Annual Report 2024-25
[SSBT'S COLLEGE OF ENGINEERING & TECHNOLOGY (C-8977)]

A. **About IIC Institute**

Vision / Mission of IIC established at the Institute

Student-Society Connect: To develop platform for students in order to understand societal issues and develop technological based innovative solution.

Student -Technology Connect: To organise seminars, workshops, expert talks and training programs for cell members.

Student-Innovation-Entrepreneurship Development: To inculcate responsibilities among the students, about the need of innovations, technological interventions and entrepreneurship development.

Student-Innovative – Idea Exchange: To create an enabling environment for the sharing of idea and resources within the knowledge ecosystem to identify problems and develop scientific and technological solutions.

Journey of IIC established at the Institute

The Shram Sadhana Innovation and Entrepreneurship Development Cell (SSIEDC) extend its activities to the department level to develop culture of Innovation, Incubation, Internship, Entrepreneurship and Start –up. It provides a platform to students to discuss the innovative ideas, identify the socio-technical issues, and convert their innovative ideas into commercially viable products. It is a platform for nurturing, encouraging and developing innovation and entrepreneurial skills among college students. It ventures in technology, engineering and other interdisciplinary areas with the expertise of repute. The regular events like entrepreneurial talk series, workshops and seminars, brainstorming sessions and to arrange competitions of innovations have offered a good research culture in the institute.

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

B. **Brief mention of key functionaries at the IIC Institute**

SSBT's COLLEGE OF ENGINEERING & TECHNOLOGY, BAMBHORI, JALGAON

Ref. No.   Date: 19/11/2024

Institution's Innovation Cell: 955/11/24

Sr. No.	Name	Key Role/ Position assigned in IIC
01	Dr. G. K. Patnaik	President
02	Dr. Sudhakar B. Pawar	Vice President
03	Dr. Pankaj H. Zope	Convener
04	Dr. Vijay R. Diware	ARIIA Coordinator
05	Mr. Amol. C. Wani	Startup Activity Coordinator
06	Dr. Dnyaneshwar K. Kirange	IPR Activity Coordinator
07	Dr. Pankaj H. Zope	NIRF Coordinator
08	Dr. P. M. Solanki	Internship Activity coordinator
09	Dr. Kiran S. Patil	Member, Innovation Activity
10	Dr. K. Shrivastava	Member
11	Ms. Faroza Kazi	Social media

19/11/2024

PRINCIPAL
PRINCIPAL
SSBT's College of Engineering & Technology
Bambhori, Jalgaon-425001(M.S.)

Copy to :- 1. All Above concern
                2. Vice Principal
                3. All HoDs
                4. Principal Office

C. **Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution**
- Total No. of IIC Members   - 11
- Total No. of IAs   - 28
- Total No. of faculty Mentors From Portal - 05
- Pre-Incubation Units, If any   - 01 in Collaboration with KBC NMU Jalgaon
- Incubation Units, If any   - 01 in Collaboration with KBC NMU Jalgaon
- IP Facilitation Unit, If any   - 01 in Collaboration with KBC NMU Jalgaon

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.
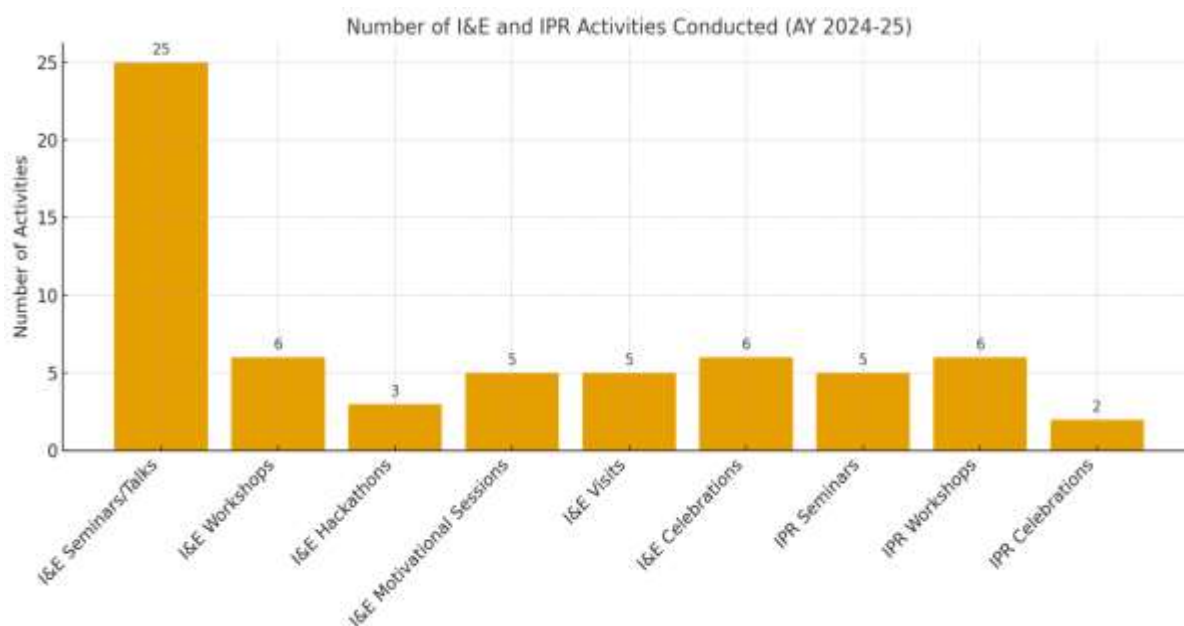
Faculty and Student Skills enhancement bodies
1. Language & Communication Skills
2. Life Skills
3. ICT / Computing Skills

