



Pillai HOC College of Engineering & Technology

Khalapur, HOC Colony Rd, Taluka, Rasayani, Maharashtra 410207

Accredited with 'A+' Grade by NAAC

NBA accredited for Civil Engg, Computer Engg, Information Technology & Mechanical Engg



Institution's Innovation Council

Report for Academic Year 2023-24





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A.

- **Vision of IIC established at the Institute**

To be a fountainhead of innovative ideas to meet the mission of entrepreneurship and startups and accelerate the efforts of skilling and up skilling for employment generation

- **Mission of IIC established at the Institute**

To develop research support and cultivate an active Start-up ecosystem in PHCET is resulting in innovation and entrepreneurship driven employment and economic growth.

- **Journey of IIC established at the Institute:** PHCET has established Institution's Innovation Council (IIC) as per the guidelines of „MoE"s Innovation Cell (MIC)" in the academic year 2020-21. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish function ecosystem for scouting ideas and pre-incubation of ideas and to develop better cognitive ability for technology students. PHCET, IIC is actively involved in organizing and conducting various seminars, workshops, Idea competitions, Hackathon for school childrens etc. for its students and faculties.

- **Diversified representation in the IIC established at the institute from industry, Interdisciplinary & Departments/ Units etc.**

PHCET has established IIC comprising members from Industry and Interdisciplinary departments. Each member contributes to fulfil Vision and Mission of IIC established at the institute conducting expert webinars, Workshops, Field visits, Add-on programs for students and faculty of PHCET.

B. Brief mention of key functionaries at the IIC Institute

- President :**Dr. R. C. Prasad**
- Convener: **Dr. G. V. Patil**
- Coordinators etc. : Refer Below Table



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C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC
01	Dr J. W. Bakal	Teaching	Head of the institution
02	Dr R. C. Prasad	Teaching	President
03	Dr G. V. Patil	Teaching	Convener
04	Dr Mansi Subhedar	Teaching	Vice President
05	Ms. Munawira Kotyad	Teaching	Entrepreneur
06	Dr. B. K. Sarkar	Teaching	IPR Activity Coordinator
07	Mr. Raju Narwade	Teaching	Internship Activity Coordinator
08	Dr M.D. Nadar	Teaching	Innovation Activity Coordinator
09	Dr. G.R. Patil	Teaching	ARIIA Coordinator
10	Dr. Shilpa Kewate	Teaching	NISP coordinator
11	Dr. Manvendra Vashishtha	Teaching	Member
12	Dr. Divya Chirayel	Teaching	NIRF Coordinator
13	Mr. Karthik Nagarajan	Teaching	Social Media Coordinator
14	Dr. Nareshkumar Harale	External	Industry Expert
15	Mr. Vikaykumar Shivpuje	External	Industry Expert
16	Mr. M. V. Rajashekar	External	Industry Expert
17	Harsh Shah	Student	Start-up Coordinator
18	Simran Surve	Student	Member
19	Harsh patil	Student	IPR Coordinator
20	Vedant Sawant	Student	Internship Coordinator
21	Anjali Sharma	Student	Internship Coordinator
22	Joseph K. Thomas	Student	Innovation Activity Coordinator
23	R S Shinjo	Student	Social Media Coordinator

- Total No. of IIC Members: 23
- Total No. of IAs: 16



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- Total No. of faculty Mentors From Portal: 13
- Pre-Incubation Units, If any: Yes
- Incubation Units, If any: Yes
- IP Facilitation Unit, If any: Yes

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

PHCET has dedicated Pre-Incubation & Incubation cell with following facilities:



- Software Lab
Software lab consists of 18 no of PC"s, where students can research and



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develop projects, several no of software are used. Solid Works, Java net beans, Android SDK, Matlab, Kill, Arduino, etc. Also many software's are provided as per the project need.

