

Approved by AICTE
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A Case Study
on
Poornima Innovation and Incubation
Center
(2017-18 to 2021-22)



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Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE
Office Order for Establishment of Innovation and Incubation Cell

Date 3/12/2018

Poornima Innovation & Incubation Cell (PIIC) has been established under the guideline of the Ministry of Education (MoE) and MoE's Innovation Cell (MIC) at Poornima College of Engineering with a purpose to bring together people with a common interest in innovation, entrepreneurship and developing the skills of young aspiring students.

- 1. Vision & Mission of the Poornima Innovation & Incubation Cell (PIIC):

  The PIIC was established in the year 2018 with the following vision and mission
  - Vision

To motivate, guide and help prospective and existing entrepreneurs in their entrepreneurial endeavors/ efforts through extending support in terms of guidance and training.

- Mission
  - 1. To incubate and materialize the conceptual ideas among the students and faculty members of Poornima College of Engineering (PCE) and transform these ideas into value added products in the commercial market.
  - 2. To nurture nascent ventures by providing workspace and shared facilities along with focused counseling.

To provide value added support and access to critical tools, information, education, contacts, resources and capital in the form of soft loan that may otherwise would have been unaffordable

### 2. Objectives of the PIIC:

- To promote entrepreneurship among Engineers, Managers and students.
- To promote entrepreneurship among relevant sectors in the state.
- To collaborate with other organizations and institutions.
- To organize entrepreneurship development and awareness programs.
- To undertake research studies to identify high technology areas having entrepreneurship opportunities.
- To develop close links between industry-Institute by interactive programs. High priority to activities designed to bring about improvement in the performance of the industry.

Mr. Pankaj Dhemla

Vice Principal

Dr Mahesh M. Bundele Director and Principal











This is to certify that

# Poornima College of Engineering, JAIPUR

has established an Institution's Innovation Council (IC201811028) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2018-19

Prof. Anil D. Sahasrabudhe

Chairman AICTE Shri. R. Subrahmanyam

Secretary Ministry of Education Dr. Abhay Jere

Chief Innovation Officer Ministry of Education's Innovation Cell

Certificate No: 744

Aishe Code: C-25173

Date: 05-12-2018





# Poornima Innovation and Incubation Cell



# Start-Up Policy and Guidelines 2020 For Faculty and Students

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#### **PREAMBLE**

Poornima Innovation & Incubation Cell (PIIC) has been established under the guideline of the Ministry of Education (MoE) and MoE's Innovation Cell (MIC) at Poornima College of Engineering with a purpose to bring together people with a common interest in innovation, entrepreneurship and developing the skills of young aspiring students.

#### VISION

The PIIC was established in the year 2018 with the following Vision

To motivate, guide and help prospective and existing entrepreneurs in their entrepreneurial endeavors/ efforts through extending support in terms of guidance and training.

The entrepreneurial vision will be achieved through the following mission and objectives of the cell

#### Mission:

- 1. To incubate and materialize the conceptual ideas among the students and faculty members of Poornima College of Engineering (PCE) and transform these ideas into value added products in the commercial market.
- 2. To nurture nascent ventures by providing workspace and shared facilities along with focused counselling.

### Objectives:

- To promote entrepreneurship among Engineers, Managers and students.
- To promote entrepreneurship among relevant sectors in the state.
- To collaborate with other organizations and institutions.
- To organize entrepreneurship development and awareness programs.
- To undertake research studies to identify high technology areas having entrepreneurship opportunities.

#### PIIC STARTUP POLICY

Based on the National Innovation Start-Up Policy 2019 the PIIC Start-up Policy 2020 is developed. This policy address the

- 1. Strategies and Governance
- 2. Startups Enabling Institutional Infrastructure

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- 3. Nurturing Innovations and Startups
- 4. Product Ownership Rights for Technologies Developed at Institute
- 5. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level
- 6. Mentorship
- 7. Review

#### 1. Strategies and Governance

The purpose of PIIC is to incubate and materialize the conceptual ideas among the students and faculty members of Poornima College of Engineering (PCE) and transform these ideas into value-added products in the commercial market.

- a) Entrepreneurship promotion and development is one of the major dimensions of the Institutions strategy. To facilitate development of an entrepreneurial ecosystem in the Institution, specific objectives and associated performance indicators have been defined for assessment.
- b) The entrepreneurial agenda is headed by the Head of the Institution and the Institution's Innovation Council of the PCE. Heads of all departments and the PIIC, the IIC of the institute shall work together to successfully implement the entrepreneurship culture.
- c) Resource mobilization plan will be worked out at the institute for supporting pre incubation, incubation infrastructure and facilities. A sustainable financial strategy will be defined in order to reduce the organizational constraints to work on the entrepreneurial agenda.

### 2. Startups Enabling Institutional Infrastructure

#### 2.1 Eligibility:

Start-ups are eligible for admission to the PIIC provided its shareholders or partners are from only the following categories of persons:

- I. Alumni of PCE.
- II. The faculty members of PCE (as per rules of PCE
- III. Student from B.E. / B. Tech.
- IV. Individuals partnering with faculty members/alumni of PCE.

#### 2.2 Infrastructure and services provided to the Incubates

Upon admission to PIIC, the following facilities will be offered to the incubated startups on an individual basis:



- Office space.
- Computers Up to two on a rental basis. More than two can be availed at market rates.
- Printer.
- Broadband Internet Connection(wired and wireless)
- Phone connection Each start-up will pay the rentals and bills.
- Standard Furniture as decided by PIIC.
- One Accommodation to Director/Promoter depending upon the availability (One room in Guesthouse/ student residential hostel).

#### Common Infrastructure:

- Photocopying facility
- · Document Scanner.
- Access to college Library: Management Books, Subscription to IT, Business, Management and Trade journals, and newspapers.

Institute infrastructure: PIIC may facilitate access to the Institute infrastructure or laboratories as per the norms of Poornima College of Engineering.

### 3. Nurturing Innovations and Startups

Institution shall establish processes and mechanisms for easy creation and nurturing of Start-ups by students, staff (including temporary or project staff), faculty and alumni.

- **3.1** Setting up process of START-UP with the PIIC:
  - a. Start-up can continue till one year after graduation.
  - b. Periodic progress review by PIIC Council.
  - c. The ideation level model will be funded by the team itself for the level TRL0, TRL1, TRL2
    - i. TRL 0: Idea- Unproven Concept, No testing has been performed
    - ii. TRL 1: Basic Research- Principles postulated and observed but no experimental proof of concept available
    - iii. TRL 2: Technology Formulation- Concept and application have been formulated
  - d. PIIC may fund through its seed funding mechanism for its prototype and engineered model subject to availability of funds for the level TRL3, TRL4, TRL5,TRL6,TRL7



- TRL 3: Applied Research- First Laboratory test completed; Proof of Concept (PoC)
- ii. TRL 4: Small Scale Prototype built in a laboratory environment ("Ugly" Prototype)
- iii. TRL 5: Large Scale Prototype tested in intended environment
- iv. TRL 6: MVP Prototype System tested in intended environment
- v. TRL 7: Demonstration System operating in operational environment at pre-commercial scale
- e. Trial production (before Mass production) by start-up with 50:50 equity by the start-up and PIIC subject to availability of funds for the level TRL8, TRL9
  - i. TRL 8: First of kind commercial system- Manufacturing issues resolved
  - ii. TRL 9: Full Commercial application- Technology available for consumers
- f. Company formation expenses will be borne by students and PIIC.
- g. Students entrepreneurs may be allowed to sit for the examination, even if their attendance is less than the minimum permissible percentage, with due permission from the institute.
- h. The Institute may allow their students/faculties to take a semester/year break (or even more depending upon the decision of review committee of the institute) to work on their start ups and re-join academics to complete the course.

#### 3.2 Evaluation Criteria:

Submit Executive Summary/ Business Plan as a first step in the admission process, the prospective start-up should submit an incubation application containing the Business plan, Certificate of incorporation, and Memorandum & Articles of Association. PIIC then shall present the executive summary to an internal review committee for comments on the technical and business feasibility of the idea.

The few of the Evaluation Criteria points are as follow:

- a) Some representative criteria to be applied for evaluation (not limited to these).
- b) Strength of the product idea in terms of its technical content, innovation, timeliness, and market potential.
- c) Profile of the core team/ promoters.
- d) Intellectual Property generated and the potential of the idea for IP creation.



- e) Financial/ Commercial Viability and 5-year projections of P&L, Balance Sheet, and Cash Flows (if any).
- f) Funds requirement and viability of raising finance.
- g) Time to market.
- h) Break-even period.
- i) Commercial potential, demand, and requirement in India.
- j) Scalability.

# 4. Product Ownership Rights for Technologies Developed at Institute

When institute facilities / funds are used substantially or when IPR is developed as a part of curriculum/ academic activity, all startup/ individuals are bound to follow the IPR and Patents rights and sharing as per the PCE IPR policy as per annexure A.

# 5. Creating Innovation Pipeline and Pathways for Entrepreneurs at Institute Level

PIIC will nurture nascent ventures by providing workspace and shared facilities along with focused counselling. In the PIIC, the entrepreneurs can receive value-added support and access to critical tools, information, education, contacts, resources, and capital in the form of seed fund that may otherwise have been unaffordable.

### **5.1** Seed Funding:

PIIC may provide seed fund up to INR 50,000/ subject to the availability of funds/ grants/ schemes meant for this purpose. Seed fund will be sanctioned only to those start-ups who have cleared TRL3 and above levels during the periodic assessment to be decided by PIIC Start-up Evaluation Committee.

### **5.2** Entrepreneurial Activities:

PIIC primarily focuses on spreading awareness among students, faculty and staff about the value of entrepreneurship and its role in career development or employability and to educate that innovation (technology, process or business innovation) is a mechanism to solve the problems of the society and consumers. Students are also encouraged to develop entrepreneurial mindset through experiential learning by exposing them to training in cognitive skills (e.g. design thinking, critical thinking, etc.), by inviting first generation local entrepreneurs or experts to address young minds. Initiatives like idea and innovation competitions, hackathons, workshops, boot camps, seminars, conferences, exhibitions, mentoring by academic and industry personnel, throwing real life challenges, awards and recognition shall be routinely organized.



To prepare the students for creating the start up through the education, integration of education activities with enterprise-related activities shall be organized periodically.

#### 6. Mentorship and Periodic Assessment

One of the objectives of Incubation is to utilize the technical expertise and lab infrastructure of Poornima College of Engineering. Therefore, every start-up that is offered incubation at PIIC has to select one faculty member from the Institute who shall act as a mentor to the incubated start-up and guide the start-up on product and business development. The start-up has to offer a minimum of 3% of share equity to the mentor as a consideration of mentorship.

#### **6.1** Periodic Assessment:

A committee set up by PIIC will evaluate the performance of incubated every 3 months. The emphasis of evaluation will be on checking if the milestones specified in the business plan are met. Checks will be done on the financial health of the start-up in terms of its order booking, expenses, profitability, and utilization of fund or grant received from any source. Further seed fund disbursal will be dependent on the progress shown in the previous appraisal.

The periodic assessment would vary depending on the stage of incubation the startup is in. Some representative criteria for evaluation are:

- A. Ideation / Innovation stage (TR0, TR1, TR2)
  - Concept development / Opportunity spotting
  - Product Development
  - Market assessment / Competition analysis
  - First level Business Planning / Business Modeling
  - Founding Team
  - Intellectual property protection
- B. Pre-Market Stage (TR3, TR4, TR5, TR6, TR7)
  - Proof of Concept/ Prototyping
  - Product Development and enhancement
  - Financial Assistance Required
  - Test marketing
- C. Implementation Stage (TR8, TR9)
  - Full-scale Business Planning
  - Pitching for Venture Funding

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- Scaling up operations
- Large scale commercialization
- Mature Team Formation

#### D. Exit stage

- · Going National / Global
- Exit options for POORNIMA COLLEGE OF ENGINEERING
- Full-scale business Graduation
- · Post incubation Survival

#### 7. Review

This policy is subject to the review once in 3 years. This policy is as per the Ministry of Education (MHRD) National Innovation, Startup policy 2019 for students and faculty based on the change in these policies time to time.