Club Engaged in promotion of Innovation and Entrepreneurship in the campus
1. Nature Club
2. Energy Club
3. Robo Club

E. Highlight Achievements (Narrative/Graphical/tabular representation)
- Number and Different types of I&E and IPR activities Conducted

Number of I&E and IPR Activities Conducted (AY 2024-25)

Sr. No.	Category	Activity Type	No. of Activities	Examples from Report
1	**Innovation & Entrepreneurship (I&E)**	Seminars / Expert Talks	25+	Empowering MSMEs & Startups, AgriPreneurship, AI in Finance, AI in Civil Engg., National Startup Day, etc.
2	**Innovation & Entrepreneurship (I&E)**	Workshops	6+	Design Thinking & Innovation Design, Entrepreneurship as Career, Problem Solving & Ideation, CNC Machine Tools, etc.
3	**Innovation & Entrepreneurship (I&E)**	Hackathons / Competitions	3	Inter-Institutional Idea Hackathon, Eureka! Pitching Competition, Innovation Showcase Demo Day
4	**Innovation & Entrepreneurship (I&E)**	Motivational Sessions	5	By Entrepreneurs, Alumni, Innovators, etc.
5	**Innovation & Entrepreneurship (I&E)**	Field / Industrial Visits	5	Jain Irrigation Center, Design Center, Industrial Insight at Kiran Machine Tools, etc.
6	**Innovation & Entrepreneurship (I&E)**	National / International Day Celebrations (Innovation & Entrepreneurship focus)	6+	National Innovation Day, National Entrepreneurship Day, World Entrepreneur Day, etc.
	Subtotal (I&E)		**~50**	
7	**Intellectual Property Rights (IPR)**	Seminars	5	Importance of IPR, Copyrights, Patent Registration for Startups, etc.
8	**Intellectual Property Rights (IPR)**	Workshops / Masterclasses	6	Protecting IPRs & IP Management, Patents & Design Registration, Copyrights, Trademarks, Commercialization, etc.
9	**Intellectual Property Rights (IPR)**	Celebrations	2	IP Utsav & World Creativity & Innovation Day, IPR Day Celebration
	Subtotal (IPR)		**~13**	
Total	I&E + IPR		**~63 activities**	

BAMBHORI, JALGAON
ISO9001:2015

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

1. IPR Activities Conducted by Dr. D. K. Kirange

IPR Activities Pic 1

IPR Activities Pic 2

2. I&E activities Conducted by Mr. Yogesh Hebalkar, DGM, HR, Hitachi Astemo Brake Systems Ltd., India

Similarly some activities are reported under the head of IIC activities and Self activities conducted

Institute Innovation Council (IIC)

Program organized under IIC for Academic Year 2024-2025
Visit our College website on
https://www.sscoetjalgaon.ac.in/ssiedc-cell/

Sr No	Program Organized	Date	Document Attached
1.	Exposure and field visit for problem identification	7-10-2024 to 9-10-2024	Exposure and field visit for problem identification
2.	Inter Institutional Idea Hackathon	6-9-2024	Inter Institutional Idea Hackathon
3.	National Education Day 2024	11-11-2024	National Education Day 2024
4.	MIC Programmes & Schemes with Dr. Abhay Jere	23-10-2024	MIC Programmes & Schemes with Dr. Abhay Jere
5.	A Seminar on Empowering MSMEs and Startups: Navigating Financial Funding Opportunities	12-09-2024	A Seminar on Empowering MSMEs and Startups: Navigating Financial Funding Opportunities
6.	A Seminar on Empowering Entrepreneurs: Unlocking Potential Through Training and Resources	13-09-2024	A Seminar on Empowering Entrepreneurs: Unlocking Potential Through Training and Resources
7.	A Seminar on Digital Shield Navigating Social Media Safely and Staying Cyber Secure	14-09-2024	A Seminar on Digital Shield Navigating Social Media Safely and Staying Cyber Secure
8.	A Seminar on Empowering Entrepreneurs Cultivating Leadership and Soft Skills for Success	18-09-2024	A Seminar on Empowering Entrepreneurs Cultivating Leadership and Soft Skills for Success
9.	A Seminar on AgriPreneurship Unlocking Opportunities and Schemes for Startup Growth in Agriculture	20-09-2024	A Seminar on AgriPreneurship Unlocking Opportunities and Schemes for Startup Growth in Agriculture
10.	National Science Day 2025	27-02-2025	National Science Day 2025
11.	National Innovation Day 2024	16-10-2024	National Innovation Day 2024
12.	Motivational Session by Successful Entrepreneur on Emerging Trends in Engineering & Innovation	17-02-2025	Motivational Session by Successful Entrepreneur on Emerging Trends in Engineering & Innovation
13.	Motivational Session by Successful Alumni on Innovation & Publication Ethics	13-02-2025	Motivational Session by Successful Alumni on Innovation & Publication Ethics
14.	Workshop on Entrepreneurship and Innovation as Career	14-11-2024	Workshop on Entrepreneurship and Innovation as Career
15.	Motivational Session by Successful Innovators	05-10-2024	Motivational Session by Successful Innovators
16.	A Seminar on Engineering Excellence: Insights into Quality	11-03-2025	A Seminar on Engineering Excellence: Insights into Quality