- 3D Printing Facility in Software Lab (Felix 3.0 3d printer)
- Facility used for rapid prototyping and fast processing
Ultimaker+ Extended Pro
3D Printing, also known as additive manufacturing, refers to various processes that synthesize a 3 dimensional object. In 3D printing, successive layers of material are formed under computer control to create an object. A 3D printer is a type of industrial robot.
- Component Library
This is the place where number of resources is incubated to process on. This facility is made with the intention of making maximum resources available to work on. Students can borrow these resources to learn and work on. Library contains resources like Microcontrollers, sensors, actuators, power supply, tools and equipment and many more.
- Workshop Facility
Research lab has dedicated workshop facility or prototyping and fabrication. Major useful tools and equipment are available with the proper guidance to use.
- Laser Cutting and Assembly Project
Laser cutting is a technology that uses a laser to cut materials, and is typically used for industrial manufacturing applications. This facility is provided for rapid prototype Designing, Assembly and manufacturing, Testing of pilot design and project based learning.

E. Highlight Achievements (Narrative/Graphical/tabular representation)

- Number and Different types of I&E and IPR activities Conducted :

IIC Activities AY 2023-24		
Sr. No.	Name of the Activity	Quarter
1	Skills of Entrepreneurship and Career Opportunities in Cyber security	I
2	Opportunities in Electronics and Innovations in electronics engineering	I
3	GitFusion: Bridging Developers & Repositories	I
4	ThinkAI Innovation and Design thinking	I



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5	Exposure visit: Missing Link of Mumbai Pune Expressway at Lonawala	I
6	TechFit: Navigating pathways to find your perfect match in Emerging Trends to develop stat up skills	II
7	Seminar on Startup & Carrier opportunities in software industry	II
8	Python and Machine Learning	II
9	LET'S START WITH R to build start-up skills	II
10	Seminar on Carrier opportunities through Innovation and Design thinking	II
11	Exposure visit: Water Treatment Plant, Bhokarpada	II
12	Regional Meet 2023	II
13	Three-day national-level hackathon Hackoverflow 2.0	II
14	Hands on Workshop on "Know Your Bike	II
15	Training for Qform International Olympiad	II
16	Exposure visit to Railway Engineering workshop" at Apta Station, Rasayani	III
17	Workshop on Domain Discovery	III
18	Hands on Flutter Workshop	III
19	Workshop on "Kickstart with DSA and Development"	III
20	Hands on Workshop of "Robotics and IOT	III
21	Hand-on Training – IOT for electronics engineers"	III
22	Workshop on "Disaster Risk Reduction Techniques "	III
23	Exposure visit to Industry: Thermal Power plant	IV
24	Training for Qform International Olympiad	IV
25	Hands-on Workshop on 3D printing & Laser Cutting	IV
26	Hands-on Workshop on 3D printing & Laser Cutting	IV
27	Hands-on Workshop on 3D printing & Laser Cutting	IV
28	Consumer day celebration and seminar on awareness about consumer rights	IV
29	Workshop on carrier opportunities Java Programming	IV
30	Carrier opportunities in Pseudo Code	IV
MIC Driven Activities		
Sr. No.	Name of the Activity	
1	Organise Viksit Bharat@2047 Utsav in Campus and Watch the Inaugural Adress by Hon'ble Prime Minister of India on 11th Dec. 2023	I
2	IIC Regional Meet 2023-24	II



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3	Orientation cum Refreshers' Session on Institution's Innovation Council Objectives, Structure, Operation for IIC Institutions	II
4	Building the Pipeline of Quality Innovations and Startups in HEIs with Ecosystem Enablers by Creating and Managing YUKTI Innovation and IPR Repository (YIIR)	III
5	Strengthening IIC Linkages with ATLS and SICs in Schools and the Framework for Providing Mentorship and Guidance	IV
	Guiding Framework for Creating and Engaging Trained Faculty and Student IIC Members, Innovation Ambassadors (IA) in IIC Institutions, and Rewarding Mechanisms for IAs	V
IIC calender Activity		
Sr. No.	Name of the Activity	Quarter
1	An Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward Best Innovations	II
2	Mentoring Event: Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors	II
3	Exposure Visit to Pre-incubation units such as Ideas LabatPillaicollegeofEngineering, Panvel	II
4	AseminaronSession on Achieving Problem-Solution Fit & Product-Market Fit	I
5	Workshop on Entrepreneurship Skill, Attitude and Behaviour Development	II
6	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer	II
7	Organising Innovation & Entrepreneurship Outreach Program in Schools/Community	I
8	Workshop on Design Thinking, Critical thinking and Innovation Design	II
9	Workshop on "Entrepreneurship and Innovation as Career Opportunity	I
10	My Story - Motivational Session by Successful Innovators	I
11	My Story - Motivational Session by Successful Entrepreneurfounder	I
12	Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors	I