(Dr. Mahesh Bundele)
Director

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S.No	Activity Name	Date	Year
1	International YOGA Day	21-Jun-2022	2021-22
2	Process Design and Development- Prototyping	17-May2022	2021-22
3	Technological Achievements in the Field of Indian Metrology"& "Role of Scientists in Freedom Movement	13-May-2022	2021-22
4	IPR Awareness and Filling Process	28-Apr-2022	2021-22
5	World Earth Day Celebration	22-Apr-2022	2021-22
6	Business Model Canvas	19-Apr-2022	2021-22
7	Overview on Intellectual Property and IP Management for Start-ups	4-Aug-2022	2021-22
8	Industrial Visit	4-Aug-2022	2021-22
9	Industrial Visit	4-Jun-2022	2021-22
10	One Day Workshop on Entrepreneurship and Startup	28-Mar-2022	2021-22
11	Pitching Event for PoCs developed & linkage with Innovation Ambassadors for mentorship support	15-Feb-2022	2021-22
12	Hands on Practical Session on Design Thinking and Critical Thinking	30-Dec-2021	2021-22
13	Achieving Problem- Solution Fit and Product- Market Fit	23-Feb-2022	2021-22
14	A journey from Academic Project to Industrial Product- Importance of IPR in Student Life	14-Feb-2022	2021-22
15	Innovation Research Proposal: Grant to Readiness Level	10-Feb-2022	2021-22
16	Field/Exposure Visit to Bhamashah Techno Hub, Jaipur.	8-Feb-2022	2021-22
17	Higher education_ challenges and opportunities	5-Feb-2022	2021-22
18	Understanding the Universe with Scientific Temperament & Innovation Opportunities	3-Feb-2022	2021-22
19	A Visit to SEWAGE TREATMENT PLANT and CRID	15-Dec-2021	2021-22
20	Orientation Session on IIC4.0 & Features - MoE's Innovation Cell	24-Jan-2022	2021-22
21	E-Symposium on Building Innovation Ecosystem in Educational Institutions	1-Nov-2022	2021-22
22	Entrepreneurship Skill, Attitude and Behavior Development	21- 22-Jan-2022	2021-22
23	Cloud computing and innovation	23-Dec-2021	2021-22
24	An entrepreneurial session on Waste to Wealth	14-Dec-2021	2021-22
25	Industrial Visit for Idea Generation	22-Feb-2022	2021-22

26	Career prospect for engineering students in the new era of aatmnirbhar Bharat	15-Aug-2021	2021-22
27	Pitching workshop & linkage of innovators with Innovation Ambassadors for mentorship support.	30-Dec-2021	2021-22
28	Session on Problem Solving and Ideation Workshop	29-Dec-2021	2021-22
29	My Story - Motivational Session by Successful Innovators	12-Aug-2021	2021-22
30	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	12-Jan-2021	2021-22
31	An Online Session on The World we Lead Tomorrow	18-Nov-2021	2021-22
32	Academic Life and Entrepreneurial Journey	11-Nov-2021	2021-22
33	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	11-Nov-2021	2021-22
34	Session on How to Start a Startup	3-Jun-2021	2020-21
35	Web and App development without coding for future Entrepreneurs	21-Jun-2021	2020-21
36	A National WEBINAR on UNDERSTANDING CEMENT TEST REPORTS	28-Jun-2021	2020-21
37	Webinar on "Basics of Research Paper Writing"	25-Jun-2021	2020-21
38	Session on Angel Investment for Early-Stage Entrepreneurs	22-Jun-2021	2020-21
39	Workshop on Idea Validation	18-Jun-2021	2020-21
40	Orientation session for all Students & Faculty Members	14-May-2021	2020-21
41	Minimum Viable Product	19-Jun-2021	2020-21
42	Session on Building a fit for market	20-Jun-2021	2020-21
43	Talk on "From your Ph.D./ Masters Thesis to a start-up"	23-Apr-2021	2020-21
44	Report on TOYCATHON	20-Jun-2021	2020-21
45	session on " Why IP is important in academia? "	26-Apr-2021	2020-21
46	Workshop on Design Thinking	4-Mar-2021	2020-21
47	Workshop on Prototype With "3D Printing"	18-May-2021	2020-21
48	Workshop on Business Model Canvas (BMC)	16-Jun-2021	2020-21
49	Workshop on Idea Generation for Startups	15-Apr-2021	2020-21
50	Workshop on Graphic design for future Entrepreneurs	25-Apr-2021	2020-21
51	Core Team Selection	19-Mar-2021	2020-21
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52	Mentoring Session with "Successful Startup founders"	25-Jun-2021	2020-21
53	Session on Process of Innovation Development	10-Jan-2021	2020-21
54	Session on Identifying Intellectual Property Component at The Early Stage Of Innovation	8-Jan-2021	2020-21
55	Orientation Session on National Innovation and Startup Policy (NISP)	6-Jan-2021	2020-21
56	Workshop on "G-suite account handling"	4-Dec-2020	2020-21
57	Workshop on "Graphic Designing"	28-Nov-2020	2020-21
58	Workshop on "Content Writing Focusing on Research and Funding Proposals"	4-Jan-2021	2020-21
59	Workshop on "Arduino focusing on Innovation Start-up"	3-Jan-2021	2020-21
60	Workshop on Design Thinking, Critical thinking and Innovation Design	7-Jan-2021	2020-21
61	My Story - Motivational Session by Successful Innovators	30-Sep-2020	2020-21
62	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	4-Oct-2020	2020-21
63	Webinar on "Scope of Innovation in Cyber Security and Digital Safety during COVID19 Pandemic"	2-Aug-2020	2020-21
64	Session on "National Education Policy 2020"	15-Dec-2020	2020-21
65	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	7-Sep-2020	2020-21
66	Internal Hackathon - Smart India Hackathon 2020	5-Feb-2020	2019-20
67	Motivational Talk	11-Jan-2020	2019-20
68	Design Thinking And Innovation	31-Jan-2020	2019-20
69	Inauguration of Startup Accelerator Program - Genstart	12-Oct-2019	2019-20
70	Rajasthan Innovation & Startup Expo	19-Dec-2019	2019-20
71	Benefits of Accelerator Program	30-Aug-2019	2019-20
72	Benefits of Entrepreneurship	22-Aug-2019	2019-20
73	My Story _Entrepreneurial Journey	16-Aug-2019	2019-20

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# **SAMPLES REPORTS**

S .N.	Activity Name	Date	Page No.
1	Metal & Polymer 3D Printer: An Introduction	4/10/2020	17-26
2	Advances in Biomass Energy Technology	30/9/2020	27-84
3	Arduino focusing on Innovation Start-up	3/1/2021	85-92
4	Motivation Session on Waste to Wealth	14/12/2021	93-96
5	Career Prospects for Engineering Students in New Era of Atmanirbhar Bharat	15/9/2021	97-99
6	Pitching Workshop & Hands-On Practical Session	30/12/2021	100-102
7	Successful Startup founders	25/6/2020	103-117
8	TOYCATHON 2020-21	19/1/2021	118-120
9	Understanding Cement Test	28/6/2020	121-130
10	How to Start a Startup	3/6/2020	131-142







# POORNIMA COLLEGE OF ENGINEERING

Poornima Innovation and Incubation Cell My Story - Motivational Session by Successful Entrepreneur/Startup founder.

on

Metal & Polymer 3D Printer: An Introduction

Date: Oct 4, 2020

Time: 12:30 PM- 2:30 PM

Venue: Online

# EXPERT INTRODUCTION

**Mr. Ashish Varshney** Director, 3DXtech, Jaipur

Manufacturing Company. He has done Master's of Science in Electrical Energetics System Engineering from Vilnius Gediminas Technical University and Munich University, Germany, Europe. Specialises In handling service operation processes for a dealership network. Result Oriented professional in the development of new products and applications, the promotion of existing products and the investigation of new applications for existing products. Hands-on experience with laboratory testing communicating results presenting technical topics and working with customers to solve application issues. He achieved 20 micros resolution in FDM / FFF technology in Polymers like PLA SSPLA with the help of Motors , Drylin bearings with temperature control system. He is truly passionate about his work and always eager to connect with other Engineers to enhance knowledge and share the views. While he enjoy all aspects of his job though he enjoy the most while taking on a role which is challenging and helps him to groom resulting in skill enhancement.

# WEBINAR DESCRIPTION

Department of Electronics & Communication Engineering and Poornima Innovation and Subation Cell, Poornima College of Engineering, Jaipur, organized a one day National DreMähesh Bundelex







Polymer 3D Printer: An Introduction" on oct 4, 2020 at 12.30 PM. The session was delivered by Mr. Ashish Varshney, who is running a 3D Printer Manufacturing Company in Jaipur and successfully Install 10+ 3D printers in PAN India.

The main objective of this webinar was to deliever some facts about 3D printing, its types and Technologies. Sesion started with the welcome address by Dr. Mahesh Bundele, Director, PCE, Jaipur. Mr. Pankaj Dhemla, Vice Principal, PCE, Jaipur gave brief description about the webinar. Speaker took an interactive session with participants. He discussed about how we can do 3D printing and uses of 3D printing. He also explained the seven most common types in 3D printer technologies All printing technologies build parts in discrete slices called layers. Session was so informative and nicely presented. After this wonderful session a query session was conducted to resolve the doubts of participants. At last vote of thanks was delivered by Dr. Garima Mathur, HOD, ECE.

128 participants attended this webinar. This webinar was a good opportunity of effective learning for all the faculty members & Students.

# PANELIST NAMES WITH DETAILS

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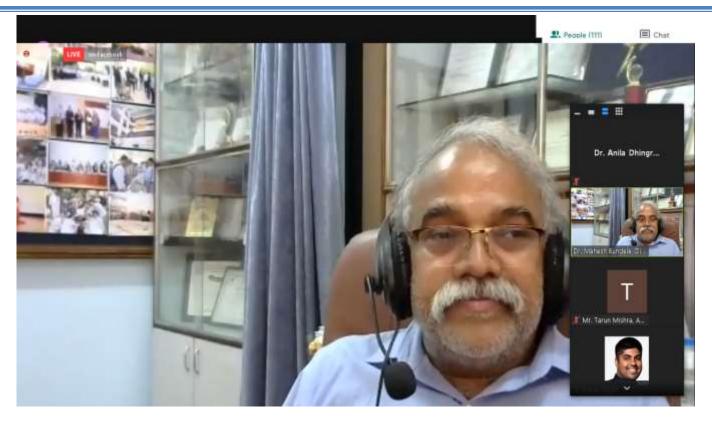
# SCREENSHOTS OF ONLINE SESSION

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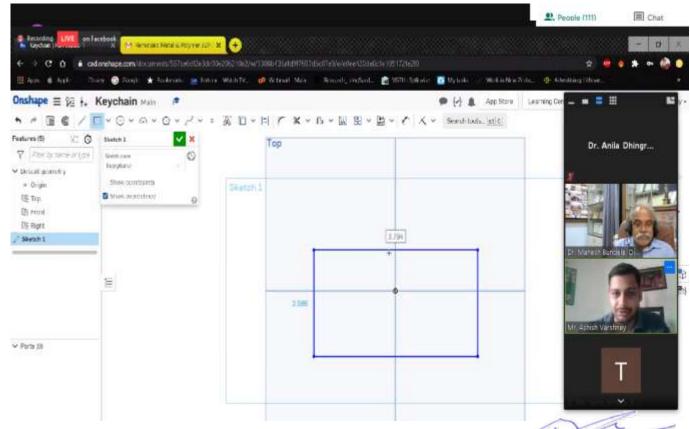
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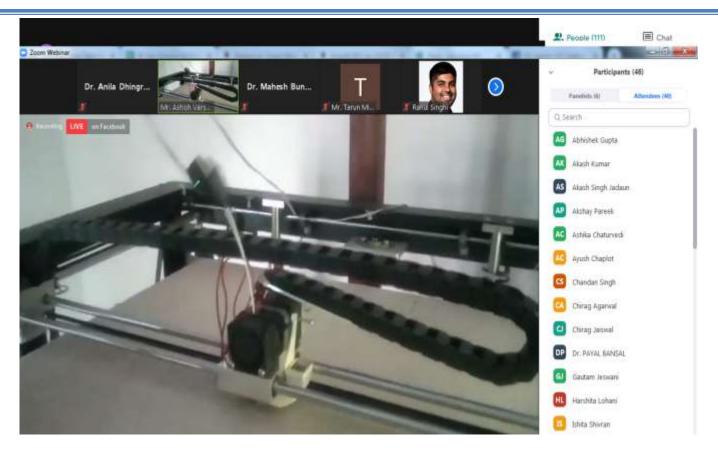


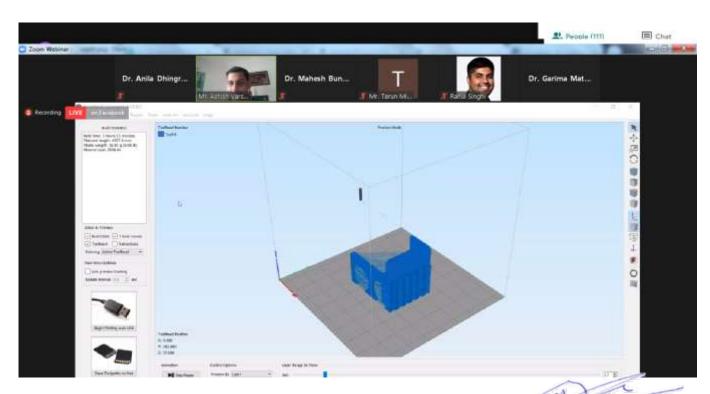
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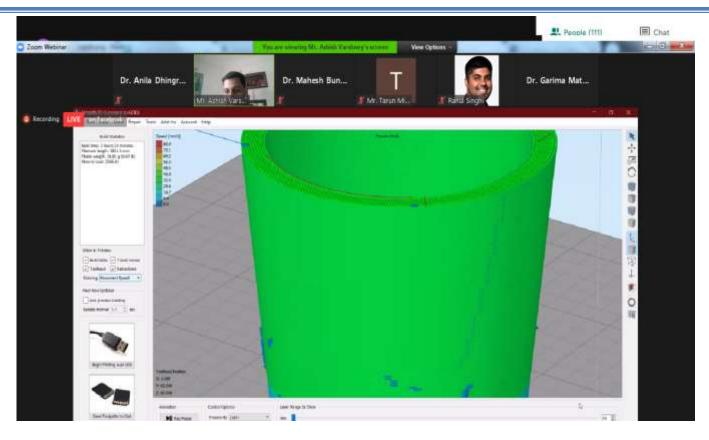


