



POORNIMA
INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA



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

Institute of Innovation Council Annual Report 2021-22

A. About IIC Institute

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

Vision

To create knowledge-based society with scientific temper through cutting-edge technologies, innovative research and to become valuable resource for enriching mankind.

Mission

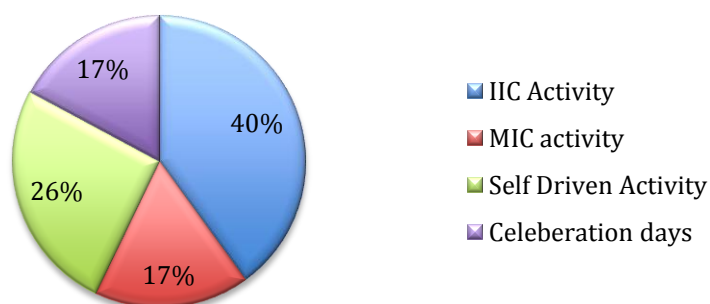
1. To provide an environment that will allow students and faculty members to be skilled in creation and implementation of new ideas.
2. To provide a platform to improve questioning, observing, testing, analyzing and communication skills.
3. To provide qualitative education and generate new knowledge with integration of emerging technologies and research.
4. To practice and promote high standard of potential ethics, transparency and accountability

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

In the year 2018, the Ministry of Education (MoE) through MoE's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem in education institutions. Under IIC our Institution has been performing various activities in past years, and has continued to do the same even though the whole year is undergone to the pandemic.

The institution is dedicated to achieve the goals of MoE-IIC for nurturing startups, innovations and Idea's for the betterment of society, generating employment at large scale and creating new avenues of business across India. PIET IIC has been conducting activities related to IPR, start-up and innovation since 2019-20 under the IIC flagships. These activities conducted by IIC in the last 3-4 years have always focused on improving the quality and support for innovation and startups and thus have been appreciated by all stakeholders and can be seen in our rating in the last 2-3 years. In the year 2021-22 IIC of PIET has organized 60+ activities to address research & innovation, start-up, internship, IPR etc and 63 reports have been uploaded on IIC portal. Institute organized start-up innovation contests to provide a platform to young innovative brains. Along with it, the IIC of PIET also organized 10 sessions to understand the importance of IPR and to convert projects into IP. Council tried to develop and nurture young brains to create new initiatives based on innovation and starting start-ups. These activities also resulted in new start-ups developed by our students and IPR developed by our faculty & students. 28 young innovators of PIET also participated in the regional meet of IIC at Amity University Jaipur. We have conducted National level Project Exhibition and contest **UDHBHAV-2022** in our campus. More than 50 schools and colleges participated. The outcome of our efforts till session 2021-22 have resulted in 5 registered startups, 16 Idea/prototype and 20+ innovations have been achieved by our faculty & Students. Our 10 faculty members have completed Innovation Ambassador training and more 1000 innovative projects have been developed by our students

Number of activity by PIET IIC

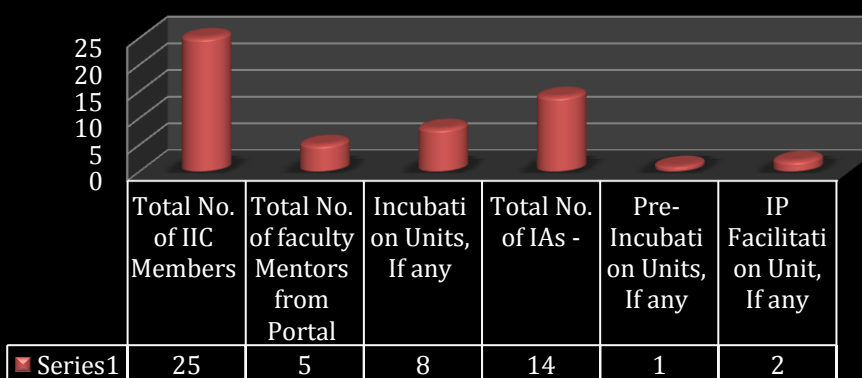


B. Brief mention of key functionaries at the IIC Institute

Name and Designation	Position
Dr. Dinesh Goyal, Director	Head of Institute
Dr. Priya Mathur, Professor	President
Dr. Gautam Singh, Registrar	Vice President
Dr Purushottam Lal, Associate Professor	Convener IPR Activity
Dr. Mukesh Chandra, Associate Professor	NIRF Coordinator
Dr. Budesh Kanwar, Professor	Innovation Activity Coordinator
Ms. Priyanka Sharma, Assistant Professor	ARIIA Coordinator
Mr. Mohit Bajpai, Assistant Professor,	Social Media Coordinator
Mr Yodendra Sharma, Associate Professor	Start up Activity Coordinator
Mr. Udit Mamodia, Assistant Professor	HOD, IDEA LAB
Mr. Akhilesh Natani, Director, Appcino Technologies Pvt. Ltd., Jaipur	External Expert
Mr. Puneet Mittal, Co-Founder & CEO, Pratham Software, Jaipur	Industrialists/ stakeholders

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

Resource strength (human capital and Physical capital) of the IIC



Registered Innovation Ambassador Details 2022

S.No.	Name	Expert Area	Email
1	Mohit Bajpayi	Media	mohit.bajpayi@poornima.org
2	Dr Priya Mathur	President IIC	priya.mathur@poornima.org
3	Dr Rakhi Muttha	General	rakhi.mutha@poornima.org
4	Dr <u>Megha Gupta</u>	General	megha.gupta@poornima.org
5	Yogendra Sharma	Member	yogendra.sharma@poornima.org
6	Gaurav Sharma	General	gaurav.sharma@poornima.org
7	Dr Budesh Kanwar	PBIC	budesh.kanwar@poornima.org
8	Dr Shruti Thapar	General	shruti.thapar@poornima.org
9	Mr Shard Shrivastava	General	sharad.srivastava@poornima.org
10	Dr Amit Shrivastva	General	amit.srivastava@poornima.org

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

Poornima Business Incubation Centre (PBIC) is the venture arm of **Poornima Institute of Engineering & Technology (PIET)** nurtures and fosters incubation of start ups. It is an incubation centre for start-ups whose objectives are to cultivate and promote entrepreneurship among talented youth, students and experienced alike. Anyone with an idea and unflinching determination to give it a shape is an ideal candidate to associate with PBIC. Poornima Business Incubation Centre (PBIC) is set up to promote innovation and entrepreneurship by converting and translating technology ideas and innovation in various disciplines of science and engineering into products, processes and services for commercial exploitation and for the benefit of society. PBIC offers incubation facilities and services to prospective entrepreneurs to their innovative ideas into commercially viable products. PBIC provides certain facilities like physical infrastructure and support systems necessary for business incubation activities, Services such as training or High- speed Internet access, links to higher education resources, accounting and financial management etc. It facilitates networking with professional resources, which include mentors, experts, consultants and advisors for incubates. PBIC also conducts events like entrepreneurial talk series, workshops, open pitches and seminars to offer a good interface and visibility in the region. **Poornima Institute of Engineering & Technology** has been supporting the new budding Entrepreneurs since 2014 through a club which is known as E-cell and which is now working in coordination with PBIC.