	Management at JCB India		Management at JCB India
17.	Organising Idea Showcase Demo Day	18-10-2024	Organising Idea Showcase Demo Day
18.	Field Visit to Design Center and Workshop	21-03-2025	Field Visit to Design Center and Workshop
19.	Industrial Insight at Kiran Machine Tools	21-03-2025	Industrial Insight at Kiran Machine Tools
20.	Inernational Womens Day	08-03-2025	Inernational Womens Day
21.	How to Plan for Start-up and Legal & Ethical Steps	28-04-2025	How to Plan for Start-up and Legal & Ethical Steps
22.	Inauguration of IP UTSAV and Celebration of World Creativity and Innovation Day	21-04-2025	Inauguration of IP UTSAV and Celebration of World Creativity and Innovation Day
23.	Discover more with Design Registrations: Masterclass on Patents and Design Registration	22-4-2025	Discover more with Design Registrations: Masterclass on Patents and Design Registration
24.	Organization of Poster Model and Project Exhibition on National Science Day at school	28-02-2025	Organization of Poster Model and Project Exhibition on National Science Day at school
25.	Demo Day Showcasing Science & Innovation on National Science Day	28-02-2025	Demo Day Showcasing Science & Innovation on National Science Day
26.	Demo Day for Discovery Celebrating National Science Day	28-02-2025	Demo Day for Discovery Celebrating National Science Day
27.	A Workshop on CNC Machine Tools	29-4-2025	A Workshop on CNC Machine Tools
28.	MBA B-Plan Pitch website Prototype Exhibition	05-04-2025	MBA B-Plan Pitch website Prototype Exhibition
29.	MIC Copy That Copyrights Uncovered Masterclass on Copyrights	23-04-2025	MIC Copy That Copyrights Uncovered Masterclass on Copyrights
30.	MIC Mark the Spot Trademarks Talk	24-04-2025	MIC Mark the Spot Trademarks Talk
31.	MIC Significance of IP Protection and Commercialization	25-04-2025	MIC Significance of IP Protection and Commercialization
32.	MIC Patent to Product	26-04-2025	MIC Patent to Product
33.	A Seminar on AI in Chemical Process Technology	08-02-2025	A Seminar on AI in Chemical Process Technology
34.	AI-Driven Revolution: Smart Control in Chemical Processing	08-02-2025	AI-Driven Revolution: Smart Control in Chemical Processing
35.	AI-Powered Precision Farming Drones Revolutionizing Agriculture	08-02-2025	AI-Powered Precision Farming Drones Revolutionizing Agriculture
36.	AI in Finance Driving Innovation and Efficiency	10-02-2025	AI in Finance Driving Innovation and Efficiency
37.	Fault Analysis of the Power System and AI Techniques	11-02-2025	Fault Analysis of the Power System and AI Techniques
38.	Innovative role of AI in Semiconductor	12-02-2025	Innovative role of AI in Semiconductor
39.	Turbocharging Innovation AI-Powered Hybrid Boost Technology	13-02-2025	Turbocharging Innovation AI-Powered Hybrid Boost Technology
40.	Harnessing the Power of Edge AI Innovations and Real-World Benefits	15-02-2025	Harnessing the Power of Edge AI Innovations and Real-World Benefits
41.	Revolutionizing Structural analysis with AI	15-02-2025	Revolutionizing Structural analysis with AI
42.	Transformative Impact of Deep Learning on Cybersecurity	15-02-2025	Transformative Impact of Deep Learning on Cybersecurity
43.	AI in Automobile	15-02-2025	AI in Automobile
44.	Performance Analysis of Solar Power Generation Using Data Science and AI	17-02-2025	Performance Analysis of Solar Power Generation Using Data Science and AI
45.	Wearable Electronics and AI	8-3-2025	Wearable Electronics and AI

