

**Mahatma Education Society's
Pillai College of Engineering**
Autonomous College Affiliated to University of Mumbai

Institution's Innovation Council 4.0



ANNUAL REPORT 2021-22



Highest Rating Certificate for the Year 2020 - 21



PCE has established Institution's Innovation Council (IIC) as per the guidelines of 'MoE's Innovation Cell (chanism, MIC)' in the year 2019. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish a functional ecosystem for scouting ideas and pre-incubation of ideas and to develop better cognitive ability for technology students. PCE IIC is actively involved in organizing and conducting seminars, workshops, field trips, project exhibitions, entrepreneurship bootcamps, Idea competitions etc. for its students and faculties.

After the success of IIC 2.0 and IIC 3.0, the Institution's Innovation Council up-gradation meeting was held on 1st October, 2021. The meeting was called upon by IIC President Dr. Avinash Vaidya to congratulate all for attaining the highest Star Rating for the academic year 2020-21 and plan the activities for the First Quarter for the year 21-22. The IIC member details for the academic year 2021-22 are as follows:

Faculty Members	Member Type	Role on Committee
Dr Sandeep Joshi	Faculty	Head of the Institution
Dr Priam Pillai	Faculty	Convener
Dr Avinash Vaidya	Faculty	President and ARIIA, NIRF Coordinator
Dr Richa Agrawal	Faculty	Vice-President and 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
Mr Lalit Mehta	Faculty	Social Media Coordinator
Dr Celina Joy	External	Member: Incubation Center
Susanna Cherian	External	Member: Incubation Center
Adarsh Rai	Student	Innovation Coordinator
Raj Sachin Patil	Student	Startup Coordinator
Sonu Mondal	Student	Internship Coordinator
Jatin Chaudhari	Student	IPR Coordinator
Aditya Chitnis	Student	Member
Neil Rajesh Chonkar	Student	Social Media Coordinator
Franav Pillai	External	Entrepreneur
Munawira Kotyad Pillai	External	Entrepreneur
Dr. Arun Pillai	Faculty	Entrepreneur



Highlight Achievements:

- Selected to present for a Knowledge sharing session on IP and Technology Transfer at the IIC Regional Meet at Symbiosis International (Deemed University), Pune.
- Received Best Creative Poster Award at IIC Regional Meet
- Selected as a Mentor Institute (One among 50 selected institute over the nation with Financial Aid) for the Mentor-Mentee Program of IIC, MIC for the academic year 2021-22
- All mentee Institutes are performing very good and selected to conduct Impact Lecture Series
- Three ATL schools linkages accepted invitation
- Two Institutions referred for IIC accepted invitation
- PCE incubated Valectus Pvt. Ltd. won the Maharashtra startup week award 2020
- 10 Innovation Ambassadors. 7 completed Advanced Level (Basic and Advanced)
- Total 35 Sessions Delivered by IAs
- Registered for Section 8.

Mentor Mentee Program:

PCE IIC was selected as a mentor institute for the Mentor-Mentee Program of IIC, MIC for the academic year 2021-22. The Mentor-Mentee 2021-22 is a twinning program for IIC institutions designed to facilitate knowledge exchange and resource mobilization between IIC institutions by offering inter-institutional collaborations and peer mentoring support during the IIC 4.0 calendar year (Oct 21 - March 22). Twinning was made in the ratio of 1 Mentor IIC institution with 5 Mentee IIC institutions. The mentee institute under PCE were:

1. Anjuman-I-Islams School of Engineering and Technology Atanjuman-I-Islam Kalsekar Technical, Navi Mumbai
2. Sandip Foundation's Sandip Institute of Technology & Research Centre, Nasik
3. Don Bosco Institute of Technology, Mumbai
4. MGM Dental College, Kamothe, Navi Mumbai
5. Terna Public Charitable Trust's Terna Engineering College, Navi Mumbai.

PCE received a grant of Rs. 2,25,000 (Rs. Two Lakh Twenty Five Thousand only) from MIC/AICTE to provide mentoring and handholding support to mentee institutions by organizing a set of prescribed activities for mentee institutions and enabling them to lead and streamline campus I&E ecosystems. Dr. Richa Agrawal was the Program Coordinator for this scheme. All prescribed activities were successfully conducted as per the requirement of the Mentor-Mentee Program.