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13	Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas	I
14	Session on Problem Solving and Ideation Workshop	II
15	Demo Day/Exhibition/Poster Presentation of Business Plans & linkage with Innovation Ambassadors/Experts for Mentorship Support	II
16	Organise an Inter/Intra Institutional Business Plan Competition and Reward Best Innovations	III
17	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	III
18	Session on “How to plan for Start-up and legal & Ethical Steps”	III
19	Session/ Workshop on Business Model Canvas (BMC)	III
20	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/ Technology Transfer Centre such as Atal Incubation Centre etc	III
21	Workshop on Prototype/Process Design and Developmen	III
22	Linkage with Innovation Ambassadors/Experts for Mentorship Support	IV
23	Organise an Inter/Intra Institutional Start-up Competition and Reward Best Start-ups.	IV
24	Organising Innovation & Entrepreneurship Outreach Program in Schools/Communit	IV
25	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	IV
26	Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs.	IV
27	Organise Session on “Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session	IV
28	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	IV
29	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	IV

- No. of student"s & faculty ideas generated: **19**
- No. of student"s & faculty Innovation/prototypes developed: **12**
- No. of IPs generated, published and granted: **45 (FER Generated)**
- No. of Student & Faculty Start-ups/Ventures established : **In Process**
- Amount spent on promotion and awareness generation on Innovation



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Entrepreneurship in the campus: **1 Lakh**

- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR : **4 Lakhs**
- No. of Technology Transfer and Commercialization happened: 00

F. Highlight few best IIC Faculty/Student members and their achievements/
Rewarded for the innovations at different forum

- a. **Dr. M. D. Nadar:** Graduated, post graduated and doctorate in the field of Mechanical Engineering and specialized in the area of industrial Engineering. I had 4 years Industry experience and I have worked in the area of teaching since 1991 and research work since 2010. I have guided more than 50+ under graduate students and guided more than 25+ Post graduate students final year projects and I have been selected for best research work by Mumbai University, I have coordinated many faculty development program institute level, national level sponsored by remote center by IIT-Mumbai, AICTE Atal Academy FDP Program.

G. Highlight selected best Innovations & images with mention of inventor/innovation name:

Title: "Sustainable Sandwich Composite Circular Manhole Cover Designed for Pedestrian Networks"

ID:IR2022-808334

Team Members:

1. Dr. Shilpa Kewate
2. Ms. Sonam Bhopatrao



Grant in aid Sanction Letter:



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All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org

File No. - P/11/2024-US C1/1 (Computer No. 4959)

Dated: - 06.05.2024

Grant Support to Innovations - Sanction Letter

To

The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of Rs. 200000/- (Rupees Two Lakh only) being the Grant-in-Aid under the scheme of Grant Support to Innovations, MIC for the year 2023-24 payable during the current financial year 2024-25 to Pillai HOC College of Engineering and Technology.

Sir,

With reference to the approval of the Council, this is to convey the sanction for payment of Rs. 200000/- (Rupees Two Lakh only) as Grant-in-Aid under the Grant Support to Innovations, MIC Scheme for Innovation title "Sustainable Sandwich Composite Circular Manhole Cover Designed for Pedestrian Networks" as per details given below: -

