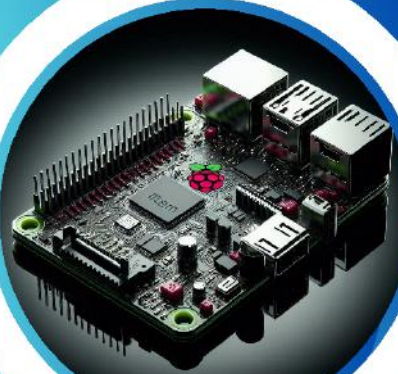


ANNUAL REPORT 2024-25



**B. P. Poddar Institute of Management and
Technology**

137 VIP Road, Kolkata 700052



**INSTITUTION'S
INNOVATION
COUNCIL (IIC)**

**B.P.Poddar Institute
of Management and Technology**

137 V.I.P. ROAD, KOLKATA-700052

 www.bppimt.ac.in

Institution's Innovation Council (IIC)
IIC ID: IC201912316

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Annual Report 2024-25

B.P. Poddar Institute of Management & Technology

137 VIP Road, Kolkata 700052

Institution's Innovation Council (IIC)

BPPIMT (VIP Campus) _IIC ID: IC201912316

A. About IIC Institute

An Institution's Innovation Council (IIC) is a program launched by the Indian Ministry of Education (MoE) in 2018 to foster a culture of innovation and entrepreneurship in higher educational institutions (HEIs). Its primary role is to organize various activities, such as ideation, design thinking, project development, and workshops, to engage students and faculty in entrepreneurial activities and establish a robust innovation ecosystem within institutions. The Ministry of Education's Innovation Cell (MIC) manages the IIC program nationwide.

- **Vision / Mission of IIC established at the Institute**
 - To create a networked platform and ecosystem for budding entrepreneurs who will act as the catalysts and incubators of technological development with a dream of Make in India.
 - To help students to organize and participate in various workshops, seminars, awareness camps and skill development training programs to instil entrepreneurship culture.
- **Journey of IIC established at the Institute**
 - B.P. Poddar Institute of Management and Technology 115, Kolkata has established Institution Innovation Council(IIC) as per the norms of Innovation Cell, Ministry of HRD, Govt. of India during IIC Calendar year 2018-19
 - 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

- **The Head of the Institution (HOI)**

The Head of the Institution (HOI) registers the Institution (**Institutional Registration**) on the IIC portal.

- **President**

The President will constitute the IIC council and appoint its members. She is responsible for ensuring that Quarterly Council Meeting is planned effectively. Conduct Council Meeting in accordance with prescribed rules and that matters are dealt with in an orderly, efficient manner. He/ She will lead the IIC Council.

- **Vice President**

Mentoring: Building and strengthening the mentor pool to support campus innovation and entrepreneurship

Identifying entrepreneurs: Identifying and guiding potential and early-stage entrepreneurs and student innovators

Developing talent: Developing a group of motivated students and faculty with entrepreneurial skills and orientation

Reporting: Submitting monthly progress and activity reports on the IIC Portal.

- **Convenor**

The Convenor will work in close coordination with IIC president and will provide help wherever required for smooth conduction of activities

- **Coordinator**

Student coordinator: Acts as a liaison between the IIC and students, Explaining the concept and participation methods for IIC activities.

They also volunteer for IIC programs and support faculty Coordinators.

NIRF (National Institutional Ranking Framework) Coordinator

The NIRF (National Institutional Ranking Framework) Coordinator within an Institution's Innovation Council (IIC) is responsible for overseeing and coordinating the activities related to NIRF rankings, specifically focusing on the "Innovation and Entrepreneurship" aspects. This role involves ensuring the institution's alignment with NIRF's parameters for

innovation, facilitating data collection, and promoting the institution's innovation and entrepreneurial ecosystem.

IPR (Intellectual Property Rights) Activity Coordinator

The IPR (Intellectual Property Rights) Activity Coordinator in an Institution's Innovation Council (IIC) is responsible for overseeing and coordinating all IPR-related activities within the IIC. This includes promoting awareness about IPR, providing guidance on protecting intellectual property, and potentially supporting patent filing and commercialization efforts.

Social Media Coordinator

Manages the IIC's social media accounts on platforms like Facebook, Twitter and YouTube. They post information about council meetings, activities, and action plans. They also ensure that students follow the IIC's social media accounts.

Innovation Activity Coordinator

An Innovation Activity Coordinator within an Institution's Innovation Council (IIC) is responsible for promoting and facilitating innovation-related activities on campus. This role involves organizing events like workshops, competitions, and idea generation sessions to foster a culture of innovation among students and faculty.

Star up Activity Coordinator

The Start-up Activity Coordinator in an Institution's Innovation Council (IIC) is responsible for promoting and facilitating startup-related activities within the institution. This includes boosting startup generation among students, organizing relevant events, and connecting students with the startup ecosystem.

Internship Activity Coordinator

In the Institution's Innovation Council (IIC), the Internship Activity Coordinator is responsible for arranging student internships, particularly in startups, to expose them to the startup ecosystem and its challenges. This role also involves organizing activities related to internships and providing support to students participating in them.

C. Committee Composition

An IIC (Institution's Innovation Council) cell typically comprises a committee with a variety of roles,















These are

- **President**
- **Vice President**
- **NIRF (National Institutional Ranking Framework) Coordinator**
- **IPR (Intellectual Property Rights) Activity Coordinator**
- **Innovation Activity Coordinator**
- **Convenor**
- **Star up Activity Coordinator**
- **ARIIA (Atal Ranking of Institutions on Innovation Achievements) Coordinator**
- **Social Media Coordinator**
- **Internship Activity Coordinator**
- **Apart from these will have student representatives, and external experts**

- Committee Members:**

The Institution's Innovation Council Committee of the Institute has been reconstituted with the following members with immediate effect.

1. Faculty Representation:

SL. NO.	PHOTO	NAME	DESIGNATION	ROLE
1		Prof.(Dr.) Sutapa Mukherjee	Principal	The Head of the Institution (HOI)
2		Dr. Sutapa Mukherjee (EE)	Associate Professor	President
3		Dr. Susmita Biswas (ECE)	Assistant Professor	Vice President
4		Dr. Bikromaditya Mondal(CSE)	Professor	IPR Activity Coordinator
5		Dr. Surajit Mandal(ECE)	Professor	NIRF Coordinator
6		Ms.Swagata(Gayen) Kundu(IT)	Assistant Professor	Social Media Coordinator
7		Ms. Rashmita Mishra (ECE)	Assistant Professor	Internship Activity Coordinator
8		Ms. Sujata Saha (EE)	Assistant Professor	Start-up Activity Coordinator
9		Mr. Suvadeep Bhattacharjee(CSE)	Assistant Professor	Innovation Activity Coordinator
10		Ms. Sudipta Roy(IT)	Assistant Professor	ARIIA Coordinator
11		Mr. Abhijit Gupta (Bas. Sc. & Hu.)	Assistant Professor	Member
12		Mr. Amartya Dutta (CSE)	Assistant Professor	Member
13		Dr. Inadyuti Dutt (MCA)	Assistant Professor	Convener
14		Dr. Binoy Krishna Biswas (Bas. Sc. & Hu.)	Assistant Professor	Member

2. Expert Representation:

Sl. No.	Name	E-Mail	Contact	Organization	Experience	Designation	Role
1	Dr. Susil Kumar Mitra	susilkmitra@rediffmail.com	9830367743	Intellectual Property Office (IPO), Govt. of India	35 years	EX-Deputy Controller of Patents & Designs & In-Charge, Design Office	Patent Expert
2	Mr. Chandra Shekhar Sengupta	chandrashekhar.sengupta@technicise.com	9831392394	TECHNICISE SOFTWARE & TECHNOLOGIES PRIVATE LIMITED	13 years	Software Architect	Start up/ Alumni Entrepreneur
3	Mr. Rahul Kumar	rahulkum484@gmail.com	9204232898	Cashnom.com	4 years	CEO & System Engineer	Expert from nearby Industry
4	Debajyoti Banerjee	debajyotib@7boats.com	8017049042	Seven Boats Info-System Private Limited & Seven Boats Academy	23 years	Founder, Director & CEO of Seven Boats Info-System Private Limited & Seven Boats Academy	Expert from nearby Industry
5	Atanu Roy Chowdhury	atanurc@capsulelabs.in	9830280409	Management Consultant for Transforming HEIs & TBIs	22 years	Management Consultant for Transforming HEIs & TBIs	Nearby Incubation Centre