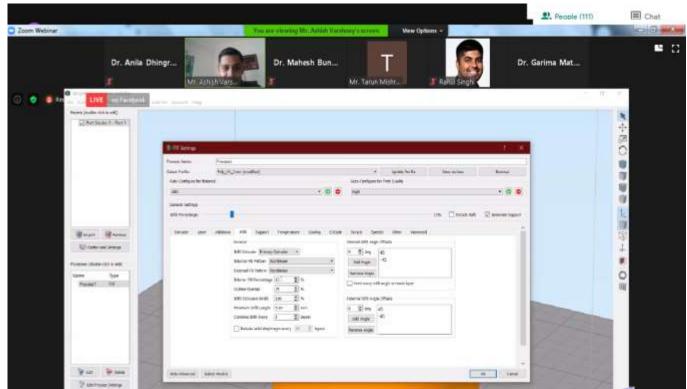
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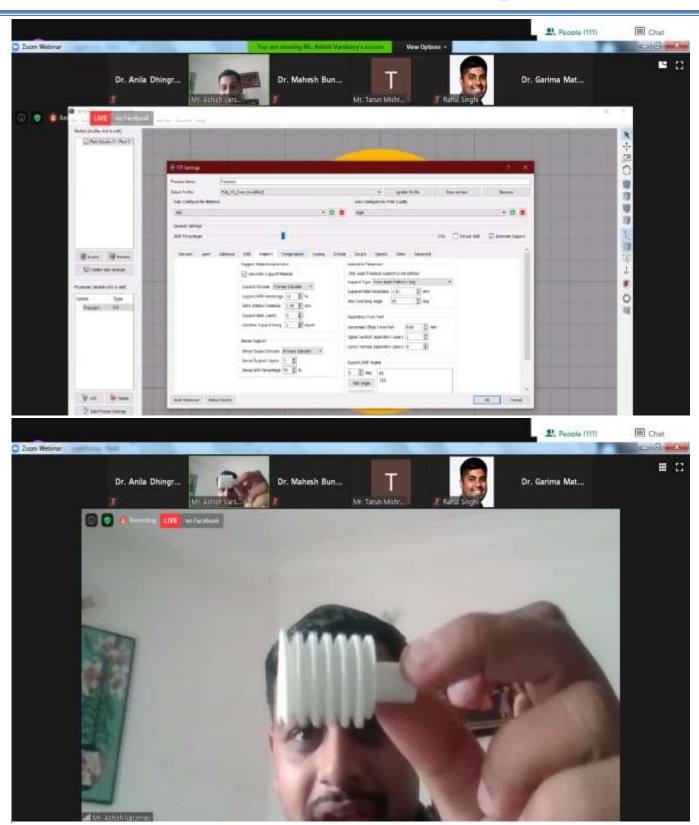








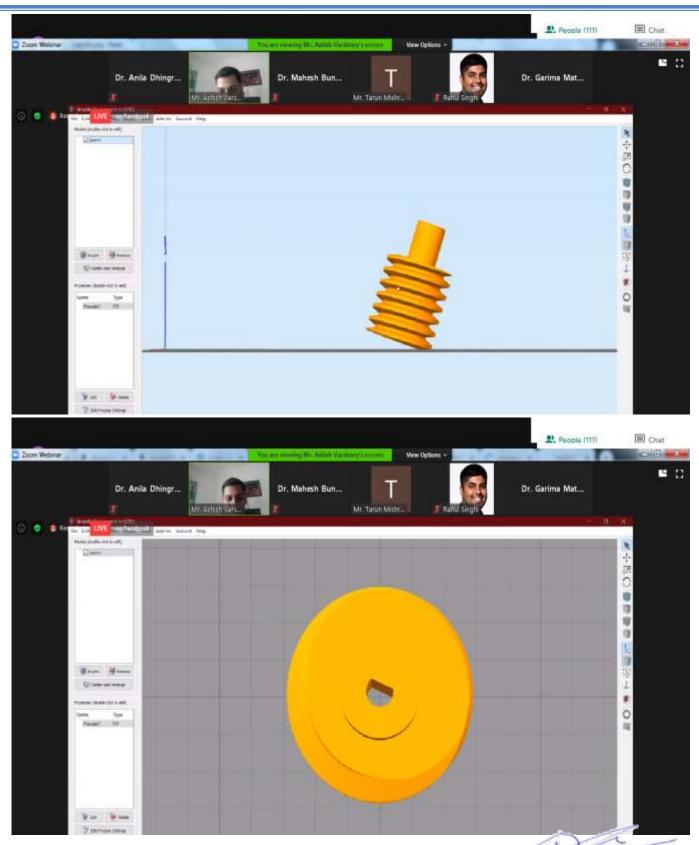










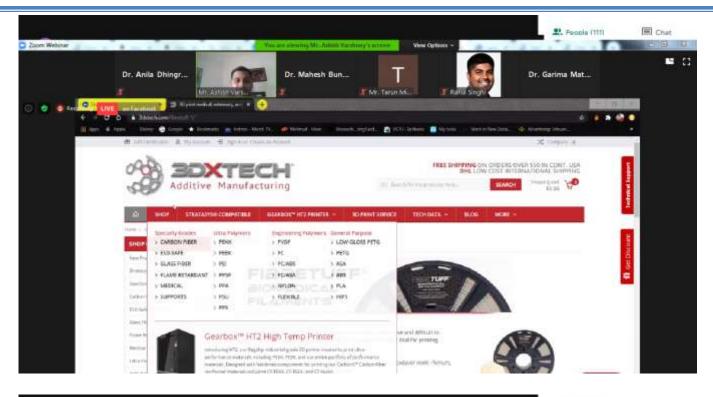


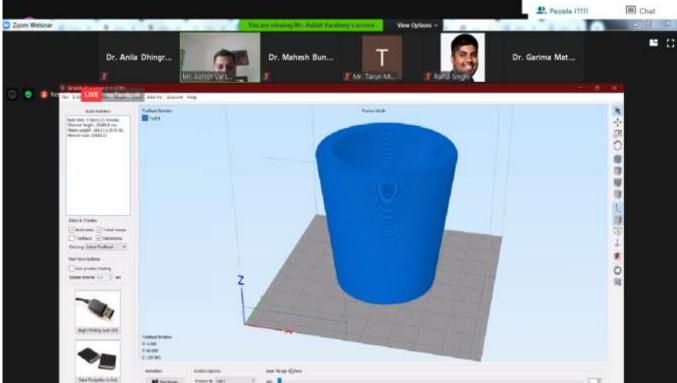
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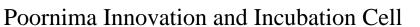








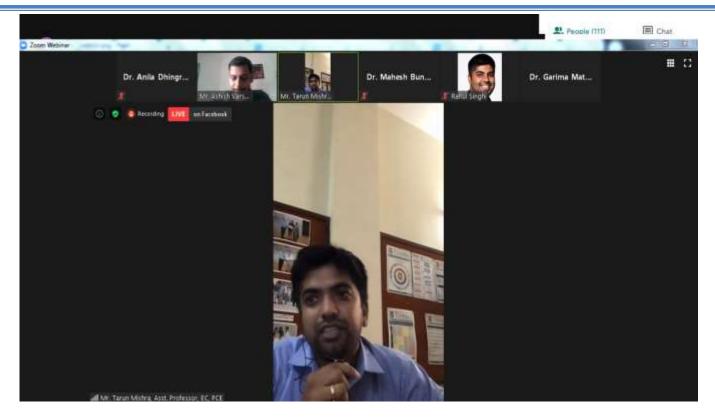












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# POORNIMA COLLEGE OF ENGINEERING

# **Poornima Innovation and Incubation Cell**

# **My Story - Motivational Session by Successful Innovators**

on

### **Advances in Biomass Energy Technology**

**Date:** Sep 30, 2020

**Time:** 12:00 Noon – 01.30 PM

**Venue:** ZOOM APP (In Online Mode )

S. No.	Activities	Time	Faculty/Dignitaries
1	Logging In of Faculty members, Participants and Students	11.40 AM-11:45 AM	
2	Welcome of Panelist & participants Speaker: Dr Rajneesh Kaushal (Professor, National Institute of Technology, Kurukshetra) Dr. Mahesh M. Bundele, Principal & Director, PCE Mr Pankaj Dhemla, Vice Principal, PCE Dr Virendra Sangtani (HOD, EE, PCE) Dr. HimaniGoyal Sharma	11:45-11:50 AM	Dr. Himani Goyal Sharma
3	Introduction to the Speaker	11:55 -12:00 NOON	Dr. Himani Goyal Sharma
4	Words of Wisdom	11 7.111 1 7.115 NIOON	Dr Mahesh M Bundele Director - Principal ,PCE
5	Talk by the speaker	12:05-01:15PM	Dr Rajneesh Kaushal
6	Oueries by Participants	01:15 PM- 01:25PM	Anchor/ Dr Rajneesh Kaushal
7	Vote of Thanks	01:25-01:30PM	Dr Virendra Sangtani (HOD,EE, PCE)

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#### **Profile of the speaker**



Dr Raineesh Kaushal, Professor, **National Institute of Technology** Kurushetra

Dr Rajneesh Kaushal completed his Phd in Thermal Engineering. He did M.Tech and B.Tech in Mechancial Engineering. At present he is working at NIT-Kurukshetra (Institution of National Importance).

He has published more than 50 papers in various Journals/Conferences of National and International repute. Dr. Rajneesh has also organized one International Conference at National University of Singapore in June 2019. He had organized 26th in series a National Conference on Internal Combustion Engines and Combustion at NIT Kurukshatra in November 2019 under the aegis of The Combustion Institute.

He has been awarded with a Certificate of Outstanding Reviewer of 2017 by Elsevier.

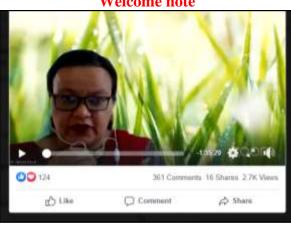
His research interests are thermal engineering, experimental heat/mass transfer, solar thermal energy, renewable energy, liquid desiccant air conditioning and bio-energy.

Presently he is supervising 7 Ph.Ds,1 PhD degree has been awarded and 1 PhD thesis is submitted. So far he has guided 32 M.Tech. dissertations.

Dr. Rajneesh has been working on a research project titled 'Design and Development of a Hybrid Powered Liquid Desiccant System for Air Conditioning and Fresh Water Production', funded by SERB-DST, Govt. of India.

He has also published two patents namely 'Solar Heat Collector' and 'Dehumidifier/Regenerator Apparatus' with the Indian Patent Office, Govt. of India.

Welcome note



Dr Himani Goyal Sharma

College of Engineering

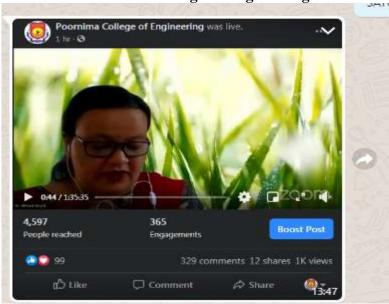








#### Convener Student Branch Counsellor(STB08621) Poornima College of Engineering



<u>May 30,2020</u>: Dr Himani Goyal Sharma, Convener of the Webinar and Student Branch Counsellor welcomed all the participants as well as the speaker. There were a total of 1016 participants who had registered for the webinar on May 30, 2020. Out of this, almost 80 participants were from the host Institute and the rest 936 participants were from other parts of the country.

Due to the current lockdown in the country and around the globe, this is good opportunity to connect through Internet and share the knowldege.

Since in the current scenario, there is depletion of conventional Energy sources, focus has shifted to Electricity generation through Nonconventional means of Energy Sources. The main objective of the Webinar was to focus on the latest Biomass Energy technology applications i.e. Burning biomass directly, or converting it into a gaseous fuel or oil, to generate electricity.

The topic of the Webinar was "Advances in Biomass Energy Technology".

**Brief Report** 

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Dr Rajneesh Kaushal spoke about the Importance of Biomass Energy. He also spoke about how humans are ignorant about this very Important energy source. He talked about methods of how to general energy from waste sources is very important nowadays. Since the participants were mix of students faculty members and







Industrialists, he focused on wider spectrum of audience.