1.	Name and address of the Beneficiary Institution/ Institute / Incubation Unit	Pillai HOC College of Engineering and Technology, Via panvel, Rasayani, Taluka - Khalapur, Raigad - 410 207, Maharashtra, India.
2.	Name of the Team Leader:	Dr. Shilpa Pankaj Kewate
3.	Duration of the scheme:	FY 2024-25
4.	Total Grant-in-aid Sanctioned:	Rs. 400000/-
5.	1 st Phase Amount (50% of Grant-in-Aid) to be released during the financial year 2024-25:	Rs. 200000/-
6.	Sanctioned grant-in-aid is debit to:	603.2 (a) General (MIC)
7.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	Pillai HOC College of Engineering and Technology

VII. General instructions

- a. If program is not started in the period of three (03) months of the issuance of this Sanction Letter, the released amount, along with interest accrued thereon, has to be returned back to AICTE/MIC by way of a demand draft in favor of INNOVATION CELL ACCOUNT payable at New Delhi or through NEFT/RTGS at INNOVATION CELL ACCOUNT, Account No:37903899633, IFSC: SBIN0050203, SBI, SHASTRI BHAWAN, RAJENDRA PRASAD ROAD, NEW DELHI-110001. Kindly mention the File Number in your future correspondence.

The grantee Institution/Incubation Unit shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules-2017-0>) should be followed during utilization of grant.

- b. This Sanction Letter may be treated as Offer Letter for all purposes.

Yours Sincerely,

AID (MIC)

Copy forwarded for information and necessary action to:

1. Pillai HOC College of Engineering and Technology, Via panvel, Rasayani, Taluka - Khalapur, District -Raigad, Pin code -410 207, Maharashtra, India., principal.phcet@mes.ac.in, 99605912965
2. Dr. Shilpa Pankaj Kewate, shilpakewate@mes.ac.in
3. MIC
4. Guard File



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H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name:

Mr. Gourav Sarkar

Co-Founder and CEO | (M) +91 9987549293

Friction Innovative Education LLP

217, Skylark, Sakal Bhavan Road, Sector 11, Opp. BP Marine Academy,
CBD Belapur, Navi Mumbai 400614

I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation:

1. **Sustainable Sandwich Composite Circular Manhole Cover Designed for Pedestrian Networks**
2. **Smart construction safety helmet - An Arduino-based risk and salary monitoring and management Tool**
3. **Automatic Air Fill in Bike, Scooty and Car Tyres.**
4. **Development of hybrid Polymeric nanocomposite using glass, carbon and basalt fibers as reinforcing elements.**

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- ARIIA – Participation
- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation
- Smart India Hackathon etc.
- Yukti Innovation design challenge

K. Detail of Social Media & Connections of IIC institute

Website: <https://www.facebook.com/pillaihoccollege>

Website: <https://www.instagram.com/pillaihoccollege>

L. Activities Conducted in IIC 6.0

“Seminar on Design Thinking, Critical thinking and Innovation Design”

To know Design Thinking, Critical thinking and Innovation Design techniques



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“Workshop on Entrepreneurship and Innovation as Career Opportunity”

To give hands on on Entrepreneurship and Innovation as Career Opportunity



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“Workshop on Entrepreneurship Skill, Attitude and Behavior Development

To give exposure and Hands on to develop Entrepreneurship Skill, Attitude and Behavior Development





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Exposure Visit to “Missing Link of Mumbai Pune Expressway at Lonawala”

1. To understand the construction process of infrastructure projects like tunnels and viaducts and witness the usage of construction equipment on site.
2. Creating awareness of the importance of safety on site and understanding of safety problems and site conditions





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Pillai HOC College of Engineering and Technology Three-day national-level hackathon Hackoverflow 2.0

HackOverflow 2.0, a three-day national-level hackathon organized by the Department of Computer Engineering of Pillai HOC College of Engineering & Technology, Rasayani, was held from March 14th to March 16th, 2024. The event aimed to provide a platform for aspiring technologists to showcase their skills, collaborate with peers, and tackle real-world challenges in the field of technology.

After rigorous evaluation, the following teams emerged victorious:

1st Prize: Team 7 from Mahakal Group Of Institutes, Ujjain, Madhya Pradesh.

1st Runner-up: Innovation Geeks from MGM University, Aurangabad, Maharashtra.

2nd Runner-up: Team Shashtra from Pillai College of Engineering, Navi Mumbai.