Structure of PBIC

Dr. Ajay Maurya I-Coordinator

Dr. Budesh Kanwar -PBIC Co-Coordinator

Details of Facilities.-

Physical infrastructure:

- Fully furnished Office Space
- Shared resources: Meeting rooms, Conference rooms.
- Office productivity equipment: Fax, Photocopier, Printer, Scanner, Projector
- Lab: PBIC Lab with Equipment and software tools, Facilitation for access to PIET Labs

Utility:

- Electricity
- Internet

(# No cost for electricity/internet consumption or any utility or service is charged separately to the Incubates. However, Incubator retains a right to limit the free electricity/internet consumption and other utility, beyond which charges will become payable by the Incubate.)



NIPAM
NIPAM INSTITUTE OF ENGINEERING & TECHNOLOGY
Office of the Controller General of Patents, Designs & Trademarks

IPR AWARENESS PROGRAM
(Under NIPAM & Hosted by The Patent Office)

Experts in session on:
77th Azadi Ka Amrit Mahotsav

EXPERT

Sh. Divyanshu Mishra
Examiner of Patents & Designs, IPO Delhi

Sh. Vaibhav Vivek
Examiner of Patents & Designs, IPO Delhi

Coordinator:
Dr. Purushottam L. Bhatti
Assistant Professor, HOD, IPR, JIPUR
Mob: 9864504045

Monday, 3rd January, 2022
12:00 TO 2:00 PM

NIPAM
NIPAM INSTITUTE OF ENGINEERING & TECHNOLOGY

IP AWARENESS & FILING PATENTS
(Under NIPAM, AICTE & KAPILA)

TUESDAY, 26 APRIL 2022
02.00 PM - 04.00 PM

Resource Person:
Mr. Shailendra Singh
(Examiner of Patents and Designs)

ONLINE MODE
MS Team Link: shorurlat/hrsGX

Co-ordinator:
Dr. Purushottam L. Bhatti
Assistant Professor, HOD, IPR, JIPUR
Mobile No.: +91 9166450405

IP literacy week celebration under KAPILA

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

An interactive session on HOW TO BUILD A STARTUP BOTTOM TO TOP

Organized by:
INSTITUTION'S INNOVATION COUNCIL

Friday, June 10, 2022
2:00 PM to 4:00 PM
Venue: BB-31, PIET

The session is followed by summer internship interviews (A stipend is applicable from 5000 to 15000).
Only Registered Candidates can join.

RSVP
Dr. Dinesh Goyal
Principal, PIET

Coordinators
Dr. Sandeep Sharma & Prof. (Dr.) Budesh Kanwar

Devendra Sharma
Founder & CEO
OLE ROOMS PVT. LTD. JAIPUR

☎ : 9828528311

Build Business

Dr Vivek Bindra
PRESENTS
CAMPUS-PRENEUR
Masterclass

For Students of
Poornima Institute Of Engineering & Technology

27th May @ 1 PM to 3 PM
Entry By Registration Only

Click On Below Link To
Register Free Now

100% ATTENDANCE MANDATORY

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

Online Session on Achieving
VALUE PROPOSITION FIT & BUSINESS FIT

Organized by:
INSTITUTION'S INNOVATION COUNCIL

Saturday, June 11, 2022
10:00 AM to 12:00 PM

Virtual platform: Microsoft teams

RSVP
Dr. Dinesh Goyal
Principal, PIET

Coordinators
Yogender Kumar Sharma (Member IIC)

☎ : 9887648807

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

AICTE IDEA LAB SPONSORED IDEATION WORKSHOP

February 22-24, 2022

Sponsored by:
AICTE, IIT Bombay, IIT Madras, IIT Kharagpur, IIT Gandhinagar

Organized by:
Poornima
BUSINESS INCUBATION CENTRE

RESOURCE PERSONS

RSVP:
Dr. Manish Bhardwaj
HOD Outreach, PIET

Dr. Dinesh Goyal
Convener: AICTE Idea Lab

☎ : 9887515862 • • • businessincubation@poornima.org

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

An Online Session on A Success Story
DON'T DREAM ABOUT SUCCESS, WORK FOR IT

Organized by:
INSTITUTION'S INNOVATION COUNCIL

Monday, January 31, 2022
11:00 AM Onwards

Virtual platform: Microsoft teams

RSVP
Manish Bhardwaj
Deputy Head (Outreach), PIET

☎ : +91-9887515862
• • • businessincubation@poornima.org

Dr. Hrishikesh Dangle
MD & CEO Altered Pharmaceuticals
Trustee: Save a Mother Foundation
Altered Healthcare Foundation
Founder: Altered Dangle

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

Workshop on Entrepreneurship Skill, Attitude and Behaviour Development

Organized by:
INSTITUTION'S INNOVATION COUNCIL

Feb. 19, 2022
10:00 am - 12:00 noon

RSVP
Dr. Priya Mathur
President, IIC

Dr. Ramesh Mittal
Director, IIC, Institute of Agricultural Sciences,
University of Agricultural Sciences,
Coimbatore

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

One Day Session on Achieving Problem Solution Fit & Product Market Fit

Organized by:
INSTITUTION'S INNOVATION COUNCIL

February 23, 2022
11:30 AM Onwards

RSVP
Arshad Ali
☎ : +91-8447156109
• • • arshad.ali@poornima.org

Dr. Sahasr Fatima
Assistant Professor
Department of Commerce & Business Mgt.
Integral University
Sr. Faculty & Program Co-ordinator,
Financial Services,
Evarre Education Solutions, Bangalore

Poornima
INSTITUTE OF ENGINEERING & TECHNOLOGY

An Online Expert Talk on
Process of Innovation Development & Technology Readiness Level (TRL)

Commercialization of Lab Technology & Tech- Transfer

Organized by:
INSTITUTION'S INNOVATION COUNCIL

Monday, Jan. 10, 2022
12:30 PM to 02:00 PM

Virtual platform: Microsoft teams

RSVP
Yogender Kumar Sharma
Co-ordinator, Member IIC

☎ : 9887648807

Er. Loveneesh Talwar
HOD, Department of Electrical Engineering,
Yopendra College of Engineering
and Technology, Jamnā