46.	Celebration of National Entreprenerurship day with Legrand	17-02-2025	Celebration of National Entreprenerurship day with Legrand
47.	Celebration of National Energy Conservation Day	14-12-2025	Celebration of National Energy Conservation Day
48.	Celebration of National Technology Day	09-05-2025	Celebration of National Technology Day
49.	Industry 4.0 Artificial intelligence	08-03-2025	Industry 4.0 Artificial intelligence
50.	A Seminar on The Power of Fibonacci: Its Role in the Human Body, Financial Markets, and AI Technologies	08-03-2025	A Seminar on The Power of Fibonacci: Its Role in the Human Body, Financial Markets, and AI Technologies
51.	A Seminar on AI-Driven Finite Element Analysis: Unlocking New Possibilities in Engineering	08-03-2025	A Seminar on AI-Driven Finite Element Analysis: Unlocking New Possibilities in Engineering
52.	A Seminar on Personalized Medicine and Treatment Model Using AI	08-03-2025	A Seminar on Personalized Medicine and Treatment Model Using AI
53.	A Seminar on Copyright and AI	08-03-2025	A Seminar on Copyright and AI
54.	A Seminar on DeepSeek AI	15-03-2025	A Seminar on DeepSeek AI
55.	A Seminar on Everything is frequency... role of AI in Frequency?	15-03-2025	A Seminar on Everything is frequency... role of AI in Frequency?
56.	A Seminar on AI in Agriculture	15-03-2025	A Seminar on AI in Agriculture
57.	A Seminar on Role of AI in 5G	15-03-2025	A Seminar on Role of AI in 5G
58.	A Seminar on Ethical AI Practice in Business Strategy	15-03-2025	A Seminar on Ethical AI Practice in Business Strategy
59.	A Seminar on Explainable artificial intelligence (XAI)	15-03-2025	A Seminar on Explainable artificial intelligence (XAI)
60.	A Seminar on Building the Future with AI: Applications in Civil Engineering	29-03-2025	A Seminar on Building the Future with AI: Applications in Civil Engineering
61.	A Seminar on Revolution of the construction industry through Artificial Intelligence (AI)	29-03-2025	A Seminar on Revolution of the construction industry through Artificial Intelligence (AI)
62.	A Seminar on Role of AI in CNC Machining	29-03-2025	A Seminar on Role of AI in CNC Machining
63.	A Seminar on Industrial IoT: Overview & Applications	29-03-2025	A Seminar on Industrial IoT: Overview & Applications
64.	A Seminar on Role of AI Applications in the Automotive Industry	29-03-2025	A Seminar on Role of AI Applications in the Automotive Industry
65.	World Telecommunication Day 2025	17-05-2025	World Telecommunication Day 2025
66.	A Seminar on Importance of Intellectual Property Rights	12-03-2025	A Seminar on Importance of Intellectual Property Rights
67.	A Session on Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs	28-09-2025	A Session on Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs
68.	Workshop on Protecting Intellectual Property Rights (IPRs) and IP Management for Startups	08-03-2025	Workshop on Protecting Intellectual Property Rights (IPRs) and IP Management for Startups
69.	A Seminar on Importance of Copyrights	11-03-2025	A Seminar on Importance of Copyrights
70.	A Seminar on Patent Registration on Startup	12-03-2025	A Seminar on Patent Registration on Startup
71.	A Seminar on National Startup Day	16-01-2025	A Seminar on National Startup Day
72.	Workshop on Design Thinking, Critical thinking and Innovation Design	01-10-2024	Workshop on Design Thinking, Critical thinking and Innovation Design
73.	MIC Building YUKTI Innovation Repositories in IIC	20-05-2025	MIC Building YUKTI Innovation Repositories in IIC
74.	Celebration of World Environment Day	05-06-2025	Celebration of World Environment Day
75.	Be a Road Safety Hero," Emphasizing	02-12-2024	Be a Road Safety Hero," Emphasizing