“Problem-Solution Fit & Product-Market Fit by Dinesh Israni, Naman Angles”

Visit to Pre-incubation and Ideas Lab to get new ideas and facilities



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"A seminar on Process of Innovation Development & Technology Readiness Level (TRL)" & "Commercialisation of Lab Technologies & Tech-Transfer"

To know Process of Innovation Development & Technology Readiness Level (TRL) & Commercialisation of Lab Technologies & Tech-Transfer





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“Motivational Session by Successful Innovators- Mrs. Vrundha Vanni”

To Motivate students and faculty to become innovator by Mrs. Vrundha Vanni : Co-Founder and CEO of Samvit, a startup that operates under two distinct brands: Career Coach Vaani, which focuses on skilling initiatives within educational institutes, and Coach Vaani, which specializes in leadership capacity building through tailored training interventions for organizations



“Hands on workshop on Innovation & Entrepreneurship Outreach Program in Schools/Community”

Workshop on Innovation & Entrepreneurship Outreach Program in Schools/Community



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Seminar on “Poster Presentation of Innovations/ Prototypes”

Mentoring Event: Poster Presentation of Innovations : Photos are not available

“Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors”

Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors



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“Inter/Intra Institutional Idea Competition and Reward Best Ideas”

Expert talk on Problem-Solution Fit & Product-Market Fit by Dinesh Israni, Naman Angles



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“Session on Problem Solving and Ideation Workshop”

Session on Problem Solving and Ideation Workshop to build design thinking knowledge



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“My Story - Motivational Session by Successful Entrepreneur founder Mr. Pawar Maruti, Amprionics Limited, Khopoli”

To Motivate students and faculty to become Entrepreneur by Co-Founder and CEO of Amprionics Limited, Khopoli



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“Session/ Workshop on Business Model Canvas (BMC)”

Session on Business Model Canvas (BMC)





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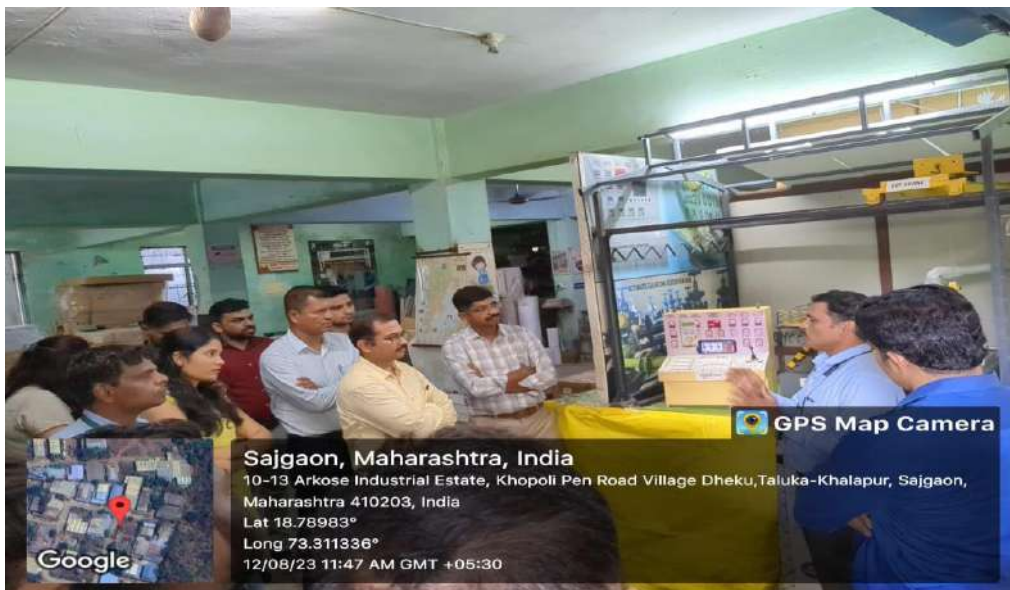
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“Field/Exposure Visit to Incubation Unit”

Field/Exposure Visit to Incubation Unit





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“Workshop on Intellectual Property Rights (IPRs) and IP management for start-up”

