S207) Turbo + JAVA pos greSQL kali linux</p>	<p>Industry 4.0 Lab (P409) Robot Training Kit Robotics and Automation 5G Communication</p> <p>Artificial Intelligence and Machine Learning Lab (S104) High end Workstations</p> <p>SPARK Racing Team (SRT) (Workshop Shed)</p> <p>Gumkhana (Workshop Shed)</p> <p>Hyperion Racing Team (HRT) (Workshop Shed)</p> <p>Vanguard Racing Team (VRT) (Workshop Shed)</p>
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Makerthon



MAKERTHON 2022 was organized by Pillai College of Engineering on the 9th of December. The event witnessed participation from over 100 schools and colleges. The inaugural function was presided over by Dr. Sandeep Joshi (Principal PCE) and Dr. Arun Pillai (Event Coordinator). The importance of “learning outside the classroom”, “team work” and “time frame” was emphasized by the organizers. Dr. Arun Pillai explained the general rules of the competition. Dr. Manju Pillai and Dr. Divya Padmanabhan defined the problem statements for school and junior college sections respectively.

A four-member student team was accompanied by their school teacher who supported the students and guided them for a best solution. In accordance with MAKERTHON's theme of 'Nutritious India' and 'Man and Machine' the participating teams were given the topics of 'Build your own calorimeter' for the school category and 'Lifty Titan' for the junior college category. The school and junior college students were expected to conduct the online referencing, followed by implementation. As stated earlier in the general guidelines, the different materials available had to be arranged in a logical sequence for preparing a calorimeter capable of reducing the heat loss as well as provide oxygen flow for burning the given food item for determining its calorific value. The students had to arrange the names of the given food materials in the increasing order of their calorific values. Likewise, the teams from the junior colleges were expected to prepare a mechanical motor operated and switch controlled cardboard crane. The students were expected to demonstrate the ability of the automated crane to lift and displace a 150 gm weight. The teams worked on various permutations and combinations of the chosen component options for finding the optimum solution. It was good to see the enthusiasm amongst all participants.

Workshop on Entrepreneurship Skill, Attitude and Behaviour Development



The speaker for the session was Mr. Atul Zanzurne, Co-founder and CTO at TUSK. Before taking a product to market, it is critical to ensure value for potential customers, as well as that there is demand and that your final products are of the highest possible quality. Any new or existing product to be developed successfully should have a plan in place. The speaker demonstrated these concepts very well during the workshop. The participants learnt how to deal with the major challenges, as well as the processes, tools, and techniques involved in the design and development of new products that have the potential to be successful in an ever-changing marketplace.

Fresh Biz 2023

PCE took an initiative to significantly contribute to the society through our flagship event Soch Alegria on 31st January, 2023. This year being the tenth anniversary of Alegria some incredible events were planned for the same. The event for Soch Alegria was named Fresh Biz and an Art Exhibition where the Students, faculty and alumni of the college got an opportunity to exhibit their innovative startups and creative artworks to the crowd and take part in the auction. Alegria's enormous footfall proved to be a fantastic opportunity for startups to spread the word about their unique businesses. Brilliant and eye-catching business ideas founded by our faculties, students and alumni got a platform here. Beautiful artworks with compelling messages were treated for the eyes as well as the mind. Being a career-driven Institute, Pillai college has decided to keep the setups completely free of cost. This initiative created a platform for new businesses to promote their products and showcase their brilliant ideas. The student entrepreneurs were greatly benefitted from this initiative as they could showcase their innovative products and earn money. There were more than 200 participants for the event.



Innovation Fest: Workshop on IPR, Motivational Workshop and Decoding Finance Jargons - Simplified

IIC PCE with team Alegria organized an Innovation fest which consisted of 3 seminars by experts in different domains and an idea competition “Shark Tank”. An elimination round was conducted before the final round from the entries received on 4th February, 2023.

Workshop on Intellectual Property Rights (IPR) was conducted by Dr. BK Sarkar, a renowned patent expert with over 1000 patents to his name. The workshop aimed to provide participants with an in-depth understanding of IPR and how to document their ideas for patent protection.

A motivational workshop on Ultimate Questions and Frameworks was organized for aspiring young student entrepreneurs. The workshop was conducted by Mr. Nivedan Rathi, an IIT Bombay alumni and Ex Meesho Head of Marketing. The objective of the workshop was to provide participants with insights into the right questions and frameworks for entrepreneurship.



Workshop on Financial Management was conducted by Mr. Paresh Desai, a Chartered Accountant with over 25 years of experience in the field. The workshop aimed to provide participants with an in-depth understanding of financial management and how to manage their finances while starting a business, as well as their personal finances.



National Science Day



Nuclear Science and related technologies have a profound influence on society. They have improved the quality of life for mankind. To mark its importance, IIC PCE organised a session by an expert in the field, Dr. Swaminathan Kailas, on the occasion of National Science Day, on 1st march 2023 at 3.00 pm.

Workshop on Prototype/Process Design and Development

The workshop was conducted in a well-equipped computer lab, with experienced trainers guiding the participants throughout the session. The content of the workshop was designed to cover both theoretical concepts and practical exercises using Fusion 360. The workshop began with an overview of Fusion 360, its features, and its applications in various engineering disciplines. Participants were taught how to create sketches and transform them into 3D models using Fusion 360's intuitive interface. They learned about different tools and techniques for creating complex geometries. The workshop focused on teaching participants how to create assemblies and apply constraints to simulate real-world mechanisms. They were guided through the process of creating interrelated components and constraining their movements.



Business Plan Competition

PCE-IIC in collaboration with Pillai Centre of Innovation and Entrepreneurship conducted the finals of the Business plan Competition 2022-23 on 12th April, 2023 in an exhibition format at Dr. K. M. Vasudevan Pillai Campus, Panvel. The event was supported by the Institution Innovation Council of Pillai Group of Institutions and IWFCI India National Chapter.

The Business Plan Competition for the year 2022-23 was announced in the month of July 2022 and gives a platform for students to nurture their ideas into a full fledged business. Mentorship, guidance is provided at every stage by one on one counselling, organising workshops on financial statements, making business plans & legal frameworks etc.

This year, 82 teams registered for the competition and 8 teams competed in the final round. The jury members consisted of Mr. Faisal Hawa, Private equity Investor, Dr. Haseena Sayed – Ex- Assoc. Prof & HOD- Commerce at Jai Hind College, and Mr. Jack Jay, CEO Persist Ventures.



BUSINESS PLAN COMPETITION 2022-23

- An opportunity to convert your unique idea into a business!
- A chance to launch your own startup!
- The Pillai Centre of Innovation and Entrepreneurship is back with its flagship Business Plan Competition with a prize money of Rs. One Lakh.
- Register for the competition on the link given in the poster.
- This competition is only for students studying in Institutions under Mahatma Education Society's Pillai Group of Institutions.

CONTACT DETAILS

Prof. Lata Moha
PCE (9800524033)
Prof. Jeeva Pujari
PCE (98923 03225)
Prof. Shabana Shaikh
PCE (97192024100)
Prof. Saagar Lubot
PCE (98929 46132)
Prof. Calvin Jay
PCE (9833709366)

REGISTRATION

Register for free here : bit.ly/PillaiBusinessPlan

For detailed rules & information visit : pcie.mes.ac.in

Last date for registration - 25th August 2022

1 LAKH PRIZE

Contact Details

Prof. Richa Agrawal
PCE (9619208203)
Prof. Harsha Ghadge
PCE (9664736770)

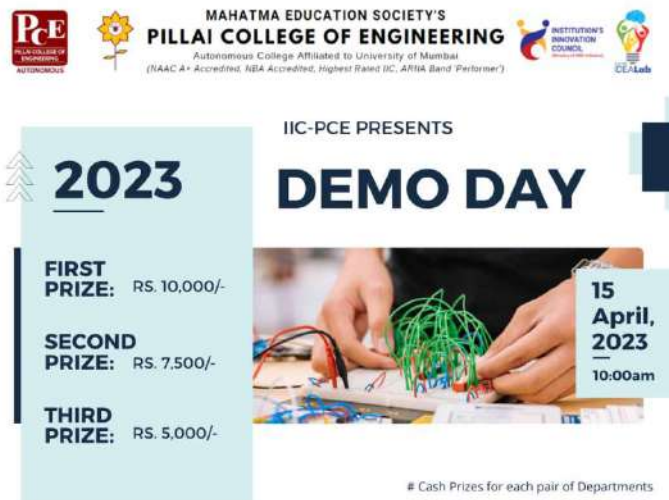
Last Date to Register: 15th July 2023

- Students studying in institutions under Mahatma Education Society can participate in this competition.
- Register your team (2 to 5 members per team).
- The team may include an alumni of the college (provided the alumni has completed studies not earlier than 31st March 2021).
- A student can be member of maximum two teams.

Register & Submit Your Ideas Here: bit.ly/PillaiBusinessPlan23 | pcie.mes.ac.in



Demo Day



MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING
Autonomous College Affiliated to University of Mumbai
 (NAAC A+ Accredited, NBA Accredited, Highest Rated IIC, ARIIA Band Performer)

IIC-PCE PRESENTS
2023 DEMO DAY

15 April, 2023
 10:00am

FIRST PRIZE: RS. 10,000/-
SECOND PRIZE: RS. 7,500/-
THIRD PRIZE: RS. 5,000/-

Cash Prizes for each pair of Departments

The aim behind the competition was to motivate the students to make quality projects and also to extend financial support to deserving project ideas. This also helped to develop skill, review new dimensions of explored areas and gain knowledge of the unexplored areas of enquiry through the inputs received by experts. The competition was organized for project groups for a pair of departments. The

shortlisting session was conducted by individual departments before 8th April and each department was required to shortlist a maximum 6 teams from a pair of departments. Maximum 12 project groups were shortlisted from each pair of departments by the department heads and respective project coordinators.



Internships

Department of Electronics and Telecommunication Engineering and Electronics & Computer Science

Economic and business environments are changing at a rapid pace due to globalization. Businesses and employers alike are in need of those who are qualified to work in these environments, possess relevant skills, and have proven capabilities to succeed in them.

Department	No. of Students undergone Internship
Electronics and Telecommunication Engineering	62
Electronics and Computer Science	21
Automobile Engineering	44
Mechanical Engineering	74
Computer Engineering	138
Information Technology	101

An internship is one such door to opportunities, which offers a valuable insight into industry. Among the many advantages that internships offer, they also promote skill development, enhance professional networking, thereby, resulting in successful outcomes after graduation. With every year passing by, Pillai College of Engineering has witnessed a significant increase in the number of students undergoing training at various companies/ organizations/industries. The placement cell of PCE provides all the necessary help to provide internship support to interested students.

National Programme on Technology Enhanced Learning (NPTEL)

The Student Support System aims to understand how community colleges can feasibly deliver support both inside and outside the classroom to improve success for all students. SWAYAM is a programme initiated by the Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. NPTEL (National Programme on Technology Enhanced Learning) for Engineering was initiated by seven Indian

Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003, and 235 courses in web/video format were developed in this phase. It is now possible for ANYONE outside the IIT System to be able to do an online certification course from NPTEL and get a certificate from the IITs. IITs are reaching out and taking education to the homes of people through this initiative. Highlights of this initiative are:

- Registration is for all engineering students
- Duration of Courses is from 4 to 12 weeks
- Anyone can appear from engineering students
- Registration Is Free Of cost
- Certification Fees from Rs.500 to 1000
- Benefit Of This course is, students can do this from home.
- Additional knowledge can acquire at freetime.

Spoken Tutorials

Spoken Tutorial is an initiative of National Mission on Education through ICT, MHRD, Govt. of India to promote IT literacy through Free Open Source Software (FOSS). Dr. Arun S Pillai, Head, Department of Applied Science, Mathematics and Humanities and Dr. Richa S. Agarwal, Associate Professor, Department of Mechanical Engineering are the coordinators from Pillai College of Engineering for the Spoken Tutorials. All the students enrolling for the training of the FOSS through Spoken Tutorials receive a certification of participation from Spoken Tutorial IIT Bombay and a certificate of Completion after qualifying the exam for the same. The details of the Courses conducted are mentioned below:

SN	Name of the FOSS	Coordinator	Date	Participants		
				MES Student	Outside Student	Total
1	QCAD 2	Binsu Babu, & Ameya Nijasure	Oct-Nov	19	1	20
2	Python 2	Shivapradeep Muthupandi	Bridge Course	16	-	16
3	Python	Dhiraj Amin & Sweta Waghmare	Without Training	36	-	36
4	HTML	Sweta Waghmare		9	-	9
5	PHP & MySQL	Dhiraj Amin		99	-	99
6	JAVA	Sweta Waghmare		118	-	118
7	ARDUINO	Sweta Waghmare		40	-	40
8	R Programming	Dhiraj Amin & Sweta Waghmare		2		2
Total						340

Smart India Hackathon

Smart India Hackathon 2023 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.

Internal KAVACH Hackathon 2023

MoE's Innovation Cell, AICTE along with Bureau of Police Research and Development (BPR&D) (MHA) and Indian Cyber Crime Coordination Centre (I4C) (MHA) have launched 'KAVACH-2023' a unique national Hackathon to identify innovative concepts and technology solutions for



addressing the security challenges of the 21st century faced by our intelligence agencies. KAVACH-2023 conceived to challenge India's innovative minds to conceptualize ideas and frameworks in the domain of cyber security using artificial intelligence, deep learning, machine learning, automation, big data and cloud computing.



Jury members

Before participating at the national level, it is mandatory to conduct an internal college level hackathon. Internal KAVACH Hackathon has organized on 21st April 2023 to fulfill this requirement.



Past winners mentoring participating students

Information about this event was announced in all the classes. Total 6 teams registered for the event. Smart India Hackathon 2022 winners from our college were called for mentoring the participating students. The team members were Hitesh Meta, Shreya Mohan Belanekar and Kunal Kishor Wagh.

Deep Blue Season 8



The Mastek initiative - Project Deep Blue, is an intercollegiate competition, encouraging engineering students to solve social problems using coding skills to come up with meaningful technical solutions over the course of three months. As the name signifies, the competition promotes “Deep Thinking”, “Innovation” and awareness about the “Social Issues” in these young minds. It provides an early start, mentorship and industry exposure to the Entrepreneurs and Technology Leaders of tomorrow.

The Deep Blue Season 8 competition was decided to be conducted offline. The Last date for the registration was 30th October 2022. A total of 28 teams (117 Students) from PCE registered for the competition. The launch event for the 8th season of the Deep Blue competition was 21st December, 11 AM. – 12 PM. IST on the Teams platform. In the 8th season 14 Teams from Pillai College of Engineering were selected for the Competition. Out of the 14 teams, 11 teams made it to the Semi-finals, which was held, from 8th April 2023 at Mastek office at Mahape.

Details of Teams Participation	
Total Students Participated:	671
Total Teams Participated:	65
Total Colleges Participated:	16
Total Teams Selected from PCE:	45
Teams Selected from PCE:	14
Team Selected for semifinal from PCE	11
Team Selected for final from PCE	01

Problem Statements for Deep Blue Season 8 were the following:

1. Voiced based Authentication - VBA
2. Summarizing Teams Meetings – STM
3. Embedded Insurances for Phone and cars-EIP
4. Maintenance and cleanliness of water tank-MWT
5. IOT based Smart Bottles for Health Sector-SMH

Hyperion

The Team of Hyperion Racing for the year 2022-2023 consisted of students from varying level of academia, from Second Year engineering to Final year engineering students. Thus, providing an equal opportunity for all levels of education and experience to comprise in the efficient designing and manufacturing of the car. Aryan Jadhav, final year engineering student along with Vice-Captain Shubham Badgular and Vice-Captain Shubham Biradar, led the team. The Team Was efficiently handled by the respective Sub-System leads that were assigned accordingly to their academic and experience level. The team was proficiently guided by Our Technical Advisor Dr. Anil Unnikrishnan Pillai and our Faculty Advisor Prof. Amey Marathe. Along with the help of our respected Principal Dr. Sandeep Joshi, Automobile Branch, H.O.D Divya Padmanabhan, Mechanical Branch, H.O.D Dhanraj Tambuskar and the rest of the faculty at Pillai's College of Engineering. We were able to access the immense amount of knowledge and facilities that our faculty and institution boasts.

The team performed outstandingly at Formula Student Bharat 2023, Ranking at an absolute number of 16th nationally, and also coming forth 21st in the Design Engineering event and securing 14th rank in Business Plan Event and 9th in cost and manufacturing event to bring home a good result to motivate us to work even better moving forward.

HRT 06, the Upgraded sixth generation car of our team, is design as a lap time car. HRT 06 is the most compact design and manufactured 06 includes a Push rod anti roll bar suspension systems which benefit from rise spring rates, yet only a few cars have ever hit the road with Le Mans or F1 style anti-roll systems. The car houses various special design cues compact chassis, clean and efficient electronics harness housing, custom electronic harness.

The design cues such as the air intake, diffuser are all carefully crafted to ensure maximum efficiency. The push rod anti-roll bar suspension system is sophisticated design that helps to reduce body roll during cornering, which in turn improves the car's handling and stability. The clean and efficient electronics harness housing and custom electronic harness routing are essential for reducing the weight of the car while ensuring that the electronics are protected and function correctly.



The team's efforts have resulted in a car that is not only technologically advanced but also showcases some of the most elegant and straightforward designs in the field of formula student vehicles.

In conclusion, the HRT06 car is poised to attack the competition and set new benchmarks in the field of formula student vehicles.