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. The activity planner of each quarter and brief details of each activity are mentioned below.

Activity Planner for Quarter I September to November, 2021

Thrust Area: Inspiration, Motivation and Ideation

SN.	Activity	Date	Social Media	Association With
1	Council Meeting	1st Nov	Link	–
2	National Education Day	11th November	Link	–
3	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	13th Nov	Link	ETSA
4	Session on "Startup Mindset"	15th November	Link	AESA MESA
5	My Story - Motivational Session by Successful Innovators	22nd Nov	Link	–
6	Session on Problem Solving and Ideation Workshop	4th December	Link	–
7	Exposure and field visit for problem identification	9th December	Link	ISHRAE
8	Talk on "Leadership for Youth" by successful Entrepreneur	6th October	Link	COMP & IT



National Education Day

Mahatma Education Society's
Pillai College of Engineering
(NAACA+ Accredited, 5 Star IIC, ARIIA Band B)

National Education Day
Talk on
FUTURE OF UNDERGRADUATE EDUCATION

3.30 PM
NOVEMBER 11, 2021
Prof. B. N. Jagatap
Professor, IIT Bombay

Dr. B.N. Jagatap superannuated as Distinguished Scientist and Director of Chemistry Group of Bhabha Atomic Research Centre in 2016 and joined as senior professor at the Department of Physics, Indian Institute of Technology Bombay. Since 2017, he has been associated with a number of committees and councils related to higher education. He has co-authored a book, 'Re-engineering Higher Education in Maharashtra' published in 2019. Currently, he is Chairman of the Governing Council of S.N. Bose National Institute of Basic Sciences (Kolkata) and Chairman of the Research Council of National Institute of Science Communication and Policy Research (New Delhi).

My Story - Motivational Session by Successful Innovators

Mahatma Education Society's
PILLAI COLLEGE OF ENGINEERING

In association with
INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

(Autonomous)
(Accredited 'A+' by NAAC, 5 Star IIC, ARIIA Band B)

presents
Interactive Session
With Innovator

SESSION -SPEAKER
Er **SALIM JAFRI**
Proprietor **bombay bots**

22 NOV 21
6.00 Pm onwards



Session on Problem Solving and Ideation Workshop

A session on Problem Solving and Ideation Workshop was organized on 4th December, 2021. First talk was given by Prof. Deepti Lawand on Design Thinking and Business Plan. It emphasized on how these stages work and how designers can use it to organize their thoughts in order to improve the creative process. The talk was very interesting and motivational for the students. The second talk was given by Prof. Sonali Kathare on Business Plan Writing. The talk focussed on how to convert your ideas to write a Business Plan and about the different elements of the Business Plan. Such sessions really motivate students to think differently and go ahead with their ideas to write down the Business Plan.

PCE
PILLAI COLLEGE OF
ENGINEERING

INSTITUTION'S
INNOVATION
COUNCIL
UNIVERSITY OF MUMBAI

MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING, NEW PANVEL
AUTONOMOUS COLLEGE AFFILIATED TO UNIVERSITY OF MUMBAI
NAAC A+ ACCREDITED