To understand Intellectual Property Rights (IPRs) policies and IP management for start up





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“Demo Day Presentation of Business Plans & linkage with Innovation Ambassadors for Mentorship Support”

To present ideas in Business Plans & linkage with Innovation Ambassadors



“Workshop on Prototype/Process Design and Development”

To learn the Process of Design and Development of product



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“Business Plan Competition and Reward Best Innovations”

Business Plan Competition and Reward Best Innovations





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“Exposure Visit to Incubation Unit Centre such as Atal Incubation Centre”

Visit to incubation unit to visualize innovation and design thinking





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

How to plan for Start-up and legal & Ethical Steps





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“Motivational Session by Successful Innovators- Mrs. Vrundha Vanni”



Exhibition of Business Plans & linkage with Innovation Ambassadors/Experts for Mentorship Support

1. Promote innovation and creativity
2. Encourage respect for IP rights



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SARASWATI Education Society's
SARASWATI Institute of Technology
Learn Live, Achieve and Contribute!
Kharjur, Plot Number - 410 210.

**FACULTY DEVELOPMENT PROGRAM ON
"TRAIN THE TRAINER"**

DR.KARTHIK NAGARAJAN
ASSOCIATE PROFESSOR DEPARTMENT
OF CIVIL ENGG. PHCOE

✓ CONTENT
Project report
writing

📅 **DATE :- 2ND JULY 2024**
🕒 **TIME :-10:00 AM ON WARDS**



“Session on discussion with innovation and Start-up Ecosystem Enablers from the national level”

To Motivate students and faculty to become innovator



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“Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneur- Mrs. Vrundha Vanni”

To Motivate students and faculty to become innovator and Early Stage Entrepreneur



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Accredited with 'A+' Grade by NAAC

NBA accredited for Civil Engg, Computer Engg, Information Technology & Mechanical Engg



Inter/Intra Institutional Start-up Competition and Reward Best Start-ups.

Objective is to navigate the planning process effectively, minimize legal risks, and maintain ethical standards, ultimately leading to a successful and responsible business.



Vidyavardhini's College of Engineering and Technology
K.T. MARG, VASAI ROAD (W), District-Palghar (401202), Maharashtra



INSTITUTION'S INNOVATION COUNCIL
Organizes an expert session on
INNOVATION AND DESIGN THINKING FOR SUCCESSFUL STARTUPS



DR. KARTHIK NAGARAJAN
PH.D. IN CIVIL ENGINEERING (UNIVERSITY OF MUMBAI)
ME IN STRUCTURAL ENGINEERING (UNIVERSITY OF MUMBAI)
BE IN CIVIL ENGINEERING (UNIVERSITY OF PUNE)



Associate Professor -
Civil Engineering Dept.
Pillai HOC College of Engineering and
Technology, Navi Mumbai