Achievements in Formula Student Bharat 2022-23

- Overall National Ranking: 16
- Business Plan Presentation Ranking: 14
- Design Engineering Event Ranking: 22
- Cost & Manufacturing Ranking: 9

Spark



Spark Racing Team is the official Formula Student electric car team of Pillai college of Engineering, New Panvel. The Spark Racing Team competes in various competitions all around the world. Spark Racing Team participated in Formula Imperial 2022, which happened in July 2022 at Buddh International circuit, Noida. The team ranked 3rd rank in the competition. Spark racing team of the year 2022-23 consists of 40 members including the Captain and the Vice Captain. They participated in Formula Bharat 2023 (Static Event- Online Mode) and secured overall rank of 16.



VANGUARD



The Vanguard Racing Team is a remarkable chapter of Pillai College of Engineering. This team comprises of second year, third year, and final year undergraduate students from different engineering-streams. These students are passionate and interested to develop, grow and intend to build their knowledge and psychomotor skills. Vanguard Racing Team designs, builds, and manufacture an All-Terrain Vehicle (ATV) which used to participate in multiple events like Baja SAE, Mega-ATV and Enduro Student India and so on.

Team mainly focuses on the Baja SAE, which is an International Event and run by the Society of Automotive Engineers. The work on VRT 05 has been initiated in the month of January 2022 for the SAE Baja 2023. Team VRT 05 with its 25 members has been manage to qualify the preliminary round of SAE Baja 2022. The team received 70th AIR among the 210 teams in the preliminary round of SAE. The team is working on improving their performance as they aim to do better in the upcoming future competitions.

Vanguard team participated in SAEINDIA BAJA 2023, which is a national level competition event. It was a 5-day event that took place from 15 February 2023 to 20 February 2023 in NATRAX, Pithampur, Madhya Pradesh.



Event Results

- ❖ Static Round Rank: AIR 80 out of 189 teams.
- ❖ Overall Rank: AIR 92 out of 105 teams.
- ❖ 27th in Maharashtra out of 50 teams.

SWE

Type	No. of students
STEM Outreach activity 1	12
STEM Outreach activity 2	10
STEM Outreach activity 3	10
STEM Outreach activity 4	40

SWE-PCE Affiliate division has celebrated Women's Day by organizing STEM Outreach activities for underprivileged middle and high school girls. The event aimed to teach the importance of science and mathematics through creative experiments and projects in a fun, hands-on way. The event successfully motivated the girls to explore STEM fields and pursue a career in it.



Venue: Balikashram, Vatsalya Trust, Navi Mumbai

SWE-PCE Affiliate division has organized a STEM Outreach event for middle school girls, where they taught the importance of engineering, science, and mathematics. The event included small experiments like interfacing LEDs on a breadboard using a solar panel and interfacing simple DC motors and gear motors with a battery. The girls had a fun, hands-on experience that gave them an opportunity to explore STEM subjects and consider pursuing careers in these fields. The event was a great success and provided valuable learning experiences to the participants.



Dnyanjyoti Savitribai Phule School, Podi, Panvel

SWE-PCE Affiliate division organized a STEM Outreach event for middle school students to learn about the importance of engineering. The event was a hands-on experience that introduced students

to engineering concepts through small experiments using Micro Bit. Students had the opportunity to explore different projects, such as playing music and displaying patterns, which sparked their interest in the subject. The event was a success, and the students left with a greater understanding of the possibilities in engineering and related fields.



Dnyanjyoti Savitribai Phule School, Podi, Panvel

SWE-PCE Affiliate division organized a STEM Outreach event for underprivileged middle school students to learn about the importance of engineering. The event was a hands-on experience that introduced students to engineering concepts through small experiments using Micro Bit. Students had the opportunity to explore different projects, such as controlling



actuators using accelerometer sensors, interfacing display devices with Micro bit and displaying patterns by programming the microcontroller, which sparked their interest in the subject. The event was a success, and the students left with a greater understanding of the possibilities in engineering and related fields.



TAPAS-PCE, a meditation and wellness club formed on 16th October 2019. Tapas PCE, in collaboration with Heartfulness, launched with the aim to spread the benefits of meditation to stressed-out students. This is a wellness and meditation club, which emphasizes the well-being of student’s mental health. Here we organize various meditation sessions, yoga sessions, other rejuvenating events, trips and much more, which are listed in subsequent table.

A 3-day International Youth Conference on “Rising with Kindness” at Kanha Shanti Vanam in Hyderabad, in collaboration with HEARTFULNESS

The journey to Kanha Shanti Vanam began on 12 August 2022. Students have attended inaugural ceremony at the main meditation hall. In this ceremony different well-known personalities like the IT minister of Telangana -KTR sir, Khatija Rahman, PV Sindhu (joined through virtual mode), and many international speakers joined us at the inaugural ceremony at Kanha Shanti Vanam. Following are the photographs of some of the events during these three days.

Events organised by TAPAS-PCE

SN	Event	Duration / Date	Participants Count
1	Trip to Kanha Shantivanam	12th, 13th and 14th August 2022	74
2	Dhyanratri	26th September to 4th October 2022 (1hr daily)	55
3	Dhyanotsav 2022 (Second Year)	27th, 28th and 31st October 2022 (1hr daily)	34
4	Dhyanotsav 2022(First Year)	27th, 28th and 29th December 2022 (1hr daily)	387

5	Meditation Session at College	5th February 2023 (2 hours)	8
6	Stree Jyoti Puraskar (Co-Organised)	29th March 2023	14
7	21 Days Meditation Challenge	11th March to 31st March 2023(1hr daily)	70
8	Wellness Fest Yog Mahotsav- CIDCO Exhibition Center (Co- Organised)	29th April to 1st May 2023	5
9	Wellness Fest Yog Utsav-SRCM Panvel (Co-Organised)	13th May to 14th May 2023	9
10	Yoga for Humanity	21 June 2023	35

Heartfulness Yoga Event





Meditation with Daaji & Inaugural Ceremony



Dhyanratri - A 9-day meditation drive during Navratri

A 9-Day Meditation drive during Navratri's 9 days, from 26 September 2022 to 04 October 2022 with a motive for each day to make an effort to establish peace of mind and a habit of meditation during the holy days of Navratri. It was a new event introduced by TAPAS-PCE in the year 2022 and as the name suggests Dhyanratri comprises two words Dhyan and Ratri mean Meditation Nights- Meditation for 9 Nights of Navratri.

More Than 50 people registered for the event.



Dhyanyotsav 2022 (for Second Year and First year students)

Following a wonderful Diwali break, TAPAS-PCE scheduled an event entitled "Dhyanyotsav 2022" for Second year PCE students. This 3-day program was the first important step where meditation offered without charge. As in today's generation depression and anxiety has become a major issue among college and school students. People who are depressed may believe that they may never feel good or happy again.





Meditation Session at College

TAPAS-PCE along with Heartfulness Institute and SRCM Panvel ashram, organized a Sunday Group Meditation session. More than 150 abhyasis participated in the abhyasis satsang that held on 5 February 2023 at Pillai College Auditorium. This meditation session aimed to give you a sense of calm, peace and balance that can benefit both your emotional well-being and your overall health. You can also use it to relax and cope with stress by refocusing your attention on something calming. Meditation can help you learn to stay centred and keep inner peace.

Stree Jyoti Puraskar (Date: 29 March, 2023)

iLeaf Grand Banquets, a chain of premium banqueting venues in Navi Mumbai, collaborated with the well-known wellness institute 'Heartfulness' and TAPAS PCE to organize an event celebrating International Women's Day. The event was co-organized by the TAPAS-PCE student committee to encourage and appreciate the remarkable efforts of women in the workforce. Intending to recognize the commendable efforts of frontline female workers and sanitation staff, iLeaf Banquets and Heartfulness created the "Stree Jyoti Puraskar" award ceremony in collaboration with the Navi Mumbai Municipal Corporation (NMMC). The ceremony was hosted in the luxurious Grand Banquets of iLeaf in Navi Mumbai, where the brave and dedicated female workers of NMMC received their awards.



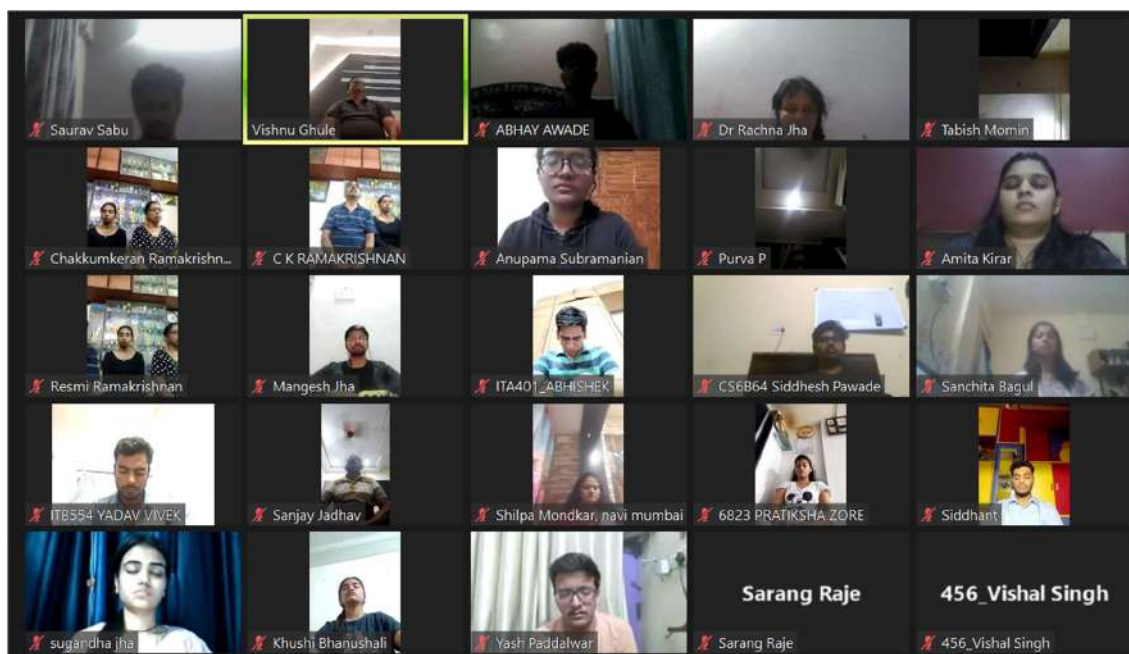
21-DAYS MEDITATION (11 March 2023 -31 March 2023)

TAPAS-PCE, conducted a 21-day meditation challenge from March 11th to March 31st. The event had a specific focus on helping individuals build a habit of meditation by following a structured routine over 21 days.

The 21 Days Meditation event is for exploring various meditation techniques and practices to help you relax, focus, and cultivate inner peace. Whether you're new to meditation or have an established practice, this event is designed to support you in developing a regular meditation routine and experiencing the benefits of meditation in your daily life.

Five Steps to get started with meditation:

1. Dedicate twenty minutes of each day to your 'heart time' and create a calm space for yourself to meditate in. If possible, try to always meditate at the same time and in the same place to build consistency and make it easier for you to come back to it each day. This will ensure that you can reap the maximum benefits of your practice.
2. Get into a comfortable position by sitting with your hands and legs drawn in close. Focus your attention on feeling peaceful and relaxed, letting your arms rest wherever is most comfortable for you. Allow yourself to breathe deeply and slowly, closing your eyes if it helps you to find a greater sense of inner peace. You can imagine yourself in a peaceful setting or any other soothing place that brings you joy and comfort.
3. Take a moment to tune into your heart. Gently close your eyes and imagine that the Source of Light that is already present is illuminating and expanding to capture your attention. As you focus on the subtle idea of lightness in your heart, you will begin to feel a vibration and energy descending into you.
4. As you take a few moments for yourself, your attention naturally starts to wander. However, with practice, you can learn to bring it back to the focus of light in the heart without getting troubled by any arising thoughts. Eventually, these thoughts will simply fall away and no longer occupy your mind.
5. After you have completed your meditation session, it is advisable to take a few moments to really reflect on the practice you just undertook. As the day progresses and different tasks arise, you will find yourself naturally connecting more to your inner heart space and being more mindful of the present moment.



Wellness Fest Yog Mahotsav-CIDCO Exhibition Center (Co-Organised) (29 April to 1 May 2023)

Shri Ram Chandra Mission’s Heartfulness Institute’s Wellness Fest Yog Mahotsav was back with a bang. The event was scheduled to be held from 29th April, 2023 to 1st May, 2023 at the CIDCO Exhibition & Convention Centre in Vashi, Navi Mumbai. The event was being organized by Shri Ramchandra Mission’s Heartfulness Institute in association with the Ministry of Culture, Government of India called as “Har Dil Dhyam Har Din Dhyam” as a part of the Initiative of Azadi ka Amrit Mahotsav under the Ministry of Cultural affairs’, where the Ministry Government of India, has urged the citizens and the Private as well as government organizations to take active participation in Yog Mahotsav. This initiative was very special and close to Honorable Prime Minister Shri Narendra Modi ji, who wants the whole world to follow the Indian yogic practice for the well-being of humanity. The program is being curated and guided by the Spiritual Guide of Shri Ramchandra Mission, the founder of the Heartfulness Movement all over the World - Honourable Shri Kamlesh Patel Ji, who also is a proud recipient of the Prestigious Padma Bhushan Award.



Wellness Fest Yog Utsav-SRCM Panvel (13 May - 14 May 2023)

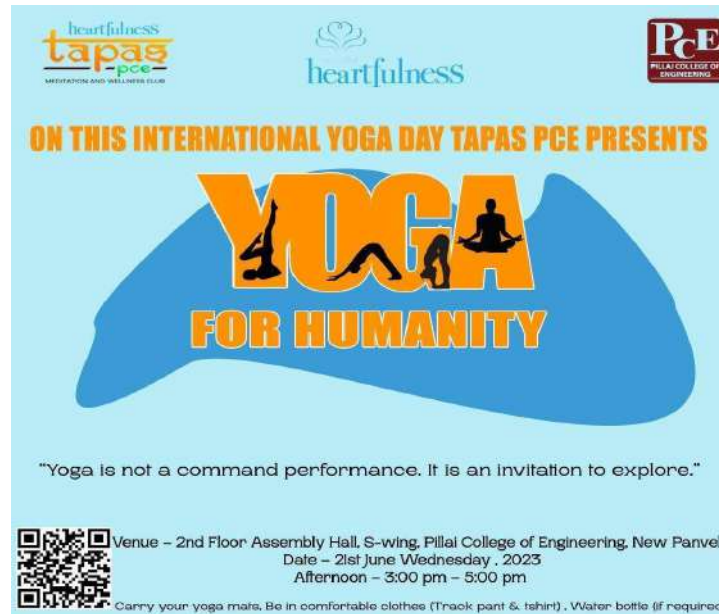
Heartfulness Institute collaborated with the Ministry of Culture under the Yog Mahotsav "Har Dil Dhyam Har Dil Dhyam" campaign as part of the Azadi ka Amrit Mahotsav. This campaign demonstrates the growing recognition and importance of yoga in contemporary society. By bringing yoga to people of all ages and backgrounds, this initiative aims to make the benefits of yoga accessible to a wider audience.

The Yog Mahotsav event held in Panvel Ashram showcased the diversity and richness of yogic practices. Participants had the opportunity to experience various asanas (physical postures), pranayama techniques (breathwork), mudras (hand gestures), and meditation practices. The event emphasized the integration of mind, body, and spirit, allowing individuals to explore the multifaceted dimensions of yoga.

The interest expressed by people from young children to senior citizens underscores the universal appeal and relevance of yoga. Its transformative potential resonates with individuals seeking to enhance their mental, physical, and spiritual well-being. By embracing yoga and meditation, participants in the Yog Mahotsav event are embarking on a journey of self-discovery, self-improvement, and self-realization, ultimately contributing to the broader cultural and spiritual heritage that originated in ancient India.



YOGA FOR HUMANITY (Date:-21st June 2023)



On the occasion of International Yoga Day, a yoga session was organized by TAPAS-PCE to promote the benefits of yoga and its positive impact on physical and mental well-being. The instructors for the session were Dr. Shridevi Kulkarni ma'am, a yoga and naturopathy instructor from Computer Engineering dept, Deepali ma'am, a yoga trainer, from the central office of Pillai college. The objective of the session was to create awareness about the importance of incorporating yoga into daily life for a healthier and balanced lifestyle.

Student Chapter Activities

AESA-MESA - JS



SN	Event Name	Date
1	Alumni Talk	5 Aug 22
2	Webinar on Preparing for Civil Services	6 Aug 22
3	Start up and Entrepreneurship seminar	22 Aug 22
4	IDEMI, Sion Industrial Visit for 2nd year Mech-Auto Engineering students	17 Feb 23
5	Design-e-mania Workshop	19 Feb 23
6	Arai, Pune Industrial Visit for BE Automobile Engineering students	2 Mar 23
7	IIT, BOMBAY Industrial Visit for 3rd year Mechanical Engineering students for MEMS –	15 Mar 23
8	IIT, BOMBAY Aerospace Industrial Visit for Core Members	21 Mar 23
9	MAHAGENCO, Uran Industrial Visit for 3rd Mechanic Engineering students	24 March 23
10	MATLAB Simulink Workshop	26 March 23
11	Space Talk on Application of Remote Sensing GIS and GNSS	24 April 23

IDEMI, Sion Industrial Visit

Industrial Visit to IDEMI, Sion was organized by AESA MESA, PCE for the students of SEMechanical & Automobile. The group of 45 Students and 2 Faculty Members visited the company. This industrial visit stated in exploring students in the most trending world for design and 3d printings. They got the knowledge about how products are manufactured in industries, they

also learned how actual machine works which will help them in their academics. We sincerely thank our guide, Prof. Salim Jafri and Prof. Jeet Patil for your guidance.