3. Student Representation:

Sl. No.	Name	E-mail	Discipline	Semester	Stream	Year	Association with
1.	Ms Tanushka Joshi	tanushkajoshi02@gmail.com	EE	7th	B. Tech	4th	Innovation coordinator
2.	Gaurav Kumar	gaurav.it223040@bppimt.ac.in	IT	5th	B.Tech	2nd	Startup Coordinator
3.	Arpan Pal	arpan.ee623005@bppimt.ac.in	EE	5th	B.Tech	3rd	Social Media coordinator
4.	Sabuj Bhattacharya	sabuj2003bhattacharya@gmail.com	EE	7th	B.Tech	4th	Internship coordinator
5.	Gaurav Kumar	gaurav.it223040@bppimt.ac.in	IT	5th	B.Tech	2nd	IPR coordinator
6.	RIshav Gupta	rishavgupta853@gmail.com	CSE	5th	B.Tech	2nd	General Member
7.	Abhishek Saha	abhishek.it221009@bppimt.ac.in	IT	5th	B.Tech	3rd	General Member
8.	Prantik Ghosh	prantik.ece323052@bppimt.ac.in	ECE	5th	B.Tech	3rd	Innovation coordinator

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

- Dedicated room with computers and Wi Fi connection has been allotted for the smooth running of the various activities under IIC Cell.
- Our institute faculty members and alumni members act as mentors.
- Our Alumni Entrepreneurs usually come to our Institute and address the students sharing their journey of being an Entrepreneur.
- In addition to your coursework, students have the opportunity to engage in various projects, seminars, and hackathons. Our affiliation with the Institution of Engineering and Technology (IET) Kolkata Chapter, SPIE, IEEE, ACM also open doors for them to participate in diverse projects both within Kolkata and internationally. At this, they gather knowledge and innovative idea regarding different projects.

One of the important and inspiring facilities of IIC is the BPPIMT Robotics Club, also known as **Divyantra**, is part of the institute's Techforum as well as IIC and is dedicated to promoting interest and skills in robotics through workshops and competitions. The club has organized events like workshops on robotics and automation, and its members have achieved significant success.

Key Activities & Achievements

- **Workshops:**

The club organizes workshops and events to provide hands-on learning experiences in robotics and automation for students.

- **Inter-Institute Competitions:**

Members of the robotics club, such as the team DEVTA, have participated and won prizes in major inter-institute events like the Robo war at KSHITIJ 2024 and the Aqua Rush competition at Celesta'23.

- **Community Outreach:**

The club collaborates with other departments to conduct robotics and management workshops for school students, aiming to foster curiosity and provide career guidance.

Club Name and Affiliation





- The official name of the robotics club at BPPIMT is Divyantra.
- It is a part of Techforum (Abhyantran), the institute's technical forum.

Examples of Success

- Team DEVTA won first place in the Aqua Rush competition at Celesta'23 (IIT Patna) in 2023.
- Members of Team DEVTA also secured second position in the Robo war at KSHITIJ 2024 (IIT Kharagpur) in 2024 and won an award for the most destructive bot.

- **Annual Planner**
IIC Calendar Activities for Academic Year 2024-25

IIC7.0 Calendar Activities for Academic Year 2024-25				
Semester -1 (September – February)				
Quarter 1 (1st September - 30th November)				
Sr. No	Activity	Suggestive Mode of Conduct of Activity	Suggestive Level of Activity	Thrust Area of Activity
1	Workshop on “Entrepreneurship and Innovation” as a Career Opportunity	Offline/Online	1 or 2	Conducting a Maximum Number of prescribed activities focuses on Inspiration, Motivation, and Ideation
2	My Story - Motivational Session by Successful Innovators	Offline/Online	1	
3	From Idea to Impact - Motivational Session by Successful Entrepreneur/Start-up Founder	Offline/Online	1	
4	Session on Problem Solving and Ideation Workshop	Offline/Online	1 or 2	
5	Session on the “Basics of Intellectual Property Rights and its Importance for Innovators and Entrepreneurs”.	Offline/Online	1 or 2	
6	Exposure and Field Visits for Problem Identification: Aligning with UN SDGs and Exploring Emerging Areas of Technologies	Offline	2 or 3	
7	Organize an Inter/Intra Institutional Idea Competition/ Challenge/ Hackathon, and Reward the Best Ideas and deposition in the Institution’s YUKTI Innovation Repository	Offline/Hybrid	3 or 4	
8	Idea Showcase: Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline/Hybrid	3 or 4	
Quarter 2 (1st December - 28th February)				
1	Workshop on Design Thinking, Critical thinking and Innovation Design	Offline/Online	2 or 3	Conducting a Maximum Number of prescribed activities focuses on Idea/innovation on Validation and Concept Development
2	Organizing Innovation & Entrepreneurship Outreach Program in Schools by engaging active Atal Tinkering Labs and School Innovation Council (SIC)	Offline	1 or 2	
3	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer	Online/Offline	1	
4	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs /Startups	Online/Offline	1 or 2	
5	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit	Online/Offline	1 or 2	
6	Field/Exposure Visit to Pre-incubation units such as AICTE Idea Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	Offline	2 or 3	
7	Organize an Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward the Best Innovations and deposition in the Institution’s YUKTI Innovation Repository	Offline/Hybrid	3 or 4	
8	Innovations Showcase: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support	Offline/Hybrid	3 or 4	

   				
IIC7.0 Calendar Activities for Academic Year 2024-25				
Semester II (March- August)				
Quarter 3 (1st March - 31st May)				
1	Workshop on Prototype/Process Design and Development.	Offline/Online	2 or 3	Conducting a Maximum Number of prescribed activities focuses on Prototype, Design, Process Development for Business Model/ Process/ Services
2	Session/ Workshop on Business Model Canvas (BMC)	Offline/Online	1 or 2	
3	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre such as Atal Incubation Centre etc.	Offline	2 or 3	
4	Session on "How to plan for Start-up and legal & Ethical Steps"	Offline/Online	1	
5	Workshop on "Raising Capital and Managing Finance for Startups"	Offline/Online	1 or 2	
6	Workshop on "Protecting Intellectual Property Rights (IPRs) and IP Management for Startups"	Offline/Online	1 or 2	
7	Organize an Inter/Intra Institutional Business Plan Competition and Reward the Best Innovations and deposition in the Institution's YUKTI Innovation Repository	Offline/Hybrid	3 or 4	
8	B-Plan Pitch: Demo Day/Exhibition/Poster Presentation of Business Plans & linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline/Hybrid	3 or 4	
Quarter 4 (1st June - 31st August)				
1	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving "Value Proposition Fit" & "Business Fit"	Offline/Online	1 or 2	Conducting a Maximum Number of prescribed activities focuses on Awareness about Startup and related Ecosystem Support Services for Startup Development
2	Session on Accelerators/Incubation -Opportunities for Students & Faculties – Early-Stage Entrepreneurs	Offline/Online	1 or 2	
3	Organize Session on "Lean Start-up & Minimum Viable Product/Business"- Boot Camp (or) Mentoring Session	Offline/Online	1 or 2	
4	Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs.	Offline/Online	1 or 2	
5	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	Offline/Online	1	
6	Organizing Innovation & Entrepreneurship Outreach Program by involving ATLS/SICs in Schools	Offline/Hybrid	2 or 3	
7	Organize an Inter/Intra Institutional Start-up Competition and Reward the Best Start-ups and deposition in the Institution's YUKTI Innovation Repository	Offline/Hybrid	3 or 4	
8	Startup Summit: Demo Day/Exhibition/Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support	Offline/Hybrid	3 or 4	