PROBLEM SOLVING AND IDEATION

PROF. DEEPTI LAWAND
INNOVATION AMBASSADOR

PROF. SONALI KATHARE
INNOVATION AMBASSADOR

DATE: 4TH DECEMBER 2021
TIME: 4.00 - 5.00 PM



Activity Planner for Quarter II
December 21 to February 22

Thrust Area: Validation and Concept Development

SN.	Activity	Date	Social Media	Association With
1	Council Meeting	17th Jan		–
2	Talk on IPR, Patent Filing and Research Proposals	6th Dec	Link	–
3	Session on 'Failure in Startups'	7th Dec	Link	PCIE
4	National Energy Conservation Day(India)	14th Dec	Link	–
5	e-symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions	11th & 12th Jan	Link	MIC
6	Orientation Session on IIC 4.0	24th Jan	Link	MIC
7	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercilation of Lab Technologies & Tech-Transfer"	2nd Feb	Link	–
8	Session on Achieving Problem-Solution Fit & Product-Market Fit	24th Feb	Link	–
9	Session on 'What you need to know about personal finance'	24th Feb	Link	IT & EXTC
10	Session on 'Innovation & Design Thinking'	25th Feb	Link	–
11	Session on 'The Start Up Route'	25th Feb	Link	–
12	Workshop on Design Thinking, Critical thinking and Innovation Design	28th Feb	Link	–
13	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development	28th Feb	Link	–
14	Field/Exposure Visit to Pre-incubation units such as Fab lab, Makerspace, Design Centres, City MSME clusters, workshops etc.	28th Feb	Link	AESA MESA
15	Workshop on 'Innovation and Entrepreneurship'	28th Feb	Link	–
16	National Science Day	7th March	Link	ASMH



Talk on IPR, Patent Filing and Research Proposals

Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, 5 Star IIC, ARISA Band B)

TALK ON
IPR, PATENT FILING AND
RESEARCH PROPOSALS

EXPERT | **DR B K SARKAR**
PROFESSOR, COMPUTER
ENGINEERING, PHCET

WHERE | **CONCLAVE**
PILLAI COLLEGE OF
ENGINEERING, NEW PANVEL

WHEN | **MONDAY, DECEMBER 6**
STARTING 11:00 AM

The event started with a welcome address by the host in the presence of the principal Dr. Sandeep Joshi and speaker Dr. B. K. Sarkar. Dr. B. K. Sarkar has done his Post Doc. from Singapore and completed Doctorate in Computer Science from IIT. He is a founder of GEH Research LLP, ADBIGA, Innovation LPP. The session was very interactive and concluded with a formal vote of thanks. The participants gained knowledge about the various steps involved in the patent filing procedure.



Failure in Startups

The talk was mainly for the participants of the Business Plan Competition 2021-22. The session focused on the areas where the startups are likely to overlook during the course of business thereby leading to its failure. The speaker shared several experiences from his personal life with the students.

Mr. Anand Khandekar is CEO and Founder Director of Validus Analytics LLP in Pune. He is an Alumni of MIT pune. He was a part of many national and International projects.



PILLAI CENTRE OF INNOVATION AND ENTREPRENEURSHIP
In association with
Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, Highest Rated IIC, ABIA Band B)

Failure in Startups

A person who never made a mistake never tried anything new. - Albert Einstein

7 DECEMBER 2021
Starting 6 pm

ZOOM LINK TO JOIN

INSTITUTION'S INNOVATION COUNCIL
Pillai College of Engineering
Autonomous

Anand Khandekar
CEO, Founder Director
Validus Analytics LLP

To name few it includes, Tie up with PENN STATE university, programme in Machine learning and Robotics for Indian engineering students at STEVENS INST of TECHNOLOGY, Hoboken, New Jersey, projects in Advanced IOT applications in Collaboration with WEARABLE ROBOTICS LAB , Stevens Institute, New Jersey. He has worked on a project for Simulated Human tissue growth for 3D printed scaffold at Texas Tech university, Designed and installed a COMPUTER VISION based Quality inspection product for PARI ROBOTICS at FORD motors plant in Michigan USA. He has also delivered invited talks at many national and international events on his expertise.

National Energy Conservation Day

Pillai College of Engineering
Autonomous

National Energy Conservation Day

14th December 2021
Time - 6 pm

Mr. Rajesh Deshpande
Director- Energetic Consulting Pvt. Ltd
[Click here to join the Webinar](#) **zoom**

INSTITUTION'S INNOVATION COUNCIL
Pillai College of Engineering

Dr. Rajesh Deshpande is an energy management professional for 25+ years. He is into structuring of techno-commercial energy projects and financing energy efficiency. He specialties in Designing of Waste2Energy, agro-residue based fuels based renewable energy projects etc. Dr. Rajesh Deshpande tried to explain the importance of energy management and also how engineering skills can help to attain it.



Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercilation of Lab Technologies & Tech-Transfer"

The image shows two documents side-by-side. On the left is a webinar poster for 'Process of Innovation Development' held on February 2nd, 2022, at 4:00 pm onwards. The poster features logos for Pillai College of Engineering, Intellectual Property India, Azadi Ka Amrit Mahotsav, and NIPAM. It lists speakers Pratik Sharad Hendre and Anshul Verma, both officers under the Ministry of Commerce and Industry at the Indian Patent Office. A 'REGISTER NOW' button and a 'Click to Register' link are visible. On the right is a 'Certificate of Appreciation' from the Government of India, Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, Office of the Controller General of Patents, Designs and Trade Marks. The certificate recognizes Pillai College of Engineering for its active participation in the National Intellectual Property Awareness Mission (NIPAM) during the 75th anniversary of independence. It is signed by the Controller General of Patents, Designs & Trade Marks, dated March 04, 2022.

A Webinar on “Process of Innovation Development” was organized in Association with Intellectual Property INDIA under ‘Azadi ka Amrit Mahotsav’ and ‘National IP Awareness Mission’. The session will also streamed on MES official youtube Channel. Mr. Anshul Verma gave a brief idea of Patents followed by its timeline, various forms and the patenting process. Mr. Pratik Hendre talked about copyrights. All the queries of the participants were well addressed by both the speakers. The participants were able to understand the patenting process.

Session on Achieving Problem-Solution Fit & Product-Market Fit

Mr. Sagar Chandni briefed about the strategies to attain a product fit for market. He explained the strategies as how to identify the real problem and use various techniques like the business canvas model to analyze and reach the solution. Mr. Nischal Kapadia explained the financial aspects to be taken care of in order to deliver a market fit product. Both sessions were very interactive. The participants came to know about the fundamental essentials to build a startup and also about the 'investors' perspective and fundamentals to raise seed investments.



Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, Highest Rated IIC, ARIIA Band B)

IIC Pillai College of Engineering
under the
Mentor-Mentee Scheme
Organises a Session for
Anjuman-I-Islam's School of Engineering and Technology
Sandip Institute of Technology & Research Centre
Don Bosco Institute of Technology
MGM's Dental College and Hospital &
Terna Engineering College

**ACHIEVING PROBLEM-SOLUTION FIT &
PRODUCT-MARKET FIT**

February 24, 2022 4.00 PM

Mr. Sagar Chandni
Head, Centre for Incubation and Business
Acceleration (CIBA) || Mentor at Startup India

Mr. Nischal Kapadia
Associate Director at Big 4 firm || Ex-Edelweiss ||
Angel Investor || Startup Mentor – Niti Aayog

Coordinators
Dr. Avinash Vaidya
avinashvaidya@mes.ac.in
Dr. Richa Agrawal
ragrawal@mes.ac.in

[CLICK TO REGISTER](#)

MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING, NEW PANVEL
(AUTONOMOUS, NAAC A+ ACCREDITED, HIGHEST RATED IIC)

INNOVATE PCE

IIC PCE organizes a Session on
**Innovation and
Design Thinking**

Speakers
Prof. Gayatri Hegde
Innovation Ambassador, PCE

Prof. Deepti Lawand
Innovation Ambassador, PCE

Date: 25/02/2022
Time: 3:00 PM to 4:00 PM
Venue: 6th Floor Mini Auditorium

Innovation and Design Thinking




Prof. Gayatri Hegde explained the difference between invention and innovation and also focused on how innovation of young entrepreneurs led them to success. The second talk was given by Prof. Deepti Lawand on Design Thinking. It emphasized on how these stages work and how designers can use it to organize their thoughts in order to improve the creative process.



Mahatma Education Society's
Pillai College of Engineering
(Autonomous)
(Accredited 'A+' by NAAC, 5 Star IIC, ARJIA Band B)

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)
presents

Talk On
**THE START-UP
ROUTE**


Dr. Divya Padmanabhan

**25th Feb
2022 | 11:00 am**

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

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

**Innovation
And
Entrepreneurship**

Time: 28 Feb 2022 at 10:00am
Venue: R402

Speaker :
Prof. Varunakshi Bhojane
(Innovation Ambassador)



Contact: 9920902069

The Start - Up Route

The speaker talked about the nuances of the ever growing startup world. She discussed the seed fund in the budget 2022-23 and also about the growth of startups in future. The session was very interactive. The session concluded with a formal vote of thanks. The participants were able to understand the future perspective of startups in India.