As per government of India ,MNRE report 2016-2017, in India, 500 metric tons of Biomass is available per year and around 17500 MW can be produced from available Biomass. In India Haryana and Punjab are the most potential states where the availability of Biomass is good. In other parts also it is also available. Then he showed in World, USA are utilizing this resource, Alaska , Brazil, South America are producing Bio fuels as source of energy. China is also ahead of us. Other countries in South east Asia are also ahead of us in spite of having huge potential. Globally India is dependent about 80 % on fossil fuels. Then he talked about Biomass Utilization Spectrum. There are three routes. i.e. Thermo chemical conversion (Pyrolosis) , Bio-chemical conversion and chemical conversion.

Low grade energy i.e. heat. can be taken out through Thermo chemical conversion. i.e. Pyrolsis Biogas or compressed Biogas or CNG .He spoke about anerobic Digestion in absence of Air. He spoke about Biofuels B10, B20 that are blended fuels available in petrol station in ratio of 10 % or 20 %. Then he focused on Biofuels. He spoke about heat and mass transfer. How we can contribute about utilizing this renewable energy to generate electricity. Converting Biomass into useful gas, once fuel is converted .

Through gasification we can have low value gas or medium heating gas. Utilizing this medium gas for electricity generation through mechanical turbine and through Synthesis.

He spoke about future of IC Engine. i.e. hydrogen energy. Hydrogen is future of IC engine. Storage and production of hydrogen is a challenge. After synthesis we can generate hydrogen gas.

He spoke about practical lab. He also talked about medium heating gas. Low value heating gas. Which type of feedstock we are using in the gasification. Output is producer gas. In Engine we can use it directly to produce electricity. Water can be converted into steam. Production of Ammonia through this process. Conversion of Biomass into useful energy.

Production of Bio gas was discussed. In rural area it is more used. It is compressed here and bottled. Before compression, it is upgraded. And purified .In biogas, the major constituents, methane and gas are major constituents. Various compositions of methane were discussed. Here focus is on Methane. By using organic matter cowdung, methane is just 40 %..

Methane can be enriched into CO by following number of methods.

Production of Biogas is discussed. Using anaerobic digestion or fermentation, no inorganic matter should be supplied.

Matter supplied to biogas should be organic in nature. No inorganic matter should be supplied into biogas plant. The process is discussed for production in form of case study of rural area where the waste is cow dung. Slurry is produced which is mixture of organic waste and water. The main unit is digester. Slurry is decomposed. Seeding is done here in the process of Biodigestion plant.

Requirement of fertization is discussed here. The basic scheme of Biogas plant is discussed here using Centralized Biogas plants in Denmark plant. Layout of Biogas plant is discussed using Isometric view. Crop and crop residue are available in Punjab and Haryana. These are pre-treated .Digester tank is discussed here.

Process of Bio-digestion is discussed here. Various phases are discussed here like Hydrolysis phase, Acidogensis phase, Methonogenesis phase. More methane content, more the quality of bious. Hydraulic retention time is discussed. Important parameters which affect the Anarobic digestion process, out of which







temperature is most important .i.e. 20 to 40 degree is conducive range for bacteria to grow well. The production rate of gas is enhanced. Hydraulic retention rate i.e. HRT is discussed .

Materials used for Bio gas plant are discussed here. Area of non-degradable waste is also discussed. Variety of biogas waste is also discussed here. Tested Substrates are discussed here.

Combination of various waste is also done here. Biogas yield v/s waste is discussed. 202 cubic metre of methane, is discussed.

Liquid cattle menu is discussed. so that we can have methane value as highest here.

Various research facilities available at NIT Kurushetra are discussed here. Experimental set up of Digester Tank with digital output is discussed here.

Data Acquisition system are discussed here.

Modified Gompertz model is used to estimate the average quanity of methane, is also discussed here. Various graphical representations are discussed in the webinar.

Dr. Rajneesh has been working on a research project titled 'Design and Development of a Hybrid Powered Liquid Desiccant System for Air Conditioning and Fresh Water Production', funded by SERB-DST, Govt. of India.

So, he discussed about this in webinar and showed pictorial view of the same. Scrubbing unit is discussed. H<sub>2</sub>S, CO<sub>2</sub> and moisture is scrubbed out in this process.

He discussed about different types of Biogas plant: Fixed Dome Type of Biogas Plants, (where volume is fixed but pressure is varying, life is 20 years), Next is Floating Drum gas holder type (where volume is varying.) Next is Bag Type Biogas plant, where there is no leakage and so more efficiency. In India, we have Janta type, KVC Floating type, Deenbandhu type, Shramic type of Biogas type plant. MCRC organization is working on different types of Biogas plants.

ASTRA is working on different designs. Their comparison is made.

Construction of Biogas digester is discussed in terms of five components. Preprocessing is required. Depending on types of prestock process.

IIT Delhi is working on compressed Biogas Production.

Biogas production potential from different waste is discussed. Utilization of biogas is discussed. In India it is used for cooking only. Due to lack of people awareness. Due to bad design, government has not been able to utilize it properly.

Duel fuel mode is discussed i.e. instead of Air, Biogas is supplied.

Benefits of Biogas is discussed as a mass resource. Availability at affordable rate, reduce pollution, reduce reliance on fossil fuel. Global energy production on fossil fuel is more than 70 %. To save ecology, switching is required. Deforestation is happening. To reduce deforestation, to improve living standard of rural area, it is required to use this. To reduce global warming, green house gases are emitted thrown away garbage.

The main product is biogas. Nothing is waste here. Circular sanitization is discussed. Requirement of 5 cubic metre plant for a family of five persons was discussed. Energy calculation of biogas plant was discussed out of four animals producing cowdung.1cubic metre produces 1 cubic joules of energy.

Calculation for cooking is shown here. Gasification processes are discussed. i.e. partial combustion of dry waste. Biomass into useful energy is known as Gasification. Efficiency can be calculated out of this. Output is producer gas.

Classification of Gasifier was discussed.

Bubbling bed and circulating bed was discussed. Schematic downdraft Gasifier –KKR was discussed which is present in NIT Kurukshetra.

Variable Compression Ratio (Duel Fuel) Diesel Engine was discussed. Lot of diesel Andread with producer







gas at NIT Kurushetra.

Engine control unit is of open type.

Recent studies of Biomass Technology was also discussed.

Scope of future work in this area was also discussed in India and other countries. Microbial fuel cell was also discussed.

Single cylinder Multi fuel VCR engine present at NIT Kurushetra was also discussed. Engine test bed was discussed. Steam turbine test rig is being run on producer gas at NIT which at present is running on diesel. Other facilities were also discussed which are also present at research and development cell of NIT Kurushetra.

Some queries were also discussed. Some question was asked on Floating Drum type Biogas plant. It is constant pressure since it is floating type. Biogas contain some impurities which are corrosive. Chemical srubbing system is used for removing the corrosiveness in the plant. What is the lifespan of Biogas and Bag type plant. Sir said that FRP was used. Life is upto five years. In government had taken initiative of making biogas plant in rural area, but it is not successful since the plant design was not good. In modern design, the axle is used so that there is no choking and no tilting, and its design is also good.

The main aim should be to make people aware of this biogas. Biomass production affects the environment. Hotel waste is thrown away so it affects the environment. In every municipality, there is challenge since compositing is also not a very good option.

GLIMPSES OF THE WORKSHOP

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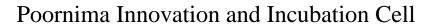


A welcome note by Dr Himani Goyal Sharma



Formal welcome note by Dr Virender Sangatani ,HOD,EE

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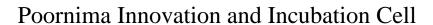


Guest Speaker Dr Rajneesh Kaushal



Introduction to the topic by Dr Rajneesh Kaushal

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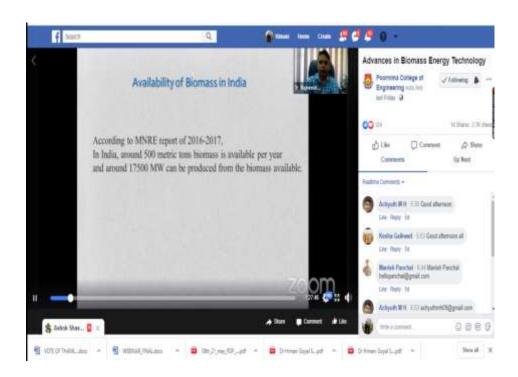








Importance of Biomass Energy Source was discussed



MNRE Data of biomass discussed

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**Demographic Data was discussed** 



World data discussed showing pesence of Biomass

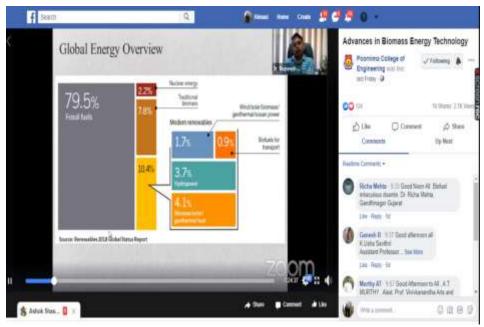
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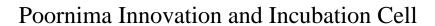


Dependency on Fossil fule discussed



**Biomass Utilization Spectrum discussed** 

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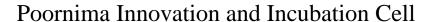


#### Construction of Biogas Digestor plant discussed



**Biogas production from waste** 

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#### **Utilization of Biogas discussed**



Flexibility of Gasification methods

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Composition of Biogas in terms of Methane



**Process of Biogas production** 

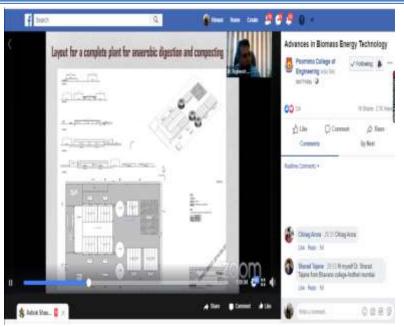
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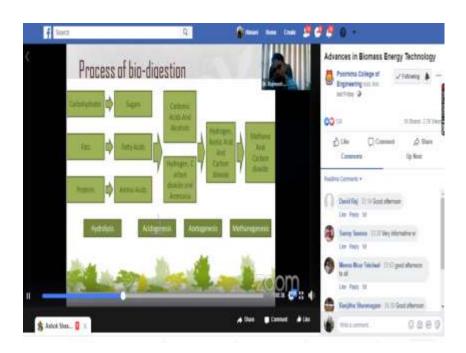








Layout for a complete plant for anaerobic digestion and composting



Layout of process of Bio-digestion

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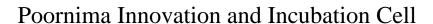


Various parameters affecting Biogas



Layout percentage of Raw materials for biogas

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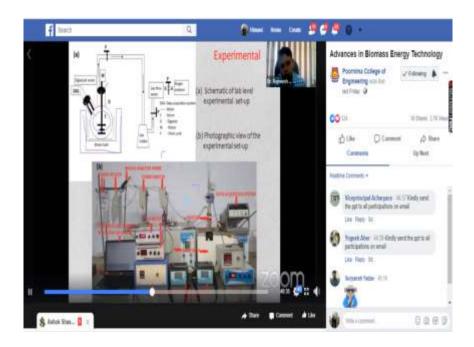








**Composition of various Tested Substrates** 



**Experimental set up of Biogas plant** 

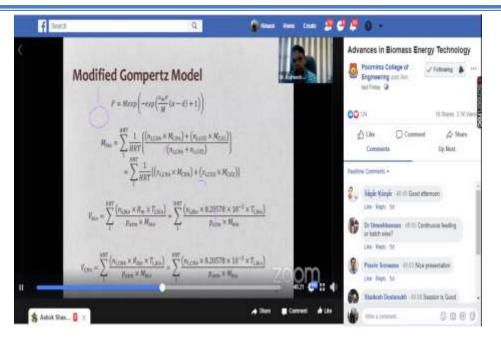
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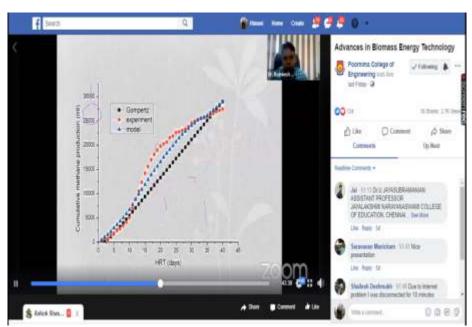








**Modified Gompertz Model** 



Graphical representation of Cumulatative methane production

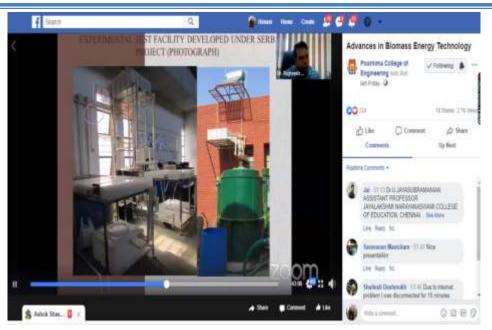
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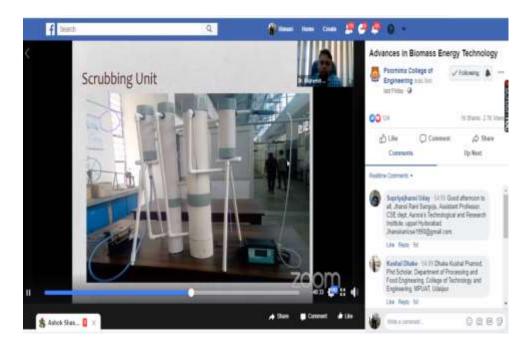