Activity Level Description

Level	Event/Activity types	Duration
Level 1	<ul style="list-style-type: none"> • Expert Talk • Mentoring Session • Exposure Visit • Seminar • Conference • Exposure Visit • Panel Discussion • Roundtable Discussion • Networking Event 	An Activity of 2 to 4 contact hours Duration (or) A Half Day Event <i>(Pre-Event Preparation Period is Excluded)</i>
Level 2	<ul style="list-style-type: none"> • Workshop • Seminar • Conference • Exposure Visit • Panel Discussion • Roundtable Discussion • Networking Event 	An Activity of 5 to 7 contact hours Duration (or) A Full Day Event <i>(Pre-Event Preparation Period is Excluded)</i>
Level 3	<ul style="list-style-type: none"> • Workshop • Boot Camp • Innovation Exhibition/ Startup Showcase • Demo Day • Competition • Hackathons • Conference 	An Activity of 8 to 15 contact hours Duration (or) More Than A Day but Less Than Two <i>(Pre-Event Preparation Period is Excluded)</i>
Level 4	<ul style="list-style-type: none"> • Tech Fest • Challenge • Hackathon • Competition • Workshop • Boot Camp • Innovation Exhibition/ Startup Showcase 	An Activity of more than 16 contact hours Duration (or) More Than Two Day Activity. <i>(Pre-Event Preparation Period is Excluded)</i>

Total IIC Activities held in AY 2024-2025 from IIC Portal



IIC Report Details



B. P. Poddar Institute of Management and Technology , West Bengal , Kolkata

Activity Report submitted for the academic year 2024-25

S.NO.	ACTIVITY	TOTAL SUBMISSION	STATUS
1	IIC Calender Activity	17	Submitted - 17
2	Celebration	9	Submitted - 9
3	Self Driven	38	Submitted - 38
4	MIC Driven	7	Submitted - 7

This report is electronically generated against report submitted on Institution's Innovation Council Portal.

IIC Activities held in BPPIMT in AY 2024-25

Sl. No.	Quarter	Date	Activity	Resource Person (If any)	Total Number of Student Participants	Mapped POs
1	Quarter I	09/19/2024	Workshop on Entrepreneurship and Innovation as Career Opportunity	Mr. Debasish Bakshi, the Training and Placement Officer of this Institute.	142	PO6, PO7, PO8, PO10, PO12,
2	Quarter I	09/11/2024	National Entrepreneurship Day	Dr Sutapa Mukherjee President, IIC & Coordinator, ED Cell (Sphuran), BPPIMT	120	PO6, PO7, PO8, PO10, PO12,
3	Quarter I	05/11/2024	lecture session on Integration of Humanitarian Technologies in the field of Illumination Engineering	Dr. Suddhasatwa Chakraborty, Associate Professor in Department of Electrical Engineering, Jadavpur University	55	PO6, PO7, PO8, PO10, PO12
4	Quarter I	04/10/2024	Workshop on "Nirmiti 2024 - A Startup Conclave"	Dr. Sutapa Mukherjee, President, IIC was the mentor for these groups	200	PO6, PO7, PO8, PO9, PO10, PO12
5	Quarter I	07/09/2024	Organize an Inter/Intra Institutional Idea Competition/Challenge/ Hackathon, and Reward the Best Ideas and deposition in the Institution YUKTI Innovation Repository	Dr. Susmita Biswas, the vice president of IIC conducted this event	198	PO6, PO7, PO8, PO9, PO10, PO12
6	Quarter I	23/11/2024	My Story - Motivational Session by Successful Innovators	Mr. Soumitra Bose, was the Guest Speaker who involved in Peoples Diagnostics Research Laboratory(PDxRL)	150	PO6, PO7, PO8, PO10, PO12
7	Quarter I	04/09/2024	School Connect Programs	Mr. Aritra Ghosh, Assistant Professor (EE) and Ms Sudipta Roy, Assistant Professor (IT), BPPIMT	110	PO6, PO7, PO8, PO10, PO12
8	Quarter I	30/10/2024	MSME IDEA HACKATHON 4.0	President and her team conducted the event with Resource Person Atanu Roy Chowdhury, Management Consultant for Transforming HEIs & TBIs and his team	55	PO6, PO7, PO8, PO10, PO11, PO12

Sl. No.	Quarter	Date	Activity	Resource Person (If any)	Total Number of Student Participants	Mapped POs
9	Quarter II	30/11/2024	Workshop on Intellectual Property and Technology Transfer	Mr. Sayantan Mukherjee (Founder, The Innovators' Garage) and Shri Yogesh D Brahmankar, Innovation Director, AICTE, MIC	55	PO6, PO7, PO8, PO10, PO11, PO12
10	Quarter II	06/12/2024	Innovation Showcase: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support	Judges Mr. Aritra Ghosh Department of Electrical Engineering, BPPIMT and Mr. Shubhashis Mallick, Department of Computer Science and Engineering. BPPIMT	100	PO6, PO7, PO8, PO10, PO12
11	Quarter II	11/12/2024	lecture session on "Industrial Automation using PLC, Scada and Drives"	Mr. Joydeep Nath, Chartered Engineer in Electrical & Comm Engineering, Institute of Engineers Mr. Apratim Chaudhury, Senior Consultant of Academic & Engineering, Logarithm Consultancy Pvt. Ltd,	63	PO6, PO7, PO8, PO10, PO12
12	Quarter II	19/12/2024	School Connect Program on Innovation & Entrepreneurship Outreach Program, Robotics & Management Workshop	Conducted By IIC NIRF Coordinator Dr. Surajit Mandal, Mr. Subhasish Das, Coordinator of Robotics club of BPPIMT	102	PO6, PO7, PO8, PO10, PO11, PO12
13	Quarter II	08/02/2025	Session on Achieving Problem-Solution Fit & Product-Market Fit	Ms. Debjani Chakraborty, Faculty Member of BPPIMT was the speaker	110	PO6, PO7, PO8, PO10, PO12
14	Quarter II	17/01/2025	MEGHNAD SAHA SMARAK BIGYAN MELA (SCIENCE FAIR)	Organized by Paschim Banga Vigyan Parishad	66	PO6, PO7, PO8, PO10, PO12
15	Quarter II	15/02/2025	Workshop on Design Thinking, Critical thinking and Innovation Design	Mr. Abhijit Gupta, Assistant Professor, Department of Basic Science and Humanities, BPPIMT	120	PO6, PO7, PO8, PO10, PO11, PO12
16	Quarter II	21/02/2025	"Matri Bhasa Diwas"	Conducted by IIC in Collaboration with NSS cell of BPPIMT and Visual Arts' Forum	150	PO6, PO7, PO8, PO10, PO12
17	Quarter II	07/12/2024	National Pollution Control Day	Dr. Sutapa Mukherjee, President, IIC, BPPIMT	95	PO6, PO7, PO8, PO10, PO12
18	Quarter II	04/02/2025	Innovative Model Competition at Pragati 2025	Hosted by the MCKV Institute of Engineering from February 4th-6th, 2025	65	PO6, PO7, PO8, PO9, PO11, PO10, PO12
19	Quarter II	22/02/2025	Project Model Competition at Tech Xcelerate 2025	Mentor Mr. Aritra Ghosh, Asst. Professor, EE, BPPIMT	65	PO6, PO7, PO8, PO9, PO10, PO11, PO12
20	Quarter II	14/12/2024	National Energy Conservation Day (India)	Mr Rajmohan De Sarkar, Founder, Director of Ardent Computech Pvt. Ltd.	120	PO6, PO7, PO8, PO10, PO12
21	Quarter II	18/01/2025	National Youth Day	Conducted By NSS cell in collaboration with IIC	61	PO6, PO7, PO8, PO9, PO10, PO12