Activities Organized under PBIC in session 2021-22

S.No.	Name of Event	Date of Event	Name of experts
1	Why, What and how of patents	27-10-2021	Ms. Latika Khanduja, Founder IPOLEA
2	Role of " Entrepreneurship and Innovation " in your success story	31-01-2022	Dr. Hrishikesh Dhamle, MD & CEO Atrimed Pharmaceuticals Trustee, Save a Mother Foundation, Atrimed Healthcare Foundation Founder - Atrimed Biotech
3	Expert Talk on " Process of Innovation Development & Technology Readiness Level(TRL) " & " Commercialisation of Lab Technology & Tech- Transfer"	10-01-2022	Er. Loveneesh Talwar, Yoganand College of Engineering, Jammu
4	Pitching session 1	23-01-2022	Ankit Khemnai
5	Pitching Session 2	26-01-2022	Ankit Khemnai
6	Session on "Entrepreneurship skills, Attitude, and Behavior development"	19-02-2022	Dr. Ramesh Mittal, Director National Institute of Agriculture Marketing
7	Achieving problem solution fit and product market fit	22-02-2022	M S SATYANARAYANA
8	Ideation to legal protection of an Invention	22-02-2022	Dr. Selladurai Muthusamy
9	Ideas are easy implementation is hard	23-02-2022	Dr. Ashu Jain
10	Session On "Achieving Problem Solution Fit & Product Market Fit"	23-02-2022	Dr. Sabahat Fatima, Assistant Professor, Department of Commerce & Business Management, Integral University
11	Ideation and Problem Solving	23-02-2022	Dr. Daniel C
12	Industry design searching and filing	24-02-2022	Dr. Agalya V
13	Expert Session On "IP Awareness & Filing Process"	26-04-2022	Mr. Shailendra Singh, Examiner of Patents and Designs
14	Entrepreneurial communication skills	17-05-2022	Dr. Ashu Jain
15	Session -Entrepreneurship In 21st Century "Campus Entrepreneur Master Class"	27-05-2022	Dr Vivek Bindra, Founder – Bada Business
16	SESSION ON HOW TO BUILD A STARTUP FROM BOTTOM TO TOP	10-06-2022	Mr. Devendra Sharma, CEO of OLE ROOMS
17	Session on "Achieving Value Proposition Fit & Business Fit"	11-06-2022	Dr. Leena Sharma, HOD & Sr. Assistant Professor, Department of Management, St. Xavier's College, Jaipur

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

Title	2020-21	2021-22
Number and Different types of I&E and IPR activities Conducted	4	10
No. of students & faculty ideas generated	5	20
No. of students & faculty Innovation/prototypes developed	3	16
No. of IPs generated, published and granted	5	27
No. of Student & Faculty Start-ups/Ventures established	5	8
Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus	30,000	47,800
Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	11,300	68,946.13
No. of Technology Transfer and Commercialisation happened	0	0

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

S. No.	IIC Faculty/Student	Achievements
1	Dr. Mukesh Chandra	National Excellence Award by I2OR
2	Mr. Yuvraj Dagur	LocalEyes Pvt. Ltd. received Rs. 7 Lakh from the Ministry of Electronics and Information Technology (MeitY Startup Hub), Government of India under the TIDE 2.0 Program
3	Vikas Sharma	Selected Project on ATAL YAAN Project by Orbitx India Aerospace
4	Akshita Sharma	Selected as Researchers at Atal Yaan-2 Project-Orbitx India Aerospace
5	Dev Tekwani	2nd Rank Winner National Level project Exhibition atVGU
6	Dr. Pooja Gupta	Novel Granular piles installation process in soft clays with the calculation using design Charts
7	Mr Udit Mamodiya	Intelligent IoT Devices for Fingerprint Automation through Machine Learning and Statistical Payload Fingerprinting
8	Mr Udit Mamodiya	Intelligent System for Controlling Road Transport for Dispatching Ambulances Based on IoT and Artificial Intelligence
9	Dr. Anil Kumar	Smart and Intelligent Medical Bed for Child Patient Care
10	Dr. Anil Kumar	Method of Garbage Monitoring and Clearing Process by IoT

NATIONAL SCIENCE DAY AWARDS 2022



Dr. MUKESH CHANDRA
Poornima Institute of Engineering and Technology, Jaipur, Rajasthan, India



I2OR is a registered MSME with Ministry of MSME, Government of India

National Science Day is celebrated to mark the discovery of Raman Effect by Indian Physicist **Sir C.V. Raman**

i2or.com
[/i2orindia](https://www.facebook.com/i2orindia)
[/i2orindia](https://www.instagram.com/i2orindia)



Ref. No. : JAN/0287/22

ऑर्बिटिअक्स इंडिया एरोस्पेस/ORBITX INDIA AEROSPACE
HQ: BFN, Jaipur, Rajasthan, India- 302019

आज़ादी का अमृत महोत्सव

प्रशिक्षुता का प्रमाण पत्र/ CERTIFICATE OF INTERNSHIP
यह प्रमाण पत्र प्रस्तुत किया जाता है/ This Certificate is presented to

विकास शर्मा /Vikas Sharma(2600002728)
For Project अटल यान 'पुनः प्रयोज्य प्रक्षेपण यान' / Atal yaan 'reusable launch vehicle'

अपने मनोबल को हमेशा ऊँचा रखें और समाज को अपना अमूल्य योगदान प्रदान करें, जिससे हमारे राष्ट्र का स्वतंत्रता विकास हो।
Keep your motivation always high and contribute your best to our Society, for the overall development of our Nation.

Date: 07/09/2022

डॉ. जतिन महाने / Dr. Jatin Mahane
वैज्ञानिक सचिव/ Scientific secretary

Email: admin@orbitx.in Website: www.orbitx.in


Research Acceptance Letter

To: _____ Date: 25 / 08 2022

Name: Akshita Sharma
ID No.: 2908010189

We are pleased to inform you that your application for Space sector based Research entitled "ATAL YAAN"(Reusable Launch Vehicle) has been accepted.

By participating in this Research project , you have displayed courage and your keen interest in Space Science and Technology . Certainly , your efforts are quite appreciable , we hope that you will show active interest in programme related to Space Science and Technology in future also .