	Collective Action for a Safer Environment. Celebration of World Pollution Day		Collective Action for a Safer Environment. Celebration of World Pollution Day
76.	National Youth Day	12-01-2025	National Youth Day
77.	Celebration of Intellectual Property Rights Day	26-04-2025	Celebration of Intellectual Property Rights Day
78.	World Creativity and Innovation Day	21-04-2025	World Creativity and Innovation Day
79.	Problem Solving and Ideation Workshop	27-29 March 2025	Problem Solving and Ideation Workshop
80.	Innovation Showcase: Demo Day/Exhibition		Innovation Showcase: Demo Day/Exhibition
81.	Field visit to Jain Irrigation Center	07-04-2025	Field visit to Jain Irrigation Center
82.	MIC Activity Podcast Series on Rashtra Pratham and Celebrating Failures		MIC Activity Podcast Series on Rashtra Pratham and Celebrating Failures
83.	MIC Activity Podcast Series on Rashtra Pratham and Celebrating Failures	01-08-2025	MIC Activity Podcast Series on Rashtra Pratham and Celebrating Failures
84.	Independence Day- Celebrating Aazadi Ka Amritkal	15-08-2025	Independence Day- Celebrating Aazadi Ka Amritkal
85.	Eureka! Pitching Competition 2025	21-08-2025	Report on Eureka! Pitching Competition 2025
86.	5th Anniversary of National Education Policy (NEP) 2020	16-8-2025	Report on 5th Anniversary of National Education Policy (NEP) 2020
87.	Celebration of World Entrepreneur Day	21-08-2025	Report Celebration of World Entrepreneur Day
88.	Session on Achieving Problem-Solution Fit & Product Market Fit	21-08-2025	Report on C88 Problem-Solution Fit & Product Market Fit
89.	Session on Value Proposition Fit and Business Fit	18-10-2024 19-10-2024 22-11-2024 23-11-2024	Session on Value Proposition Fit and Business Fit
90.	Session on Giving Idea about Trends and Opportunities for any Innovative Idea to convert into a successful Start-up—Boot Camp	30-8-2025	Report of Session on Giving Idea about Trends and Opportunities for any Innovative Idea to convert into a successful Start-up
91.	Session on Early Stage Entrepreneurs	02-09-2025	Report of Session on Early Stage Entrepreneurs
92.	Session on Business Model Canvas	06-02-2025 07-02-2025	Report of Session on Business Model Canvas
93.	Expert talk on Process of Innovation Development	03-04-2025	Expert talk on Process of Innovation Development
94.	Workshop on Prototype/Process Design and Development	03-04-2025	Workshop on Prototype/Process Design and Development

- No. of student's &faculty ideas generated – 200+ (all department TE + BE)
- No. of student's & faculty Innovation/prototypes developed -200+ (all department TE+BE)
- No. of IPs generated, published and granted -10+ (Faculty + student)

INTELLECTUAL
PROPERTY INDIA

ORIGINAL
कम सं/ Serial No. : 202664

पेटेंट कार्यालय, भारत सरकार   The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.	:	428724-001
तारीख / Date	:	29/08/2024
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *THREAT DETECTION DEVICE* से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Dr. Atul Hiralal Karode 2. Dr. Shekhar R Suralkar के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-05 in respect of the application of such design to *THREAT DETECTION DEVICE* in the name of 1.Dr. Atul Hiralal Karode 2. Dr. Shekhar R Suralkar.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।

In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि : 19/06/2025
Date of Issue

महानियंत्रक पेटेंट, डिजाइन और व्यापार चिह्न
Controller General of Patents, Designs and Trade Marks

Intellectual
Property
Office

Certificate of Registration for a UK Design

Design number: 6376789

Grant date: 15 July 2024

Registration date: 07 July 2024

This is to certify that,

in pursuance of and subject to the provision of Registered Designs Act 1949, the design of which a representation or specimen is attached, had been registered as of the date of registration shown above in the name of

Dr. Alka Dubey, Mr. Vivek Bhargava, Mr. Shikhar Purohit, Dr. Pavithra

Marimuthu, Ajay Vishwath Narasimhapura Chakravarthy, Dr. Pankaj Hiraman

Zope

in respect of the application of such design to:

AI AND ML BASED HUMANOID ROBOT FOR INDUSTRY

International Design Classification:
Version: 14-2023
Class: 15 MACHINES, NOT ELSEWHERE SPECIFIED
Subclass: 99 MISCELLANEOUS

Adam Williams
Comptroller-General of Patents, Designs and Trade Marks
Intellectual Property Office
The attention of the Proprietor(s) is drawn to the important notes overleaf.

INSTITUTION'S
INNOVATION
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MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

BAMBHORI, JALGAON
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क्रम सं/SL No :022141554

पेटेंट कार्यालय, भारत सरकार **The Patent Office, Government Of India**

पेटेंट प्रमाण पत्र | **Patent Certificate**

(पेटेंट नियमावली का नियम 74) | (Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No.	: 524892
आवेदन सं. / Application No.	: 201821037901
फाइल करने की तारीख / Date of Filing	: 06/10/2018
पेटेंटी / Patentee	: 1.Dr. Ratnadeep R. deshmukh 2.Dr. Pramod B. Patil 3.Mr Kanchan S Bhagat 4.Dr. Dnyaneshwar K Kirange
आविष्कारकों का नाम /Name of Inventor(s)	: 1.Dr. Ratnadeep R. deshmukh 2.Dr. Pramod B. Patil 3.Mr Kanchan S Bhagat 4.Dr. Dnyaneshwar K Kirange 5.Dr. Shubhangi D patil 6.Dr. Jitendra P Chaudhari 7.Mohammed Laeeq

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित *SOPES: METHOD, APPARATUS, SYSTEM, PROTOCOL AND PROCESS OF SELF ORGANIZED EMERGENCY SERVICES* नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अक्टूबर 2018 के छठे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled *SOPES: METHOD, APPARATUS, SYSTEM, PROTOCOL AND PROCESS OF SELF ORGANIZED EMERGENCY SERVICES* as disclosed in the above mentioned application for the term of 20 years from the 6th day of October 2018 in accordance with the provisions of the Patents Act,1970.