Sl. No.	Quarter	Date	Activity	Resource Person (If any)	Total Number of Student Participants	Mapped POs
22	Quarter II	22/02/2025	Session on Masters in Abroad Global Opportunities (Higher Studies)	Mr. Souvik Roy & Mr. Rajib Bhattacharya from Frame Learning	70	PO6, PO7, PO8, PO10, PO12
23	Quarter II	28/03/2025	National Science Day Celebration	Dr. Sutapa Mukherjee, President of IIC was the keynote speaker	120	PO6, PO7, PO8, PO10, PO12
24	Quarter II	28/01/2025	KOLKATA INTERNATIONAL BOOK FAIR, 2025	The 48th International Kolkata Book Fair (IKBF 2025) took place from January 28 to February 9, 2025, at the Boimela Prangan Karunamoyee in Salt Lake	100	PO6, PO7, PO8, PO9, PO10, PO12
25	Quarter III	21/02/2025	Workshop on "Python with AI & ML	Mr. Mahendra Dutta, Technical Head, and Mr. Rajesh Mitra, Ardent Computech Pvt. Ltd.	55	PO6, PO7, PO8, PO10, PO12
26	Quarter II	01/03/2025	Workshop on Robotics	Student volunteers, Sagnick Routh and Prabuddha Bikash Chatterjee and Mr. Subhasish Das, Asst. Professor, EE, BPPIMT.	120	PO6, PO7, PO8, PO10, PO11, PO12
27	Quarter III	08/03/2025	International Women's Day	Conducted by NSS cell in collaboration with IIC and Visual Arts' Forum of BPPIMT	150	PO6, PO7, PO8, PO9, PO10, PO12
28	Quarter III	24/02/2025	Field/Exposure Visit to Pre-incubation units such as AICTE Idea Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	Conducted by President, IIC with her team	51	PO6, PO7, PO8, PO10, PO11, PO12
29	Quarter II	11/03/2025	Session on "aligning curriculum gap with recent industry trends"	Mr. Raj Mohan Dey, Technical Director, Ardent Computech Pvt. Ltd.	90	PO6, PO7, PO8, PO10, PO12
30	Quarter III	03/03/2025	Social Awareness Program Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre such as Atal Incubation Centre etc	Prof. (Dr.) Ivy Majumdar and IIC member Prof. (Dr.) Surajit Mandal, BPPIMT	50	PO6, PO7, PO8, PO10, PO12
31	Quarter III	06/03/2025	Gap lecture on NoSQL with MongoDB	Ardent Computech Pvt. Ltd.	60	PO6, PO7, PO8, PO10, PO12
32	Quarter III	25/03/2025	Winner at Inter College Technical Festival ESPEKTRO	Organized by Kalyani Government Engineering College	150	PO6, PO7, PO8, PO10, PO12
33	Quarter III	03/04/2025	Workshop on 'Raising Capital and Managing Finance for Startups, 2025 '	Mr. Arab Basu, Co-founder and CEO of the research-driven, innovative EdTech firm Yancha Positive Parenting LLP.	60	PO6, PO7, PO8, PO10, PO11, PO12
34	Quarter III	08/04/2025	Industrial Visit at Kolaghat Thermal Power Station (KTPS)	Ms. Sujata Saha , Start-up Activity Coordinator and other faculty members and students from EE department visited the Power Station	45	PO6, PO7, PO8, PO10, PO12
35	Quarter III	29/03/2025	Industrial Visit at Haldia Energy Limited (HEL)	Mr. Sandip Kundu, Officer, Haldia Energy Limited.	45	PO6, PO7, PO8, PO10,

Sl. No.	Quarter	Date	Activity	Resource Person (If any)	Total Number of Student Participants	Mapped POs
						PO12
36	Quarter III	29/03/2025	Industrial Visit at Haldia Energy Limited (HEL)	Mr. Sandip Kundu, Officer, Haldia Energy Limited.	45	PO6, PO7, PO8, PO10, PO12
37	Quarter III	28/03/2025, 28/03/2025 and 08/04/2025	3-day Hands on Workshop on IoT	Dr. Inadyuti Dutt, Asst. Professor (MCA) and Departmental in Charge and Mr. Arghyadeep Chatterjee, Technical Assistant, Department of Computer Applications	45	PO6, PO7, PO8, PO10, PO12
38	Quarter III	04/04/2025	Budding Genius(Technomania Junior (hardware model competition), Code Bee Junior (coding competition), and iLLumZen (management game))	Judges Prof. (Dr.) Nandita Sanyal, Principal, BPPIMT Salt Lake Campus, and Dr. Somali Sikdar, Assistant Professor, BPPIMT VIP Road Campus	100	PO6, PO7, PO8, PO10, PO12
39	Quarter III	25/03/2025, 26/03/2025 and 04/04/2025	A 3-Day Hands-on Workshop on IoT	Ardent Computech Pvt. Ltd., Kolkata,	45	PO6, PO7, PO8, PO10, PO12
40	Quarter III	17/03/2025, 18/03/2025 and 22/03/2025	TECHNICAL FORUM (Abhyantran), BPPIMT In association with IIC, BPPIMT	Chief Guest. (Dr.) Amitava Gupta, from Department of Electrical Engineering, Jadavpur University	200	PO6, PO7, PO8, PO10, PO12
41	Quarter III	25/04/2025	Innovation & Entrepreneurship Outreach Program, Robotics & Management Workshop	Mr. Aritra Ghosh, Asst. Professor, EE, BPPIMT and Mr. Subhasish Das, , Asst. Professor, EE, BPPIMT	200	PO6, PO7, PO8, PO10, PO12
42	Quarter III	22/04/2025	Earth Day Celebration 2025	Dr. Binoy Krsishna Biswas , Member of IIC conducted the event	65	PO6, PO7, PO8, PO10, PO12
43	Quarter III	22/04/2025	Session/ Workshop on Business Model Canvas (BMC)	Mr. Abhijit Gupta, Assistant Professor, Basic Science and Humanities Department. BPPIMT	54	PO6, PO7, PO8, PO10, PO12
44	Quarter III	22/04/2025	Kalpakalam 2.25, an intra-college creative writing competition	Ms. Chandrani Das , Coordinator of Kalpakalam and Dr. Inadyuti Dutt, Convenor of IIC conducted the event	52	PO6, PO7, PO8, PO10, PO12
45	Quarter III	24/04/2025	Organized an Inter/Intra Business Plan Competition	Judged by Dr. Sutapa Mukherjee, Associate Professor and Dr. Surajit Mondal, Associate Professor	51	PO6, PO7, PO8, PO10, PO12
46	Quarter III	25/04/2025	Gap lecture on "Design Analysis & Algorithm"	Mr. Mahendra Dutta, Technical Head and Mr. Rajesh Mitra, Ardent Computech Pvt. Ltd.	52	PO6, PO7, PO8, PO10, PO12
47	Quarter III	05.04.2025, 07.04.2025, 21.04.2025 and 26.04.2025	A workshop on IOT and ML	Rajmohan Dey Sarkar and his team were the Resource Persons from Ardent Computech PVT.LTD.	41	PO6, PO7, PO8, PO10, PO12
48	Quarter III	21/04/2025	Inauguration of IP UTSAV and Celebration of World Creativity and Innovation Day	Ms. Sudipta Roy, ARIIA Coordinator conducted the event	52	PO6, PO7, PO8, PO10, PO12
49	Quarter III	22/04/2025	Discover more with Design Registrations: Masterclass on Patents and Design Registration	MIC-Driven Activity	57	PO6, PO7, PO8, PO10, PO12
50	Quarter III	23/04/2025	Copy That! Copyrights	Ms. Anooja Padhee Partner at K&S	53	PO6, PO7,