Design-E-Mania: Exploring Arduino Workshop

AESA-MESA conducted a workshop on “Design-E-Mania for all SE Mechanical and Automobile students. under the guidance of Prof. Ishmeet Singh Riar.

The workshop gave a thorough knowledge on Arduino. A hands-on session on interfacing sensors and actuators also included in the workshop. All the students were provided with a component kit consisting of arduino board and other accessories required for performing the various experiments.



Start up and Entrepreneurship Seminar

AESA-MESA has successfully conducted seminar on “Start up and Entrepreneurship seminar” for all Mech and Auto students .The event was conducted on the day of World Entrepreneurs' Day, with PCE Alumni Mr Viraj Shetty, Mr Akshay Ghorpade, Mr Balvir Sharma from Team Prevalent Automotives and Mr Vitaan Jagada, from Team Astro Motors. Prevalent Automotives is engaged in manufacturing and distributing electric bikes for its customers. Astro Motors is an emerging Electric Vehicle by energy consumption under real-world conditions



IIT Bombay, Industrial Visit for MEMS

AESA-MESA has successfully conducted industrial visit on “IIT Bombay, industrial visit for MEMS” for all TE MEMS .They were given exposure to Micro Fabrication process, machines SAXS, ICP-MS, ESEM and FIB-SEM. Also visited the Advanced machining excellence cell (AMEC)



ARAI, Pune Industrial Visit

AESA-MESA has successfully conducted industrial visit to “ARAI, Pune” for all BE Auto students. on 02/03/23. The students got an opportunity to visit multiple research labs at the facility, Automotive Systems Lab, NVH lab, EV HEV lab and Engine test module.



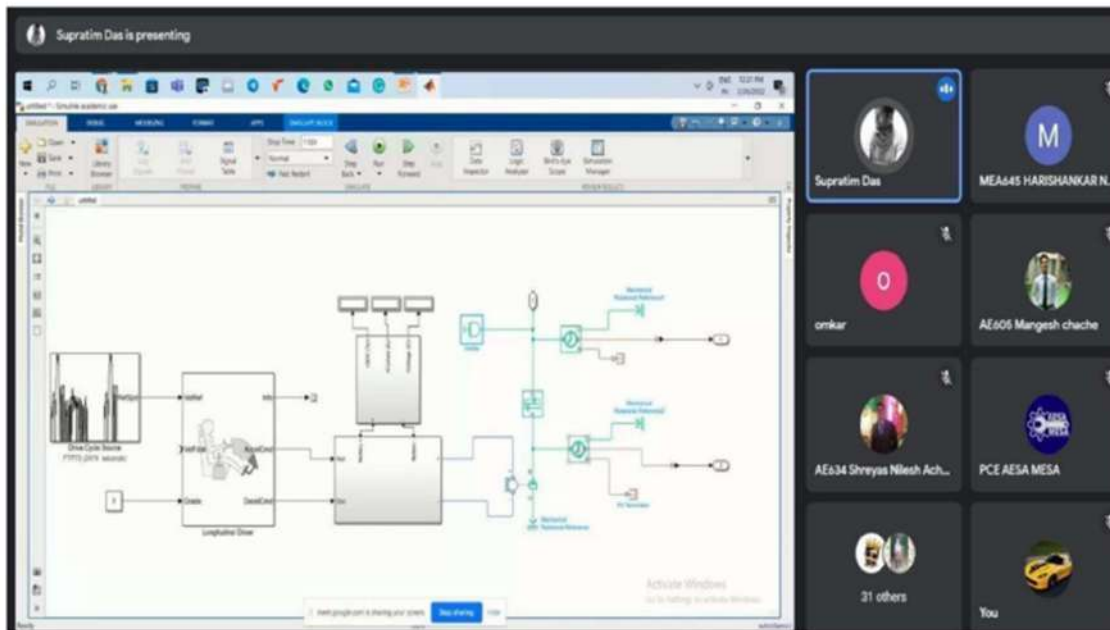
MAHAGENCO, Uran Industrial Visit

AESA-MESA has successfully conducted industrial visit on “MAHAGENCO,Uran” for all TE Mech students. 1 – 2 % of the total power generated is consumed by the plant itself and it is termed as auxiliary power. The rest of the power is supplied to central grid and then from central grid to state grid and then to different distribution centers.



MATLAB Simulink Workshop

AESA-MESA has successfully conducted workshop on “MATLAB Simulink” for all Mech and Auto students on 26/03/23. The workshop helped students to gain more insights about Electric Vehicles and its design process. It also resulted in increasing the knowledge of the participants on MATLAB which is helpful for their professional career. All the individuals are found to have deep interests in learning more about such design software.



Civil Services Preparation Seminar

AESA-MESA has successfully conducted a talk on civil services preparations for all students. The talk helped students to gain more insights about Which exams comes under Civil Services, how to prepare for Civil Services? Opportunities and Positions comes under Civil Service! Exam Pattern, Doubts and Queries solving sessions. How to Crack UPSC in Effective Manner. It also resulted in increasing the knowledge of the participants on Civil services which is helpful for their professional career.

Space Talk on Application of Remote Sensing GIS and GNSS

AESA-MESA has successfully conducted a space talk on Application of Remote Sensing GIS and GNSS for all PCE students .During the talk, the participants were exposed to Basic Principles of Remote Sensing, Earth observation Sensors and Platforms, Thermal Remote Sensing, Spectral Signatures of Different Land cover Features and Visual Image interpretation and Hyperspectral Remote Sensing technology. The talk also includes various digital Image processing techniques namely ImageRectification and Registration, Image Enhancement techniques, Image Classification Techniques and Accuracy Assessment.

The participants were appraised of the technological principles of GNSS with focus on GNSSreceivers, GNSS data processing methods, errors and accuracy, Satellites based Augmentation systems which includes GPS Aided and GEO Augmented Navigation or GAGAN. The Indian Regional Navigation Satellite System (IRNSS) or Navigation with Indian Constellation (NaVic) were discussed in detail. The GPS signal characteristics, Data formats (broadcast, precise ephemeris) DGPS demonstration, Advance GNSS processing and Mobile Mapping were discussed during the talk.

CSI



SN	Name of Activity	Date	Speaker
1	Decoding Frontend #1: JavaScript	22 nd August, 2022	Ms. Aarushe Reddy, Mr. Hitesh Meta from the Computer Department and Ms. Riddhi Mane from the Information Technology Department.
2	INSPIRE CSI-PCE x SIH: Road to finale	7 th October, 2022	Finalists of the Smart India Hackathon 2022

3	Engineering 101	10 th December, 2022	Ms. Archana Haridas, Mr. Gaurav Sawant, Mr. Hitesh Meta and Ms. Kasturi Limaye
4	Git and GitHub	15 th January, 2023	Hitesh Meta, Sahil Dabake, Aarushe Reddy from TECOMP, Varad Page, Shreya Sanap, Shivam Tripathi, Shreeyash Patil from SECOMP and Om Surve, Suyash Sawant from TEIT
5	Web Development using Python	4 th February, 2023	Hitesh Meta, Kasturi Limaye, Levin Viji, and Reshma Gopinathan from TECOMP
6	UI/UX	6 th February, 2023	Akhil Mohandas, Harish Nilare, and Rohit Palassery from IT and Computer Engineering Dept.
7	What's your superpower?	6 th February, 2023	Riddhi Mane from TEIT and Sreejit Nair TECOMP
8	Hackathon 2023	7 th to 9 th February, 2023	Not applicable.
9	Members Meet	18 th February, 2023	Ujwal Kabra from Computer Engineering and Gaurav Sawant from Electronics and Computer Science
10	Decoding Frontend #2: React.js with Firebase	11 th March, 2023 to 12 th March, 2023	Hitesh Meta from TECOMP and Mubin Ansari from the BECOMP
11	Coder Of the Semester: Season 5	23 rd March, 2023	Not applicable.
12	Decoding Frontend #3: Next.js with Prisma	25 th March, 2023	Hitesh Meta from TECOMP and Mubin Ansari from the BECOMP
13	From Code to Career	25 th March, 2023	Mr. Shrikant Shet, a Senior Developer at Full-Stack Interactive LLP and Mr. Ajinkya Mhatre, a Junior Full Stack Developer
14	CSI Project exposition	28 th March, 2023	Mr. Vinod Gupta and Mr. Shubham Varma as a Judge

15	Bytestream	28 th march 2023	Mr. Gaurav Somwanshi, the CEO of EmerTech innovations, Mr. Pranav Patel, the CEO of Chanakya Aanvikshiki, Mr. Anirudh Palaskar, the Head of Product Design, Cyber Dive, Mr. Pranay Gupta, youtuber
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Decoding Frontend #1: JavaScript



JavaScript is one of the core technologies of the World Wide Web, and is used in 98% of websites. The language is used vastly to create and develop interactive websites, apps and even browser games. The event began with an introduction by Sanjana Barhate, the Content Manager, followed by interactive sessions covering HTML, JSS, JavaScript, and DOM. The participants learned about the syntax of JavaScript and the application of various key principles through thoughtful, easy-to-understand, real-world examples. Participants had the opportunity to ask questions and engage in real-world examples. Participants built a Weather App using the concepts taught.



INSPIRE CSI-PCE x SIH: Road to finale



INSPIRE CSI X SIH Road to Finale was a salutations ceremony for the participants of the Smart India Hackathon (SIH) 2022. During the ceremony, each team interacted with students and also shared their experiences about the journey of SIH 2022.

The session was conducted in the manner of an interview about their experience of participating in SIH and sharing their insights and preparation techniques, their schedule and the details about hours of work and dedication they poured into this competition. The panelists also asked the teams questions regarding the environment of SIH, its

participation process, presentation experience, problem statement, approach to solving the problem, ideas, goals and entire journey of SIH.





Engineering 101



The event started with a brief introduction of technical domains and software development process followed by informative sessions on trending domains such as web and mobile app development, data science, AI/ML, DSA, cloud computing. The speakers discussed extracurricular activities, learning resources, tools, mini-projects, committees, and competitions. A small segment was conducted by Akhil Mohandas and Ujwal Kabra to embark upon the fun side of engineering life.

Alumni, Pramod Baviskar and Varun MK, shared their experiences. The seminar was interactive and well-received by the participants, providing valuable information for the new FE students.

Git and GitHub



This workshop covered the basics of Git, terminal commands, GitHub, repository setup, and collaboration. Participants received a Git and GitHub Lab Manual as a handy guide. Volunteers from CSI and Alegria provided technical assistance. The offline session included a revision and a hands-on approach where participants worked on a portfolio site using Git and GitHub. The workshop empowered participants with version control and collaborative development skills. A Q&A session allowed attendees to interact with the speakers.



Members Meet

The event aimed to create a sense of camaraderie among the CSI-PCE members and raise awareness about the objectives of the CSI.



It featured activities such as introductions to CSI-PCE, experiences shared by senior members, an alumni speaker, fun games including a quiz, craft round, and treasure hunt, and a theme reveal for the upcoming magazine launch event called Bytestream. The winners of these activities were given awards.

The event concluded with the distribution of merchandise and left participants feeling more connected to the CSI community and motivated to contribute to its initiatives.

Decoding Frontend #2: React.js with Firebase



React.js and Firebase are two of the crucial technologies in web development, which provide developers with powerful tools and services to build high-quality and scalable applications.

ReactJS is a JavaScript library for building user interfaces, while Firebase is a platform backend-as-a-service platform.

The workshop focused on React.js and Firebase, covering topics such as JSX syntax, components, hooks, API integration, and more. Participants engaged

in hands-on activities, revamping a Weather App and creating a group chat messenger using the concepts that were taught.

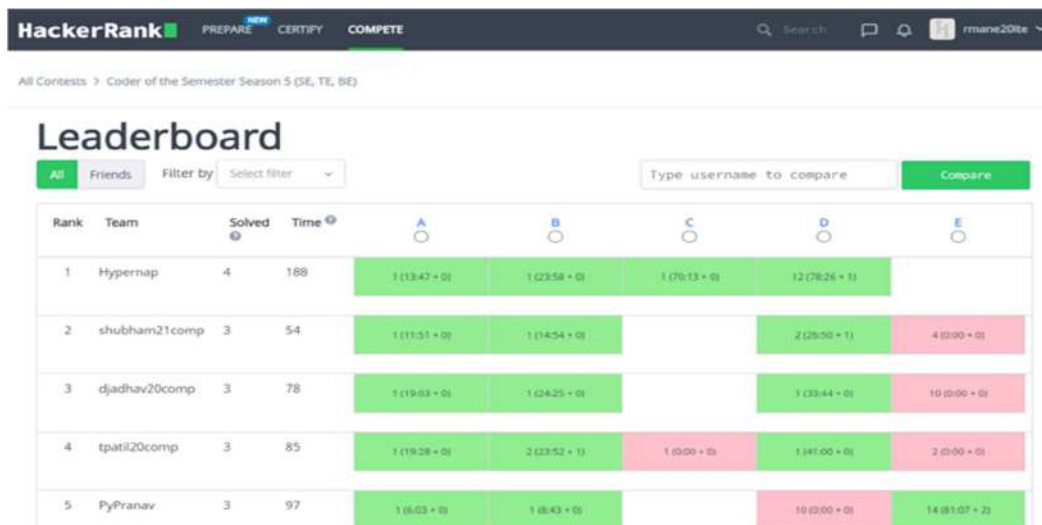
Coder of the Semester: Season 5



The Season 5 of our Coder of the Semester (COS) competition was a great success. This competition typically requires one to solve challenging problems within a limited time frame.

The event was open to students from all branches and years, including FE, SE, TE, and BE. COS featured two rounds this season, with a separate competition conducted for F.E. students to ensure fairness. Both rounds were conducted online, using Google Forms for Round 1 and HackerRank for Round 2. At the conclusion of the event, the top three coders were honored with prize money in recognition of their exceptional achievements. Sahil

Ghughe, Ojas Vishe and Arpit Dubey were the winners for FE. Sankalp Dubey (TE), Pranav Sunil (TE) and Tejas Patil (BE) were winners for the rest of the pool.



Rank	Team	Solved	Time	A	B	C	D	E
1	Hypernap	4	188	1 (13:47 + 0)	1 (23:58 + 0)	1 (76:13 + 0)	12 (78:26 + 1)	
2	shubham21comp	3	54	1 (11:51 + 0)	1 (14:54 + 0)		2 (26:50 + 1)	4 (0:00 + 0)
3	djadhav20comp	3	78	1 (19:03 + 0)	1 (24:25 + 0)		1 (33:44 + 0)	10 (0:00 + 0)
4	tpatil20comp	3	85	1 (19:28 + 0)	2 (22:52 + 1)	1 (0:00 + 0)	1 (41:00 + 0)	2 (0:00 + 0)
5	PyPranav	3	97	1 (6:03 + 0)	1 (8:43 + 0)		10 (0:00 + 0)	14 (81:07 + 2)

Decoding Frontend #3: Next.js with Prisma



PCE Mahatma Education Society's
Pillai College of Engineering
(AUTONOMOUS)
 NAAC A+ Accredited
csipce
 presents
The DECODING FRONTEND Series
 WORKSHOP ON
#3 Next.JS with Prisma
 ON 25th MARCH, 2023
 12:30PM ONWARDS
 OPEN FOR CS, IT, ECS
 - ENTRY FEES -
 NON CSI MEMBERS: Rs 50/- CSI MEMBERS: FREE
 CONTACT US:
 RESHMA:
 7738601909
 ARCHANA:
 8104823560
 FILL THE FORM:


Next.js is a simple and beginner friendly JavaScript Framework used to create interactive and easy to maintain web applications. Prisma's backend is a modern database toolkit that simplifies database management and enables developers to build scalable and performant GraphQL APIs quickly and easily.

Together, they provide a powerful and efficient stack for building fast, scalable, and reliable web applications. The workshop focused on Next.js, covering topics like dynamic routing, data fetching, styling and layouts, and deployment. Participants were engaged in creating their own Next.js App, implementing concepts such as dynamic routing and rendering. Projects were deployed on Vercel.

From Code to Career



PCE Mahatma Education Society's
Pillai College of Engineering
(AUTONOMOUS)
 NAAC A+ Accredited
csipce
 presents
 SEMINAR ON
FROM CODE TO CAREER
 An Expert Hour on
 Web Development
SHRIKANT SHET
 Senior Developer at
 Full-Stack Interactive LLP

 ON 25th MARCH 2023
 9:30AM ONWARDS
FREE FOR ALL
 CONTACT US:
 RESHMA:
 7738601909
 ARCHANA:
 8104823560
 FILL THE FORM:


CSI-PCE organized a seminar titled "From Code to Career: An expert hour on Web Development," open to students from all years and branches. The speaker for the seminar was Mr. Shrikant Shet, a Senior Developer at Full-Stack Interactive LLP and Mr. Ajinkya Mhatre, a Junior Full Stack Developer.

Mr. Shet shared his educational journey, emphasizing the importance of a strong foundation in computer science. The speaker covered various aspects of web development, including front-end and back-end technologies,

design principles, and efficient coding techniques.

The seminar successfully provided guidance and motivation to the audience, inspiring them to pursue successful careers in web development.