Innovation and Entrepreneurship

Prof. Varunakshi Bhojane discussed various types of innovation and entrepreneurship, How innovation and Micro Entrepreneurs are contributing to boost the economy of developing countries like India. She also discussed the factors which any microentrepreneur has to consider and the unintended consequences of the many Innovations. Overall session was very interactive and the audience was curious to know about various fundings given by the Government and other private sectors to boost the entrepreneurial mindset in India.



Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, Highest Rated IIC, ARIIA Band B)

ONLINE WORKSHOP

**DESIGN THINKING,
CRITICAL THINKING
AND INNOVATION DESIGN**

February 28, 2022 at 4.00 PM

SPEAKER
RICHA AGRAWAL
INNOVATION AMBASSADOR

Design is intelligence made visible..

CONTACT US :
PILLAI COLLEGE OF ENGINEERING 9619208303 RAGRAWAL@MES.AC.IN

Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, Highest Rated IIC, ARIIA Band B)

ONLINE WORKSHOP

**ENTREPRENEURSHIP SKILL,
ATTITUDE AND BEHAVIOUR
DEVELOPMENT**

February 28, 2022 at 5.00 PM

SPEAKER
AVINASH VAIDYA
INNOVATION AMBASSADOR

CONTACT US :
PILLAI COLLEGE OF ENGINEERING 9890787361 AVINASHVAIDYA@MES.AC.IN

Workshop on Design Thinking, Critical Thinking and Innovation Design

Prof. Richa Agrawal explained the difference between Design thinking, critical thinking and Innovation in design. The speaker explained the various techniques to develop creative thinking and an activity based on SCAMPER technique was conducted. The session was very interactive. The participants were able to learn and apply SCAMPER technique to build creative thinking.

Workshop on Entrepreneurship Skill, Attitude and Behavior Development

Dr. Avinash Vaidya explained the need for right behavior and attitude required to become a successful entrepreneur. The participants were made aware of various entrepreneurship skills.



Activity Planner for Quarter III
March to May 2022

Thrust Area: Validation and Innovation & Business Model Development

SN.	Activity	Date	Social Media	Association With
1	Council Meeting	15th March		–
2	Interactive Discussion for Collaborative Research	22nd Feb.	Link	–
3	Internal Hackathon for SIH 2022	11th March	Link	–
4	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	14th March	Link	–
5	Why Entrepreneurship Matter	23rd March	Link	COMP & IT
6	ETSA Talk	26th March	Link	ETSA
7	DemoDay/Exhibition/Poster Presentation of Business Plan/Prototype developed & linkage with Innovation Ambassadors for mentorship support.	27th March	Link	–
8	Session on “How to plan for Start-up and legal & Ethical Steps”	21st April	Link	–
9	Workshop on Prototype/Process Design and Development - Prototyping	26th April	Link	–



Interactive Discussion for Collaborative Research & Innovation



Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, Highest Rated IIC, ARJIS Band "Performance")



**Interactive Discussion for Collaborative Research
& Innovation**
22 - 2 - 22

TOGETHER WE CAN

IIC PCE has organized a meeting with the experts from MGM Institute of Health Sciences and MGM Dental College to discuss possible collaborative research and innovation work in the field of BioEngineering. Dr. Richa Agrawal gave a presentation showing the various projects carried out at PCE in the field of Bio Engineering and also about the facilities available at Pillai college of Engineering. It was a very fruitful discussion as many possible common areas of research were explored.



Internal Hackathon for SIH 2022

Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the problems which we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. Internal Hackathon was organized on 11th march 2022. Total 12 teams registered for the event out of which 02 were from hardware and 10 teams from software background.