अनुदान की तारीख :
Date of Grant : 14/03/2024

पेटेंट नियंत्रक
Controller of Patents

टिप्पणी – इस पेटेंट के नवीनीकरण के लिए फीस, यदि इसे जमा रखा जाना है, अक्टूबर 2020 के छठे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained, will fall / has fallen due on 6th day of October 2020 and on the same day in every year thereafter.

चूंकि पेटेंटी न आविष्कारकों की संख्या अधिक है, पेटेंटी न आविष्कारकों के नाम पृष्ठ संख्या 2 पर जारी है।
"Since the Number of Patentees / Inventors is more, the name of Patentees / Inventors are continued on Page No. 2

INSTITUTION'S
INNOVATION
COUNCIL
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MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

BAMBHORI, JALGAON
ISO9001:2015

INTELLECTUAL
PROPERTY INDIA

ORIGINAL
क्रम सं/ Serial No. : 142074

पेटेंट कार्यालय, भारत सरकार   The Patent Office, Government Of India

डिज़ाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिज़ाइन सं. / Design No.   :   383499-001

तारीख / Date   :   10/04/2023

पारस्परिकता तारीख / Reciprocity Date* :

देश / Country   :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिज़ाइन जो *PV ROOFTOP SOLAR PLANT PEDESTAL* से संबंधित है, का पंजीकरण, श्रेणी 13-04 में 1.Sudhakar Bhika Pawar 2. M. Mujtahid Ansari 3.Mujahid Husain 4.Hemraj Ramdas Kumavat के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 13-04 in respect of the application of such design to *PV ROOFTOP SOLAR PLANT PEDESTAL* in the name of 1.Sudhakar Bhika Pawar 2. M. Mujtahid Ansari 3.Mujahid Husain 4.Hemraj Ramdas Kumavat.

डिज़ाइन अधिनियम, 2000 तथा डिज़ाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि?   17/08/2023
Date of Issue

महानियंत्रक पेटेंट, डिज़ाइन और व्यापार रेड्र.
Controller General of Patents, Designs and Trade Marks

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

BAMBHORI, JALGAON
ISO9001:2015

INTELLECTUAL
PROPERTY **INDIA**

ORIGINAL
क्रम सं/ Serial No. : 163819

पेटेंट कार्यालय, भारत सरकार   The Patent Office, Government Of India

डिजाइन के पंजीकरण का प्रमाण पत्र | Certificate of Registration of Design

डिजाइन सं. / Design No.   :   407863-001

तारीख / Date   :   17/02/2024

पारस्परिकता तारीख / Reciprocity Date*   :

देश / Country   :

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो *EMF RADIATION EFFECT MONITORING DEVICE* से संबंधित है, का पंजीकरण, श्रेणी 10-05 में 1.Dhirajkumar Gokulchand Agrawal 2. Dr. Paresh Jaychand Shah 3.Dr. Krishnakant Prabhudas Adhiya के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-05 in respect of the application of such design to *EMF RADIATION EFFECT MONITORING DEVICE* in the name of 1.Dhirajkumar Gokulchand Agrawal 2. Dr. Paresh Jaychand Shah 3.Dr. Krishnakant Prabhudas Adhiya.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अध्यधीन प्रावधानों के अनुसरण में।
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

जारी करने की तिथि :
Date of Issue   09/04/2024

हसंल की ऑडिव
महानियंत्रक पेटेंट, डिजाइन और व्यापार रेड़
Conter La General of Patents, Designs and Trade Marks

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

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Extracts from the Register of Copyrights