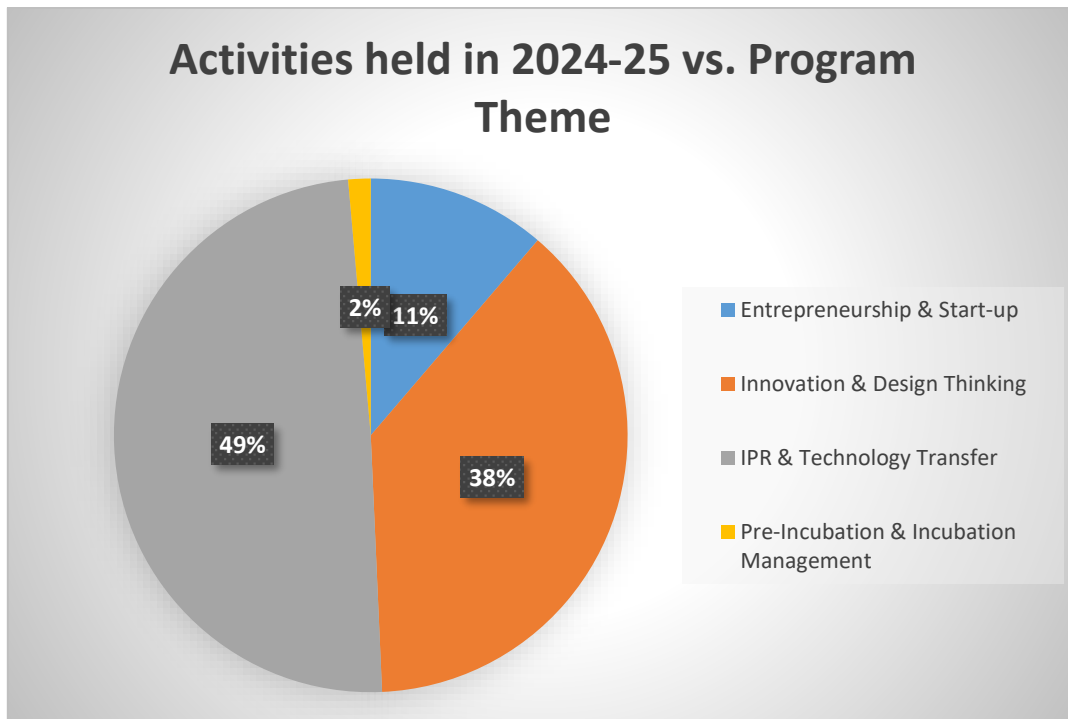
Sl. No.	Quarter	Date	Activity	Resource Person (If any)	Total Number of Student Participants	Mapped POs
			Uncovered: Masterclass on Copyrights	partners, Intellectual Property Attorneys Dr. Hemant Khosla Senior Examiner Of Trademarks & GI Designated as Deputy Registrar of Copyrights, DPIIT, Ministry of Commerce & Industry, Government of India		PO8, PO10, PO12
51	Quarter III	24/04/2025	Mark the Spot: Trademarks Talk: Masterclass on Trademarks and Geographical Indications	Dr. Rahul Taneja Scientist B at the Haryana State Council for Science, Innovation and Technology and a Registered Patent & Trademark Agent	69	PO6, PO7, PO8, PO10, PO12
52	Quarter III	25/04/2025	Significance of IP Protection and Commercialization	Dr. Sripathi Rao Kulkarni Senior Principal Scientist, CSIR Innovation Complex - Mumbai, Council of Scientific and Industrial Research	65	PO6, PO7, PO8, PO10, PO12
53	Quarter III	26/04/2025	Patent to Product (Srujanta Se Samruddhi)	Dr. Dara Ajay Head, Technology Transfer Office, IP Management Cell, IIT Madras, Expert in IP strategy, technology transfer, partner identification, and patent analytics	58	PO6, PO7, PO8, PO10, PO12
54	Quarter III	21/06/2025	International Yoga Day 2025	Dr. Susmita Biswas and Ms. Rashmita Mishra of IIC cell, BPPIMT	63	PO6, PO7, PO8, PO10, PO12
55	Quarter IV	01/06/2025	World Environment Day	Dr. Susmita Biswas, vice President was the speaker for this event	55	PO6, PO7, PO8, PO10, PO12
56	Quarter IV	21/06/2025	Industry Visit at Techno Exponent	Mr. Anup Kumar Paswan, Senior Software Developer, Techno Exponent, Euphoria GenX	65	PO6, PO7, PO8, PO10, PO12
57	Quarter IV	14/06/2025 to 18/06/2025	Seminar on "Sustainability, Climate Change and Automation: Technology Evolution Towards a Clean Energy Horizon"	Mr. Joy Chakraborty, Divisional Engineer, WBREDA; Mr. Ajeya Bandopadhyay, Asia Lead I Climate Change, International Finance Corporation; Mr. Rajib Das, Consultant E mobility; Dr. Arindam Kumar Sil, Associate Professor, Jadavpur University; Mr. Subhadip Sarkar, GM, Instrumentation & Automation Department Steel Authority of India Limited and Dr. Biswajit Debnath, Assistant Professor, Namtech, IIT Gandhinagar Campus.	55	PO6, PO7, PO8, PO10, PO12
58	Quarter IV	26/06/2025 to 27/06/2025	National Hackathon in 36-hour coding marathon at the Institute of Engineering and Management, Kolkata on 26th-27th June 2025	organized by the Institute of Engineering & Management (IEM)	100	PO6, PO7, PO8, PO10, PO12
59	Quarter IV	23/07/2025	Seminar on "Modern Trends of EV in Indian Industries"	Mr. Amitabh Sinha (Head of Growth, Membership & Accreditation – IET India) and Ms. Saudamini Dutta (Asst. Manager – Business Development, IET India)	135	PO6, PO7, PO8, PO10, PO12
60	Quarter IV	07/08/2025	A Tech Talk session on	Ms. Usha Rengaraju, the World's First	200	PO6, PO7,

Sl. No.	Quarter	Date	Activity	Resource Person (If any)	Total Number of Student Participants	Mapped POs
			"INTRODUCTION TO GEMINI CLI"	Woman Triple Kaggle Grandmaster		PO8, PO10, PO12
61	Quarter IV	07/08/2025 to 08/08/2025	Bharatiya Antariksh Hackathon (BAH) 2025	Organized by the Indian Space Research Organisation (ISRO) and hosted at the National Remote Sensing Centre (NRSC),	8,744 teams across the country	PO6, PO7, PO8, PO10, PO12
62	Quarter IV	14/08/2025 to 15/08/2025	"79th Independence Day of India "	The IIC Cell of BPPIMT in association with NSS unit and the Performing Arts Forum of BPPIMT	101	PO6, PO7, PO8, PO10, PO12
63	Quarter IV	15/08/2025	Celebration for SAP Lab Journey Opportunist	The Institution's Innovation Council (IIC) and Entrepreneurship Development Cell (Sphuran)		PO6, PO7, PO8, PO10, PO12
64	Quarter IV	21/08/2025	Celebration of World Entrepreneurs Day	Conducted by Dr. Susmita Biswas , IIC Vice President	55	PO6, PO7, PO8, PO10, PO12
65	IV	26/08/25	Session on Achieving "Value Proposition Fit" & "Business Fit"	Speaker was Dr. Arnab Basu, Cofounder & CEO – Yancha Positive Parenting LLP, Cofounder – GSOE Hospitality, Director Convener - Pointers Business Forum	70	PO6, PO7, PO8, PO10, PO12
66	Quarter IV	30/08/2025	<i>IGNITE 2025</i>	West Bengal Power Engineers	43	PO6, PO7, PO8, PO10, PO12
67	Quarter IV	19/09/2025	<i>IIC Annual Report uploaded on portal</i>	13/08/25 to 31/08/25 innovation Activity ,MIC Driven Activity		
68	Quarter IV	29/07/25	Session on "Incubation opportunities for Students and faculties: Early Stage Entrepreneurs"	Dr. Arnab Basu, Author Speaker Multidomain Entrepreneur	75	PO6, PO7, PO8, PO10, PO12
69	Quarter IV	22/08/25	Session on "Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs"	Speaker: CEO, Array Ventures & BPlan Experts	48	PO6, PO7, PO8, PO10, PO12
70	Quarter IV	20/06/25	Session on Panel Discussion'	Speaker: Mr. Rahul Joshi, Functional Consultant, Tata Consultancy Services	76	PO6, PO7, PO8, PO10, PO12
71	Quarter IV	28/07/25 to 02/08/25	Faculty Development Program (FDP) on 'Green IoT with AI for Sustainable Growth of the Society' held on	15 invited speakers, eminent experts such as Prof. Sourav Chakraborty (ISI Kolkata), Prof. Adrish Banerjee (IIT Kanpur), Prof. Sarbani Roy (Jadavpur University), Dr. Sudeshna Choudhury (TCS, Kolkata)	49	PO6, PO7, PO8, PO10, PO12

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

Table for Program theme of Activities held in 2024-25

S. No.	Program theme	Number of activity
1	Entrepreneurship & Start-up	08
2	Innovation & Design Thinking	27
3	IPR & Technology Transfer	35
4	Pre-Incubation & Incubation Management	01
	Total no of Events	71



Rating Certificate_2023-24





**MoE's
INNOVATION CELL**
(GOVERNMENT OF INDIA)



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





CERTIFICATE

Institution's Innovation Council (IIC) established at

B. P. Poddar Institute of Management and Technology , Kolkata

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2023-24.