Date: 09th of August
Venue: 3rd Floor Seminar Hall
At 11.00 am

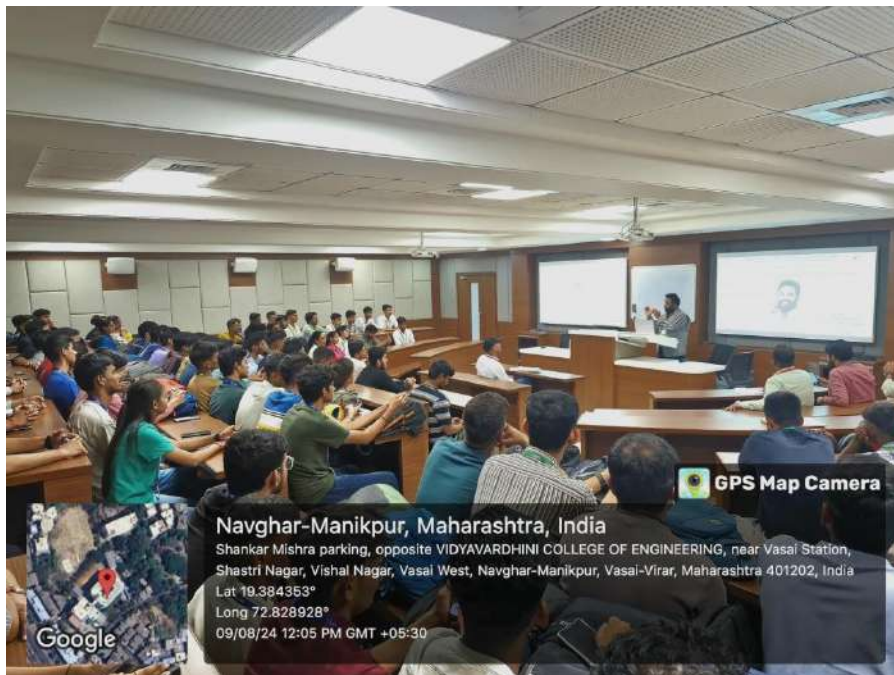


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“Inter/Intra Institutional Start-up Competition and Reward Best Start-ups.”

To Motivate students and faculty to become innovator and Early Stage Entrepreneur



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“Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit””

To Motivate students and faculty to become innovator



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Activities Conducted MIC

Viksit Bharat @ 2047 Utsav

Viksit Bharat, or Developed India, is the vision of Prime Minister Narendra Modi and represents a complete blueprint for the country's prosperity, not just a catchphrase. This vision will be a guiding principle for India during its Amrit Kaal. With a combination of social changes, technical innovations, and economic reforms, Prime Minister Modi hopes to raise India's position at the global level. This vision has many components, from economic growth to all-inclusive development and imbibing technological innovation.



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Inaugural of Viksit Bharat @ 2047 Utsav

Activities conducted:

1. Poster Competition:

Total 36 students participated in poster competition. Judges from various industries appreciated the ideas presented by students on Innovation.



Fig 3 : Judges evaluating IIC posters during IIC regional meet 2023

Knowledge Sharing Sessions:

1. YUKTI Innovation by **Dr. Roshan Bonde**, Professor, BATU, Raigad
2. Mentor-Mentee & Impact Lecture by **Dr. Avinash Vaidya**, Professor, PCE Panvel
3. IP Commercialization & Technology Transfer by **Mr. Jitendra kumar Choure**, Assistant Controller of Patents and Designs Indian Patent Office



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Mumbai, Maharashtra, India

4. IIC-ATL linkage and IA by **Dr. Rajesh Javare**, Terna Engineering College, Nerul
5. Design Thinking by **Dr. Karthik Nagarajan**, PHCET, Rasayani



YUKTI Innovation by Dr. Roshan Bonde, Professor, BATU, Raigad



Mentor-Mentee & Impact Lecture by Dr. Avinash Vaidya, Professor, PCE Panvel



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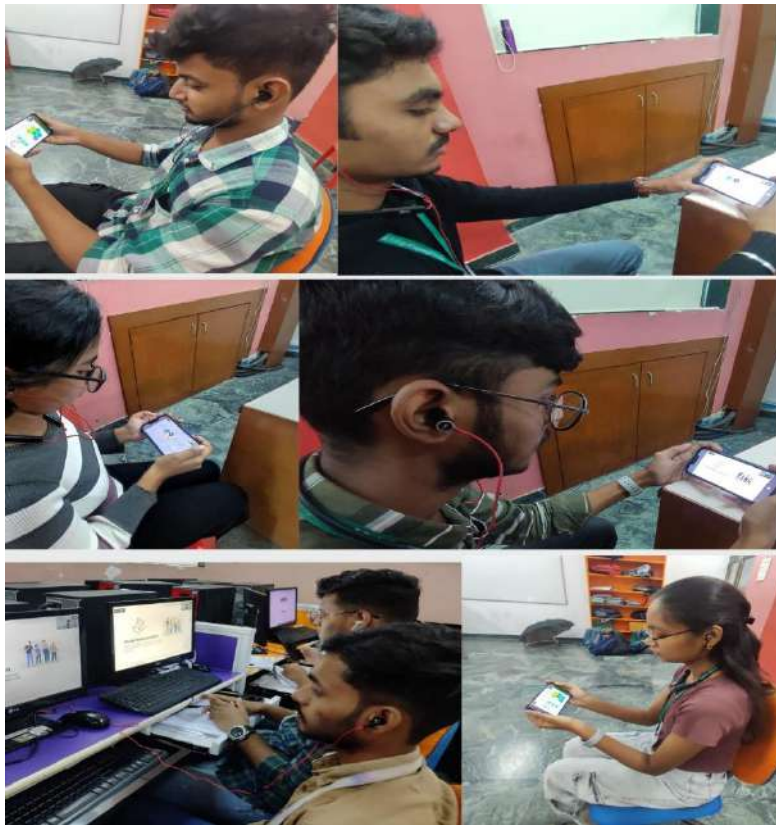
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Strengthening IIC Linkages with ATLs and SICs in Schools and the Framework for Providing Mentorship and Guidance