Keep your motivation always high and contribute your best to our Society , for the overall development of our Nation

Warm Regards

Pankaj Singh
IPGC Head, Orbitx India



10320220001

If you have any query regarding the information provided , please do not hesitate to contact us at verification@orbitx.in

ORBITX INDIA AEROSPACE (P) LIMITED
HQ: BTH, Jhalana Doongri, Jaipur, Rajasthan, IN-302017

071447 (RN) D1P70649 (S1) S7676D4 (ISStart Rajasthan)

 LOCAL EYES 

Your LocalEyes Community won TIDE 2.0 Program to secure

₹7 Lakhs Grant



@localeyes.community



— Bundesrepublik Deutschland —

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 100 016

Bezeichnung:
Intelligentes IoT-Gerät zur Automatisierung von Fingerabdrücken durch maschinelles Lernen und statistische Nutzlast-Fingerabdrücke

IPC:
G06V 40/13

InhaberInhaberin:
Agrawal, Vineet, Lucknow, UP, IN
Bhadouria, Sujnet Singh, Gwalior, MP, IN
Bhatia, Pradeep Kumar, Hissar, Haryana, IN
Dahiya, Omdev, Rohtak, Haryana, IN
Dubish, Mani, Ghaziab, UP, IN
Gupta, Ankur, Rohtak, Haryana, IN
Kalahastrhi, Neelima, Dr., Hyderabad, Telangana, IN
Kalahastrhi, Rakesh Tej Kumar, Hyderabad, Telangana, IN
Mamodiy, Uditi, Jaipur, Rajasthan, IN
Preetham, Anusha, Dr., Bengaluru, Karnataka, IN
Rangegowda, Nagarathna Chevvenshalli, Bangalore, Karnataka, IN
Screenivasiah, Pooja Nayak, Dr., Blore, Karnataka, IN
Sinha, Divyanshu, New Delhi, Delhi, IN

Tag der Anmeldung:
03.01.2022
Tag der Eintragung:
17.01.2022

Die Präsidentin des Deutschen Patent- und Markenamts

Cornelia Rudolf-Schäfer
München, 17.01.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft. Der absolute Rechtszustand und Schutzumfang entnehmen Sie bitte dem DP-Mitteilungsprotokoll unter www.epm.de.



CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105487

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):
Pooja Gupta of Professor, Department of Civil Engineering, Poornima Institute of Engineering & Technology Jaipur Rajasthan India
J.K. Sharma of Prof. & Director, Department of Civil Engineering, Rajkya Engineering College Manipuri Uttar Pradesh India
Sangeeta Choudhary of Associate professor, Department of Civil Engineering, Geetanjali Institute of Technical Studies Udaipur Rajasthan India
Raksha Rani Sanadhya of Lecturer, Department of Civil Engineering, Government Polytechnic College Kota Rajasthan India
Ketaki Moondra of CFO and Head, Department of Design, Munira Energies Udaipur Rajasthan India

Title of invention:
Novel Granular piles installation process in soft clays with the calculation using design Charts

Name of inventor(s):
Gupta, Pooja, Sharma, J. K., Choudhary, Sangeeta, Sanadhya, Raksha Rani and Moondra, Ketaki

Term of Patent:
Eight years from 13 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. (See sections 100(1A) and 100A of the Patents Act 1990, set out on the reverse of this document.)



Dated this 17th day of November 2021
Commissioner of Patents

PATENTS ACT 1990
The Australian Patent Register is the official source of information for searchers in the full details pertaining to the IP Right.

— Bundesrepublik Deutschland —

Urkunde

über die Eintragung des
Gebrauchsmusters Nr. 20 2022 101 961

Bezeichnung:
Intelligentes System zur Steuerung von Strassentransporten zur Abfertigung von Krankenkamern auf der Basis von IOT und künstlicher Intelligenz

IPC:
G08G 1/00

InhaberInhaberin:
Dubey, Shikha Kumar, Prayagraj, UP, IN
Gupta, Varun, Punjab, Ludhiana, IN
Jaiswal, Sushma, Indore, IN
Kumar, Raman, Mukerian, Punjab, IN
Mamodiy, Uditi, Rajasthan, Jaipur, IN
Meena, Radhey Shyam, Rajasthan, Dausa, IN
Nanda, Shweta, Dr., Uttar Pradesh, Noida, IN
Panigrahy, Bhabani Sankar, Odisha, Bhubaneswar, IN
Rahmath, Mohammed, Telangana, Hyderabad, IN
Ramana, Tahapudi Venkata, Dr., Karnataka, Bangalore, IN
Sharma, Manita, Dr., Punjab, Bathinda, IN
Urkude, Ashish Manohar, Dr., Maharashtra, Nagpur, IN


Tag der Anmeldung:
12.04.2022
Tag der Eintragung:
21.06.2022

Die Präsidentin des Deutschen Patent- und Markenamts


Cornelia Rudolf-Schäfer
München, 21.06.2022

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft. Der absolute Rechtszustand und Schutzumfang entnehmen Sie bitte dem DP-Mitteilungsprotokoll unter www.epm.de.

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



INTELLECTUAL PROPERTY INDIA
PATENTS, DESIGNS, TRADE MARKS, GEOGRAPHICAL INDICATIONS



Application Filing Receipt

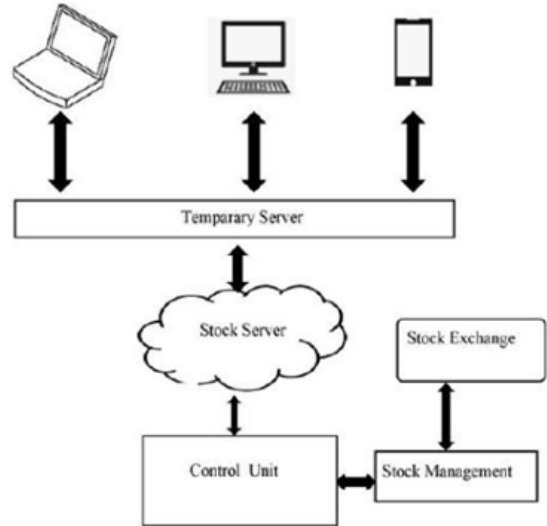
Government of India Patent Office
Intellectual Property Office Building,
Plot No. 32, Sector 14, Dwarka,
New Delhi-110075
Phone- 011-28032253, 25300200
Fax: 011-28034301, 28034302
e-mail: delhi-patent@nic.in

CBR Number : 5243 **CBR date: 11-02-2022**

Application Type: ORDINARY APPLICATION
Priority Number:
Priority Date:
Priority Country: Not Selected

To,
Poornima Institute of Engineering & Technology
E 403, Dwarka Apartment, Mansarovar, Jaipur 302020

Received documents purporting to be an application for patent numbered 202211007350 dated 11-02-2022 by Poornima Institute of Engineering & Technology of ISI - 2, Poornima Marg, Sitapura, Jaipur, Rajasthan relating to SYSTEM & METHOD FOR INTELLIGENT VIRTUAL STOCK TRADING AND MANAGEMENT USING MACHINE LEARNING APPROACH together with the Complete and fee(s) of ₹1600 (One Thousand Six Hundred only).