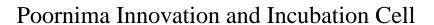


Experimental Test Facility developed under SERB Project (NIT Kurushetra)



Scrubbing Unit at NIT Kurushetra

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**Different types of Biogas Plant** 



**Fixed Dome Type of Biogas Plant** 

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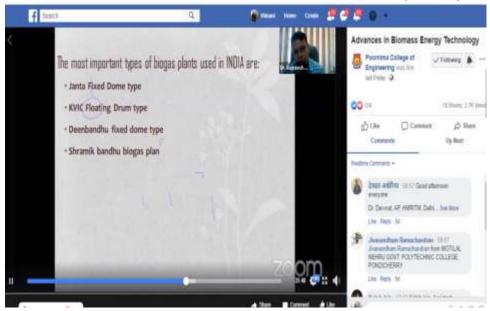








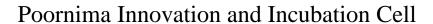
#### MURRUGAPPA CHETTIAR RESEARCH CENTER (MCRC)



Some Important types of Biogas Plant

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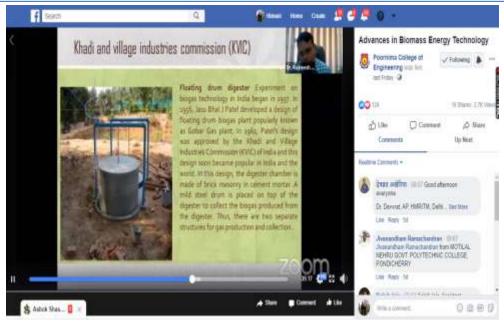
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Khadi and Village Industries Commission (KVIC)



Deenbandhu Biogas Plant

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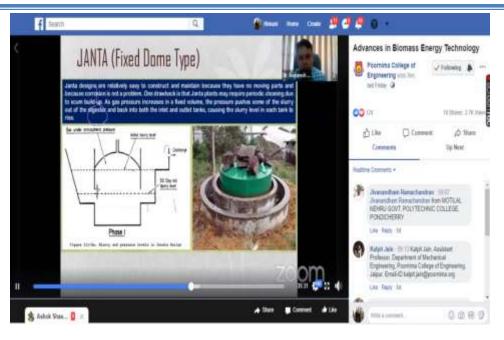
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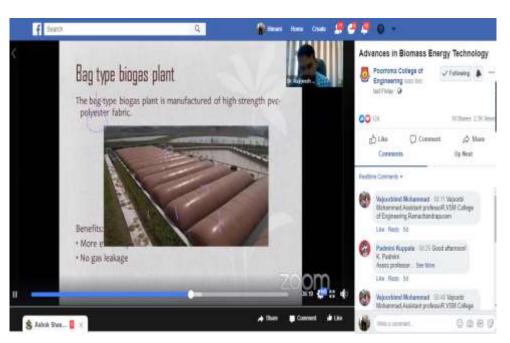








Janta (Fixed Dome Type )



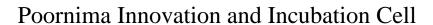
**Bag type Biogas Plant** 

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ASTRA (Application of Science and Technology for Rural Areas )



**Benefits of biogas** 

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**Energy Calculation of biogas plant** 



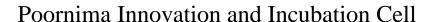
**Calculation for Cooking** 

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**Process for gasification** 



**Utilization of Biogas** 

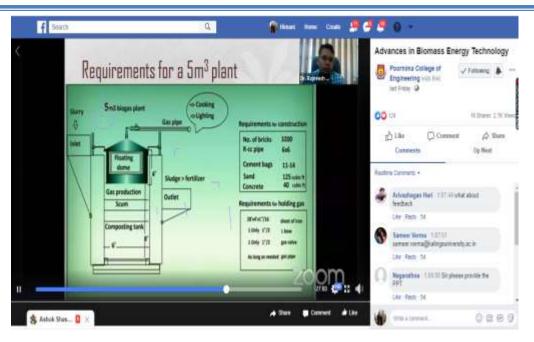
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### Requirement for a 5m<sup>3</sup> plant



Schematic of Downdraft Gasifier at NIT- KKR

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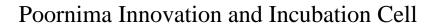


#### Variable Compression Ratio (Dual Fuel) Diesel Engine



Recent Advancements in India and world in Biomass Technology

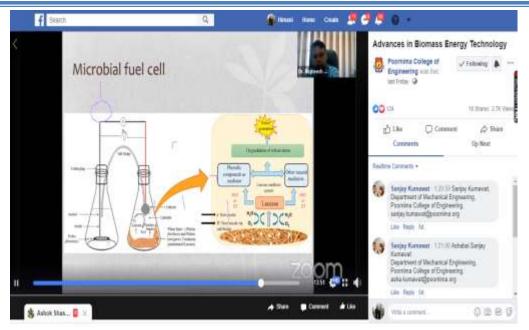
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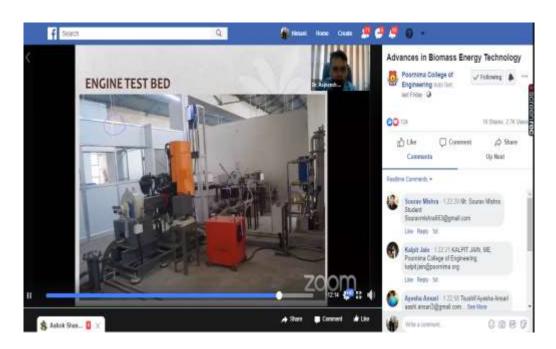






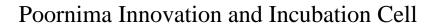


**Microbial Fuel Cell** 



**Engine Test Bed** 

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**Steam Turbine Test Rig** 



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### **Queries Session by participants**



**Valedictory Session** 

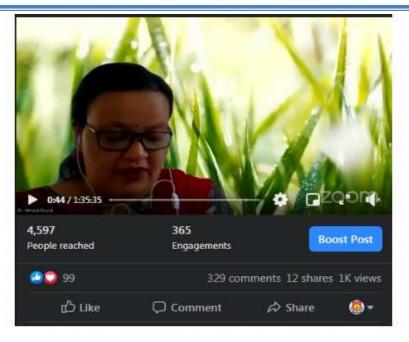
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Dr Himani Goyal Sharma thanked the speaker . She invited the Hod Dr Virendra Sangatani to express the Vote of Thanks

**Vote of Thanks** 



Dr Virendra Sangatani HOD Electrical Engineering

**VOTE OF THANKS** 

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"Something which we think as Impossible now is not Impossible in Another Decade "These are the words of Constance Baker Motley.

Dr Virendra Sangatani HOD Electrical Engineering, on behalf of Department of Electrical Engineering, and the entire fraternity of the Poornima College of Engineering first of all extended his humble gratitude to Almighty God for making the day a resounding success. On his own behalf he extended a very hearty vote of thanks to the Guest Speaker Dr Rajneesh Kaushal Professor, NIT Kurushetra who spared time from his busiest schedule to enlighten us on the advances taking place in Biomass Energy technology. This topic is of immense value to an aggragrian society like ours.

He also thanked more than 1000 participants who had given an Overwhelming response to this webinar by actively participating in this online mode of learning.

He also expresed his sincere thanks to AR. RAHUL SINGHI, DIRECTOR POORNIMA FOUNDATION, his words of encouragement. His able guidance has always encouraged us. He thanked him for his kindness, his interest in providing us this Online Platform to interact with participants from all over India and continued support.

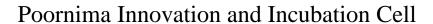
He thank our well-wisher, DIRECTOR PRINCIPAL DR MAHESH BUNDELE SIR for his STEWARDSHIP, support, vision and commitment.

He also thanked our VICE PRINCIPAL MR PANKAJ DHEMLA SIR for his un-stinted support for this event.

He expressed Heartfelt Thanks to the administrative staff especially our registrar Mr Devendra Somwanshi, Mr Shivraj, and Mr Retiesh for making everything available to us within fraction of second even at the last minute also.

A big 'Thank You' to Dr Himani Goyal Sharma for her enormous contribution in the organization of this event.

Dr. Mahesh Bundele B.E., M.E., Ph.D. Director









Well, an event like this cannot happen overnight. The wheels started rolling weeks ago. It requires planning and a birds eye for details. He said that we have been fortunate enough to be backed by a team of very motivated and dedicated colleagues of Poornima Foundation who know their job well.

At last he said that he cannot thank everyone enough for their involvement and their willingness to take on the completion of tasks.

The main objective of this webinar was that Faculty Members, students, Academicians, can use this Lock down period as a good opportunity for effective learning through this Online Faculty Development programme.

Once again he went on to state that we are all most grateful to all the participants here. He thanked them for being with us and supporting us throughout. It has been a great pleasure.

FINALLY, HE QUOTED AN INSPIRING QUOTE BY MARTIN LUTHER KING,

"AN INDIVIDUAL HAS NOT STARTED LIVING UNTIL HE RISES ABOVE THE CONFINES OF HIS INDIVIDUALISTIC CONCERNS TO THE BROADER CONCERNS OF ALL HUMANITY".

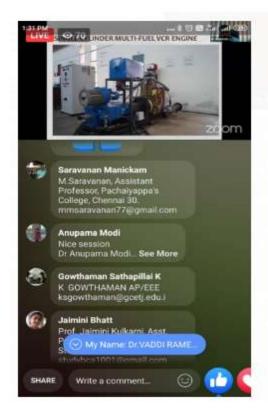
Some Glimpses of feedback session on Facebook

Dr. Mahesh Bundele B.E., M.E., Ph.D. Director Poornima College of Engineering ISI-6, FUICO Institutional Area

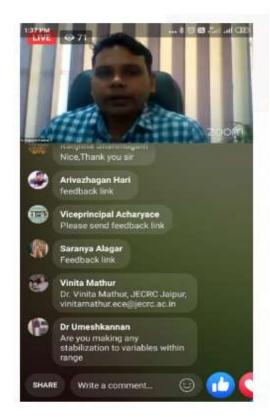


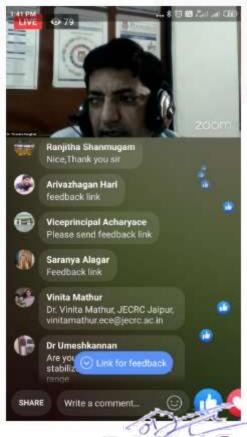


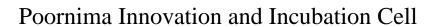










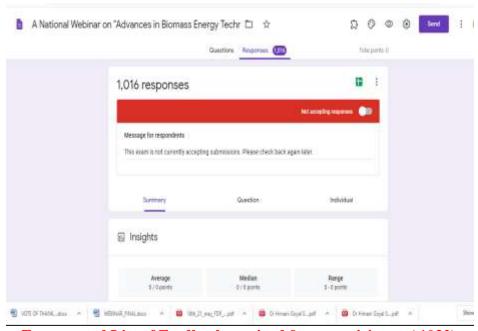




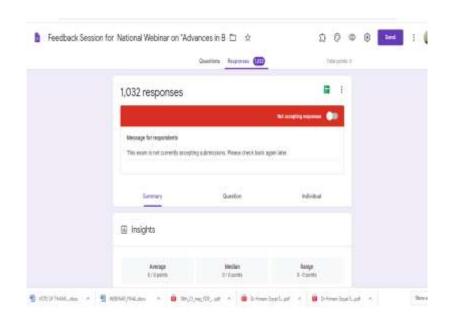




#### **Enumeration of Registered Participants in the Webinar (1016)**



**Enumerated List of Feedback received from participants (1032)** 



Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
131-6, RIICO Institutional Area
Stlapura, JAIPUR







### **Feedback Analysis**

# Feedback was taken from the participants on following attributes. **The analysis is presented below;**

ARULKUM AR U	Annamalai Nagar, Chidambaram tamilnadu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Energy	5. Exce llent	Please operation s and maintena nce of motor	Electrica l engineer	Annamalai University
Sudhanshu Singh	Amity university	Ye s	Yes	4	5. Exce llent	5. Exce llent	Presentati on	4	Use another platform also	Asst Prof	AUR Jaipur
Swapnil Suresh Loya	Nasik	Ye s	Yes	4	4	4	Nice Content	4	Go for Youtube instead of Facebook	Student	Ashoka Business School
Jigar .R.Sathwara	B/h taluka panchayat ,malpur road ,modasa	No	No	4	4	4	No	4	No	Lab in- charge	Shri H.L.Patel Saraswati Vidhyalay ,Modasa
Sachin Ramesh Jadhav	Dondaicha Dhule	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Very informati ve session sir. thanks for giving valuable knowledg e	5. Exce llent	The session has been very informati ve and interactive. Thank you for this session	Lecture	Ahinsa Polytechnic Dondaicha
Pradeep Raj S	Erode	Ma ybe	Ma ybe	3	2	3	No idea	3	No	Student	Nandha Engineering College
Dr. S. SURESH	Dr. S. SURESH	Ye s	Yes	4	4	4	Explanati on of advanced biomass technolog ies	4	Better to organise a single Webinar platform with more number of participan ts	Assistant Professo r	Sri Vidya Mandir Arts & Science College
E.P.Shibbi	Perundurai,Tamiln adu	Ye s	Yes	4	4	4	It is very understan dable	4	No suggestio ns	Student	Nandha Engineering College