Bytestream

CSI-PCE organized a magazine launch “Bytestream” open to S.E, T.E. and B.E. students of the Computer Engineering, Information Technology and Electronics and Computer Science Departments. Bytestream holds a significant position as the premier event of CSI-PCE, characterized by the highly anticipated launch of a magazine publication.



The event organizers unveiled the Bytestream magazine, an impressive compilation of technical articles, case studies, demonstrating the intellectual prowess and expertise of the CSI community. A video presentation further enriched the experience by providing an insightful introduction to CSI.

Mr. Gaurav Somwanshi, the CEO of EmerTech innovations; Mr. Pranav Patel, the CEO of Chanakya Aanvikshiki; Mr. Anirudh Palaskar, the Head of Product Design, Cyber Dive and Mr. Aditya Sai Kumar, the CEO of Steamified, were the esteemed external speakers who offered valuable insights into emerging trends and advancements. Additionally, a distinguished CSI alumni member Mr. Pranay Gupta who is a Digital Marketing Specialist at Facebook Advertising and a very famous youtuber shared his personal experiences, reflecting on the profound impact of CSI in shaping their career and expressing gratitude for the transformative opportunities it provided.



ETSA

SN	Name of Event	Date Conducted	Speaker
1	AZADI KA AMRIT MOHOTSAV	16/08/23	–
2	RENEWABLE ENERGY	23/09/23	Mr. Milton Sikder
3	YOTTA IV	23/09/23 & 06/10/23	–
4	SILVASSA IV	08/10/23	–
5	Robotics and Automation Workshop	20/10/23	Prof. Ruchira Patole
6	THINK LIKE A PROTON	12/01/23	Mrs. Gayatri Dantal
7	WOMEN’S DAY	09/03/23	–
8	SEARCH ENGINES AND SE	10/02/23	Mr. Vineet Kekatpure
9	ETSA TALKS’	28/03/23	Mr. Sagar Chandani Mrs. Sangeeta Sunil Shah Mr. Parag Sakharam Ghumare
10	Events in collaboration with Alegria	12/01/23	–

AZADI KA AMRIT MOHOTSAV

ETSA PCE organized an event to celebrate the 75th Year of Independence Day of India or Azadi Ka Amrit Mahotsav, this event was organized in collaboration with IIC PCE. Azadi Ka

AmritMahotsav was celebrated this year on the eve of Independence Day i.e. 15th August to mark 75th year of independence as well as the 76th Independence Day. The celebration was held on 16th August for the engineering department but even students from PCACS had joined the celebration. The celebration was conducted in the S-508 Seminar room from 12am to 2:00pm.



RENEWABLE ENERGY



ETSA PCE organized an interactive session on ‘Renewable energy’ with Mr. Milton Sikder who is the CEO of SICKO technology. This company provides solar EPC, solar product and service support for B2B, B2C, C2C. All their products are available on their website and mobile instantly on each geographical location in India. SIKCO is a very well-known brand in India amongst other companies in the Solar Industry. This event was organized on 20th September 2022 for the students of second and third year. This session took place in the 6th floor mini auditorium from 3:30 to 5:30 pm.

YOTTA Industrial Visit

The first Industrial Visit (IV) organized by ETSA PCE for the academic year 2022 – 2023 was held in two batches on 23rd September 2022 and 6th October 2022 to Yotta Data Centre, Panvel. Students from SE, TE and BE were part of this IV. A day prior, a link was given to all students and they were requested to fill the gate pass form in order to get entry into the Yotta Data Centre premises. As per the given instructions, students dressed in their formal attires, were present in college premises at 7:45AM. Accompanied by our respective teachers namely Dr.Tusharika Banerjee and Prof. Sonali Kathare, we began our journey towards the destination at 8:30am. All the students were very excited and filled with joy, which made the entire journey eventful with lots of songs and fun.



Lantec Technologies Industrial Visit



ETSA PCE organized its second IV of academic year 2022-2023 to Lantec Technologies, Silvassa on 8 Oct. This IV was organized for students of all branches of SE, TE and BE. The IV started early in the morning at 5:30 AM. All the students reached the college campus well before the given time and were very excited to start their journey to Silvassa, the site for the visit.



Robotics & Automation

ETSA PCE organized a workshop on ‘Robotics and Automation’, which was led by Prof. Ruchira Patole. Robotics and Automation deal with the design and creation of robots. They use computers to manipulate and process robotic actions. These robots are used in Industries to speed up the manufacturing process, designing of bio-medical equipment, sea-exploration, among others, etc.



MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING
(Autonomous)

Robotics And Automation

By Prof. Ruchira Patole

Workshop Fees:

- Non ETSA Members:- 20.Rs
- ETSA Members:- Free

Certificate will be Provided

20 Oct 2022 Thursday
4th FLOOR
T-409
5PM Onwards

Contact:
Manish- 8419958875
Bhushan- 9137267382



MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING
Dr. K.M.Vasudevan Pillai Campus, Plot No.10, Sector 16,
New Panvel East, Navi Mumbai, Maharashtra 410206

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms
Priyanshu patil
has Successfully participated in the Workshop
On
'Robotics and Automation' Dated 20th October 2022

Dr. Tusharika Banerjee
ETSA - Coordinator


Dr. Avinash Vaidya
HOD, EXTC

Dr. Sandeep Joshi
Principal, PCE



Think like a proton

ETSA PCE organized a session on “Think like a proton” which was indeed a very spectacular event that took place on 12th January 2023. This session helped us to mold our thinking process to



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PILLAI COLLEGE OF ENGINEERING
Department of Electronics and Telecommunication Engineering
Dr. K. M. Vasudevan Pillai Campus, Plot No. 10, Sector 16,
New Panvel East, Navi Mumbai, Maharashtra 410206

Think like a Proton!
- always positive

Mrs. Gayatri Dantal
Expert in
Mind Management

12 THURSDAY
6th floor
Conclave -2(P-602)
3 pm onwards

Contact :
Hrshikesh - 9370107212
Ankit - 8976480773



MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING
Dr. K.M.Vasudevan Pillai Campus, Plot No.10, Sector 16,
New Panvel East, Navi Mumbai, Maharashtra 410206

CERTIFICATE OF HONOUR
PRESENTED TO
Gayatri Dantal

This certificate of honour is presented in appreciation of
Conducting Workshop on "Think Like Proton-Always Positive"
Dated 12th January 2023 with a sincere thank you
For your Hardwork and Dedication

Dr. Tusharika Banerjee
ETSA - Coordinator

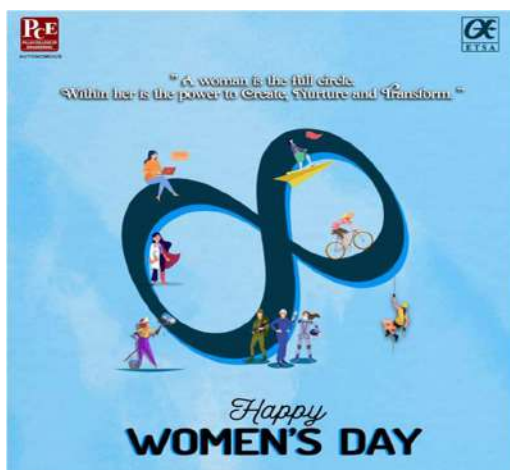
Dr. Avinash Vaidya
HOD, EXTC

a more “positive way”. As the session began, Mrs Gayatri Dantal ma'am who is a motivational

coach commenced the workshop by giving a brief knowledge of happiness.

Women's Day

ETSA-PCE organized a women's day event for all the female faculties of ECS and EXTC branch. This event was specially organized for the female faculties so that they can have a wonderful time



from their busy schedule in their lives. It started at 3:30 pm and continued with different games designed specifically for the guests and had a few performances which ended up with a cake cutting ceremony, which was a perfect dessert for the event to end. The guests, faculty members thoroughly enjoyed the event as they cherished all the memories they spent together.

Search Engines & SEO

ETSA organised a seminar on Search Engines and SEO on 10th March 2023. The seminar was held in conclave-1 (3rd floor, O wing) from 3PM to 5PM. The seminar was organised for students of



second year EXTC. Our speaker Mr. Vineet Kekatpure who is currently a software developer at Forcepoint and also an ex-intern from Tata Institute of Fundamental Research delivered the knowledge about SE very efficiently.

ETSA TALKS

ETSA PCE organized a webinar for their annual “ETSA TALKS”. The speakers for the event were Mr. Sagar Chandani, Sangeeta Shah and Mr. Parag Ghumare, and at the end of this event the



annual magazine “CIRKYTE” was launched and also the responsive website of ETSA-PCE was demonstrated.

IEEE

SN	Name of Event	Date Conducted	Speaker
1	AUTOSWAY	March 29, 2023	Pankaj Upadhyay, Mamta Negi, Adithyan Panicker and Abhishek Chaurasiya
2	SOLIDWORKS SIMPLIFIED	March 28, 2023	Shubham Badgujar, Aadesh Kadam and Vishnu Nair
3	CRAFTING CIRCUITS	March 27, 2023	Rohan Gharge and Mihir Chaulkar
4	DEEP LEARNING	March 5, 2023	Om Surve, Kunal Wagh
5	TECHNICAL TREASURE HUNT	February 10, 2023	–
6	GRAPHIC DESIGNING	January 26, 2023	Vaishnavi Pol, Tomcy Thomas, Shreya Naik

AUTOSWAY

IEEE PCE collaborated with Vanguard Racing Team for a two-hour seminar on Electric Vehicles.

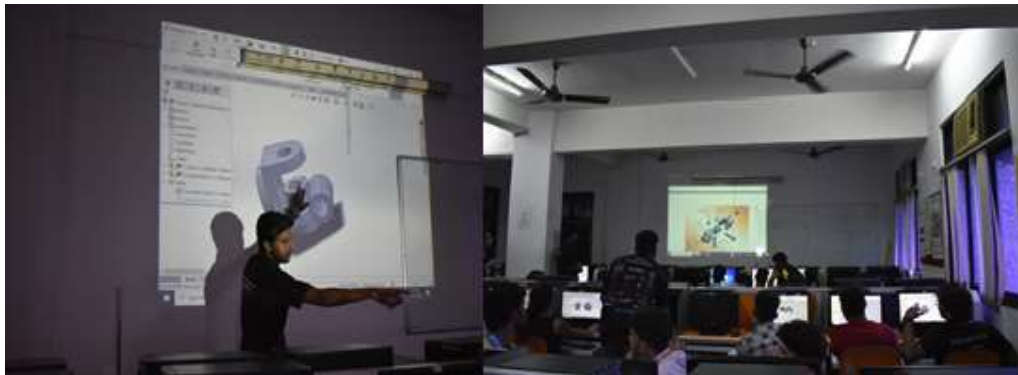


The members of Vanguard Racing Team prepared an informative presentation on the topic EV and their off-roading capabilities. The audience enthusiastically attended the seminar, often interacting with the racing team and clearing their newfound doubts. The seminar covered a range of topics from BMS, EV safety, sustainability, long term use, troubles specific to EV, new scopes

in EV technology (fuel cell) and exploring off road capabilities of EV. The event concluded with a vote of thanks and all the participants receiving an e-certificate on filling a feedback form. Overall, Autosway marked as an incredibly successful and riveting ending to the IEEE PCE x Racing Team series.

SOLIDWORKS SIMPLIFIED

IEEE PCE collaborated with the Racing Teams to conduct a 3-day event series where the members of the Racing Teams imparted their abundant electrical and mechanical knowledge to the participants. The second event was the 3D CAD modeling software workshop - SolidWorks Simplified. The event was conducted for 2 hours. The speakers started the event by introducing the fundamentals of the software.



It was followed by a demonstration where participants were taught how to model parts of a machine on the Solidworks software. The workshop was interactive and the participants could understand the advanced nuances of the software as well. The event concluded with a Q&A session and a vote of thanks. All the participants received participation certificates. The event concluded with a group photograph of the participants and the organizing team.



CRAFTING CIRCUITS

The workshop on Crafting Circuits was one of the best outcomes of IEEE PCE's collaboration with the Racing teams of PCE. The workshop was initiated with a warm welcome and a brief introduction about IEEE PCE. The keynote speakers, Mr.Rohan Gharge & Mr.Mihir Chaulkar, members of Spark Racing Team and Hyperion Racing Team respectively, began by introducing the attendees to the basics of softwares i.e., Proteus & Eagle which are used for circuit designing purposes.



Circuit design of Tractive system active light (TSAL) was taught in the first half of the event & PCB designing was taught in the other half of the event. All the doubts, questions and additional information that students were curious about were enthusiastically addressed. The workshop concluded with a vote of thanks addressed by a member of IEEE PCE and all the participants receiving an e-certificate on filling a feedback form.

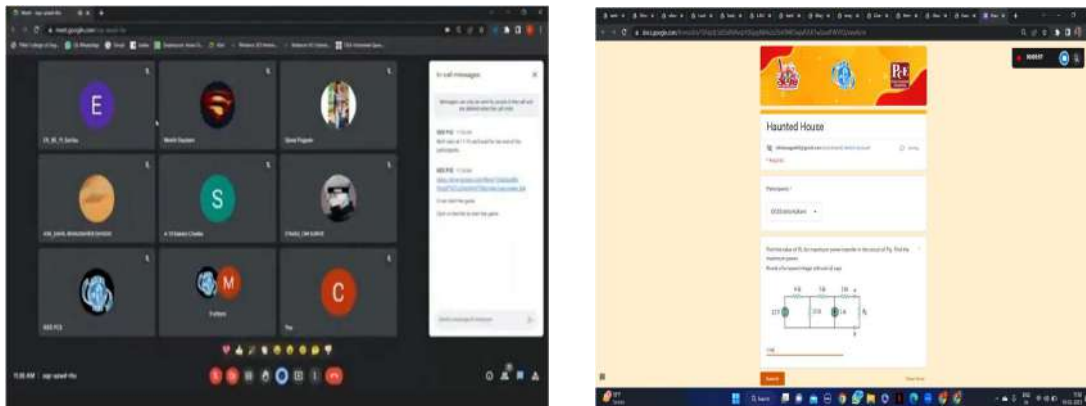
DEEP LEARNING

The IEEE PCE student chapter in collaboration with Alegria organized a Deep Learning Workshop for tech enthusiasts on 5th March. The event was conducted for 4 hours. The speakers Om Surve and Kunal Wagh, both students of the Information Technology department, started the event by introducing the fundamentals of Machine Learning and Artificial Intelligence. The participants were taught about basics of model training algorithms. The event was informative and the

participants could understand the advanced algorithms of Deep Learning very well. The event was interactive with a QnA session. All the participants received a participation certificate.

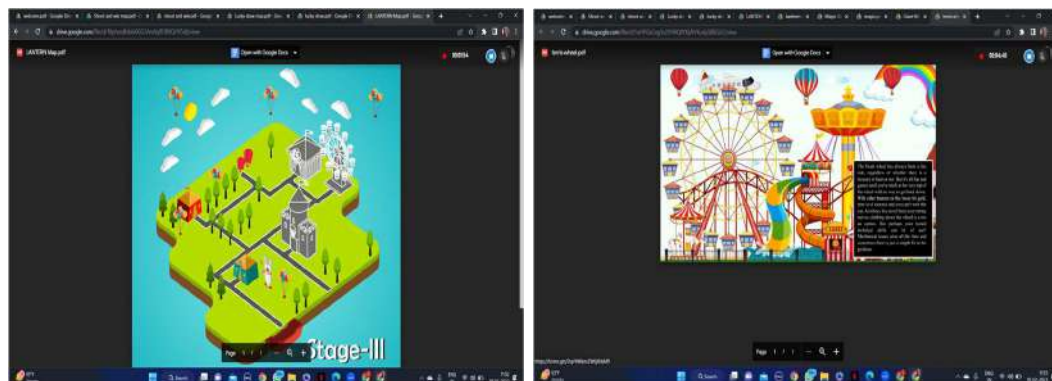
Technical Treasure Hunt

The event was conducted via online mode on Google Meet, participants were provided with a link to join the event. Participants were advised not to use online resources to again advantage over



other members. The questions for the hunt were asked through Google forms and the members who answered the questions were promoted to the next round, this happened until the final round was reached. The one making it till the last round, wins the event. The event was a great success since all the participants readily solved the questions and gained the clues in order to move up the ladder. The technical team was present in order to resolve the issue, if any. The event was concluded after announcing the winner and congratulating the participants for their enthusiastic performance.

GRAPHIC DESIGNING



‘Graphic designing’ workshop was one of the best outcomes of IEEE PCE’s collaboration with Alegria- The festival of joy. The workshop was initiated with a warm welcome and a brief introduction about IEEE PCE. The keynote speakers Mr.Tomcy Thomas, Ms.Vaishnavi Pol and Ms.Shreya Naik began by introducing the attendees to the basics of various softwares used for graphic designing purposes. Adding to that Graphic designing covered all the basics of design elements. Golden ratio and all the mathematical aspects that are initially used to design a logo or an object. Logo designing and poster making was taught in this workshop. All the doubts, questions and additional information that students were curious about were enthusiastically addressed. The workshop concluded on a vote of thanks and all the students receiving E-certificates on filling a feedback form.



ISHRAE

ISHRAE stands for Indian Society of Heating Refrigeration and Air Conditioning Engineers. ISHRAE is a national level body and ISHRAE PCE is included as one of its sub-chapter under Thane Chapter. ISHRAE includes both Students and Professionals as its members.