INTELLECTUAL PROPERTY INDIA
PATENTS, DESIGNS, TRADE MARKS, GEOGRAPHICAL INDICATIONS



Application Filing Receipt

Government of India Patent Office
Intellectual Property Office Building,
Plot No. 32, Sector 14, Dwarka,
New Delhi-110075
Phone- 011-28032253, 25300200
Fax: 011-28034301, 28034302
e-mail: delhi-patent@nic.in

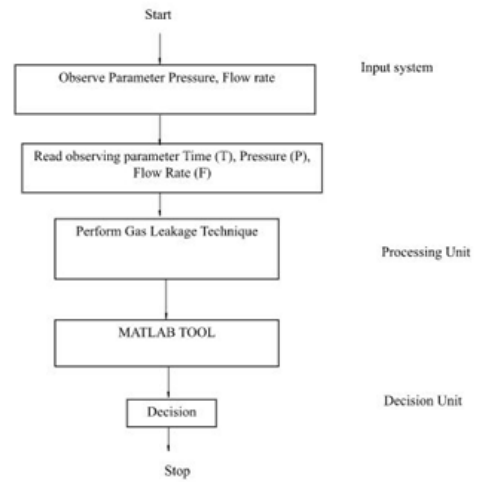
CBR Number : 5243 **CBR date: 11-02-2022**


Application Type: ORDINARY APPLICATION
Priority Number:
Priority Date:
Priority Country: Not Selected

To,
Poornima Institute of Engineering & Technology
E 403, Dwarka Apartment, Mansarovar, Jaipur 302020

Received documents purporting to be an application for patent numbered 202211007358 dated 11-02-2022 by Poornima Institute of Engineering & Technology of ISI - 2, Poornima Marg, RIICO INSTITUTIONAL AREA, Sitapura, Jaipur, Rajasthan relating to Design and Implementation of Wireless Sensor Network Architecture for Leak Detection and Monitoring in Gas Supply Distribution Network together with the Complete and fee(s) of ₹1600 (One Thousand Six Hundred only).

Flow Chart:





INTELLECTUAL PROPERTY INDIA
PATENTS, DESIGNS, TRADE MARKS, GEOGRAPHICAL INDICATIONS



Application Filing Receipt

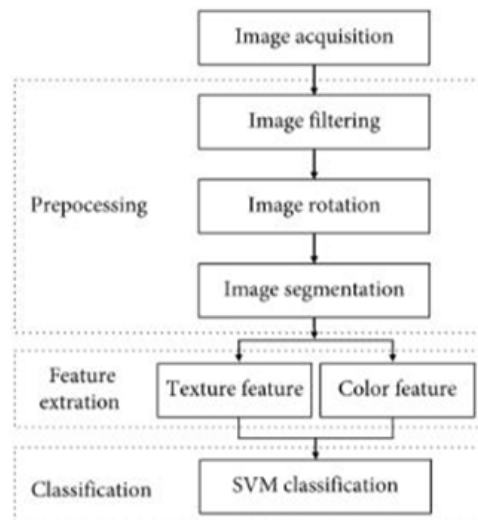
Government of India Patent Office
Intellectual Property Office Building,
Plot No. 32, Sector 14, Dwarka,
New Delhi-110075
Phone- 011-28032253, 25300200
Fax: 011-28034301, 28034302
e-mail: delhi-patent@nic.in

CBR Number : 5243 **CBR date: 11-02-2022**

Application Type: ORDINARY APPLICATION
Priority Number:
Priority Date:
Priority Country: Not Selected

To,
Poornima Institute of Engineering & Technology
E 403, Dwarka Apartment, Mansarovar, Jaipur 302020

Received documents purporting to be an application for patent numbered 202211007353 dated 11-02-2022 by Poornima Institute of Engineering & Technology of ISI - 2, Poornima Marg, Sitapura, Jaipur, Rajasthan relating to Skin Disease Identification Using Machine Learning Algorithms (SVM, KNN and RNN) together with the Complete and fee(s) of ₹1600 (One Thousand Six Hundred only).





Application Filing Receipt

Government of India Patent Office Intellectual Property Office Building, Plot No. 32, Sector 14, Dwarka, New Delhi-110075 Phone- 011-28032253, 25300200 Fax: 011-28034301, 28034302 e-mail: delhi-patent@nic.in

CBR Number : 5243

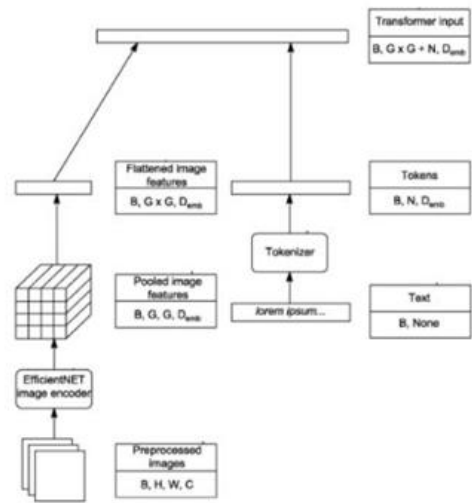
CBR date: 11-02-2022

Application Type: ORDINARY APPLICATION Priority Number: Priority Date: Priority Country: Not Selected

To, Poomima Institute of Engineering & Technology E 403, Dwarka Apartment, Mansarovar, Jaipur 302020

Received documents purporting to be an application for patent numbered 202211007352 dated 11-02-2022 by Poomima Institute of Engineering & Technology of ISI - 2, Poomima Marg, Sitapura, Jaipur, Rajasthan relating to AN INTELLIGENT SYSTEM FOR AUTOMATED TEXT CAPTION GENERATION FROM MEDICAL IMAGES USING IMAGE PROCESSING together with the Complete and fee(s) of ₹1600 (One Thousand Six Hundred only).

DRAWING



Application Filing Receipt

Government of India Patent Office Intellectual Property Office Building, Plot No. 32, Sector 14, Dwarka, New Delhi-110075 Phone- 011-28032253, 25300200 Fax: 011-28034301, 28034302 e-mail: delhi-patent@nic.in

CBR Number : 5243

CBR date: 11-02-2022

Application Type: ORDINARY APPLICATION Priority Number: Priority Date: Priority Country: Not Selected

To, Poomima Institute of Engineering & Technology E 403, Dwarka Apartment, Mansarovar, Jaipur 302020

Received documents purporting to be an application for patent numbered 202211007355 dated 11-02-2022 by Poomima Institute of Engineering & Technology of ISI - 2, Poomima Marg, Sitapura, Jaipur, Rajasthan relating to Energy Aware Aggregate and Clustering Node Rotation with Sink Relocation in MANET together with the Complete and fee(s) of ₹1600 (One Thousand Six Hundred only).