To help the students and faculty members to strengthen IIC linkages with ATLs and SICs in schools by providing a structured framework for mentorship and guidance.



Guiding Framework for Creating and Engaging Trained Faculty and Student IIC Members, Innovation Ambassadors (IA) in IIC Institutions, and Rewarding Mechanisms for IAs

The objective is to establish a guiding framework for training and engaging IIC faculty and student members, appointing Innovation Ambassadors, and implementing rewarding mechanisms for their contributions.



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Orientation cum Refreshers' Session on Institution's Innovation Council Objectives, Structure, Operation for IIC Institutions

To help the students and faculty understand IIC Objectives, Structure, operation for IIC



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Mahatma Education Society's Pillai HOC College of Engineering and Technology, Rasayani
Intellectual property protection and management in Academia

The objective is to build a pipeline of quality innovations and startups in HEIs by managing the YUKTI Innovation and IPR Repository (YIIR) with support from ecosystem enablers.



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Activities Conducted Celebration

Seminar on "National Pollution Day"

To raise awareness about the different measures to control pollution and the prevention of industrial disasters.





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Seminar on "National Energy Conservation Day"

To spread the message on the importance of conserving energy and to showcase the achievements of the nation in energy efficiency and conservation.





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To encourage the Faculty and students to identify patentability options in their research work and guide them about the overall framework in Patent filing process



Workshop on Innovation and Entrepreneurship



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Students are guided through a firm's lifecycle from start-up to exit. In small teams, students formulate a business plan, pitch to a 'venture capitalist', develop products, and eventually market the products to potential buyers.



National Education Day: Poster presentation Pariyojana

To encourage the students showcase Ideas in terms of poster



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National Science Day

To discuss all the issues and implement new technologies for the development in the field of science. To give an opportunity to the scientific minded citizens in India. To encourage the people as well as popularize science and technology.



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Intellectual property protection and Start up day celebration

To encourage the Faculty and students to identify patentability options in their research work and guide them about the start ups



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National Youth Day: Importance and effect of environment , greenhouse effect , climate change , global warming



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To encourage and spread awareness to the students and faculty about the importance and effect of environment, greenhouse effect, climate change, global warming etc.



National Technology Day

National Technology Day aims to promote a culture of innovation, technology, and scientific inquiry in India, and to recognize the contributions of scientists, researchers, and innovators who have made significant impacts in their respective fields.



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International Women's Day

To create awareness among them about their safety and importance of self-defence



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World Creativity and Innovation Day

Objective of World Creativity and Innovation Day aims to inspire people to embrace creativity and innovation, leading to personal growth, social progress, and economic development.



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World Entrepreneurs Day

Objective of World Entrepreneurs Day aims to empower entrepreneurs, promote entrepreneurship, and recognize the impact of entrepreneurs on the global economy and society.



World Environment Day

Objective of World Environment Day aims to promote a healthier environment and a more sustainable future for all.



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World Intellectual Property (IP) Day

Objective of World Intellectual Property (IP) Day is



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1. Raise awareness about the importance of intellectual property rights (IPRs)
2. Promote innovation and creativity
3. Encourage respect for IP rights



Dr.G.V.Patil

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