SN	Event Name	Date
1	Anubhav Event	13-04-2023
2	Industrial Visit report at Kruger, Shahapur	29-03-2023
3	Industrial visit at PanasiaEngineers ,Sanpada MIDC	18-02-2023
4	Seminar on Unlearning motorsport by Jamie Shaw	23-01-2023
5	Non-Stem activity at Ma Niketan, Thane	14-01-2023
6	Stem activity 1 at Ma Niketan, Thane	14-01-2023
7	Stem activity 2 at Ma Niketan, Thane	14-01-2023
8	NON – STEM event on Women Empowerment at Ma Niketan, Thane	14-01-2023
9	K-12 STEM activity at BETHANY CHILDREN'S HOME, Nerul	17-10-2022
10	K-12 Non STEM activity at BETHANY CHILDREN'S HOME, Nerul	17-10-2022
11	ISHRAE PCE Student Chapter Installation Report	10-08-2022
12	STEM Activity at Child Haven International, Pen.	15-06-2022
13	Non – STEM Activity at Child Haven International, Pen.	15-06-2022
14	Outdoor Activities (Value based) at Child Haven International, Pen.	15-06-2022
15	Industrial Visit at IDEMI, Sion	23-04-2022

ANUBHAV 23

ISHRAE PCE Student chapter conducted ANUBHAV at PCE on 13th April in collaboration with other committees of the college. Alumni from various branches were invited to share their experiences and college journeys. The alumni students invited were Mr. Qasim Vaid, Mr. Siddharth Nair, Ms. Nupur Kelkar, Mr. Harishankar Nair, Mr. Rohit Palassery and Mr. Ashith Hedge having great knowledge in their own fields. The alumni students were felicitated by respective HODs and they shared their experiences in the college. Pillai College of Engineering, New Panvel celebrated ANUBHAV with great joy.



PCE Pillai College of Engineering
Mahatma Education Society's PILLAI COLLEGE OF ENGINEERING
ANUBHAV 2022-23
 In collaboration with: SAREE, AETEA, CSIPCE, ICSA, ICSA

"Let's shine our paths with the light of experience and hardwork by some of our most conversant seniors"

13 April
11:00 AM

Contact for any queries
 Debarun Basu: +91 9653420584
 Anurag Chauhan: +91 8433751769

Speakers:
 Mr. Qasim Vaid (Automobile Dept.)
 Mr. Harishanker Patil (Mechanical Dept.)
 Mr. Rohit Palaseery (Computers Dept.)
 Ms. Nupur Kelkar (Information Technology Dept.)
 Mr. Ashith Hegde (Electronics & Telecommunication Dept.)
 Mr. Siddhant Maitr (Electronics Dept.)

Industrial Visit (IV)

ISHRAE PCE Chapter organized an Industrial Visit (IV) for the students at Kruger Ventilation Industries and Panasia Engineers Pvt Ltd, Sanpada MIDC. The visit was an incredible opportunity to learn about the latest advancements in the industrial sector and explore potential career paths. They learned about the design, production, and testing processes that go into creating high-quality ventilation systems, and gained an in-depth understanding of the various components that make up these complex systems.



Industrial Visit To KRUGER VENTILATION

About them:
 Kruger is a leading supplier of energy efficient ventilation solutions for residential and commercial buildings, industrial applications and infrastructures. Currently, Kruger established 18 business units in Asia Pacific Region.

Rules to be followed:

- Students should bring their college ID.
- Formal attire is required as well.
- T-shirt and Blue jeans are strictly not allowed.
- No restrictions on what type of shoe to be worn.
- Slippers and Sandals are strictly prohibited.

*Fees for non-members - ₹300
 *Free for Ishrae members
 *Refreshments and transportation will be provided

Contact us :
 Debarun Basu - 8433751769
 Pranay Shikre - 9167307636

29th March 2023
 10am - 3pm

Kruger, Shahpur, Kalamgaon, Maharashtra



Seminar on Unlearning Motorsport by ‘Jamie Shaw’

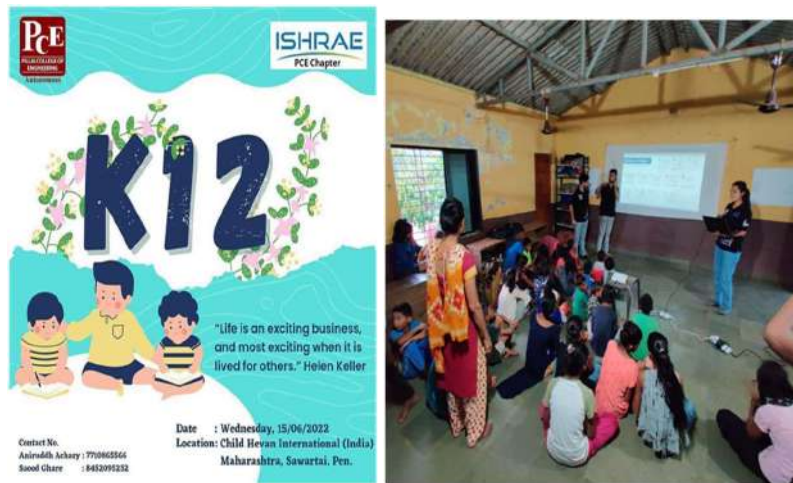
ISHRAE PCE Student chapter conducted a seminar on the topic “Unlearning Motorsport” by a motorsport brand ambassador ‘Jamie Shaw’ on 23-01-2023. Students of mechanical and automobile engineering from all years were present in the seminar. Jamie Shaw is a Motorsport podcast speaker, automotive event oracle and a digital content creator as well. The program began with a presentation by Jamie Shaw where he explained the importance and potential of the motorsport industry in India followed by a Q&A session. He gave a brief about the insights and the working in the Motorsport industry of India.

K12- Non - STEM



ISHRAE PCE chapter organized K12 (Non - STEM). In this K12, core member Anurag Chauhan had an interactive and explanatory session with the students. They were taught the basics of hygiene

including the processes of handwashing and personal hygiene. The topics chosen were of the type in order to educate the students with social awareness regarding latest diseases and viruses in the community. Also, they were made aware of the basic precautions and reforms taken after infections. A very brief and small interaction was delivered to the students after the activity. At the end of the event these students were very well versed with the importance of personal hygiene.



K12 - Tree plantation

ISHRAE PCE chapter organized another K12 (Non - STEM) programme on 15-06-2022. Planting trees is especially important to protect our environment against air pollution and global warming. It is an important activity to make our environment greener and cleaner. For the same cause the tree plantation drive was recently directed by the ISHRAE. This creates awareness of 'Protecting our environment is the need of the hour'. The committee members brought different types of saplings and helped the children to plant them in the Child Havens International Orphanage. The committee members planted the saplings in the Pillai College of Engineering New Panvel Campus.



K12 - Women Empowerment

ISHRAE PCE chapter organized yet another K12 programme. The speakers Abhay Gawand and Anurag Chauhan had an interactive session with the students. They were taught the basic fundamental rights of human beings and different examples were provided for empowering women. The participants shared their vision and career options with everyone and guided them as well



K12 - Space / Mathematics

ISHRAE PCE chapter organized yet another K12 programme. Speaker Debarun Basu had a fun interactive session with the students. Students were taught about the working of solar panels and how renewable sources of energy are beneficial for the upcoming future. Also, speaker Jivitesh Vagal gave an extremely informative talk on the topic of space. The students interacted well with each other by sharing their knowledge and indeed it was fascinating to learn these astonishing facts about space.



ISHRAE
PCE Chapter
invites you for
**STUDENTS CHAPTER
INSTALLATION CEREMONY
CWC FOR SY 2022-23**
Followed by The Great Debate on "Leaders are born or made."

Mr. Rajan Gaonkar
Moderator
ITC IPP

Mr. Avinash Shaligram
Installation officer
ITC Presidential Member

Mr. Sagar Munishwar
ITC President

Current team for ISHRAE PCE

Mr. Aniruddh Achary
Incoming President

Mr. Debarun Basu
Incoming President Elect

VENUE : 7TH FLOOR AUDITORIUM
DATE&TIME : 10TH AUGUST @ 3PM
Student chair:- Mr. Umair Momin ITC president :- Mr. Sagar Munishwar




K-12 ACTIVITY
"THE WHOLE PURPOSE OF
EDUCATION IS TO TURN MIRRORS
INTO WINDOWS."
Date: 14th January 2023
Time: 5pm - 6pm
For any queries contact:
Debarun Basu - 8433751769
Pranay Shikhre - 9167307636
Venue - Ma-Niketan Society
2nd Pokhran road, Opp. Bethany
hospital, post box no.127,
Thane(W)-400610

K12 programme -Engineering Experiment (Acids &Bases)

ISHRAE PCE chapter organized yet another K12 programme. In this K12 speaker had a fun interactive session with the students. They were taught the basic fundamentals of acids and bases. We performed an experiment with a beaker in which we had baking soda and water and a relative explanation was given why this solution turned red litmus paper blue. We even showed them practically changing colors. The students were well aware about the difference between acids, bases and their properties



ISHRAE PCE Student chapter conducted their Installation Ceremony followed by Debate Session on the 10th of August, 2022. Dignitaries from ISHRAE Thane Chapter & PCE spoke about various programs conducted by ISHRAE like K12, IV's, Webinars, Internships & Job Junction. This was followed by the Installation ceremony where the student members took their oaths. The ISHRAE PCE student chapter President Mr. Aniruddh Achary announced the theme for this following year namely "PARIVARTAN" and an official Logo for our student chapter was also revealed during this Ceremony.



Core members with Dignitaries



Student members of ISHRAE-PCE during the oath ceremony.

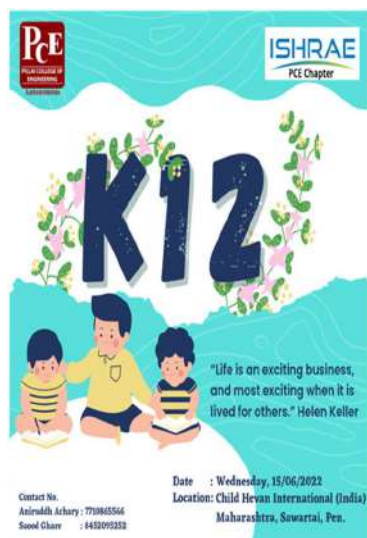
K12 programme -Engineering Experiment (Atom and its Properties)

ISHRAE PCE chapter organized yet another K12 programme on 15-06-2022, Engineering experiment (Atom and its Properties). In this K12 our accomplished speaker Mayur Musale had an interactive session with the students. They were taught the very basics of atomic structure. The theory consisted of all the basic parts of atomic structure i.e., protons, electrons and neutrons. Also, various properties of the atom were conveyed to the students by showing them a basic structural drawing on blackboard. A very brief and hands-on experience was delivered to the students. The whole team was obliged by the responsiveness of these students. At the end of the event these students were very well versed with the basics of atomic structure.



K12 program- Engineering Experiment (Electricity and its basics)

ISHRAE PCE chapter organized yet another K12 programme, Engineering Experiment (Electricity and its basics). In this K12 our very capable speaker Shubhayan Sarkar had a fun interactive session with the students. They were taught the very basics of current and electricity. The experiment consisted of a very basic electric circuit (all precautions were taken), a very brief and hands-on experience was delivered to the students. The whole team was obliged by the responsiveness of these students. At the end of the event these students were very well versed with how electricity flows to a bulb.



K12 activity- FUN SCIENCE EXPERIMENTS

ISHRAE PCE Chapter organized a K12 activity for the students of Bethany in which a session on “FUN SCIENCE EXPERIMENTS” related to Chemistry, Mathematics and Electricity. Along with this an addition of Birthday Celebration of one of our Core member was executed at the event. We made students play two games which were Tug of War and Dodge the Ball. All the student members actively took part along with the help of core committee members. It was great learning for students and everyone enjoyed it.



SAE



SN	Event Name	Date
1	Webinar on Engineers for the Social Sector	7th November 2022
2	Event on LABVIEW	21st November 2022
3	Event on Technical Paper Presentation	25st March 2023
4	Report on Industrial Visit to BEST Wadala	28th March 2023

Webinar on “Engineers for the Social Sector”

SAE-PCE successfully conducted a webinar on Engineers for the Social Sector. In the webinar, Mr Dharmaraj Solanki spoke about the need and importance of engineers in social sectors. With new ambitions, problems and with the new opportunities of what should an engineer do for his/the speaker nicely explained her society, along with how a student can bring a change to this new world and also for new coming generations and has also explained the solutions to these problems.

He also added some light upon topics like NGO, Social Service, Public Factors and many other things. Total 52 students attended the webinar.



Event on LABVIEW

SAE-PCE successfully conducted an event on LABVIEW software. LabVIEW is a software, which is mostly used for graphical representation of electric things like sensor, conductor and many other things. It is also a graphical programming environment engineers use to develop automated research, validation, and production test systems. It is mostly used for both research and industrial purposes.

Event on Technical Paper Presentation

SAE-PCE successfully conducted an event on Technical Paper Presentation. There were total 10 Teams, which participated in the event along with three faculty members.



Industrial visit to BEST Wadala



SAE-PCE successfully conducted an Industrial visit to BEST Wadala for all SE Mech and Auto students. The industrial visit to the BEST, Wadala organized on March 28, 2023 proved to be a wonderful learning experience as it helped students to gain a better insight into the practical aspects of the BEST buses.

Extra Curricular Activities

- ❖ ANUBHAV
- ❖ Independence Day
- ❖ Teacher's Day
- ❖ Diwali Celebration
- ❖ Dussehra
- ❖ Republic Day
- ❖ Shivaji Jayanti
- ❖ Alegria - The Festival of Joy
- ❖ International Women's Day
- ❖ All social events (eg. Community service day, unnaat bharat, Nature club events)

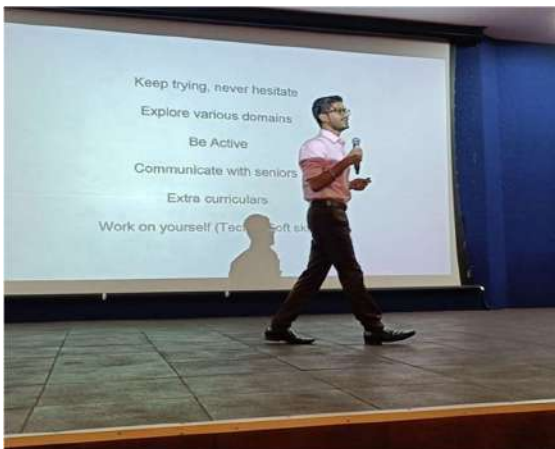


ANUBHAV

ISHRAE PCE Student chapter conducted ANUBHAV at PCE on 13th April in collaboration with other committees of the college. Alumni from various branches were invited to share their experiences and college journeys. The alumni students invited were Mr. Qasim Vaid, Mr. Siddharth



Nair, Ms. Nupur Kelkar, Mr. Harishankar Nair, Mr. Rohit Palassery and Mr. Ashith Hedge having great knowledge in their own fields. The program began with speech of HODs of each Department followed by introduction of speakers and the host. Then the speakers shared their experiences followed by a Q&A session.





PCE Mahatma Education Society's **PILLAI COLLEGE OF ENGINEERING** **ISHRAE**
PCE Chapter

ANUBHAV
2022-23

In collaboration with

SERC | **Q&A** | **CSIPCE** | **EGSA**

"Let's shine our paths with the light of experience and hardwork by some of our most conversant seniors"

13 April

11:00 AM

Contact for any queries
Debarun Basu: +91 9653420584
Anurag Chauhan: +91 8433751769

Speaker
Mr. Qasim Valid
(Automobile Dept.)

Speaker
Mr. Harishankar Nair
(Mechanical Dept.)

Speaker
Mr. Rohit Palassery
(Computers Dept.)

Speaker
Ms. Nupur Kelkar
(Information Technology Dept.)

Speaker
Mr. Ashith Hegde
(Electronics & Telecommunication Dept.)

Speaker
Mr. Siddharth Nair
(Electronics Dept.)

Independence Day

Independence Day was celebrated on Monday, 15th August 2022 at 8:00 AM by hoisting the national flag. Commander Rajesh R. Pillai of the Indian Navy, Headquarters Western Naval Command Mumbai was the Chief Guest. He addressed the gathering on the momentous occasion of India's 75th Independence Day.

Heads of the Institutes/Sections were present for the Independence Day celebration along with their Teaching and non-teaching staff and Students. Members of the Teaching and Non-Teaching staff were invited for refreshments to be served in the campus cafeteria after the Flag hoisting.

Teacher's Day

Better than a thousand days of diligent study is one day with a great teacher. Teachers have the power to inspire and change the course of our lives. Teacher's Day was celebrated at Pillai College of Engineering on 7th September 2022. The event was held in the auditorium, which was organized by the student council. All the faculty and non-teaching staff were invited to the celebration. The celebration started with Lamp Lighting by Mr. P. S. Goyal, Dr. Arun Pillai, Dr. Manju Pillai, and all the HODs present.



Dussehra

Dussehra, also known as Vijayadashami, commemorates Lord Rama's triumph over Ravana. All departments enthusiastically performed puja, a day prior to the official Dussehra date



Dussehra Celebration of EXTC and ECS Department



Dussehra Celebration of Comp and IT Department



Dussehra Celebration of Mechanical and Automobile Department

Republic Day

Republic Day was celebrated on Monday, 26th January 2023 at 8:00 am by hoisting the national flag. Dr. Nivedita Shreyans, Director P.R. and Corporate Communication, M.E.S. and Associate Professor, P.I.M.S.R. was the Chief Guest. She addressed the gathering on the momentous occasion of India's Republic Day.