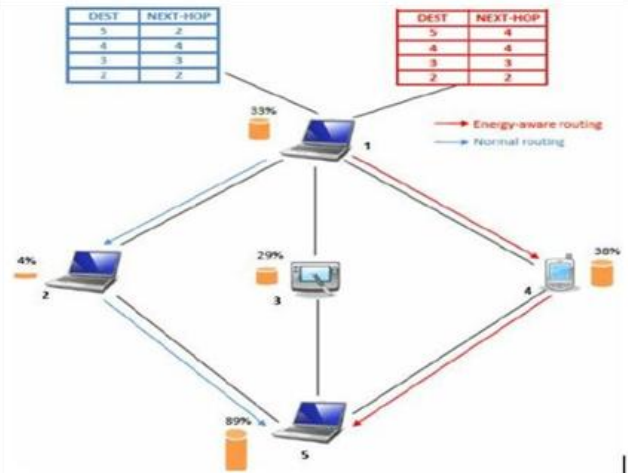


Figure 2 shows Polymerization Shrinkage of Wollastonite and varying nano alumina filled RBCs

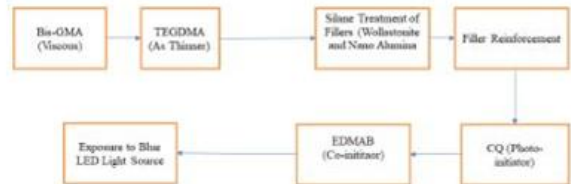


Figure 1- Flow Chart of Fabrication process of Wollastonite and varying nano alumina filled RBCs

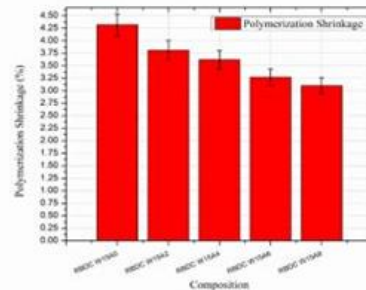


Figure 2- Polymerization Shrinkage of Wollastonite and varying nano alumina filled RBCs



Application Filing Receipt

Government of India Patent Office Intellectual Property Office Building, Plot No. 32, Sector 14, Dwarka, New Delhi-110075 Phone- 011-28032253, 25300200 Fax: 011-28034301, 28034302 e-mail: delhi-patent@nic.in

CBR Number : 5243

CBR date: 11-02-2022

Application Type: ORDINARY APPLICATION Priority Number: Priority Date: Priority Country: Not Selected

To, Poomima Institute of Engineering & Technology E 403, Dwarka Apartment, Mansarovar, Jaipur 302020

Received documents purporting to be an application for patent numbered 202211007357 dated 11-02-2022 by Poomima Institute of Engineering & Technology of ISI - 2, Poomima Marg, RIICO INSTITUTIONAL AREA, Sitapura, Jaipur, Rajasthan relating to Novel Resin Based Dental Composites filled with Wollastonite and Nano Alumina together with the Complete and fee(s) of ₹1600 (One Thousand Six Hundred only).

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

PBIC Incubated start-ups



BreadNButter



TechnoBuild Pvt Ltd



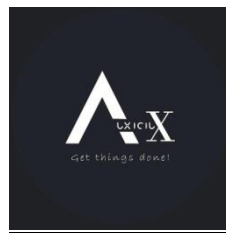
Digital Darzi



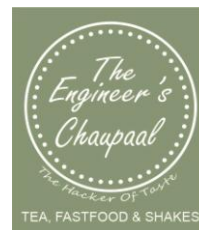
BookofYouth



LocalEyes



AuxiciuX Consultancies



The Engineer's Cafe

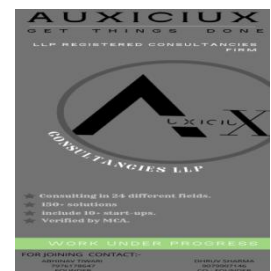


ReadingBox.in

1. **Local Eyes** is a Hyper-Local Social Community Platform that connects People with Locals so that they can Ask, Answer and Share Anything and Everything about their locality from the people who are actually living there. This creates an online digital space for people to interact with each other within their locality, get connected with deserving small Local Businesses, and create a friendly, connected neighbourhood community. Its team consist of Yuvraj Dagur and Aryaman Pachauria.



2. **AuxiciuX Consultancies**, founded by Abhinav Tiwari and his team on 10th August 2021, provides solution to various problems. They provide solutions to people, individuals, firms, companies etc. The core team includes Dhruv Sharma, Samar Nalme, Shagun Pareek and Khushi Khandelwal.



3. **Techno build Private Limited** offers software based solutions and related services like website development, application development, data management, BIG data API services, etc. just to name a few. It was founded by Abhishek Parihar.



- 4 **Pie Star Interactives Studios:** Start-up is an IT consultancy firm which provides software solution & technical assistance like website development, App development, etc. It holds a start-up idea under its umbrella which is still in development phase and would be launched soon. The core team consist of Parv shara, Vikas Sharma, and Sejal Rai.



- 5 **Kanha Ji Handicrafts** -Kanha Ji Handicrafts is about the laser machine and its products. Basically we work on wood and mdf board for now, and on working models of the temples, and also on the antique wooden products which is rarely available in our current market. It is founded by Gaurav Prajapat.



6. **Bread N Butter** is a Tech based start-up, which is divided into two basic units. One unit is responsible to handle Client side contract based development projects. Another unit is working to blossom company's own products. Bread N Butter Tech Incorporated is the parent company, under which we launched our product Gamboll (Child) in March 2020 in stealth mode, and the other one in Oct 2020 in the very same genre. Its team consist of Rohan Talwadia and Nitesh Sharma.
7. **Bech Do** is a total marketplace where the seller would be a common man, where he/she can sell his/her things with proper bill and the buyer can purchase those things on EMI. All the banks would be made available on the platform so the buyer/seller can buy/sell conveniently.
8. **Book of Youth** is a Social Community Platform that connects the youth from around the globe with people like them. It is a platform where people can share anything from their life that has made an impact on their life and turned them into who they are today. With Book of Youth, we aim to create a safe space for the young individuals to share their thoughts, experiences and struggles. The team includes Priyanshi Goyal, Ankit Khemani, Jayesh Mishra



9. Digital Darzi -: Simplifying Print On Demand Dropshipping. We work in the Printing Sector and print everything from T-Shirts to Caps. We have developed a platform where Young Entrepreneurs can come up with their new designs and create their own stores. We then put it up on a Merchandise and create a mockup. The mockup is then Marketed Socially and when a customer buys the product, we Print and deliver it to the customer.