Sathiyasree S	Erode	Ma ybe	Ma ybe	3	2	2	No idea	2	No	Student	Nandha Engineering College
Preethi.k	Vaikkal medu,perundurai,e rode.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Nice	5. Exce llent	Nothing	Student	Nandha engineering college
Dr.sunil Kumar Yadav	Institutional Area Sitapura, Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Speaker is well knowledg e and good delivery	5. Exce llent	Thanks to organizer s	Professo r	Poornima College of Engineering
Asst. Prof. Remya Madan Gopal	Pillai HOCL Educational Complex, Khalapur, Raigad (Dist), Rasayani, Maharashtra 410207	Ye s	Ma ybe	4	4	4	How to save natural energy resources	4	Organize more webinars on such relevant scientific topics	Assistant Professo r	Pillai HOC College of Arts, Science & Commerce, Rasayani
GOKILA VANI.R	Ealur pirivu, kinathukadavu, coimbatore	Ye s	Yes	3	4	4	Nice session,I like all the thing in this session	3	No	Student	V.S.B College of engineering technical campus
Surya prakash R	Erode	Ye s	Yes	1 Comp letely irrelev ent	5. Exce llent	5. Exce llent	Spr	5. Exce llent	No	BE. Cse	NANDHA engineering college
E.P.Shibbi	Perundurai,Tamiln adu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is easy to understan d	4	No suggestio ns	Student	Nandha Engineering College
R.S.Shri Sujethaa	Perundurai,Tamiln adu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is very easy to understan d	5. Exce llent	No suggestio ns	Student	Nandha Engineering College
VASANTH KUMAR P	Perudurai Erode	Ye s	Yes	4	4	4	Everythin g	4	No	Student	Nandha Engineering College
VASANTH KUMAR P	Perudurai Erode	Ye s	Yes	4	4	4	Everythin g	4	No	Student	Nandha Engineering College
R.S.Shri Sweathaa	Perundurai,Tamiln adu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is easy to understan d	5. Exce llent	No suggestio ns	Student	Nandha Engineering







R.P.GOSAVI	Dhule road, Dondaicha	Ye s	Yes	2	5. Exce llent	3	Content provided in the session	4	Topic explain in brief	Associat e professo r	Ahinsa polytechnic,Dondaic ha
Sindhu.c	Nandha engineering college, perundurai rode,vaikal medu,erode 52.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All are very useful for us	5. Exce llent	Nothing	BE compute r science engineer ing	Nandha engineering college
Yogesh Bhaskar Aher	Chandwad Dist.Nashik,Mahar ashtra	Ye s	Yes	4	4	4	Biomass utilization sprectum	4	Next time please aarange two session	Lab.Assi stant	KKHA ARTS SMGL COMM &SPHJ SCIENCE College Chandwad
Rahul vishwas pimpale	Ahinsa polytechnic dondaicha dhule	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on and knowledg e of the person	5. Exce llent	Nice	HOD	Ahinsa polytechnic dondaicha Dhule
S.Riyaz Ahamed	Perundurai,Tamiln adu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is easy to understan d	5. Exce llent	No suggestio ns	Student	Nandha Engineering College
P.Sri Sneka	Perundurai,Tamiln adu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is easy to understan d	5. Exce llent	No suggestio ns	Student	Nandha Engineering College
M. Kanika priya	Saradha Gangadharan College ,Velrampet ,Puducherry	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Explainat ion	5. Exce llent	No	Assistant professo r of English	Saradha Gangadharan College
Chaitra Panat	Behind D.I.C, NH6, Jalgaon	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Each n everythin g was good	5. Exce llent	Overall session was too good n informati ve	Assi.Pro f.	KCESs COEIT,Jalgaon
C.Sindhu	Perundurai,Tamiln adu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is easy to understan d	5. Exce llent	No suggestio ns	Student	Nandha Engineering College
Dr. V. BRINDA SHREE	Coimbatore, Tamil Nadu	Ye s	Yes	4	4	4	Content was very enlighteni ng	4	Nil	HoD & Assistant Professo	THE TIPS GLOBAL INSTITUTE
Gaurav Tamrakar	Naya Raipur (CG)	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on	5. Exce llent	no	Assistant Professo	inga University







Prajapati Jankiben Mangalbhai	Gandhinagar, Gujarat	Ye s	Yes	3	4	5. Exce llent	Biogas	4	No		Shri Maneklal M. Patel institute of science and research technology
VENKANN A HUGGI	GHANTIKERI HUBLI	Ye s	Yes	3	4	4	Very informati ve	4	Very Good and resourcef ul	PRINCI PAL	SHANTINIKETAN COMMERCE COLLEGE
Bhuvnesh Dave	National Highway 162, Reniya Bera, Village Jadan, Pali, Rajasthan 306401	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Oveall session is good	5. Exce llent	No	Assistant Professo r	Mahaveer Institute of Technology and Science
BOGALA MADHU	Department of Processing and Food Engineering, College of Technology and Engineering, MPUAT, Udaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All sessions are needful	5. Exce llent	Nil	PhD Research Scholar	College of Technology and Engineering, MPUAT, Udaipur
Shubhangi Ramkrushna Bachhav	At post jalgoan	Ye s	Yes	2	5. Exce llent	5. Exce llent	All over session	5. Exce llent	No	BE (electric al)	KCE COEIT ,jalgoan
Ajit	Kanota Jaipur	Ye s	Yes	4	5. Exce llent	4	Related to my PhD work	4	Knowled geable session	Asst Professo r	Anand International College of Engineering
Birajdar Prashant Bhagwanrao	Dilip nagar Almala, Tq. Ausa, Dist. Latur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It's benficier to adopt in villages	5. Exce llent	No	Lecture	VAPM, Almala
BASAVRAJ GENABA BORKADE	AT- GODHALPADA, VESHVI TAL- ALIBAG	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Informati ve session advanced in biomass topic	5. Exce llent	Good organized	ASSIST ANT PROFES SOR	PPES ARTS,COMMERC E AND SCIENCE COLLEGE VESHVI ALIBAG
Priyanka Gupta	NayaRaipur, Chhattisgarh	Ye s	Yes	4	4	4	Advantag es of Biomas	4	No	Assistant Professo r	Kalinga University
K. ANAND KUMAR	HYDERABAD	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	nice session	5. Exce llent	good organized webinar	Assistant Professo r	ANURAG COLLEGE OF ENGINEERING, AUSHAPUR
SHAILESH DESHMUK H	Raipur. Chhattisgarh	Ye s	Yes	4	4	5. Exce llent	Practical approach of biomass	4	Thank you whole team for organizin g this webina	Assistant Professo r	Kalinga University, Rainer. Chhattisgarh







RAHUL SHARMA	ISI-6 RIICO Institutional Area Sitapura, Jaipur- 302022 Rajasthan	Ye s	Yes	4	5. Exce llent	5. Exce llent	Bio mass	5. Exce llent	NIL	Assistant Professo r	Poornima College of Engineering, Jaipur Rajasthan
Hemant R Kulkarni	At Post, Mahiravni, Nashik	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The presentati on was good.	5. Exce llent	NA	Associat e Professo r	Sandip Institute of Engineering and Management, Nashik
SUNIL KUMAR AGARWAL	Sitapura, Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Entire session was excellent	5. Exce llent	Keep it up	Assistant professo r	Poornima College of engineering
Gaurav Arunrao Sonawane	JALGAON	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	NICE AND INFORM ATIVE SESSION	5. Exce llent	NO	Student	KCES COEIT JALGAON
Sourabh sharma	Nh-75, opp. Sithouli Railway Station, Sithouli, Gwalior, Madhya Pradesh 475001	Ye s	Yes	4	4	4	Uses of biomass energy	4	Overall good	Assistant Professo r	ITMGOI
Sriilalit Narayana Chintalapati	King kothi, Abids , Hyderabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The delivery	5. Exce llent	Follow up many other such sessions	Associat e Professo r	Methodist College of Engineering and Technology
TALARI MANOHAR	ITIKALAPALLI NEAR SKU ANANTAPUR	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Nice session	5. Exce llent	No	ASSIST ANT PROFES SOR	ANANTHA LAKSHMI INSTITUTE OF TECHNOLOGY AND SCIENCES
ANKUR KUMAR	Ramnagria road,Jagatpura Jaipur	Ye s	Yes	4	4	4	Good represent ation of things.	4	Do this type if webinar time to time.	Assistant professo r	SKIT Jaipur
SHANJUL SHRIVASTA VA	Nawabganj, Kanpur	Ye s	Yes	4	3	3	Layout of plants provided	4	Longer session	Student	Harcourt Butler Technical University
MAHADEV A	Bidadi industrial area, Bidadi. Bengaluru	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All topics are very informati ve.	5. Exce llent	The presentati on was informati ve and excellent.	Assistant Professo r	Amruta Institute of Engineering and Management Sciences
ANIL KUMAR YARAMAL A	HYDERABAD	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Everythin g is good	5. Exce llent	Nothing	Assistant professo r	Vignana bharathi institute of to mology







Megha Gupta	Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Overall good	5. Exce llent	No	Research Scholar	Manipal University Jaipur
SHARAD SHRIVASTA VA	Kukas, Jaipur	Ye s	Yes	4	5. Exce llent	4	2 meter cube plant	4	No	Assistant Professo r	Arya Institute of Engineering and Technology
KUMAR AVINASH CHANDRA	Dr. A.P.J.A.K. Women's Institute of Technology, Darbhanga	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Very informati ve	5. Exce llent		Assistant Professo r	Dr. A.P.J.A.K. Women's Institute of Technology, Darbhanga
GOKILA VANI.R	Ealur pirivu, kinathukadavu, coimbatore	Ye s	Yes	3	4	3	Nice session,N ice explanati on	3	No	Student	V.S.B College of engineering technical campus
Jigar.R.Sathw ara	B/h taluka panchayat malpur road ,modasa	Ye s	Yes	4	4	4	Good speaker	4	No	Lab in- charge	Shri .H.L.Patel Saraswati Vidhyalay ,Modasa
V.SARATH KUMAR	Erode	Ye s	Ma ybe	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Excellent	5. Exce llent	Super	Student	Karcas
ANIL KUMAR SINGH RAGHAV	JIET UNIVERSE N.H.68, PALI ROAD MOGRA, JODHPUR	Ye s	Yes	4	5. Exce llent	5. Exce llent	POINT COVERE D IN RECENT STUDIE S i.e. about outdoor cultivatio n	5. Exce llent	seat was very limited in zoom.	ASST. PROFES SOR	JIET GROUP OF INSTITUTIONS
Shubhangi Ramkrushna Bachhav	At post jalgoan	Ye s	Yes	2	5. Exce llent	5. Exce llent	All over seaaion	5. Exce llent	No	BE Electrica	KCE COEIT JALGOAN
SOHIL MAHAMME DBHAI LUHAR	HIMATNAGAR	Ye s	Yes	4	5. Exce llent	5. Exce llent	Presentati on	5. Exce llent	No	Lecturer	GROW MORE FACULTY OF DIPLOMA ENGINEERING, HIMATNAGAR
Nischitha Rani G	Mysuru	Ye s	Yes	3	3	4	Way of explanati	4	Nthg	Student	Maharani's women's commerce and management college Mysuru
Mrs H H kulkarni	Nashik	Ye s	Yes	4	4	4	Presentati on	4	No	Assistant Professo r	R H Sapat college of Engeenering







Ananth Narayan Tripurari	Esamia Bazar,Hyderabad.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on	5. Exce llent	-	Assistant professo r	RG kedia college
S. Samuel Thangaraj	St.Thomas Nagar, Koyambedu, Chennai 107.	Ye s	Yes	4	4	4	Recent advances in biomass energy technolog y	4	Good Effort	Assistant Professo r	St.Thomas College of Arts and Sciience
M.Areef sulaiman	K.Vellakulam, near Virudhunagar, Madurai district	Ye s	Yes	4	4	4	Everythin g in the session was informative	4	Please maintain this standard in upcoming webinars also	Student of II- Year B.Tech Biotechn ology	Kamaraj college of engineering and technology
A.Saranya	Madurai	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Solar energy	5. Exce llent	No	Lecturer	Madurai Kamaraj University
Vinay Kumar Gautam	Department of SWE, CTAE, MPUAT, Udaipur 313001	Ye s	Yes	4	4	5. Exce llent	The way of presentati on and simplicity	5. Exce llent	NA	PhD Research Scholar	CTAE, MPUAT, Udaipur
M. Leha	Dindugul, Tamilnadu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Valuable session	5. Exce llent	It's too good	Student	Gandhigram rural institute to be deemed university
Kranthi kumar Mathangi	Bogaram- Ghatkesar- kondapur, Hyderabad, telangana,501301	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Complete descriptio n	5. Exce llent	Video clarity	Assistant Professo r	Holy Mary Institute Of Technology And Science
Dr. POORNIMA DEVI P	Cauvery College for Women, Cauvery Nagar Main Rd, Annamalai Nagar, Woraiyur, Trichy- 18	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Biomass utilization spectrum	5. Exce llent	Overall good	Assistant Professo r of Chemistr y	Cauvery College for women, Trichy
HARIHARA N R	Maruthamalai road, navavoor pirivu, coimbatore	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is very useful to know about advancem ent in biomass energy	5. Exce llent	Nope	Student	Anna university, coimbatore