SMART INDIA HACKATHON 2022



Internal Hackathon for Smart India Hackathon 2022
On
11th March 2022



Organized by
Pillai College of Engineering, New Panvel
Venue: Assembly Hall (Second Floor)
Time: 8:30 AM to 6:00 PM





Expert talk on Research Methodology and IPR

Offline Expert Talk
On
Research Methodology and IPR

Dr. S. N. Talbar

Professor
Department of EXTC,
SGGSIE&T, Nanded

Organized by
Department of Information Technology and
Department of Computer Engineering

Monday
14th March 2022

4PM - 5PM

Pillai College of Engineering (Autonomous)
Dr. K.M. Vasudevan Pillai Campus, Sector-16, New Pandal
Contact: 022-27456090 / +919928963440 | Email: pceadmissions@mes.ac.in | Website: www.pce.ac.in

Dr. Sanjay N. Talbar is a Professor at Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded, MS. He has guided about 90+ students for at PG level and supervised 24 students for Ph.D and additional research scholars are working towards their Ph.D. He has published 10 books, about 212 papers in reputed/indexed Journals and Conferences. The session covered different aspects of RM and IPR like Literature Survey, Components of Research, Reading Research Papers, Technical Paper Writing, Format and flow of Journal / Conference paper, Importance of Abstract and Keywords, Selecting topics for research, selection of relevant journals for publications, Important journals and conferences in a given domain of research, Key publishers for journals and conferences in a given domain of research and Importance of copyright and patents.

Demo Day

Mahatma Education Society's
PILLAI COLLEGE OF ENGINEERING
(Autonomous Affiliated to University of Mumbai)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education initiative)

2022

DEMO DAY
27TH APRIL, 2022

1st Prize: Rs. 10,000/- , 2nd Prize: Rs. 7,500/- , 3rd Prize: Rs. 5,000/-
Cash Prizes for each pair of Departments

Pillai College of Engineering organized the Demo Day on 27th April, 2022. The aim behind was to motivate the students to make quality projects and also to extend financial support to deserving project ideas. This will also help 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 event was organized for project groups from pair of departments. Minimum 6 project groups were shortlisted from each pair of departments by the department heads and respective project coordinators. Parallel sessions of the final round for the shortlisted groups was scheduled on 27th April. The project work was judged by a panel of judges composed of invited experts from the domain

and heads of respective pairs of departments The winners from each pair of departments were declared and facilitated with certificates and prize money.





INSTITUTION'S INNOVATION COUNCIL
(University of Mumbai)

**MAHATMA EDUCATION SOCIETY'S
PILLAI COLLEGE OF ENGINEERING, NEW PANVEL
(AUTONOMOUS, NAAC A+ ACCREDITED, HIGHEST RATED IIC)**

IIC PCE organizes a session on
**HOW TO PLAN FOR
START-UP AND LEGAL
AND ETHICAL STEPS**

Join on

Prathamesh Damle
Founder- Vlink Educational Services

21st April 2022 , 11 am to 12 pm
Coordinators: Prof. Sonali Kathare
Prof. Harsha Ghadge

**Mahatma Education Society's
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(Autonomous)**

In association with

INSTITUTION'S INNOVATION COUNCIL
(University of Mumbai)

(Accredited 'A+' by NAAC,
Highest rated IIC,
ARIIA band "performer")

presents
**Idea Generation
Workshop**
Free Mentorship

Present your idea and Project,
get free mentorship to convert
idea into prototype, product,
startup or Business.

Session will take place on
26 APR 22

Registered participants can
speak/present their idea for 2-5
minutes during workshop.

Register Here

Dr. Divya Padmanabhan
Automobile Engineering

Salim Jafri
Proprietor at
bombay bots

Prof. Varunakshi Bhojane
Computer Engineering

Session on “How to plan for Start-up and legal & Ethical Steps”

PCE alumni Mr. Prathamesh Damle explained about the various startup types and their legalities. Also he has shared his personal experiences that he came across while setting up his own start up. He also discussed the ethical steps and how it can vary from company to company. He encouraged students to plan for a startup from their early age and go ahead with their ideas.

Workshop on Prototype/Process Design and Development - Prototyping

PCE IIC organized an Idea generation Workshop for faculty and students. All the participants were individually given 5 mins time to explain their idea and project and the speakers addressed their queries with proper guidance possible. Students got better understanding and authentication for the ideas they had and how to progress ahead.