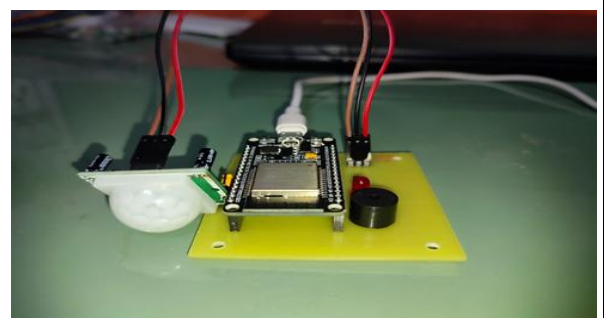
List of Registered Start-ups at PIET

S.No.	Startup Name	Student Name	Mail id	Date of Registration	Address
1	REGOOLUR PRODUCT AND TECHNOLOGIES PRIVATE LIMITED	Tanya Kumawat	2017pietcsanya108@poornima.org	14-12-2020	48, HASTINAPUR COLONY, karani palace,panchyawala, Jaipur, Rajasthan, 302034
2	M/s. BREADNBUTTER TECH	Saksham Saxena	sakshamsaxena@bnbtech.xyz	20-10-2020	355 VINOBA VIHAR JAGATPURA JAIPUR, 302017
3	READINGBOX.IN	Amit Jangid	2019pietcsamit23@poornima.org	17-09-2020	Plot No 28, goverdhan Nagar South, Pratap Nagar, jaipur 302033
4	TECHNOBUILD PRIVATE LIMITED	Abhishek Parashar	2019pietcsabhishek06@poornima.org	15-02-2021	D97B, Shiv officers colony -D, jagapura Jaipur
5	Auxicuix Consultancies LLP	Abhinav Tiwari	2020pgicsabhinav01@poornima.org	20-10-2021	S8,Sitapura , Jaipur
6	olxtech (BechDo)	Yash Saxena	2019pietcsyash193@poornima.org	16-11-2021	355 VINOBA VIHAR JAGATPURA JAIPUR, 302017
7	Digital Darzi	Himanshu Hingorani	2019pgicshimanshu21@poornima.org	16-10-2021	SHIV MARG, A-690, NEAR RUNGTA HOSPITAL, MALVIYA NAGAR, JAIPUR, Jaipur, Rajasthan, 302017
8	Book of Youth	Priyanshi Goyal	2020pietadpriyanshi39@poornima.org	20-03-2022	ISI-2, Riico Institutional Area, Sitapura Jaipur

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

Motion captured Device

Motion captured device based on IoT is the process of recording the movement of objects or people. It is also referred to as mo-cap or mocap. It is used in entertainment, sports, medical applications, ergonomics and robotics. In film-making and game development, it refers to recording actions of actors for animations or visual effects.



Smart Dustbin

The smart dustbin is made **using Node MCU ESP 8266** .It helps create a cleaner, safer, more hygienic environment and enhanced operational efficiency while reducing management costs, resources, and road-side emissions. The Smart Dust Bin is ideal for busy locations such as campuses, theme parks, airports, railway stations, and shopping malls.



to

Weather reporting system

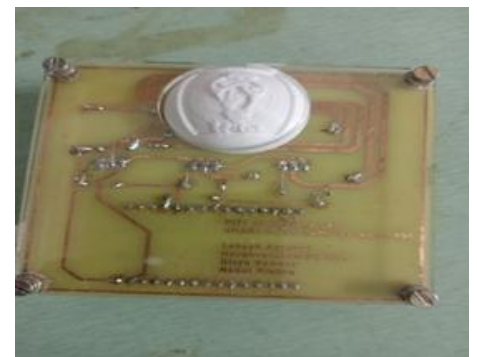
Weather reporting system Based on IoT is proposed system that allows for weather parameter reporting over the internet. It allows the people to directly check the weather stats online without the need of a weather forecasting agency. System uses temperature, humidity as well as rain sensor to monitor weather and it provide to live reporting of the

weather statistics.



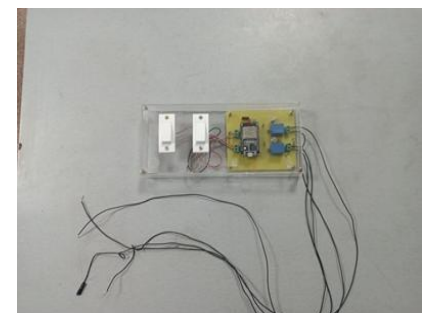
Home Automation

A home automation system will monitor and control home attributes such as lighting, climate, entertainment systems, and appliances. It may also include home security such as access control and alarm systems. When it connected to the Internet, home devices are an important constituent of the Internet of things (IoT).



Smart Mood Lamp:

Smart lighting uses IoT-enabled sensors, bulbs, or adapters to allow users to manage their home or office lighting with their smartphone or [smart home management platform](#). Smart lighting solutions can be controlled through an external device like a smartphone or smart assistant, set to operate on a schedule, or triggered by sound or motion.



Sensor Networks

A sensor network is a group of sensors where each sensor monitors data in a different location and sends that data to a central location for storage, viewing, and analysis. Wireless Sensor Network in IoT is an infrastructure-less wireless network that is used for deploying a large number of wireless sensor that monitor the system, physical and environmental conditions.



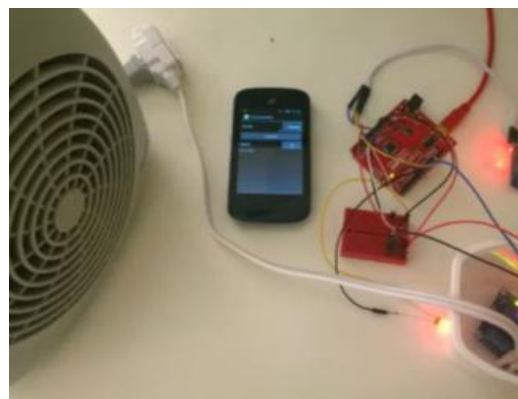
Water Level Monitoring system

It is an innovative idea that will inform the users about the level of liquid and will prevent it from overflowing. The water level monitoring system is an automatic process to detect and indicate the level of water in the reservoirs, overhead tank or any other storage containers, etc. All the householders are storing the water in overhead tanks by using the motor pumps. When the water is stored in the tank, no one can identify the level of water and also, no one can know when the water tank will be filled. So, there is an overflow of water in the tank, which results in wastage of energy and water. To resolve this type of problem by using the implementation of water level monitors and control systems using wireless technology which will transmit the information to the smart phone and indicate the level of water in the overhead tanks.



Smart Switch with IOT

A smart switch is a programmable wireless switch that provides the same functionality as a traditional switch while allowing lighting control and automation. Smart switches connect to a smart home hub and allow users to control their lights using a mobile app, voice assistant, or an automated schedule.



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

- ARIIA – participation and Rank- The institute to participate in ARIIA from IIC 5.0
- NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation - 14 IA's trained, dedicated Incubation cell (PBIC), 3 trained faculty and defined policy for startups
- Smart India Hackathon etc.- Every year 05-06 students of our Institute participate in SIH since last 04 years and PIET IIC has hosted Toycothan also at PIET and RTU (affiliating University) sponsored Hackathon too.