INTELLECTUAL PROPERTY INDIA

प्रतिलिप्यधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

दिनांक/Dated:20/11/2024

1.	पंजीकरण संख्या/Registration Number	: L-157030/2024
2.	आवेदक का नाम, पता तथा राष्ट्रीयता Name, address and nationality of the applicant	: ATUL HIRALAL KARODE , 13 B KHANDESH MILL COLONY JALGAON-425001 INDIAN
3.	कृति के प्रतिलिप्यधिकार में आवेदक के हित की प्रकृति Nature of the applicant's interest in the copyright of the work	: AUTHOR
4.	कृति का वर्ग और वर्णन Class and description of the work	: LITERARY/ DRAMATIC WORK ENHANCED CRYPTOGRAPHIC ALGORITHM FOR LIGHT WEIGHT NETWORK
5.	कृति का शीर्षक Title of the work	: ENHANCED CRYPTOGRAPHIC ALGORITHM FOR LIGHT WEIGHT NETWORK
6.	कृति की भाषा Language of the work	: ENGLISH
7.	रचयिता का नाम, पता और राष्ट्रीयता तथा यदि रचयिता की मृत्यु हो गई है तो मृत्यु की तिथि Name, address and nationality of the author and if the author is deceased, date of his decease	: ATUL HIRALAL KARODE , 13 B KHANDESH MILL COLONY JALGAON-425001 INDIAN SHEKHAR R SURALAKR , PLOT NO 25 PARAKH NAGAR JALGAON-425001- INDIAN
8.	कृति प्रकाशित है या अप्रकाशित Whether the work is published or unpublished	: UNPUBLISHED
9.	प्रथम प्रकाशन का वर्ष और देश तथा प्रकाशक का नाम, पता और राष्ट्रीयता Year and country of first publication and name, address and nationality of the publisher	: N.A.
10.	बाद के प्रकाशनों के वर्ष और देश, यदि कोई हों, और प्रकाशकों के नाम, पते और राष्ट्रीयताएँ Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	: N.A.
11.	कृति में प्रतिलिप्यधिकार सहित विभिन्न अधिकारों के स्वामियों के नाम, पते और राष्ट्रीयताएं और समनुदेशन और अनुज्ञप्तियों के विवरण के साथ प्रत्येक के अधिकार का विस्तार, यदि कोई हों। Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	: ATUL HIRALAL KARODE , 13 B KHANDESH MILL COLONY JALGAON-425001 INDIAN SHEKHAR R SURALAKR , PLOT NO 25 PARAKH NAGAR JALGAON-425001- INDIAN
12.	अन्य व्यक्तियों के नाम, पते और राष्ट्रीयताएं, यदि कोई हों, जो प्रतिलिप्यधिकार वाले अधिकारों को समनुदेशित करने का अनुज्ञप्ति देने के लिए अधिकृत की Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright	: N.A.
13.	यदि कृति एक कलात्मक कृति है, तो कृति पर अधिकार रखने वाले व्यक्ति का नाम, पता और राष्ट्रीयता सहित मूल कृति का स्थान। (एक वास्तुशिल्प कृति के मामले में कृति पूरी होने का वर्ष भी दिखाया जाना चाहिए) If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown)	: N.A.
14.	यदि कृति एक कलात्मक कृति है जो किसी भी माल या सेवाओं के संबंध में उपयोग की जाती है या उपयोग किए जाने में सक्षम है, तो आवेदन में प्रतिलिप्यधिकार अधिनियम, 1957 की धारा 45 की उप-धारा (i) के प्रावधान के अनुसार व्यापार चिह्न रजिस्ट्रार से प्रमाण पत्र शामिल होना चाहिए। If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.	: N.A.
15.	यदि कृति एक कलात्मक कृति है, तो क्या यह डिज़ाइन अधिनियम 2000 के तहत पंजीकृत है? यदि हां, तो विवरण दें। If the work is an 'Artistic work', whether it is registered under the Designs Act 2000, if yes give details.	: N.A.
16.	यदि कृति एक कलात्मक कृति है, जो डिज़ाइन अधिनियम 2000 के तहत एक डिज़ाइन के रूप में पंजीकृत होने में सक्षम है, तो क्या यह औद्योगिक प्रक्रिया से किसी वस्तु पर प्रयुक्त की गई है और यदि हां, तो कितनी बार पुनरुत्पादित किया गया है? If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000, whether it has been applied to an article through an industrial process and ,if yes ,the number of times it is reproduced.	: N.A.
17.	टिप्पणी, यदि कोई हों/Remarks, if any	:

डायरी संख्या/Diary Number: 21943/2024-CO/L

आवेदन की तिथि/Date of Application: 10/07/2024

प्राप्ति की तिथि/Date of Receipt: 10/07/2024

Registrar of Copyrights

- No. of Student &Faculty Start-ups/Ventures established.
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus -Rs - 20000/-
- Amount grant or fund supported to student &Faculty lead Innovations, start-ups and IPR –Rs – 20000/-
- No. of Technology Transfer and Commercialisation happened

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum
[Profile of few faculties with 2-3 line of their achievements]

Bambhori Pr. Chandsar, Maharashtra, India
2F3V+6H7, Bambhori Pr. Chandsar, Maharashtra 425002, India
Lat 21.003138°
Long 75.493812°
19/12/24 12:56 PM GMT +05:30

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

Secured 3rd rank at the national-level project competition held at V.B. Kolte College of Engineering, Malkapur.

Secured 3rd rank at the national-level project competition held at V.B. Kolte College of Engineering, Malkapur.

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

I. List if any break through Innovations / Technology Developed at the institute

1. **SSBT Girls Hostel Attendance Form with GEO Tag and Location Capture System: Developed and contributed by Principal Dr. G. K. Patnaik and Computer Department**

   System Overview:

   - A system designed for SSBT Girls Hostel to monitor student attendance.
   - Incorporates GEO tagging to ensure the location where the attendance is marked.
   - Captures and stores location data, helping verify the presence of students at the hostel.

   Key Features:

   - **Real-time Location Tracking:** Captures location when students sign in/out.
   - **Attendance Form:** Digital form linked with the GEO tag for precise tracking.
   - **Security & Compliance:** Enhances safety and adherence to hostel policies.

   Usage:

   - Used for daily check-ins and monitoring of students within the hostel premises.
   - Ensures students are where they are supposed to be during designated times.