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, FUICO Institutional Area
Stapura, JAIPUR







							technolog y				
JARIPITI TRIVIKRA MA RAJU	Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan	Ye s	Yes	4	4	4	Good communi cation with the participan ts	4	No comment s	Research Scholar	College of Technology and Engineering
N.Vijayanand	Madurai	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Solar	5. Exce llent	Exc	Assistant professo r	Mannar Tirumalai Naicker College
NITIN CHHABRA	Shri ram ki nangal, Sitapura, Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Content was good	4	It's good.	Asst. Professo r	JECRC
K.MOHANA PRIYA	EALUR PIRIVU- KINATHUKADA VU	Ye s	Ma ybe	3	4	4	PRESEN TATION	4	Good PRESEN TATION	EEE	VSB COLLEGE OF ENGINEERING TECHNICAL CAMPUS
Prasanna .R	madurai	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good content	5. Exce llent	Nope	Student	Kamaraj college of engineering and technology
HUBERT TONY RAJ	SRM TRP ENGINEERING COLLEGE, TRICHY - 621105	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	ALL	5. Exce llent	Nothing	Assistant Professo r	SRM TRP ENGINEERING COLLEGE
Preethi.k	Vaikkal medu,perundurai,e rode	Ye s	Yes	5. Stron gly Justifi ed	4	5. Exce llent	All	5. Exce llent	Nothing	Student	Nandha engineering college
Dr. Parthasaradhi Reddy	400 feet outer ring road, Avadi, Chennai	Ye s	Yes	5. Stron gly Justifi ed	4	4	Productio n of biomass energy	4	NA	Assistant Professo r	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Deemed to be University)
Mit Patel	Silver Oak University, Near Bhagwat Vidhyapith, S G Highway, Gota, Ahmedabad, Gujarat pin code: 382481	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on Skill	5. Exce llent	No	Assistant Professo r	Silver Oak University







Mrs. S. Sasikala	Navarasam Arts and Science College for women, Arachalur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Nice presentati on	4	Thanks for the organizin g team	Assistant Professo r in Physics	Navarasam Arts and Science College for women
Dr Jyotindrakum ar J Bhatt	KSKV Kachchh University,Faculty Block"A",Mundra Road,Bhuj	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Everythin g was setup according ly to plan. The fundamen tal poibts were covered.	5. Exce llent	More webinar on revalent subjects and current affairs are the denand in this pendemic .	Ass Professo r	KSKV Jachchh University,Bhuj
S. SAMUEL THANGARA J	St.Thomas Nagar, Koyambedu, Chennai 107	Ye s	Yes	4	4	4	Recent advances in biomass energy technolog y	5. Exce llent	Good Effort	Assistant Professo r	St.Thomas College of Arts and Science
Dr VADDI RAMESH	Tadipatri, Ananthapur, Andhra Pradesh - 515411.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce Ilent	5. Exce Ilent	Good Session	5. Exce llent	No	Assistant Professo r ,Depart ment of Electrica l and Electroni cs Engineer ing	Tadipatri Engineering College
RAJINDER KUMAR GUPTA	NAWANSHAHR	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The way of managing everythin g	5. Exce llent	It was very informati ve	ASSIST ANT PROFES SOR	R. K. ARYA COLLEGE NAWANSHAHR
KUMAR PAL SINGH	Ajmer	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All	5. Exce llent	No	Assistant Professo r	Aryabhatta college of engineering and research center
TOUSHIF AYESHA ANSARI	New raipur Chhattisgarh	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Procedure s discussed and explained was the best one	5. Exce llent	Everythin g was really amazingl y explained thank you for such an informati ve	Training and Placeme nt coordina tor	ITM UNIVERSITY RAIPUR CHHATTISGARH







									session		
MONA NIMESH DEDHIA	NAWAYAT NAGAR BURHAN CHOWK NALLASOPARA WEST	Ye s	Ma ybe	5. Stron gly Justifi ed	4	5. Exce llent	Thought	4	No	ASST PROFES SOR	A. E. KALSEKAR COLLEGE OF COMMERCE AND MANAGEMENT NALLASOPARA
LALEET JAWALE	CTAE, MPUAT, Udaipur	Ye s	Yes	4	4	4	Biomass Energy Conversi on Processes	5. Exce llent	Not Required	PH.D Reserch Scholar	DREE, CTAE, MPUAT, Udaipur
DR. SURENDRA KUMAR SAINI	Sitapura jaipur rajasthan	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Biomass	5. Exce llent	Good	Assistant Professo r	PCE JAIPUR
Dr. Revanappa Chandrakant Ambare	Khopoli , Maharashtra, India	Ye s	No	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Super	5. Exce llent	Go for online Internatio nal conference	Assistant Professo r	KMC College Khopoli
SANGEETA DEBBARM AN	Chaibasa Engineering College, jhikpani, jharkhand	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Very informati ve	5. Exce llent	Hope for this kind of session in future	Assistant Professo r	CHAIBASA ENGINEERING COLLEGE, TECHNO INDIA GROUP
LALITA PANIKA	RAIPUR CHHATTISGAR H	Ye s	Yes	5. Stron gly Justifi ed	4	5. Exce llent	Bio mass is future research topic.	5. Exce llent	It was informati ve session	ASSIST ANT PROFES SOR	COLUMBIA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Rajarajeswari Rajeev Nair	Vile Parle (W) Mumbai 400 056	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	To the point, well explained through graphs, diagramet c	5. Exce llent	Solar energy	Head Clerk	SVKM's Dwarkadas J. Sanghvi College Of Engineering
Rupesh Jagannath Chaudhari	JALGAON	Ye s	Yes	4	4	5. Exce llent	Continuet y	4	No	student	KCE'S COEIT
Tarsing Naik	Government College of Education Ratnagiri	Ye s	Yes	5. Stron gly Justifi ed	4	5. Exce llent	No	5. Exce llent	Excellent	Asst.Pro fessor	Government College of Education Ratnagiri
Kranthi kumar Mathangi	Bogaram- Ghatkesar,Kondap ur, Hyderabad,	Ye s	Yes	5. Stron gly	5. Exce llent	5. Exce llent	Explanati on	5. Exce llent	Video Quality	Assistant Flofes	If y Mary Institute Of Technology And







	Telangana,501301			Justifi ed							
Dr. Richa Mehta	Gandhinagar	Ye s	Yes	4	5. Exce llent	5. Exce llent	Biomass to Biofuel concept	5. Exce llent	Thanks	Assistant Professo r	Bholabhai Patel College of Computer Studies
VINEET KUMAR	Ajmer, Rajasthan	Ye s	Yes	5. Stron gly Justifi ed	5. Exce Ilent	4	Topic was so good	4	No suggestio n	Assistant professo r in Departm ent of Mechani cal Engineer ing	Aryabhatta College of Engineering and Research Center
Rachit Jain	Opp. Sithouli Railway Station, NH-75 Sithouli, Jhansi Road, Gwalior - 475001	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	informati on provided	5. Exce llent	more session must be organised	Assistant Professo r	ITM Group of Institutions
Dr Nanagouda P Biradar	Santveer Nagar	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	I like Resource person	5. Exce llent	Excellent organizati on	Associat e professo r	S S Arts College Babaleshwar
Preeti Prangya Panda	Sambalpur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Every single thing. Knew much about biomass energy	5. Exce llent	No	Student	Sambalpur university
Teanmozhi Ekambaram	Block no.8, College road, Mogappair west, Chennai-600037	Ye s	Yes	4	4	4	Nice session	4	Useful one	Assistant Professo r	Mar Gregorios College of Arts and Science, Chennai
Noopur Shrivastava	Anand international college of engineering, near kanota, agra road, jaipur, 303012	Ye s	Yes	4	5. Exce llent	4	Content cover the suggested topic.	5. Exce llent	Organize this webinar monthly.	Assistant professo r	Anand international college of engineering
Dr Bandita Naik	ABIDS Hyderabad	Ye s	Yes	4	5. Exce llent	5. Exce llent	Techniqu es of Biogas productio n	5. Exce llent	no	Associat e Professo r	Methodist college of Engineering and Technology
N. VINOTHINI	Military road, Ammapet, Salem	Ye s	Yes	4	4	4	Informati ve session	4	Thanks for the opportuni ty	Assistant Professo r	AVS Engineering College







Dr. Swapna H R	#17, Behind Meenakshi Temple, Near Windsor four seasons appartment, Bannerghatta Road Bangalore-76	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Informati ve a d timely	5. Exce llent	Thank you	Associat e Professo r	The Oxford College
Dr. Neha Mistri	Sarva Vidyalaya Campus,	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Informati ve	5. Exce llent	No	Assistant Professo r	NICSM
M NITHYA KRUTHI	Kukatpally	Ye s	Ma ybe	4	5. Exce llent	4	Insightful informati on	5. Exce llent	Good	Student	GOVERNMENT DEGREE COLLEGE, KUKATPALLY
Rajiv vyas	Jodhpur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Practical demo	4	It was good session, can we have a session on solar photovolt aic also	Assistant Professo r	Jodhpur Institute of Engineering and Technology, Jodhpur (JIET)
MOHAMED AZRIN S	TRICHY	Ye s	Yes	4	4	4	Uninterru pted conversat ion and the subject knowledg e of the speaker	4	-	PG STUDE NT	JAMAL MOHAMED COLLEGE
Dr.Anand Mohan	Darbhanga	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Energy technolog y	5. Exce llent	No	Formerl y fellow DST.GO VT of India	LN Mithila University, Darbhanga
N.AJITH KUMAR	MELVISHARAM, RANIPET DT, TAMILNADU	Ye s	Yes	4	4	4	Some topics	4	All are good	B.A HISTOR Y	C.ABDUL HAKEEM COLLEGE,
Deepanshu Gupta	Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is all the session is important	5. Exce llent	Very interestin g and knowledg eable	Student	Lal bahadur shastri college of pharmacy
Milind Sanjay Patil	At-JALGAON	Ma ybe	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Body language with communi cation skills	5. Exce llent	No	Engineer	KCE college Jalgaon

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
131-6, FulCo Institutional Area
Stlapura, JAIPUR







Sameer Verma	New Raipur Chhattisgarh	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Contents and topics	5. Exce llent	No	Assistant professo r	Kalinga University
P.Sri Sneka	Erode	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It was an informati ve session.	5. Exce llent	It was a great platform.	Student	Nandha Engineering College
MANISH PRAKASH	RIICO Industrial area, Sitapura , Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Content of presentati on	5. Exce llent	Seminar was very informati ve. This type of webinar enhance the knowledg e.	Assistant Professo r	Poornima College of Engineering
Dr. Ravita Lamba	MNIT Jaipur, JLN Marg, Malaviya Nagar, Jaipur	Ye s	Yes	4	5. Exce llent	4	Presentati on	4	NA	Assistant Professo r	Malaviya National Institute of Technology Jaipur
Dr. J. MUTHUKU MARI	Chennai, Tamilnadu	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Entire session	5. Exce llent	Excellent session	Guest Lecturer	Lady Willingdon Institute of Advanced study in Education
SANDESH SHRIKANT KURADE	Karve road, Pune	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Explanati on of the speaker.	5. Exce llent	Session is good.	ASSIST ANT PROFES SOR	MES ABASAHEB GARWARE COLLEGE
Ms.Rucha Hemant Belsare	D.I.C., N.H.6, next to IMR College, Ganesh Colony, Jalgaon	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Allover session is nicely conducte d	5. Exce llent	No	PG student	KCE'S COEIT, Jalgaon
Aanchal Parnami	Tilak Nagar	Ye s	Yes	4	4	5. Exce llent	Presentati on	4	No	Student	LBS College of Pharmacy
Dr.Ravipraka sh Dagdusaheb Thombre	Ahmednagar	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good	5. Exce llent	Good	Asst.Pro	Radhabai Kale Mahila Mahavidyalaya
T.Nandini	Thindal,Erode	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Very useful session	5. Exce llent	No	Student	Vellalar College for Women (Autonomous)
Shuchi Shukla	ISI-2,RIICO INSTITUTIONAL AREA ,	Ye s	Yes	5. Stron gly	5. Exce llent	5. Exce llent	Bio gas	5. Exce llent	Nothing	Assistant Finfesis	Pornima Institute of Engineering &