Heads of the Institutes/Sections were present for the Republic Day celebration along with their Teaching, Non-Teaching staff and Students. Members of the Teaching and Non-Teaching staff were invited for refreshments to be served in the campus cafeteria after the Flag hoisting.

Shivaji Jayanti



On 18th February 2023, the Pillai Group of Institutions gathered to commemorate the birth anniversary of Chhatrapati Shivaji Maharaj. Shiv-Jayanti celebration is held to honor Chhatrapati Shivaji Maharaj's multifaceted qualities, including being an efficacious organizer, strategic visionary, great warrior, enlightened administrator, inspiring leader, and an obedient son, among others. This year's ceremony commemorates the legendary Maratha warrior's 393rd birthday. The day was passionately marked with different cultural

activities such as Powada, an informative and nostalgic speech along with a traditional dance performance by our students. As the day ended with dedicated hearts and an ecstatic time, everyone was filled with pride and respect for the great Maratha Emperor and his inspirational initiatives. The event was well-organized, and it left a lasting impression

Alegria - The Festival of Joy



Alegria-The Festival of Joy is the Pillai Group of Institution's exciting intercollegiate event organized in Dr. K.M.Vasudevan Pillai Campus by students of all the institutes in the campus, i.e. Pillai College of Engineering, Pillai College of Arts, Commerce and Science, Pillai Institute of Management Studies and Research and Pillai College of Architecture.

In Alegria 2023, a total 114 events were organized in 10 different categories. These categories include Management, Technical, Performing Arts, Informals, Sports, Gaming, Fine Arts and Literary Arts. Technical workshops were held in collaboration with Pillai College of Engineering's student bodies like CSI-PCE, ETSA-PCE, IEEE-PCE, AESA MESA, TPC-PCE and ISHRAE. This year the theme of Alegria 2023 was "Carnival of Wonders" which was selected by 'Alegria Theme competition'.

Alegria 2023 was a 5-Day Festival organized from 7th February 2023 to 12th February 2023. We received a huge participation from various colleges. The number of entries exceeded 10,000 this year which is the highest till date also the total footfall for various concerts exceeded 15,000. The Student council and members of various committees showed great efforts in crowd management which led to smooth functioning of events.

The Performing Arts and Informal events were conducted in the Atrium, Quad and Auditorium. To make these events memorable, a celebrity lineup was arranged by the organizing committee for judging these events, which included Sushmita shetty, Pratik Sehajpal, Sahil Khan and Vivek Menon etc.

**Pre-Alegria Events:
Movie Promotion & Theme Reveal:**

September has arrived, and whispers of Alegria 2023 have already begun to circulate. Thus, Pillai Group of Institutions decided to fulfill everyone's request by launching the theme of Alegria 2023 - Biggest Alegria Ever . The college was graced by the stunning Tamannaah Bhatia, Padma Shri and National Film Award winner Mr. Madhur Bhandarkar on 23 September 2022 for the movie promotion of their amazing film Babli Bouncer, as well as the theme reveal of Alegria 2023. The event was conducted at the atrium.

The trailer of the movie was shown to the crowd .The energy they brought to the event was astonishing and the humility with which they interacted with each and everyone was really inspiring.The invited guest shared their experiences and briefed the movie to the crowd. It was inspiring to hear the experiences of the cast and they made quite an impact on the crowd. In honor of 10 years of Alegria , the theme for this year's alegria is revealed - “Carnival of Wonders”. A video revealing the theme was shown to the crowd, which mesmerized everyone. As the theme speaks for itself , Alegria 2023 is going to be lit with stellar experiences and amusement of all things one can associate with our favorite carnivals.



Movie Promotion - Har Har Mahadev

After a glamorous theme reveal of Alegria, Pillai Group of Institution is back again with another splendid event. The event on 13 October 2022 was to promote the Maharashtra movie "Har Har Mahadev". Subodh Bhawe, Hardeek Joshi, and Sayali Sanjeev graced the college with their energetic and high-spirited presence. The event was conducted at the auditorium. The student council volunteered the entire event. The splendid dance performance by the RTN group left the guests speechless.

The trailer of the movie was shown to the crowd in three different languages. The film narrates the inspiring tale of a historic battle, where a mere 300 soldiers, under the leadership of Baji Prabhu Deshpande, fought valiantly. Baji Prabhu Deshpande, a trusted commander of Chhatrapati Shivaji Maharaj, exemplified unwavering courage and determination.. The starred cast shared their experiences and briefed the movie to the crowd. It was inspiring to hear the experiences of the cast and they made quite impact on the crowd. There was extreme excitement among the crowd. This sweet little event was refreshing for all the students.



Banner Unveiling

This year Alegria 2023 Banner unveiling ceremony was organized with a captivating flashmob where talented dancers performed for the excited crowd in Quad , Dr . K. M. Vasudevan Pillai Campus. The event commenced with lamp lightning along with an authentic classical dance performance followed by the sweet words of Dr. Daphne Pillai. The flashmob gave everyone a feel of carnival as Uconic-the fashion group of college performed a parade. Throughout the event, nostalgia spread among everyone who witnessed the banner of the 10 years being unfurled and the theme dance of respective years being performed by the college's dance groups. The event saw a huge footfall with every Algerian sitting there with excitement and curiosity. This flashmob indeed gave a flashback to many of us



Auto Expo

To promote Alegria on a broader scale Auto Expo event was organized on 28th January, 2023 in Dr.K.M.Vasudevan Pillai Campus. An array of motorbikes and supercars with sleek metal bodies, enticing colors and designs grunted through the college entrance and were traversed stylishly by the motorists to the quad where they were displayed.

The crowd couldn't stop themselves from hooting after they witnessed the beauty of the automobiles such as BMW M4, Mustang, G Wagon, Audi RS7, BMW M3 Convertible, Porsche, Kawasaki H2, Hayabusa, Kawasaki Z800, Benelli 600I, Honda CBR 650F, Triumph Daytona 675R, GZX 1000RR, BMW S1000RR, Harley Fatboy, Honda Africa Twin and Honda Gold Wing upfront. The event started from 2:00 PM and ended at 05:00 PM in the evening.

The teams were felicitated with customized t-shirts. Towards the end, there was a burnout by riders paving the road of Alegria with smoke. Navi Mumbai saw one of its kind Auto Expo events, in the buildup to one of Mumbai's biggest college festivals being conducted successfully.



Soch - Alegria

Soch-Alegria is the pre-Alegria event organized by the junior organizing committee of Alegria. As part of this event, all of the junior OCs brainstorm innovative ideas in order to motivate the crowd to make a change. This year's Soch Alegria celebration was all about Fresh-Biz, which is to support new businesses in the community. The event commenced with the lamp lighting ceremony. The purpose of this event is to give young entrepreneurs and creative minds the chance to gather support and market their products and ideas. In total, 20 stalls were installed during the event to sell a variety of products such as merchandise, cupcakes, jewelry, cosmetics, paintings, etc.

The event was a great success and had many positive reactions from students as well as faculties. The event was attended by over 1000 people. It was a great opportunity for entrepreneurs to showcase their products and gain exposure for their ideas. Several successful businesses were launched with the help of Soch Alegria. The event also helped to create a stronger sense of community among the junior OCs . Overall, Soch Alegria- Fresh Biz was a great opportunity for young minds to come together and make a difference.



Pre-Alegria Workshops

Category	Event	Date	Time	Venue
Technical	Flutter	14-01-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
	Git and Git-Hub	15-01-2023	10:00 am to 3:00 pm	P-103 / S-108 (1st Floor)
	Web Development using Javascript	22-01-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
	Graphic Designing	26-01-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
	Machine Learning	03-02-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
	Web Development using Python	04-02-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
	Blockchain	05-02-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
	UI/UX	06-02-2023	10:00 am to 5:00 pm	P-103 (1st Floor)
Management	Excel workshop- Finance	06-02-2023	11:00 am to 03:00 pm	P-203
	Digital Marketing workshop	06-02-2023	01:00 pm to 03:00 pm	Auditorium-7th Floor
	Stock Market workshop	03-02-2023	03:00 pm to 05:00 pm	Auditorium-7th Floor
Fine Arts	Clay Modelling Workshop	12:00 pm to 01:30 pm	06-02-2023	Fashion Studio

Day 1 (7/02/2023)

The Inauguration Ceremony was held on Day 1 of Alegria i.e., 7th February 2023, in the Atrium and inaugurated by Dr. K.M.Vasudevan Pillai and Dr. Daphne Pillai. The Student's Council and officials from various organizations worked tirelessly to control the crowds, ensuring that the festivities functioned well.

Category	Event	Mode	Time	Venue
Performing Arts Category Head: Taha Siddiqui	Beat boxing	Offline	12:00 pm to 2:00 pm	Atrium
	Duet Dance	Offline	2:00 pm to 4:00 pm	Atrium
	War of DJs	offline	7:30 pm to 8:30 pm	Quad
Informals Category Head: Nishita Jagdale	Fashion Show	Offline	5:00 pm to 7:00 pm	Quad
Media Fest Category Head: Aditi Gothe	Build your brand	Offline	12:00 pm to 01:30 pm	Lab-P103 (1st Floor)
	Digital Poster making	Offline	01:00 pm to 03:30 pm	lab-P204 (2nd Floor)
	Alegria Times	Offline	03:00 pm to 05:00 pm	O-203 (2nd Floor)
	Live Photography	Offline	9:00 am to 1:00 pm	Conclave 2
Technical Category Head: Tanishq Parkar/Bharati Jagtap	Hackathon	Online	12:00 PM to 06:00 pm	Online
	Techmania	Offline	10:00 am to 6:00 pm	G-204, G-205
Sports Category Head: Malhar Ghanekar	Basketball	Offline	9:00 AM - 5:00 PM	SYNTHETIC COURT
	BB Shootout(B) (1v1)	Offline	9:00 AM - 5:00 PM	SYNTHETIC COURT
	BB Shootout(G) (1v1)	Offline	9:00 AM - 5:00 PM	SYNTHETIC COURT
	Kabaddi	Offline	9:00 AM - 5:00 PM	MAIN GROUND

	Tug Of War(B)	Offline	9:00 AM - 5:00 PM	MAIN GROUND
	Shot Put (B)	Offline	9:00 AM - 5:00 PM	MAIN GROUND
	Shot Put (G)	Offline	9:00 AM - 5:00 PM	MAIN GROUND
	Badminton (G)	Offline	9:00 AM - 5:00 PM	GYMKHANA
	Chess	Offline	9:00 AM - 5:00 PM	S-501 CLASSROOM
	Blitz Chess	Offline	9:00 AM - 5:00 PM	S-502 CLASSROOM
Gaming Category Head: Hardik Jain	Rocket League 1v1	Offline	11:00 AM - 4:00 PM	G-601
	Fifa 1V1	Offline	11:00 AM - 4:00 PM	G-501
	WWE 1v1	Offline	11:00 AM - 4:00 PM	G-501
	Ludo (offline)	Offline	11:00 AM - 4:00 PM	G-502 / G-503
	Ludo (online)	Online	11:00 AM - 4:00 PM	Online
	Chess (online)	Online	11:00 AM - 4:00 PM	Online
	Minecraft	Online	11:00 AM - 4:00 PM	Online
Beyounick Appearance				7:00 PM to 7:30 PM
Jam Session with Olly				8:30 PM to 9:30 PM

Day 2 (8/02/2023)

Category	Event	Mode	Time	Venue
Performing Arts Category Head: Taha Siddiqui	Classical Solo	offline	10:00 am to 11:30pm	Atrium
	Skit	Offline	10:00 am to 12:00 pm	Auditorium (7th Floor)
Informals Category Head: Nishita Jagdale	Fastest Finger First	Offline	10:00 am to 12:00 pm	G-602 / G-603
	Fitness Physique	Offline	12:00 pm to 2:00 pm	Atrium
Media Fest Category Head: Aditi Gothe	Red carpet	Offline	12:00 am to 02:00 pm	Auditorium (7th floor)
	Reel it Influencer	Offline	10:00 am to 02:00 pm	Conclave II (6th floor)
	Photography	Offline	12:00 pm to 01:30 pm	O-203 (2nd Floor)
	Kukkad Nukkad	Offline	2:00 PM to 3:00 PM	Atrium
Management Fest	Biz Quiz	Offline	10:00 am to 12:00 pm	Conclave-I
	Management Treasure Hunt	Offline	10:00 pm to 12:00 pm	Assembly Hall-Campus
	Escape Room	Offline	11:00 am to 03:00 pm	PIMSR Hall
Technical Category Head: Tanishq Parkar/Bharati Jagtap	Hackathon	Online	10:00 am to 04:00 pm	Online
	TechMania 1v1	Online	10:00 am to 04:00 pm	G wing, 2nd floor, G-205,206
Sports Category Head: Malhar Ghanekar	Volleyball	Offline	9:00 am - 5:00 pm	SYNTHETIC COURT
	Kabaddi	Offline	9:00 am - 5:00 pm	MAIN GROUND
	60M Sprint (B)	Offline	9:00 am - 5:00 pm	MAIN GROUND

	60M Sprint (G)	Offline	9:00 am - 5:00 pm	MAIN GROUND
	Table Tennis	Offline	9:00 am - 5:00 pm	GYMKHANA
	Carrom (SINGLES)	Offline	9:00 am - 5:00 pm	S-507 CLASSROOM
	Carrom (DOUBLES)	Offline	9:00 am - 5:00 pm	S-504 CLASSROOM
Gaming Category Head: Hardik Jain	Rocket League 1v1	offline	11:00 am to 4:00 pm	G 601
	Fifa 1V1	Offline	11:00 am to 4:00 pm	G-501
	WWE 1v1	Offline	11:00 am to 4:00 pm	G-501
	Ludo (offline)	Offline	11:00 am to 4:00 pm	G-502 / G-503
	Ludo (online)	Online	11:00 am to 4:00 pm	Online
	Chess (online)	Online	11:00 am to 4:00 pm	Online
	Minecraft	Online	11:00 am to 4:00 pm	Online
	Stumble Guys	Online	11:00 am to 4:00 pm	Online
Live Concert Night with Anuv Jain				6:00 PM to 8:00 PM
Live Concert Night with King				8:15 PM to 9:45 PM

Day 3 (9/02/23)

Category	Event	Mode	Time	Venue
Performing Arts Category Head: Taha Siddiqui	MonoActing	offline	10:30 am to 12:00 am	Atrium
	Rapping	Offline	12:00 pm to 1:30 pm	Atrium
	Freestyle Group	Offline	5:30 pm to 7:30 pm	Quad
	Folk Group	Offline	8:00 pm to 9:30 pm	Quad
Informals Category Head: Nishita Jagdale	Face of Alegria	Offline	4:00 pm to 5:30 pm	Quad
	Mr & Ms Alegria	Offline	2:30 pm to 4:00 pm	Quad
Fine Arts Fest Category Head: Sejal Chandgadkar	Sketching	Offline	10:00-12:00	PICA studio (Ground Floor)
	Canvas Painting	Offline	10:00- 12:00	S403/S404
	Mandala Art	Offline	12:30 - 2:00	PICA STUDIO (Ground Floor)
Management Fest	Best Manager	Offline	10:00 am to 12:00 pm	Conclave I
	What's that brand?	Offline	12:00 pm to 02:00 pm	Conclave 1
Technical Category Head: Tanishq Parkar/Bharati Jagtap	Hackathon	Online	10:00 am to 04:00 pm	Online
	Typing Competition	Online	10:00 am to 04:00 pm	Online
	TechMania 1v1	Offline	10:00 am to 04:00 pm	S108 Lab
	Mock Placement	Offline	10:00 am to 4:00 pm	S101 Lab
Sports Category Head: Malhar Ghanekar	Futsal	Offline	9:00 am - 5:00 pm	SYNTHETIC COURT
	Penalty (B)	Offline	9:00 am - 5:00 pm	MAIN GROUND
	Penalty (G)	Offline	9:00 am - 5:00 pm	MAIN GROUND

	Badminton (B)	Offline	9:00 am - 5:00 pm	GYMKHANA
	Speed Climbing (B)	Offline	9:00 am - 5:00 pm	GYMKHANA
	Neo Shootout(1v1)	Offline	9:00 am - 5:00 pm	L-501CLASSROOM
	10M AIR RIFLE	Offline	9:00 am - 5:00 pm	S-202 SHOOTING RANGE
Gaming Category Head: Hardik Jain	Rocket League 1v1	Offline	11:00am -4:00 pm	G 601
	Fifa 1V1	Offline	11:00am - 4:00pm	G-501
	WWE 1v1	Offline	11:00 am - 4:00 pm	G-501
	Ludo (offline)	Offline	11:00 am- 4:00 pm	G-502 / G-503
	Minecraft	Online	11:00 am - 4:00 pm	Online
	Stumble Guys	Online	11:00 am - 4:00 pm	Online
	Ball pool	Online	11:00 am - 4:00 pm	Online
	PES Mobile	Online	11:00 am - 4:00 pm	Online
Innovation Fest Category Head: Yog Agarwal	Workshop on IPR	Offline	09:00 am to 10:30 am	Conclave II (6th Floor)
	Motivational Workshop	Offline	11:00 am to 12:45 pm	Conclave II (6th floor)
	Workshop on Financial Management	Offline	01:00 am to 02:00 pm	Conclave II (6th floor)
	Shark Tank	Offline	02:00 pm to 05:30 pm	Conclave II (6th floor)
Live Concert Night with Anuv Jain				6:00 PM to 8:00 PM
Live Concert Night with King				8:15 PM to 9:45 PM

Day 4 (10/2/23)