2. **Student Education Verification System: Developed by Dr. A. D. Waghmare and Mr. Mohit Patil under the guidance of Principal Dr. G. K. Patnaik**
   Purpose:

   - This system automates the verification process of student educational records for institutions and employers.

   Key Features:

   - **Automated Verification:** Validates academic credentials against institutional databases.
   - **Secure Data Handling:** Ensures data privacy and integrity during the verification process.
   - **Real-time Access:** Provides immediate verification results, reducing time and effort for both requestors and institutions.

   Usage:

   - Employers use it to verify qualifications during recruitment.
   - Educational institutions use it for alumni records verification.

3. **Student Online System: Developed by Mr. R. H. Patil under the guidance of Principal Dr. G. K. Patnaik**

Purpose:

- o A digital platform for managing various student-related activities, including enrollment, course registration, grades, and communication.

Key Features:

- o **Course Management:** Allows students to register for courses, access schedules, and track academic progress.
- o **Communication Hub:** Facilitates communication between students, faculty, and administration.
- o **Resource Access:** Provides access to study materials, assignments, and exam schedules.

Usage:

- o Students use it to manage their academic journey.
- o Institutions use it for centralized record-keeping and streamlined communication.

J. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs
   - ARIIA – participation and Rank
   - NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation
   - Smart India Hackathon etc.

Glimpses of Smart India Hackathon 2024 Participation

K. Detail of Social Media &Connections of IIC institute

Youtube: SSBT's WORLD - link: https://www.youtube.com/results?search_query=ssbt+world
Facebook : SSBT's COET Bambhori Jalgaon - Link:https://www.facebook.com/SSBTCOETOfficial/
Instagram https://www.instagram.com/coetjalgaon/

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's
    Innovation Cell - NIL
M. Images
    1. Under school connect program

2. Internal Hackathon and science exhibition

Internal Hackathon 2024

'स्टार्टअप इंडिया'ला गती देण्यासाठी 'हॅकेथॉन' स्पर्धेत ५० संघांचा सहभाग

प्रतिनिधी | जळगाव

डिजिटल इंडिया योजनेंतर्गत 'स्टार्टअप इंडिया' अभियानाला चालना देण्यासाठी एसएसबीटी अभियांत्रिकी महाविद्यालयात स्मार्ट इंडिया हॅकेथॉन स्पर्धेचे आयोजन करण्यात आले.

विद्यार्थ्यांना दैनंदिन जीवनातील महत्त्वाच्या समस्यांवर उपाय शोधण्यासाठी आणि नावीन्यपूर्ण विचारसरणी विकसित करण्यासाठी एक व्यासपीठ प्रदान करणारा राष्ट्रव्यापी उपक्रम आहे. यातून विद्यार्थ्यांच्या सर्जनशीलतेला वाव देणे, स्टार्टअप इंडिया अभियानाला चालना देणे, प्रशासन आणि

जळगावातील 'हॅकेथॉन' स्पर्धेत माहिती देताना सहभागी संघातील विद्यार्थी.

जीवनमान सुधारण्यासाठी तांत्रिक उपाय शोधणे, देशातील गंभीर समस्यांवर नवकल्पनायुक्त उपाय सुचवण्याची संधी नागरिकांना देणे हे उद्दिष्ट आहे. स्पर्धेत ५० संघांनी सहभाग घेतला. यातून ४० संघ

स्मार्ट इंडिया हॅकेथॉन २०२४साठी नामांकित करण्यात आले. कॉलेजचे प्राचार्य डॉ. जी. के. पटनाईक, डॉ. एस. बी. पवार आणि संगणक विभागप्रमुख डॉ. मनोज पाटील यांनी स्पर्धेतील विजयी संघांना गौरवले.

Science Exhibition 2024

3. Achieving Problem-Solution Fit & Product-Market Fit

4. **National Science Day**

5. **Visit to plants**

Bambhori Pr. Chandsar, Maharashtra, India
2F8V+RPX, Dhule Hwy, Bambhori Pr. Chandsar, Maharashtra 425002, India
Lat 21.016965°
Long 75.494558°
07/04/25 11:20 AM GMT +05:30

Bambhori Pr. Chandsar, ...
2g74+c2x, Bambhori Pr. Chandsar,
Maharashtra 425002, India
Lat 21.01369° Long 75.504001°
21/03/2025 04:35 PM GMT +05:30

6. Environment protection and

Kadholi, Maharashtra, India
Xf6v+vm2, Kadholi, Maharashtra 425103, India
Lat 20.96201° Long 75.494102°
12/02/2025 12:40 PM GMT +05:30

Kadholi, Maharashtra, India
Xf6v+vm2, Kadholi, Maharashtra 425103, India
Lat 20.962013° Long 75.494061°
12/02/2025 12:37 PM GMT +05:30

7. School Connect

Vivekanand School Principal and their faculty members

Podar International School Science Exhibition

N. **Contact**
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