Prof. TG Sitharam
Chairman
Aicte



Dr. Abhay Jere
Chief Innovation Officer
MOE, Innovation Cell

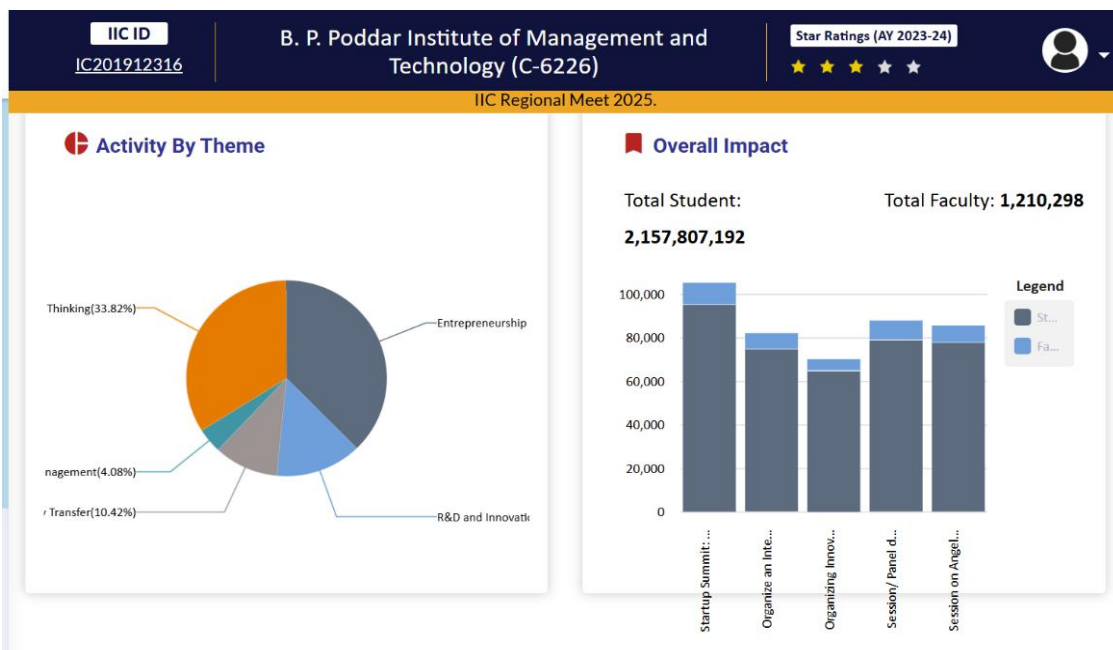


Mr. Dipan Sahu
Assistant Innovation Director
MOE, Innovation Cell

Certificate No : 1866

Issued On : 2025-01-16

Activity Chart from IIC_Portal for 2024-25



IIC_Appreciation_Letter_AY_2023_24



Letter of Appreciation

Dear Sir/Madam,

Please accept our sincere gratitude to all the chief functionaries and every members of the IIC Institution's Innovation Council (IIC) of B. P. Poddar Institute of Management and Technology for the continuous support and contribution towards building the innovation and entrepreneurship culture development in your campus and also extending support to help other IIC institutions towards growth of the IIC network during the academic year 2023-24.

Chief Functionaries of the IIC at B. P. Poddar Institute of Management and Technology , Kolkata

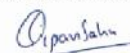
Name	Position
Dr. Sutapa Mukherjee	President
DR. BIKROMADITTYA MONDAL	NISP Co-ordinator
Dr. Surajit Mandal	NIRF Coordinator
Dr. Inadyuti Dutt	Convener
Mr. Amartya Dutta	Innovation Activity Coordinator
Ms. Rashmita Mishra	Internship Activity Coordinator
Ms. Sujata Saha	Start up Activity Coordinator
Dr. Bikromaditty Mondal	IPR Activity Coordinator
Ms. Swagata (Gayen) Kundu	Social Media Coordinator
Dr. Susmita Biswas	Vice President

As we are progressing towards a 'quality' driven I&E ecosystem development, we strongly believe that the IIC model and its unique structure is definitely putting your HEI's thoughts, actions and aspirations in a systematic way to achieve inclusive and holistic development of the ecosystem.

Thanks & regards.

Yours Sincerely,

Dipan Kumar Sahu



Assistant Innovation Director
MoE's Innovation Cell, Govt. of India

Achievements

a. *IGNITE 2025*

The **West Bengal Power Engineers' Association** successfully organized *IGNITE 2025* on **30th August, 2025** at **Vidyut Bhawan, Kolkata**. The event witnessed enthusiastic participation of **over 400 students from 25 engineering colleges across the state**, making it a grand success.

The program featured several technical and interactive sessions aimed at enhancing knowledge, innovation, and professional networking among budding engineers. The highlight of the event was a **quiz competition** organized at the concluding session, which drew wide participation and appreciation.

The **B.P. Poddar Institute of Management and Technology (BPPIMT)** actively participated in the event with a strong contingent of **43 students along with one faculty member, Mr. Aritra Ghosh, Assistant Professor, EE**. The performance of the students was commendable, bringing laurels to the institute. **Anubhav Ishan** from the **Information Technology Department** won the **3rd Prize** in the quiz competition. In addition, **Rankan Das (Electrical Engineering)**, **Sudiksha Singh (Electronics and Communication Engineering)**, and **Purnayan (Computer Science and Engineering)** received **Special Prizes** for their outstanding performance.





The event not only provided a platform for students to showcase their knowledge and skills but also encouraged them to strive for excellence in the field of engineering. The participation and achievements of BPPIMT students made the institute proud.

b. 36-hour coding marathon at the Institute of Engineering and Management, Kolkata on 26th-27th June 2025

It is a matter of great pride that the 2nd Prize at the prestigious IEM Hackolution Hackathon 2025, organized by the Institute of Engineering & Management (IEM), was secured by a team of students from the Department of Computer Science & Engineering of our institute, B. P. Poddar Institute of management and Technology. The team—Prottyoy Bhandary, Olivia Sikder, and Priyunshu Saha—was recognized for their innovative response to the problem statement “Decentralised Smart Invoice Platform for Merchants.”



c. ‘Budding Genius’ held on 04.04.2025

‘Budding Genius,’ an event for school and diploma college students, was organized jointly by the Outreach Program Committee, Tech Forum, and Institution’s Innovation Council (IIC), BPPIMT under Techstorm 2.25 on 04.04.2025 at BPPIMT VIP Road Campus. More than

100 students accompanied by teachers and parents from 15 institutes participated in three different competitions: Technomania Junior (hardware model competition), Code Bee Junior (coding competition), and iLLumIZen (management game). Prof. (Dr.) Nandita Sanyal, Principal, BPPIMT Salt Lake Campus, and Dr. Somali Sikdar, Assistant Professor, BPPIMT VIP Road Campus, graced the occasion as the judges of the Technomania Junior event. The event was highly appreciated by the participants, teachers, and parents. The winners of various events are as follows:

Event's Name	Position	Institute's Name	Student's Name
Technomania Junior	1st	Sithi R.B.T. Vidyapith	Santu Naiya
			Emon Sil
			Supriyo Porel
	2nd	National English School	Deeptanshu Chandra
			Sayan Samanta
			Saksham Roy
	3rd	Patha Bhavan	Archisman Mukherjee
			Arghya Roy
			Aryaman Banerjee
Code Bee Junior	1st	St. Augustine's Day School, Barrackpore	Dwaipayan Paul
			Sayan Pal
	2nd	National English School	Aditya Raj Gupta
			Sai Siddharth Maharana
	3rd	Narayana School Sodepore	Aayush Sen
	iLLumIZen	1st	Chittaranjan Colony Hindu Vidyapith
2nd		Chittaranjan Colony Hindu Vidyapith	Aritra Karmakar
Joint 3rd		Chittaranjan Colony Hindu Vidyapith	Md. Mobasher Javed
Joint 3rd		St. Augustine's Day School, Barrackpore	Soumyajoy Chakraborty



d. Innovative Model Competition at Pragati 2025

The Institution's Innovation Council & Entrepreneurship Development Cell of B.P. Poddar Institute of Management and Technology congratulate the "Team Alpha Smashers". We are thrilled to share that Team Alpha Smashers—comprising Tanushka Joshi, Sougata Roy Chowdhury, Sabuj Bhattacharya, and Mookul Paul from the Department of Electrical Engineering, and student members of IET On Campus BPPIMT—secured 3rd position in the Innovative Model Competition at Pragati 2025, the annual Tech Fest of MCKV College, held on 4th February 2025. Total 65 students participated in the event. Kudos to the winning team for this remarkable achievement.

Some Pictures of the Workshop



e. Meghnad Saha Smarak Bigyan Mela (Science Fair)

Members of Institution's Innovation Council of BPPIMT participated at 'MEGHNAD SAHA SMARAK BIGYAN MELA (SCIENCE FAIR)', at Triangular Park, Rashbehari, Kolkata from January 17-21, 2025. Around 66 students were involved in this Science fair. Students from various schools and colleges participated in this event with fascinating exhibits and interactive sessions. Our students demonstrated their technical models to school students and also conducted technical quiz. "A path to find out the better career" a session was conducted by the faculty members of our institute to motivate students by self-assessing their interests, skills, and personality, then research different career options that align with those aspects. The fair continued from 12 noon to 8pm every day. We the faculty members are overwhelmed by seeing the immense interest among students.



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

Kalpakalam 2.25

The Literary Forum of B.P.P.I.M.T. in association with **Institution’s Innovation Council (IIC)** successfully organized Kalpakalam 2.25, an intra-college creative writing competition, on 22nd April 2025. The event, which focused on essay writing, witnessed enthusiastic participation from students across various departments, with a total of 52 participants showcasing their talent and flair for expression.



List of Winners

Sl. No	University Roll No	Participants name	Dept.	Year
1	11500323095	Tipsa Pal	ECE	2nd
2	11500124088	Suranjana Pandey	CSE	1st
3	11500324019	Sukanya Sarkar	ECE	1st

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

a. Remarkable achievement: Project Model Competition at TechXcelerate 2025

The Institution’s Innovation Council & Entrepreneurship Development Cell of B.P. Poddar Institute of Management and Technology congratulate the “Team Dynamo” from the Department of Electrical Engineering, B.P. Poddar Institute of Management and Technology, for their remarkable achievement at TechXcelerate 2025, organized by the University of Engineering and Management (UEM) on 22nd February 2025. Their innovative project model, "Energy Generator of Urban Roads," done by Mr. Bishal Tarafdar and Ms. Krishnakali Sarkar under the mentoring of Mr. Aritra Ghosh has earned them the prestigious 2nd Runner-Up position in the Project Model Competition. This achievement is a testament

to their hard work, creativity, and technical excellence. Total 65 students participated in the event. Kudos to the winning team for this remarkable achievement.



b. Inter College Technical Festival 'ESPEKTRO

It is with great pride that we announce the outstanding performance of our students at ESPEKTRO 25, the prestigious Technical Festival organized by Kalyani Government Engineering College (KGEC) on March 25, 2025. The students of B. P. Poddar Institute of Management and Technology, competing under the team name "Ares", demonstrated exceptional skill, teamwork, and determination in the robotics competitions, securing the following achievements: 1st Position in Ro-Soccer, 2nd Position in Ro-Soccer, 3rd Position in Ro-Turbulence. Their dedication and perseverance in robotics and technical innovation have brought great honor to our institution. Their achievements in ESPEKTRO 25 not only reflect their technical excellence but also their ability to compete at the highest level against some of the best engineering minds. We extend our heartfelt congratulations to Team Ares for their remarkable success. We also express our gratitude to the faculty and mentors who guided them throughout their preparation. Their accomplishments serve as an inspiration for all students, encouraging further participation in technical and innovation-driven events. Let us continue to support and celebrate the spirit of excellence in our institution.



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



Entrepreneur List

Sl. No	Students' Name	Discipline	Year of Passing from Institution	Company Name	Link for Success Stories
1.	Shantanu Dhara	EE	2024	Shantanu Power And System	https://www.indiamart.com/shantanu-power-system/?srsltid=AfmBOopOxxzdqzOR5EVn8iPOCQa1sF2j2tdxnt4DE6-2H7UITrtzSxqm
2.	Sauvik Das	EE	2022	Bhawan Home Automation	EleQbike https://share.google/MmZFJBB3E5wqsqEaU
3.	Debashis Das	ECE	2018	DD ELECTRO TECH	https://www.ddelectrotech.com
4.	Sourav Karmakar	CSE	2014	TrendieApp	https://yourstory.com/2016/09/trendieapp
5.	Chandrasekhar Sengupta	ECE	2006	Technicise Software and Technologies Pvt. Ltd.	https://technicise.com
6.	Sulagna Bhattacharya	ECE	2004	Nanoscope Therapeutics	https://nanotherapeutics.com/
7.	Debajyoti Banerjee	CSE	2003	Seven Boats	https://cdn.7boats.com/wp-content/uploads/2023/08/Debajyoti-Banerjee-A-Founders-Story-V.1.3_compressed.pdf
8.	Atanu Roychoudhury	CSE	2003	GAPCRUD PRIVATE LIMITED	www.capsulelabs.in

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

- a. Students of Electrical Engineering Department with the help of Mentor Mr. Aritra Ghosh and robotics club has developed an innovative project on **dual-axis solar tracking systems**. It is published in News 18 Bangla TV channel on 25th September, 2024. The Facebook link of the same is: <https://www.facebook.com/reel/1188038572233954>

These trackers track the sun vertically and horizontally to realize the maximum energy output. The dual-axis solar tracker has two degrees of rotation. It may track the sun horizontally or vertically. A solar system based on this type generates and supplies reliable energy to any station in the world.

- b. Institution's Innovation Council of BPPIMT organized the "**Business Model Canvas Competition**" on 24th April, 2025. The participated students presented their innovative idea through Business Canvas Model in the event. Team "The Enpath Alliance", team "Reloop" and team "Healers" awarded with first, second and third prizes. The event was judged by Dr. Sutapa Mukherjee, Associate Professor, EE and Dr. Surajit Mondal, Associate Professor, ECE. The program was a grand success in the presence of faculty and staff members with fifty-one numbers of students of BPPIMT.

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

- a. **IPR Innovation & Start up: Idea POC (Proof of Concept) Repository: Adrija Ghosh(adrijaghosh2003@gmail.com), Student of ECE Department has applied In YUKTI National Innovation Repository (NIR)**

Application Details: Idea No. : IR 2025-982145 Title: **IoT Enhanced Crops Disease Intelligence**, Developed as part of: Independent Assignment/Non-academic Study Project

The Financial Year, during the Idea-PoC/Innovation Developed : 2024-25

Sector / Domain:

Agriculture & Rural Development., IoT based technologies (e.g. Security & Surveillance systems etc), Other Emerging areas Innovation for Start-up, Sustainable Environment

Development Stage - Technology Maturity of the Solution/Innovation in terms of Technology Readiness Level TRL (if applicable (Refer TRL Stages) :

TRL 3 : Applied research. First laboratory tests completed; proof of concept

The Problem and its relevance to today's market / society / industry need:

According to ICAR, India faces significant agricultural losses,(approx) 30 to 40% of total crop yield, each year due to pests and diseases. Financially, this adds up to losses

exceeding ₹90,000 crores annually. In regions like West Bengal, where agriculture employs over 60% of the population, crop disease can reduce yields by 30%, directly threatening both livelihoods and the region's food security.