Activity Planner for Quarter IV
June to August'22

Thrust Area: Validation and Start-up Development

SN.	Activity	Date	Social Media	Association with
1	Council Meeting	27 July		–
2	World Environment Day - Waste to Best	7th May	Link	Nature Club
3	Plant for Planet	23rd to 26th June	Link	Nature Club
4	Out of the Box Thinking & Problem Solving	26th June	Link	MIC
5	Introductory Session for Students of Junior College	13th July	Link	–
6	Session on Achieving "Value Proposition Fit" & "Business Fit" and Converting Innovation into a Startup	14th July	Link	–
7	Innovation & Entrepreneurship Exposure Visit cum Training Program	21st and 22nd July	Link	–
8	IIC Regional Meet	1st August	Link	–
9	Innovation & Entrepreneurship in HEIs for Aatmanirbhar Bharat & Celebrating 75 Years of Independence -Azadi Ka Amrit Mahotsav	16th August	Link	ETSA
10	Session on Accelerators/Incubation Opportunities for Students & Faculties - Early Stage Entrepreneurs	10th August	Link	–
11	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs	20th August	Link	–
12	World Entrepreneurs Day	22th August	Link	AESA MESA
13	Startup Yatra	22th August	Link	–
14	Avishkar Workshop	24th August	Link	–
15	Start with Small Steps "Innovation & Entrepreneurship"	29th August	Link	–



Introductory Session for Students of Junior College

PCE Mahatma Education Society's
Pillai College of Engineering
Dr. K. M. Vasudevan Pillai Campus, Sector 16, New Panvel
(Autonomous)

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Seminar On
"Pre-Incubation and Incubation Facilities at Pillai College of Engineering"
Introductory Session for Students of Junior College
Organized by
Institution Innovation Council
Pillai College of Engineering

13TH JULY 2022
11:30 AM
VENUE: AUDITORIUM 7TH FLOOR

Dr. Arun S. Pillai
Associate Professor – PCE
Director - Trendset Power and Technology Consultants

NAAC A+, ARIIA band "Performer", Top Rated & Mentor IIC

A session to encourage the young students and budding engineers to take up the path of Entrepreneurship was organized by IIC PCE on 13th July. The expert for the session was Dr. Arun Pillai who is an academican and an entrepreneur too. He shared his experience and his journey with the participants. He also provided all the information required at the initial stages of starting an enterprise. A visit to the pre-incubation facilities at the campus was also organized for the participants. The initiative and the information shared was very much appreciated by the participants.

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

IIC has organized a session on "Achieving Value Proposition Fit & Business Fit" & "Converting Innovation into a Startup" under the MIC Mentor Mentee Program on an online mode.

COMMON SENSE TEST

- Is your Product good enough (not perfect)
- Are people to ready to buy free/low cost
- Really Solving a pain point (study group)
- How to Price it?

Participants: Dr. Avinash R. V..., Dr. Atinash R. Vaidya, Dr. Richa Agrawal, Rupak Shah, Parag, Parag, Divya Radheshan, PRANAV PILLAI



The speakers for the session were Mr. Anil Jadwani & Mr. Rupak Shah. The session started with the welcome address by Mentor-Mentee Coordinator Dr. Richa Agrawal and PCE IIC President, Dr. Avinash Vaidya in the presence of faculty and student participants from PCE and all Mentee institutes. Both the speakers delivered an excellent and informative session. Mr. Anil Jadwani discussed 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. The experts also answered the queries of all the participants. The session concluded with a vote of thanks. Feedback from all the participants was taken through a google form and certificates were issued to all attendees.

Mahatma Education Society's
Pillai College of Engineering
Autonomous College Affiliated to University of Mumbai
(NAAC A+ Accredited, Highest Rated IIC, ARIIA Band B)

IIC Pillai College of Engineering
under the
Mentor-Mentee Scheme
Organises a Session for

Anjuman-I-Islam's School of Engineering and Technology
Sandip Institute of Technology & Research Centre
Don Bosco Institute of Technology
MGM's Dental College and Hospital &
Terna Engineering College

July 14, 2022 3.00 PM

ACHIEVING "VALUE PROPOSITION FIT" & "BUSINESS FIT"

 **Mr. Anil Jadwani**
GM - Sales at LearnVectors : A Brand of V Swans LLP

CONVERTING INNOVATION INTO A STARTUP

 **Mr. Rupak Shah**
Creating Video Content-OTT platforms, Startups & Brands

Coordinators
Dr. Avinash Vaidya Dr. Richa Agrawal
avinashvaidya@mes.ac.in ragrawal@mes.ac.in



Innovation & Entrepreneurship Exposure Visit cum Training Program

A 2 days Innovation & Entrepreneurship Exposure Visit cum Training Program was organized 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 schedule was as below.