K. Detail of Social Media & Connections of IIC institute

Facebook- <https://www.facebook.com/PoornimaInstitute/>

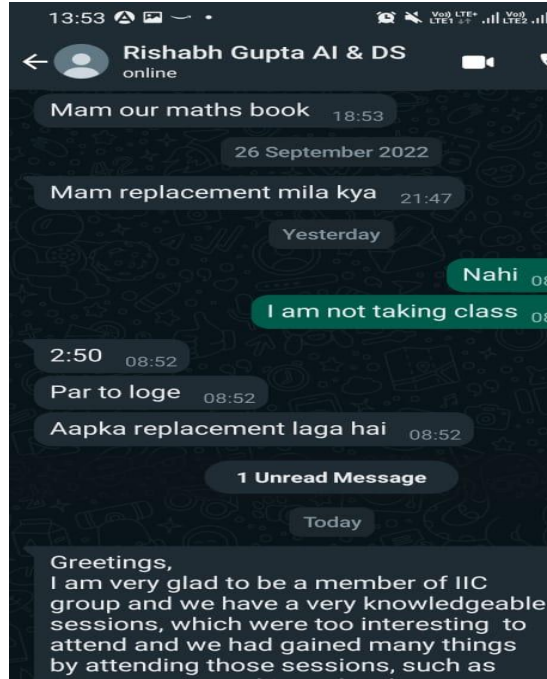
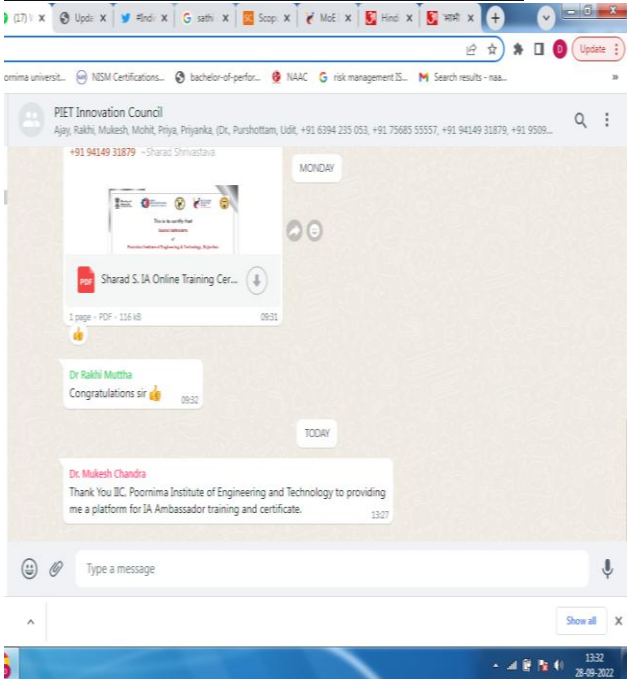
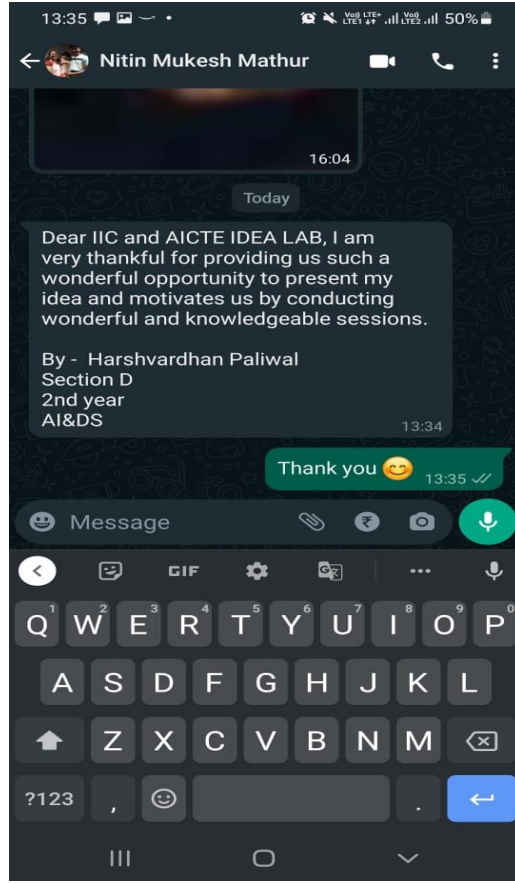
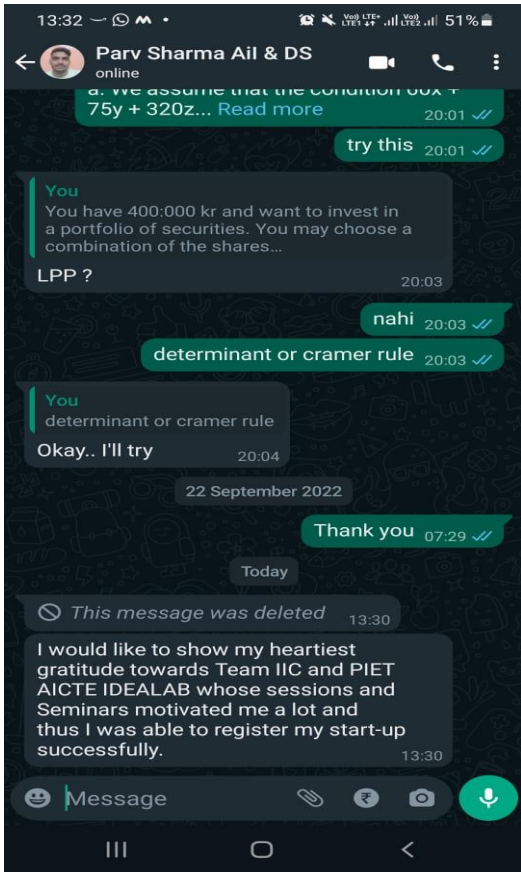
Twitter- https://twitter.com/PIET_Jaipur

Linkedin- <https://in.linkedin.com/school/poornima-group-of-colleges/>

Instagram- https://www.instagram.com/piet_jaipur?

L. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

The IIC program provides a unique platform of learning through the webinar and session organized by IIC periodically on innovation, research, IPR and start-up, etc. These sessions are very informative and realistic to understand the current and future scenarios in the field of innovation, research, IPR, and start-up. Our institute is also thankful to the IIC team and speakers for taking these sessions.



M. Other Images



N. Contact

Institute Innovation Council, Poornima Institute of Engineering and Technology,

ISI-2, RIICO Institutional Area, Sitapura, Jaipur



PIET IIC @YUKTI