Despite these challenges, farmers rely on manual, visual inspection methods to detect crop disease, which are erroneous, and inaccessible in many rural communities. Hence, there is a pressing need for real-time, offline, and affordable disease detection and remediation system.

The Solution / Proposed / Developed

The proposed system represents an affordable, multilingual, and IoT- enabled approach to crop disease detection and management, specifically addressing the needs of farmers in rural. The Raspberry Pi Zero 2W paired with an integrated Pi Camera collects high-resolution images of crop leaves which are subsequently processed using advanced deep learning methodologies.

Diagnostic results including disease identification and pesticide recommendations are presented on an OLED display in both English and Bengali besides regional language audio output, for users with limited literacy. Unlike other solutions, this system operates fully offline.

The uniqueness and distinctive features of the (product / process / service) solution

ML Driven Detection -

Employing machine learning for precise disease detection giving higher accuracy.

Low Cost and Offline–

It is a one-time investment product that prevents financial waste on unnecessary pesticides. It also doesn't incorporate any internet usage shielding the farmers from paying high monthly recharge amounts.

Support for Regional Languages-

Translates the name of disease and cure into regional languages in text as well as audio output for undereducated farmers.

Multi-Functionality –

Identifies disease, and provides remedy for almost all parts of plant.

Proposed / developed (product / process / service) solution is different from similar kind of product by the competitors:

Despite having the availability of various software and web-based tools for crop disease detection, there is a notable absence of hardware-integrated, field-ready systems, especially within Indian context. Existing solutions generally lack offline capability and do not support multilingual audio output features that are essential for reaching undereducated farmers.

Large scale implementation of such a system can increase agricultural productivity, cut down on crop losses, and empower farmers to make more timely decisions. It would also strengthen India's GDP and help balance the country's agricultural imports and exports, fitting neatly into national strategies for rural development and food security.

b. Bharatiya Antariksh Hackathon (BAH) 2025

The Institution's Innovation Council (IIC) and Entrepreneurship Development Cell (Sphuran) of B. P. Poddar Institute of Management & Technology proudly congratulates the student team HACKANESH for their remarkable achievement in the Bharatiya Antariksh Hackathon (BAH) 2025. Organized by the Indian Space Research Organisation (ISRO) and hosted at the National Remote Sensing Centre (NRSC), Hyderabad, during 7th–8th August 2025, the hackathon witnessed an overwhelming participation of 8,744 teams across the country. Amidst this fierce competition, Team HACKANESH, comprising third-year CSE students Soumili Saha (Team Lead), Soumyajit Pramanik, and Pushkar Mondal, earned the distinction of being selected among the Top 30 finalists and securing a Top 2 position in their problem statement category.

The team presented their innovative project DRISHTI (Deep Rare-class Inference System using Hybrid backbone and Imbalance Techniques), a novel AI-driven satellite image segmentation pipeline. DRISHTI is designed to improve the detection of rare classes in LISS-IV imagery without compromising performance on major classes. By integrating hybrid deep learning architectures, advanced imbalance-handling techniques, and a custom-designed loss function, the project achieved superior precision in detecting underrepresented categories, addressing a critical challenge in remote sensing applications.

This significant accomplishment reflects the institute's commitment to fostering innovation, research, and problem-solving skills among its students. The success of Team HACKANESH at a prestigious national platform such as ISRO's hackathon is a testament to the technical excellence and innovative spirit nurtured at our institute. The IIC cell and ED Cell extend their sincere congratulation to the team and wish them continued success in their future academic and professional endeavours.



K. Types of Social Media & Connections of IIC Institute

Sl. No.	Name of the Media	Link
1.	Twitter	Twitter link: https://twitter.com/IBppimt
2.	Facebook	Facebook link: https://www.facebook.com/IIC-Bppimt-115291416538126
3.	Instagram	Instagram link: https://www.instagram.com/iicbppimt

L. Images of Some Conducted Events



24.09.24 IIC 15th Meeting for Quarter I 2024-25



Workshop on “Entrepreneurship and Innovation as Career Opportunity” 19.10.2024



Workshop on “Entrepreneurship and Innovation as Career Opportunity” 19.10.2024



National entrepreneurship day_09.11.2024



Workshop on Nirmiti 2024 A Startup Conclave 04.10.25



Lecture session on "Integration of Humanitarian Technologies 05.11.24



Smart India Hackathon 16.09.2024



Msme Idea Hackathon 4.0 30.10.2024



School Connect Program 04.09.2024



My Story – Motivational Session by Successful Entrepreneur_23.11.2024



Banner & Logo Design Competition 06.12.24



Lecture session on “Industrial Automation using PLC, Scada and Drives 11.12.24



IIC 16th Meeting QII_19.12.24



School Connect Program _19.12.24



Achieving Problem-Solution Fit and Product-Market Fit 08.02.25



Workshop on Design Thinking, Critical Thinking and Innovation Design' 15.02.2025



Matri Bhasa Diwas 21.02.25



Innovative Model Competition at Pragati 2025 04.02.2025



Kolkata International Book Fair, 2025 18.01.25



Masters in Abroad Global 22.02.25



Workshop on Robotics 01.03.2025



Women's Day Celebration 08.03.25



CDAC Field Visit 24.02.25



Aligning curriculum gap with recent industry trends 11.03.25



Technical Festival 25.03.24



Haldia IET Visit 29.03.25



Raising Capital and Managing Finance for Startups, 2025 03.04.25



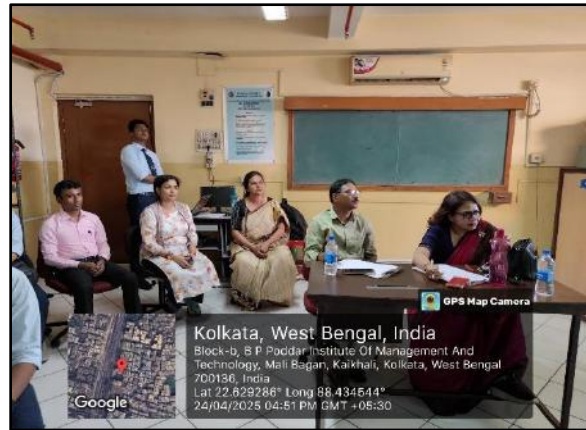
**Kolaghat Thermal Power Station (KTPS)
on 8th April 2025**



Budding Genius 04.04.25



Tech Fest 2.25 17 18 22 March 2025



Business Model Canvas 24.04.25



Gap Lecture on Design Analysis 25.04.25



Earth Day Celebration 22.04.25



IPR and IP management for start-up 10.05.25



Yoga Day_21.06.25



Independence Day 15.08.25



Independence Day 15.08.25



Seminar on “Modern Trends of EV in Indian Industries 23.07.25



Outreach Program, Robotics & Management Workshop 25.04.25



M. Contacts

B.P.Poddar Institute of Management & Technology, Kolkata

Website: <https://bppimt.ac.in/>

137, V.I.P. Road, Poddar Vihar,

Kolkata – 700052,

West Bengal, India

Phone no. 91-033-40619174

E-Mail Address: info@bppimt.ac.in

Institution's Innovation Council (IIC), BPPIMT:

President:

Dr Sutapa Mukherjee

E-Mail Address: sutapa.mukherjee@bppimt.ac.in

Vice President:

Dr. Susmita Biswas

E-Mail Address: susmita.biswas@bppimt.ac.in

Convener:

Dr. Inadyuti Dutt

E-Mail Address : inadyuti.dutt@bppimt.ac.in