Category	Event	Mode	Time	Venue
Performing Arts Category Head: Taha Siddiqui	Stand up Comedy	offline	10:30 am to 11:30 am	Atrium
	Solo Singing	Offline	12:00 pm to 1:30 pm	Atrium
	Freestyle solo	Offline	2:00 pm to 3:30 pm	Atrium
Informals Category Head: Nishita Jagdale	Treasure Hunt	Offline	11:00 am to 2:00 pm	Campus
	Food-A-Thon	Offline	12:30 pm to 2:30 pm	Stilt Area
Fine Arts Fest Category Head: Sejal Chandgadkar	Nail Art	Offline	10:00 am to 11:30 am	PICA studio (Ground Floor)
	Creative Make-Up	Offline	10:30 - 12:00	S403 / S-404
	Mehendi	Offline	12:00 pm to 01:30 pm	S-401 / S-402
	Face Painting	Offline	12:30 pm to 02:00 pm	PICA studio
	Fluid Art Workshop	Offline	8:30 am to 12:30 pm	PICA studio (4th Floor)
Management Fest	Best Manager	Offline	10:00 am to 12:00 pm	Conclave I
	What's that brand?	Offline	12:00 pm to 02:00 pm	Conclave I
Literature Fest Category Head : Jaya Tripathi	Debate	Offline	10:00 am to 12:00 pm	Conclave II
	Spoken Word Poetry	Offline	10:30 am to 12:30 pm	G-403 (4th floor)
	Story Writing	Offline	10:00 am to 12:00 pm	G-401 (4th Floor)
	Elocution	Offline	1:00 pm to 03:00 pm	G-402
Technical Category Head: Tanishq Parkar/Bharati	Project Competition	Online	10:00 am to 04:00 pm	Online

Jagtap	Technical Treasure Hunt	Online	10:00 am to 04:00 pm	Online
Sports Category Head: Malhar Ghanekar	Futsal	Offline	9:00 AM - 5:00 PM	SYNTHETIC COURT
	Box Cricket	Offline	9:00 AM - 5:00 PM	MAIN GROUND
	Badminton (B)	Offline	9:00 AM - 5:00 PM	GYMKHANA
	Penalty (B)	Offline	9:00 AM - 5:00 PM	MAIN GROUND
	Neo Cricket	Offline	9:00 AM - 5:00 PM	L-501 CLASSROOM
	Hoola Hooping	Offline	9:00 AM - 5:00	S-507
Gaming Category Head: Hardik Jain	Rocket League 1v1	Offline	11:00 AM - 4:00 PM	G 601
	Fifa 1V1	Offline	11:00 AM - 4:00 PM	G-501
	WWE 1v1	Offline	11:00 AM - 4:00 PM	G-501
	Fifa Tournament	Offline	11:00 AM - 4:00 PM	G-501
	Minecraft	Online	11:00 AM - 4:00 PM	Online
	Stumble Guys	Online	11:00 AM - 4:00 PM	Online
	8 Ball pool	Online	11:00 AM - 4:00 PM	Online
	PES Mobile	Online	11:00 AM - 4:00 PM	Online
	BGMI	Online	11:00 AM - 4:00 PM	Online
	Valorant	Online	11:00 AM - 4:00 PM	Online
	Pokemon Unite	Online	11:00 AM - 4:00 PM	Online
	Bomb Squad (Online)	Online	11:00 AM - 4:00 PM	Online
Comedy Night with Akash Gupta			7:00 PM to 8:00 PM	Main Stage
Comedy Night with Harsh Gujral			7:00 PM to 8:00 PM	Main Stage

Day 5 (11/2/23)

Category	Event	Mode	Time	Venue
Performing Arts Category Head: Taha Siddiqui	Algerian Hustle (1 on 1)	Offline	11:00 am to 2:00 pm	Atrium
	Instrumental Music	Offline	10:00 am to 11:00 pm	Atrium
Informals Category Head: Nishita Jagdale	Murder Mystery	Offline	11:30 am to 2:00 pm	Campus
	Ptv Rowdies	Offline	11:00 am to 1:00pm	Auditorium
Fine Arts Fest Category Head: Sejal Chandgadkar	Fashion Styling	Offline	12:00 am to 1:30 pm	R 201
	T-shirt design	Offline	10:00 am to 11:30 am	S 403 / S 404
	Rangoli	Offline	12:00 am to 3:30 pm	S-403 / S-404 (4th Floor)
	Designing Interactive Space	Offline	10:00 am- 01:00 pm	PiCA Studio (Ground Floor)
Management Fest	Best Manager	Offline	10:00 am to 12:00 pm	Conclave I
	What's that brand?	Offline	12:00 pm to 02:00 pm	Conclave I
Literature Fest Category Head : Jaya Tripathi	Debate	Offline	10:00 am to 12:00 pm	Conclave II
	Spoken Word Poetry	Offline	10:30 am to 12:30 pm	G-403 (4th floor)
	Story Writing	Offline	10:00 am to 12:00 pm	G-401 (4th Floor)
	Elocution	Offline	1:00 pm to 03:00 pm	G-402
Technical Category Head: Tanishq Parkar/Bharati Jagtap	Competitive Coding Competition	Offline	10:00 am to 04:00 pm	S-108 Lab
	SportsTech Hackathon	Online	10:00 am to 04:00 pm	Online
Sports	Futsal	Offline	9:00 AM - 5:00 PM	SYNTHETIC COURT

Category Head: Malhar Ghanekar	Box Cricket	Offline	9:00 AM - 5:00 PM	MAIN GROUND
	Deadlift (B)	Offline	9:00 AM - 5:00 PM	GYMKHANA
Gaming Category Head: Hardik Jain	Rocket League 1v1	Offline	11:00 AM - 4:00 PM	G 601
	Fifa 1V1	Offline	11:00 AM - 4:00 PM	G-501
	WWE 1v1	Offline	11:00 AM - 4:00 PM	G-501
	Fifa Tournament	Offline	11:00 AM - 4:00 PM	G-501
	Minecraft	Online	11:00 AM - 4:00 PM	Online
	BGMI	Online	11:00 AM - 4:00 PM	Online
	Valorant	Online	11:00 AM - 4:00 PM	Online
	Pokemon Unite	Online	11:00 AM - 4:00 PM	Online
	8 Ball pool	Online	11:00 AM - 4:00 PM	Online
	Bomb Squad (Online)	Online	11:00 AM - 4:00 PM	Online
	PES Mobile	Online	11:00 AM - 4:00 PM	Online
Edm Night Sector 16			5:30 PM to 9:45 PM	Main stage

International Women's Day

International women's day is celebrated on the 8th March. It's a day when women are recognized and celebrated for playing various roles in different spheres of life. Women have a robust spirit which makes them excel in their fields. They contribute massively to the lives of their family members and the country.



On March 9th 2023, on the occasion of International Women's Day, PCE Students' Council conducted an Entrepreneurship Seminar in the Auditorium of Pillai College of Engineering under the direction of Faculty advisors.

The event started with a lamp lighting ceremony by Dr. Sandeep Joshi, Principal PCE, HOD's and the guest speaker Ms. Kripa Kandade, the Managing Director of Fykays Engineering Pvt. Ltd. The principal highlighted the significance of the day and described the plight of women at present through an elaborated speech.

Social event: Community Service Day and Uberrang

Community Service is when you do something for someone else without the intention of getting a reward. This service should benefit someone other than yourself and it should be done because you would like to help and not because you are required to. In the interest of the community, MES arranged COMMUNITY SERVICE DAY for underprivileged children and old-age personnel on 4th February 2023. Donations were collected from the students and numerous activities were

planned. Grand total of ₹13,500 was collected. This day was solely dedicated to the kids from various schools, orphanages and senior citizens from old age homes.



Students of Pillai college, volunteers and teachers gave their all to warm the cockles of everyone's heart. Different activities took place the whole day such as crafting, coloring, quiz competitions, drawing for kids, book donations and many other fun filled games for orphans.

There were unique activities and entertaining games such as musical chairs, singing, music and dance/drama events for our guests from old age homes. Their age was no barrier as they were all extremely energetic and full of life. Every participant was awarded with prizes and everyone held gifts as a token of memory. Kids and children were mettlesome and they vibrantly spent their day without any complaints. The community service day turned out to be very satisfying and emotional as everyone thoroughly enjoyed the entire day by truly being a part of loving, sharing and spreading joy. A mark of infinite bliss and satisfaction could be seen on their faces and the day ended by wishing everyone good health and care.

Uber Rang started in the evening with a vote of thanks to our Chairman and CEO of MES Dr. Vasudevan Pillai, Co-Founder, Chairperson, Management Board, MES Dr. Daphne Pillai and Deputy CEO Mr. Franav Pillai, by Ms. Celina followed by the introduction of our judges for the event.

The show started by the student anchors with an Introduction and went on with diverse performances including group dance performances, solo dances, group acting, Indian Classical dances, band performances and so on. The stage was set on fire by the mesmerizing performances



put together. All the talented participants enthralled the audiences by their amazing performances and left everyone spellbound. The mood set by UberRang was joyous and very positive. The beguiling event ended with price distribution to all the winners from different categories. All in all, UberRang 2023 was a great success like it is every year.

Social event: Nature Club Activities 2022-23

The Environmental Club of PCE in association with Panvel Municipal Corporation, NSS and Infinity Foundation organized an activity “Environment Awareness Rally” on 29th April, 2023 between 9.00 a.m. to 12.00 p.m. from PCE College campus to around the nearby areas of New Panvel. The route map for rally was as follows: PCE Campus--CKT College--Kalimata Mandir--Ayyappa Temple--Adai Circle--Shiva Complex--Panvel Head Post Office--Abhyudaya Bank---Panvel Railway Station-- PCE Campus.



The objective of the event was “Awareness on Environmental Importance” and “Save the Earth” and to create awareness among the students as well as local residents for Environmental protection. There were 500 students and 100 staff participating under the guidance of Dr Surabhi & Prof. Sonali Nikam. The rally was started by holding placards and continued by shouting slogans. The rally spread the message to maintain greenery and also clean surroundings by recycling waste in the campus and also in the society. The best placards were awarded with cash prizes.

Notable Achievements

AICTE IDEA Lab

AICTE has sanctioned the AICTE IDEA Lab project to Pillai College of Engineering, New Panvel. PCE is the only college in Navi Mumbai now to receive this project. AICTE-IDEA (Idea Development, Evaluation & Application) Lab will be established at Pillai College of Engineering for encouraging students towards application of Science, Technology, Engineering and Mathematics (STEM) fundamentals with enhanced hands-on experience, learning by doing and even product visualization.



As a common facility embedded in the institution, the IDEA Lab will make Engineering Graduates more imaginative and creative, besides getting basic training in the 21st century skills like - critical thinking, problem solving, design thinking, collaboration, communication, lifelong learning.

IIC 4 Star Rating



IIC Pillai College of Engineering has been awarded 4 Star Rating with a score of 97.75/100 for activities in Institutions' Innovation Council 4.0 (2021 - 22). Annual performance was announced on 8th December 22. IIC PCE has always been a top performer in all IIC activities in AY 2021-22.

NIRF Innovation Ranking

Pillai College of Engineering is ranked in the top 151-300 Engineering colleges all over India in NIRF-Innovation (formerly ARIIA) Rankings 2023 announced on 5th June, 2023. Pillai College of Engineering is one amongst the 20 private colleges in Maharashtra to achieve position in top 300.



IIC Regional Meet

The regional meet of the Institution's Innovation Council (IIC) was held on August 1, 2022, at Symbiosis International (Deemed University) Lavale campus in Pune in coordination with the Innovation Cell of the Ministry of Education, Government of India. Dr. Abhay Jere, Chief Innovation Officer (CIO), Ministry of Education, Government of India, graced the occasion as the Chief Guest. The mega event had more than 500 delegates, including Dr. Ajeet Singh, Regional Officer and Assistant Director of AICTE, Western Regional Office, delegates from AICTE and the Ministry of Education's Innovation Cell, entrepreneurs, and faculty members from colleges across Western India. IIC President, Dr. Avinash Vaidya along with Dr. Arun

Pillai, Dr. Divya Padmanabhan and Dr. Richa Agrawal participated in the meet. Institute's Innovation Council of Pillai College was one out of three (amongst 250+ participating Institutions) invited to present its IIC Journey at the IIC Regional Meet. IIC PCE also bagged the Best Poster Award. The meet proved to be a grand confluence of ideas, innovations and insights.



PCE Representatives receiving Best Creative Poster Award



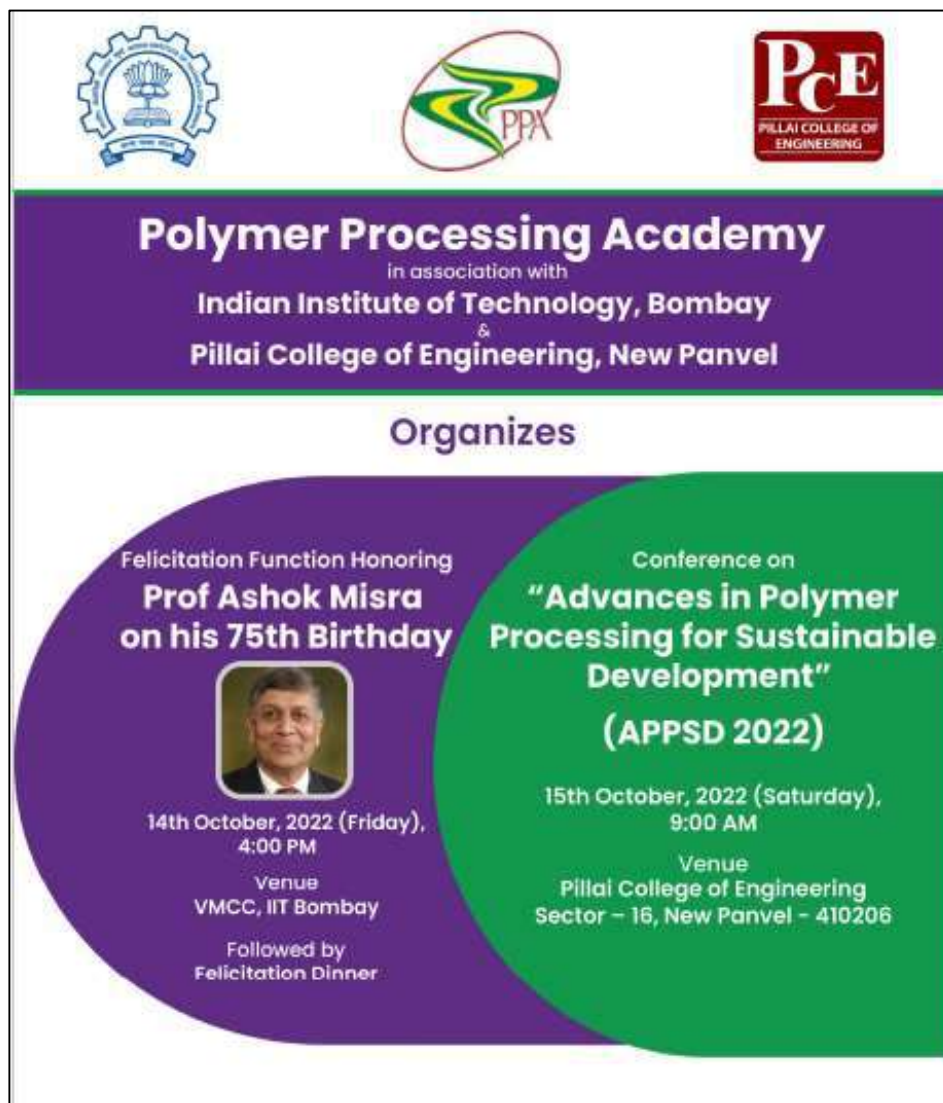
Internshala Annual Ranking




The Institute secured the All India Rank 62 and among 500+ colleges, participating in Internshala Annual Ranking for the year 2022. It helped the students to find internships throughout the year.



Conference on “Advance in Polymer Processing for Sustainable Development”

The Pillai’s college of Engineering collaboration with Indian Institute of Technology organized a conference on “Advance in Polymer Processing for Sustainable Development”, APPSD on 15th October, 2022.




Polymer Processing Academy
in association with
Indian Institute of Technology, Bombay
&
Pillai College of Engineering, New Panvel

Organizes

Felicitations Function Honoring
Prof Ashok Misra
on his 75th Birthday



14th October, 2022 (Friday),
4:00 PM
Venue
VMCC, IIT Bombay
Followed by
Felicitations Dinner

Conference on
“Advances in Polymer Processing for Sustainable Development”
(APPSD 2022)

15th October, 2022 (Saturday),
9:00 AM
Venue
Pillai College of Engineering
Sector – 16, New Panvel – 410206



One Day Seminar on Technologies for Future Cities

One-day seminar on Technologies for Future Cities was conducted on Tuesday, 8th November, 2022. Pillai College of Engineering has taken a timely lead and has started a series of conferences on “Technologies for Future Cities”. The themes for the one-day seminar were (i) Cyber Security (ii) 5-G Communication and (iii) Renewable energies. The experts in the above topics delivered plenary talks in the morning session. In the afternoon session, there were posters covering the above themes. The program schedule was as follows:

Venue: Conclave 2, 6th Floor

Time	Activity	Speaker/ Session
09.00 – 09.45	Registration	
10.00 – 10.15	Inauguration	
10.15 – 11.00	Plenary Talk 1	Shri Nikhil Mahadeshwar (Cyber Secured India, Mumbai) <i>Title: Need of Cyber Security and Digital Forensics in Future Cities</i>
11.00 – 11.45	Plenary Talk 2	Shri Akhilesh C. Srivastava (Director, R & D and Product Management, Grok Learning Private Ltd, Sion, Mumbai) <i>Title: 5G NR - Indian Challenges and Solutions</i>

11.45 – 12.30	Plenary Talk 3	Dr. P. K. Patro (Powder Metallurgy Division, Bhabha Atomic Research Centre, Mumbai) <i>Title: Hydrogen the Future of Green Energy: Role of Nuclear Power in Clean Energy Transition</i>
12.30 – 12.45	Concluding Session	
12.45 – 13.00	Vote of Thanks	
13.00 – 14.00	Lunch Break	
14.00 – 15.30	Poster Session	



Mahatma Education Society's
 Pillai College Of Engineering (Autonomous)
 (NAAC A+ Accredited, ARIIA Band Performer, Highest Rated IIC)
 Dr. K. M. Vasudevan Pillai Campus
 Sector 16, New Panvel, Navi Mumbai – 410206, Maharashtra, India.