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, Contetra 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.

All the sessions were very much appreciated by the external as well as internal attendees.



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Innovation & Entrepreneurship Exposure Visit cum Training Program

21st & 22nd July, 2022

Mentee Institutes
Anjuman-I-Islam's School of Engineering and Technology
Sandip Institute of Technology & Research Centre
Don Bosco Institute of Technology
MGM's Dental College and Hospital
Terna Engineering College

Dr. K. M. Vasudevan Pillai Campus
Plot No. 10, Sector 16, New Panvel,
Navi Mumbai - 410 206, Maharashtra, India
Website: www.pce.ac.in





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. 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



Dr. Avinash Vaidya presenting IIC PCE journey at the Meet



PCE Representatives with Poster



Best Creative Poster Certificate



Certificate of Appreciation

Accelerators/Incubation Opportunities for Students and Faculty members





A session on Accelerators/ Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs was organized by IIC PCE for new students and staff joining the institute. A detailed information about the various initiatives taken by MoE IIC and the institute ecosystem was explained to the attendees. The students willing to take up entrepreneurship as their future perspective found the session and the support extended to be very useful. The participants were made aware of the mentorship and handholding provided by the institute.

Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs



A session to discuss Angel Investment for Early Stage Entrepreneurs for Students & Faculties was organized by IIC PCE during the faculty seminar series. A detailed information about the various initiatives taken by MoE IIC and the institute ecosystem was explained to the attendees. The faculty willing to take up entrepreneurship as a co career found the session and the support extended to be very useful. The participants were

made aware of the mentorship and handholding provided by the institute.



Startup Yatra



Government of Maharashtra launched Maharashtra State Innovation Startup Policy 2018 to promote startup and innovation in the state. MSInS being a nodal agency for boosting Startup and Innovation ecosystem, is working towards effective implementation of the Policy. Through this policy, several initiatives such as establishment of incubation centers, financial assistance for quality testing and intellectual property rights, Grand Challenge, Startup Week, etc., are organized to create a conducive environment for the development of the startup ecosystem in the state. With the objective of providing a platform for promoting rural innovation and supporting students at an early stage, Maharashtra Startup Yatra is being organized by MSInS to handhold innovators, students and startups of the state. IIC of PCE welcomed the Startup Yatra at its campus to disseminate the same objective within its students

and also provide the opportunity for innovative ideas.

Aavishkar Workshop

Aavishkar means Innovation!!

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 Speakers for the workshop were Dr. (Mrs.) Minakshi Gurav ,OSD, Aavishkar Research Convention, University of Mumbai, 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 and winners of the Avishkar State level convention from PCE. All the participants of the workshop were motivated to participate in the convention and also learnt the do's and don'ts for the same.





University of Mumbai
Department of Students' Development
and
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in Association with
Institution's Innovation Council, PCE



ORGANISES

Workshop on Aavishkar Research Convention

24TH AUGUST, 2022

ZONE VIII
ALL ENGINEERING COLLEGES
OF ALL DISTRICTS





7TH FLOOR AUDITORIUM

Pillai College of Engineering
Dr. K. M. Vasudevan Pillai Campus
Plot No. 10, Sector 16, New Panvel,
Navi Mumbai – 410 206,
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Start with Small Steps “Innovation & Entrepreneurship”

**Mahatma Education Society's
PILLAI COLLEGE OF ENGINEERING, NEW PANVEL
ATONOMOUS, AFFILIATED TO UNIVERSITY OF MUMBAI**

START WITH SMALL STEPS

**Seminar on
Innovation & Entrepreneurship**

**29th August, 2022
10.00 A.M.**

**Speakers
Prof. Gayatri Hegde Prof. Deepti Lawand**

Prof. Deepti Lawand explained the importance of innovation and entrepreneurship along with the goals, opportunities and process of IIC.

The second speaker Prof. Gayatri Hegde gave insights of the well established Indian Entrepreneurs along with the budding innovators and entrepreneurs of the college. The talk was very interesting and motivational for the students.

– End of Report –