One day seminar on

Technologies for Future Cities



Nikhil Mahadeshwar
 Founder
 Cyber Secured India, Mumbai



Akhilesh C. Srivastava
 Director, R & D and Product Management
 Grok Learning Private Ltd. Mumbai



Dr. P. K. Patro
 Powder Metallurgy Division, Materials Group
 Bhabha Atomic Research Centre,
 Vashi Complex, Navi Mumbai

Date: 8th November 2022 Time: 10:00 A.M.
Venue: Conclave - 2, 6th Floor



C
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2022



DST Inspire Faculty Fellowship Review Meeting

Department of Science and Technology (DST), Government of India's INSPIRE Faculty Fellowship Review meeting was held on 16-17th January 2023 at Mahatma Education Society's Pillai College of Engineering (Autonomous) Dr. K.M Vasudevan Pillai Campus, New Panvel. This was the first offline review meeting after COVID pandemic. PCE has hosted a review meeting for such scholars and also hosted residential Inspire Camp for Jr. College students prior to pandemic. Considering the past experience and the best infrastructure DST has asked PCE to host this important and prestigious meeting in offline mode first time after COVID pandemic. About 140 faculty fellows from various well reputed institutions and research labs of all over India working in the subject areas like Chemical sciences, Physical Science, Mathematical Science, Earth and Atmosphere science, Life Science and biomedical have presented their respective research work before the respective panels of six eminent scientists from world renowned institutes and research labs. The review panel for Mathematical Sciences was chaired by Prof M J Mahan from TIFR and Dr Preeti Wanti Srivastava (University of Delhi), Prof Sudesh Kaur (IISER, Mohali), Dr Arvindkr Misra (BHU, Varanasi), Dr S Akshay (IITB) and Dr Powle (University of Mumbai) were the members. For Physical Sciences Prof Amlan Pal (UGC-DAE, Indore) was the chair and Prof G C Anupama (IIA, Bangalore), Dr Sanjay Kumar (BHU, Varanasi), Dr Kuntala Bhattacharjee (IISST, Trivandrum), Prof Shanti Bhattacharya (IIT, Chennai), Prof Srubabati Goswami (PRL, Ahmadabad), and Prof LS Tribedi (TIFR) were the members. The Chemical Sciences group was chaired by Prof R Murugavel (IITB) along with the members Dr T Govindraju (JNCASR, Bengaluru), Dr Radha Ramchandran (Anna University), Dr Kuldeep Singh (Amity, Gwalior), Dr Pavan Kumar T (IMMT, Bhubaneshwar), Prof Rahul Jain (NIPER, Punjab), Dr Subramanyan (IIT, Chennai), Dr Anupama Datta (DRDO, Delhi). The panel for Earth and Atmospheric Sciences was chaired by Dr VM Tiwari (NGRI) and the members were Prof Y P Sundriyal (CU, Uttarakhand), Dr Maria Judith (NIO, Goa), Dr Binoy Kumar Saikia (CSIR-NEIST, Jorhat), Dr Ganappaham L (IISST, Thiruvananthapuram). Dr Subeer Majumdar (NIAB, Hyderabad) was the chairperson for Life Sciences and Biomedical group and evaluated the work of the researchers along with the members Prof P Chakrabati (IICB, Kolkata), Prof Sangita Mukhopadhyay (CDNSFD, Hyderabad), Dr Biju Viswanath (NIMH&NS, Bangalore), Dr Garathri P (IISER, Pune) and Dr Srabani Mukharjee (IITB)

Dr Namita Gupta, Head Inspire Division of DST was very delighted to be on campus and interact with the faculty fellows in person after long time. She has appreciated the efforts put in by the organisation team. She mentioned that the institute has world class infrastructure and has a potential to be known as institute of eminence in near future. Dr Bipin Joshi who visited the campus second time has mentioned noticed and mentioned the positive developments in the institute. The COO of MES Dr Priam Pillai mentioned that this two day event was the feast on campus to know the latest research trends in science and technology and it was a great opportunity to interact with the scientists and researchers across India.

Dr. Nivedita Shreyans of Pillai Group of Institutions and the Program Coordinator said that hosting such meetings and programs are providing opportunities to our faculty and students to

interact with eminent scientist, researchers and professionals in the field of Science and Technology. Dr Ruckmani Arunachalam the incharge of this meeting from DST was very happy with the event management skills of Dr. Biswajit Panda the Faculty Coordinator for this meeting and his team of 15 faculty members and 50 NSS volunteers to assist Dr Ruckmani during this meet.



Times ASCENT Skill Development Leadership Award



PCE received the Times ASCENT Skill Development Leadership Award on 15th Feb 2023.

Lokmat Navi Mumbai and Panvel Gaurav Award 2023



The "Pillai Group of Institutions" received the prestigious Lokmat Navi Mumbai and Panvel Gaurav Award 2023 on 28th Feb 2023.

Seminar on Packaging Challenges



Dr. K M Vasudevan Pillai was invited as a chief guest for Seminar on Packaging Challenges organised by IFCA and PROPACK India at the Bangalore International Exhibition Centre on 22nd September, 2022.

MoUs



Institute signed the MoU with Go Green Technologies Pvt Ltd, a SP-TBI (Sardar Patel Technology Business Incubator) for Collaborative Work in research and development in Interdisciplinary Engineering. Along with technology applications or product development exposure, this MoU will be giving internships as well as training opportunities to our students and faculty. Laboratory facilities available at SPIT can be now used by PCE students and staff. Go Green Technology Pvt Ltd donated a few experimentation kits, related to Electronics, IoT, Electrical, sensor capabilities etc. This MoU shall try to bridge the gap between theory and activity based learning and enable minds to think, create and make their own applications/products.



A MoU was signed with SIKCO Pvt. Ltd. for Internship opportunities, Knowledge Sharing and Exchange of Facilities in the field of Renewable Energies. SIKCO (Sustainable Innovation, Knowledge for Cost Optimisation). The company has done projects of repute with Bajaj, Reliance, Mumbai Metro, Indian Railways, Shahpoorji Pallonji, Indian Oil and many more. PCE Students will get the opportunities to work on live projects in the field of Renewable Energy under this MoU. The MoU is signed in the presence of Mr. Milton Sikder, CEO- SIKCO Pvt.Ltd.



MOU was signed with Utpnn Greentech Pvt Ltd with an objective to collaborate on mutually beneficial research activities for enhanced teaching - learning as well as industry benefits. This Collaboration would help to arrange internships, research projects, seminars,

workshops, industrial visits and placements. Utpnn Greentech Pvt Ltd is in the business of Green Hydrogen Technology and offers EPC solutions for Green Hydrogen Production Plants, Refueling Stations, FCEV (Fuel Cell Electric Vehicles) Design & Engineering, Renewable Energy Plants Engineering & Construction, Fuel Cell for Power Supply.



SN	Name of the institution/ industry/ corporate house	Month and Year of signing MoU
1	Sandevin Analytics	December, 2022
2	Thinkerstation Pvt.Ltd.	October, 2022
3	Tristha Global Pvt. Ltd. Mumbai	March 2023
8	Paras Anti-Drone	January 2023
9	SIKCO	September 2022
10	Go-Green	September 2022

Copyrights & Patents

Patents

Title
An efficient system to monitor the cultivation of crop patterns based on soil fertility using Deep Learning techniques
SDN Enabled Secure Framework for IoT using Dynamic Counter-Based Approach and Deep Learning Model
Automatically renaming the downloaded paper PDF with the paper name and its year of publication
Method for Storage and Processing of Geospatial Data for Efficient Rendering and Visualization on a server

Copyrights

Title of the invention	Registration No
Dataset for Awareness and Evolution of Cryptocurrency in India	L- 113528/2022
Datasheet for Web application Vulnerabilities	L-114920/2022
FoodMate: Social networking Web application	Diary Number: 3157/2022-CO/L Under Process
Datasheet for Web application vulnerabilities	Diary no. 51652022-CO/L Under Process

Algorithm for dataset preparation for early detection of nastiness and signs of cyberbullying content in online social media	Diary No. 2666/2022-CO/L Under Process
Agrow: Ecommerce Solution For Agriequipments And Fertilizers	Diary No. 8227/2022-CO/SW Under Process
Sugarcane Plant Disease Dataset	Diary No. 8116/2022-CO/L Under Process

Funding and Research Grants

- Society of Women Engineers- Pillai College of Engineering (SWE-PCE) has received funds of USD 750. The fund will be utilized to conduct the SWE-PCE STEM activities at PCE specifically for girl students. SWE-PCE is entitled to receive the funds (USD 750) every year to conduct the activities.
- Dr Nitesh Agrawal received a project grant of Rs 5 lakhs for project title - Impact of waste on society and development of integrated (collection, segregation, compression, data collection and decomposition of waste) waste management system by Indian Council of Social Science Research (ICSSR)
- Dr Malavika Sharma received a project grant of Rs 3,71,742 for the project title - Enhancing Coherence and Cohesion in Academic Writing: An Essential 31st Century Meta cognitive Approach by Indian Council of Social Science Research (ICSSR)
- IQAC PCE has been awarded a financial grant of Rs. 50,000/- by NAAC (An autonomous institute under UGC), through its Margda Scheme (Hand Holding and Mentoring Cell - HMC). This grant is aimed at providing guidance and support to various Higher Education Institutions (HEIs) to enhance their accreditation prospects.

Faculty Achievements

Dr. Priam and his team launched the Swachh Bharat Abhiyan online app in Panvel Municipal Corporation. The first ever-online app in any municipal corporation in Maharashtra. The app was launched by Shri Ganesh Dèshmukh municipal commissioner of PMC along with Dr. Priam Pillai's valectus Team. The app was very well appreciated by the corporation and press fraternity.

नवराष्ट्र

एक पाऊल पुढे...• पिल्लई महाविद्यालयाचा पुढाकार; पायाभूत सुविधांची स्थितीही समजणार

स्वच्छतागृहांच्या माहितीसाठी 'स्वच्छ हर कदम'

प्रधान शोधपत्र | नवराष्ट्र पनवेल. स्वच्छतागृहांच्या माहितीसाठी महापालिकेचे 'स्वच्छ हर कदम' मोबाईल ॲप महानगरपालिकेने आणुन गणेश देशमुख यांच्या निदेशानुसार स्वच्छतागृहांची स्थिती देणारे स्वच्छता हर कदम हे मोबाईल ॲप सुरू केले आहे. हे ॲप व्हॉट्सअप ग्रुपवरील लिंकवरून विक्रीसाठी केले आहे. महानगरपालिकेच्या वेबसाइटवर पिल्लई कॉलेज ऑफ इंजिनिअरिंगमध्ये स्टार्टअपचा पायाभूत ॲप विक्रीसाठी केलेले आहे. स्टार्टअप सारखा कार्यसंभोगाने महासुधू स्टेट इनोव्हेशन सोसायटीने बासडी निधी दिले आहे.

यावेळी उपायुक्त पवन पवार, महासुधू अणुपुन डॉ. वैभव विभागे, हितोम जेशी पिल्लई इन्जिनिअरींग कॉलेजचे मुख् य ॲडिप्टिग ॲडिंसर प्रियम पिल्लई, जनसंर्क ॲडिंकारी डॉ.विवेदिता शेंवोरा, प्राध्याक करद

मोबाईल ॲपमध्ये जिओफेन्सिंग कार्यप्रणाली

या मोबाईल ॲपमध्ये जिओफेन्सिंग कार्यप्रणाली आहे. जे रोजगारक्षेत्राच्या रिजल्ट देणाने माहितीसाठी प्रत्येक सुविधा कळवण्याची मदत करतो. या ॲपमध्ये नवून मिळणान्या माहितीच्या अधारे रोजगार क्षेत्रातील मिळणार आहे. एम्प्लोय्मन्ट डेव्हलपमेंट मन्त्रालयाकडून प्रोत्साहन मिळालेले आहे. प्रत्येक सुविधा कळवण्याची मदत करतो. या ॲपमध्ये नवून मिळणान्या माहितीच्या अधारे रोजगार क्षेत्रातील मिळणार आहे. एम्प्लोय्मन्ट डेव्हलपमेंट मन्त्रालयाकडून प्रोत्साहन मिळालेले आहे.

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Student Achievement

PCE's Rohan Nair and Aditi Shetty from Computer Engineering Department bagged the 3rd position and a cash prize of INR 10000 at the District level event Startup Bootcamp, an initiative of Maharashtra Government.



Grand Finale of Software Edition of SIH 2022: Four teams from Pillai College of Engineering were selected to compete in the Grand Finale of Software Edition of SIH 2022 , out of which two teams: “Team Homebrew” and “Team SARBOT” were winners with First Prize Rs. 1,00,000/- and Rs. 75,000/- in software and Hardware track respectively.



Team Homebrew

Team Homebrew provided a solution for the problem statement “Extraction of Data including voice and images from various social Media platforms from Disaster struck areas”, which was floated by NDRF. Prof. Jinesh Melvin was mentor of the Team.



Team SARBOT

Team SARBOT was a Hardware team under the Student Innovation category. They worked on “Design an amphibious spherical robot for search and rescue operations”

BE Mechanical students, Rahul Kotavadekar, Shubham Shinde, Akshay Ajayakumar and Jyothish George under mentorship of Dr Divya Padmanabhan got the Second runner up award at the Innovation Pavilion of the ASM international (India Chapter) Conference and Exhibition on Materials Engineering and Technology. They had presented their work on Self Cleaning Glasses at the pavilion.They got a cash prize of Rs. 20000/-. The event was held at Bombay Exhibition Center at Goregaon from 2nd-4th November 2022.



Miss. Prapti Kinare from TE IT was felicitated by Hon. Chief Minister Sh. Eknath Shindeji, on 16 November 2022 for her outstanding sports achievements in the year 2022.



Her achievements are

- ★ 36th national games from 24th September to 12 October 2022 which was held at Ahmedabad, Gujarat
- ★ Secured gold medal in artistic group event and silver medal in artistic pair event
- ★ 2nd senior State yogasana sports championship
- ★ Secured 1st- artistic pair and 3rd rank - rhythmic pair
- ★ 2nd senior National yogasana sports championship from 29th March to 1st April 2022 which was held at Ahmedabad, Gujarat.
- ★ Secured silver medal in artistic pair event and gold medal in artistic group event.
- ★ 3rd senior State yogasana sports championship on 1st to 3rd November 2022.
- ★ Secured 1st place in artistic pair and 1st place rhythmic pair event.
- ★ Selected for 3rd National yogasana sports championship which is going to be held in Udaipur, Rajasthan from 12th Jan to 16th Jan 2023
- ★ University of Mumbai :Inter- collegiate yoga competition 2022 :Secured 1st place
- ★ University of Mumbai :Inter- zonal yoga championship 2022 :Secured 2nd place

- ★ Selected for All India inter- university yoga competition 2022 which was held in Bhubaneswar, Odisha from 26th to 31st December

Chess teams from PCE won the Mumbai University (Konkan Region) Inter Collegiate Chess championship held at Alibaug.

- The PCE Team secured 2nd position in the Team Category for Male. Participants were Abhishek Potare - TE IT, Aditya Kale - FE, Abhishek Ajithkumar - TE COMP, Varad Page - SE COMP, Sahil Nikam - SE COMP, Vinit Jha - SE COMP
- Abhishek Potare from TE IT has secured 3rd position in the Individual's Category for Male
- PCE Team secured 2nd position in the Team Category for Female. Participants were Rutuja Mane - SE IT, Mrunal Shedge - TE IT, Prachi Mane - TE IT, Vardhanika Jagtap - TE IT, Reshma Yadav - SE IT.
- Abhishek Potare and Rutuja Mane have been selected for the subsequent round, Mumbai University Inter Zonal Chess Tournament . It will take place on September 12–13, 2022, at L S Raheja College Santacruz in Mumbai.



Parth Yadav won Silver Medal at University Level Story Writing competition (Marathi) held on 17th August 2023. Priyanka More Yadav won Bronze Medal at University Level Cartooning (Fine Art) 55th Intercollegiate Department Youth Festival's competition held on 29th September 2023



University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

Result of 55th Inter-Collegiate/Institute/Department Youth Festival (Final Round):
2022-23
(College-wise)

Pillai College of Engineering, New Panvel (Points: 3, Position: 19)

Sr. No.	Section	Event	Rank	Points
1	Literary	Story Writing Group A (Marathi)	SECOND RANK	2
2	Fine Art	Cartooning	THIRD RANK	1

Mandar Mhatre won Bronze Medal at University Level Zonal Basketball competition held in November 2023