	SITAPURA			Justifi ed							
M. Revathi	Thoothukudi	Ye s	Yes	4	5. Exce llent	5. Exce llent	Way of teaching	5. Exce llent	Very nice teaching	Assistant professo r	Kamaraj college
KURUVA RAJU	TIRUPATI	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good	5. Exce llent	Please provide the material	ASSIST ANT PROFES SOR	S V COLLEGE OF ENGINEERING
Sunita Matiwade	Pal,Gargoti.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	No any	5. Exce llent	No Any	Lecturer	VIDYAVARDHINI INSTITUTE OF TECHNOLOGY,PA L
Tarun Varshney	Sitapura, Jaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Knowled ge	5. Exce llent	No	Professo r	PCE, Jaipur
Nagarathna S B	Department of Processing and Food Engineering, CTAE, MPUAT, Udaipur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	They given examples	5. Exce llent	No comment s	Research Scholar	College of Technology and Engineering
PUSHPEND RA KUMAR	Sitapura, Jaipur	Ye s	Yes	4	5. Exce llent	4	Content and way of presentati on	4	No	Assistant Professo r	Poornima College of Engineering
NIRAJ R. SHINGALA	Kalawad Road, Rajkot	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Concept of Biomass	5. Exce llent	No	Assistant Professo r	Assistant Professor
T.Nandini	Thindal, Erode	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	It is very informati ve session	5. Exce llent	No	Student	Vellalar College for Women (Autonomous)
MeenaTekriw al	ISI-6RICCO Institutional Area, Sitapura, jaipur- 302022(Rajasthan)	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Ingormati ve and relevant	5. Exce llent	More such session should be there in future	Assistant Professo r	Poornima College of Engineering
GURIA CHOUDHA RY	Chennai	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Outstandi ng	5. Exce llent	Excellent	Assistant professo r	GURU NANAK COLLEGE.(Autono mous).CHENNAI







M. Revathi	Thoothukudi	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Way of teaching	5. Exce llent	Very useful for us	Assistant professo r	Kamaraj college
GOKILA VANI.R	Ealur pirivu, kinathukadavu, coimbatore	Ye s	Yes	3	3	3	Nice session	3	No	Student	V.S.B College of engineering technical campus
PATEL DHARMEN DRAKUMA R RAMESHBH AI	KHEDBRAHMA, SABARKANTHA	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	-	5. Exce llent	-	Asst.pro f.	ARRDEKTA INSTITUTE OF TECHNOLOGY
Mr. I. RAHUL, Assistant Professor	Hyderabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Informati ve session	5. Exce llent	Good	Assistant Professo r	Holy Mary Institute of Technology & Science
GANDRAPU S SRINIVAS MURTHY	Vijayawada	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on	5. Exce llent	Very Usefull	Assistant Professo r	PSCMR College of Engineering and Technology
Amit Kumar Jain	Jaipur	Ye s	Yes	4	5. Exce llent	5. Exce llent	Na	5. Exce llent	Na	Assistant Professo r	Poornima College of Engineering
SARANYA N R	CHINNAKALLU PALI VILLAGE	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Nil	5. Exce llent	Nil	ASSIST ANT PROFES SOR	MARUDHAR KESARI JAIN COLLEGE FOR WOMEN
Dr. R. Jothilakshmi	AVADI, CHENNAI	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Well organized	5. Exce llent	Nil	Professo r	Vel Tech Rangarajan Dr Sagunthala R & D Institute of Science and Technology
RAJINDER KUMAR GUPTA	NAWANSHAHR	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The way of managing everythin g	5. Exce llent	It was very informati ve	ASSIST ANT PROFES SOR	R. K. ARYA COLLEGE NAWANSHAHR
V Shilpa	Hyderabad	Ye s	Ma ybe	4	4	4	Good	4	No	Associat e professo r	Aurora's Technological and Research Institute
GRACELIN D V	STC, Perumalpuram, Tirunelveli - 627007	Ye s	Yes	4	4	5. Exce llent	All are excellent	5. Exce llent	Nothing	Assistant Professo r (SF)	Sarah Tucker College (Autonomous), Tirunelveli
Varsha Galgali	Wadia college campus	Ye s	Yes	5. Stron gly	5. Exce llent	5. Exce llent	Way of narration	4	no	Assistant Pofesso	MES COPPUNE







				Justifi ed							
Ruchi Varshney	Ram Ganga Vihar, Moradabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good	5. Exce llent	No	A.P	MIT Moradabad
Mr.Samir Dhirajlal Mehta	Vileparle west	Ye s	Yes	5. Stron gly Justifi ed	4	4		5. Exce llent	No	Laborato ry Assistant	SVKMS Mithibai college
Dr.RAGESH SAMINADA NE Medical student	Yerevan .Armenia	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	very nice	5. Exce llent	Ntg good	MBBS, General Medicin e	YEREVAN HAYBUSAK UNIVERSITY
Raju Vishnu Bhokate	Hadapsar, pune	Ye s	Yes	4	4	4	-	5. Exce llent	No	Assistant Professo r	S.M.Joshi college Hadapsar, pune
Anyam Venkata Srinivas	Hyderabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on	4	Session was very good	Assistant Professo r	Vardhaman College of Engineering
Mrs. Shashi Bala	SCD Govt College For Boys Ludhiana Punjab India- 141001.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The way of presentati on and interactio n.	5. Exce llent	Very informati ve Insightful and Erudite Session.	Assistant Professo r	SCD Govt College For Boys Ludhiana Punjab India
KISAN BHANUDAS WAGHMOD E	Waghmode vasti, 61 Phata, Malshiras, Tal. Malshiras	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	No	5. Exce llent	No	HOD	SGAC Malshiras
KURUVA RAJU	TIRUPATI	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good	5. Exce llent	Please provide the material	ASSIST ANT PROFES SOR	S V COLLEGE OF ENGINEERING
Darade Gajanan Sanjabrao	Late Shankarrao Gutte Gramin Arts,Commerce &science college Dharmapuri tq.parli dist. Beed	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	No	5. Exce llent	No	Libraria n	Late Shankarrao Gutte Gramin Arts,Commerce &science college Dharmapuri tq.parli dist. Beed
Puri Shital Narsing	Nanded	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	2nd	5. Exce llent	No Dr	Student	Srt university







Suresh Sudam Dunde	At Mhasla Ta Mhasla Dist Raigad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Nice session	5. Exce llent	Nice Arrangem ent	Assistant professo r	Vasantrao Naik college Mhasla
SIVA ABINAYA S V	KAYALPATNAM	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Througho ut the session	5. Exce llent	Highly informati ve and effective session	ASSIST ANT PROFES SOR	WAVOO WAJEEHA WOMEN'S COLLEGE OF ARTS AND SCIENCE
Naveen Kumar Bansal	Brcm enegerning and Technology college ,VPO Bahal	Ye s	Yes	5. Stron gly Justifi ed	4	4	Na	5. Exce llent	Na	Electrica l Engineer	BRCM College of Engineering and Technology
UMESH BHALCHAN DRA INAMDAR	Pali Sudhagad Raigad Maharashtra	Ye s	Yes	4	5. Exce llent	5. Exce llent	Uses of biomass energy.	5. Exce llent	Arrange more such webinars	Associat e professo r	Sheth J N Paliwala college
Abhishek Agwekar	Gandhinagar Karond Bypass Road Bhopal	Ye s	Yes	4	4	4	Everythin g	5. Exce llent	No	Asst Professo r	Truba Institute of Engineering and Information Technology
Kamalakar digambarrao jadhav	Datta nagar , kalamb Dist - Osmanabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good	5. Exce llent	Good	Assistant professo r	Shikshan Maharshi Dnyandeo Mohekar mahavidyalaya
Dr. Amit Kashyap	Army Law College Near Sai Baba Sewadham Ashram Kanhe Pune Maharashtra India 412106.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The way of expressin g his idea into knowledg e to us.	5. Exce llent	Very informati ve.	Assistant Professo r	Army Law College Pune Maharashtra India
Kajal Jagan Lade	Near Daruwala Pul Chowk, Somwar Peth, Pune	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	4	Presentati on and prior knowledg e and topics of the content	5. Exce llent	Would like to attend more session	Teacher	K.C. Thackeray Vidya Niketan English Medium School
Sonal Chandrakant Chavan	203, T-3, Pratiksha Nagar, Sion, Mumbai-22	Ye s	Yes	4	5. Exce llent	5. Exce llent	Gasifier	4	Plz arrange more such informati ve session	Assistant Faculty	Khar Education Society's Degree College
Dr. Shilpi Shrivastava	Kotni Village near MantralayaNaya Naya Raipur	Ye s	Yes	5. Stron gly Justifi	5. Exce llent	5. Exce llent	Such a wonderfu l and informati	5. Exce llent	In future such types of Webin	Professo	Kalinga University Naya Raipur Chrattisgarh







				ed			ve.		organize.		
Dr. Fahimuddin Shaik	Rajampet	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good	5. Exce llent	Carry on	Associat e Professo r	AITS, Rajampet
Dr. Amitaraj Gargey	Daleep Walase Patil Arts Science and Commerce Degree College Pune Maharashtra India-411001.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on and the way of explanati on.	5. Exce llent	Very inspiring and motivatin g.	Principal	Daleep Walase Patil Arts Science and Commerce Degree College Pune Maharashtra India
Dr. Rautmale Anand S	Central Sanskrit University Guruvayoor Campus, Thrissur- Dist ,Kerala	Ma ybe	Yes	3	2	3	Very informati ve lecture	3	No	Libraria n	Central Sanskrit University ,Guruvayoor Campus
Dr Jitendra W. Jambhule	Sadak Arjuni	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Explanati on of biomass energy	5. Exce llent	No	Assistant professo r	S.Chandra Women's College Gondia
Mrs.GEETH A C	Pallavaram	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Explainin g	5. Exce llent	Very informati ve session	Ph.d Research Scholar	VELS INSTITUTE OF SCIENCE TECHNOLOGY AND ADVANCED STUDIES (VISTAS)
Sonu Kumar Singhal	Jaipur	Ma ybe	Yes	4	5. Exce llent	4	Presentati on	4	No	Assistant Professo r	RCERT JAIPUR
SNEHAL GANGADH AR WAGHMAR E	Almala, dist. Latur	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All over the informati on	5. Exce llent	No	Professo r	Vishweshwaryya abhiyantriki Padvika mahavidyalay, Almala
Mithlesh Gautam	Airport bypass road,Karod Gandhi nagar bhopal	Ye s	Yes	4	4	4	Every thing.	4	No	Assistant professo r	TRUBA college of science and technology bhopal
DHANALA KSHMI R	Chennai	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Interactiv e	5. Exce llent	Informati ve	M.Tech IT	Bharath Institute of Higher Education and Research
Abirama Sundari .S	Kamaraj College of Engineering and Technology.vellan kulam Madurai	Ye s	Yes	5. Stron gly Justifi ed	4	5. Exce llent	Explain from basic	5. Exce llent	Nil	Student	Kamaraj College of Engineering and Technology







Dr Renu Bala	Panipat, Haryana	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All presentati	5. Exce llent	Informati ve session	Libraria n	PIET
V. SIVAKUMA R	Bangalore	Ye s	Yes	4	4	4	Good	4	No	Assistant Professo r	Dayananda Sagar Academy of Technology And management
Sriilalit Narayana Chintalapati	King kothi road, Abids, Hyderabad	Ye s	Yes	4	5. Exce llent	5. Exce llent	Presentati on	5. Exce llent	Keep me posted of future events	Associat e Professo r	Methodist College of Engineering and Technology
A.Ramalaksh mi	S.P.G.Chidambara Nadar, C.Nagammal Campus, Vellakulam, Tamil Nadu 625701	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Nice speakings	5. Exce llent	Nice	Student	Kamaraj college of engineering and technology
MUTHUVEL M	Nerkudram, Chennai	Ye s	Yes	4	4	4	Presentati on	4	Very informati ve.	Instructo r	Thai Moogambigai Polytechnic College
MUTHUVEL M	Nerkudram, Chennai	Ye s	Yes	4	4	4	Presentati on	4	Very informati ve.	Instructo r	Thai Moogambigai Polytechnic College
Ashwani Kumar	Department of CSE, Kacharam Shamshabad, Hyderabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All session were very interestin g	5. Exce llent	Excellent	Associat e Professo r	Vardhaman College of Engineering
S.Tephillah Vasantham	Madurai	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	All	5. Exce llent	No	Lecturer	The American college
Atul Madhukar Gajare	SSGBCOET ZTC Bhusawal	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Good presentati on,get the good informati on of biogas system	5. Exce llent	No	Assistant Professo r	SSGBCOET Bhusawal
Vinothini.M	Anna Nagar Chennai	Ye s	Yes	4	4	5. Exce llent	I like everythin g in this session	5. Exce llent	Good	Student	Anna Adarsh College for women
R. Malarvizhi	Kunathukadavu, Coimbatore	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Global energy overview	4	Informati ve session	Student	Vsb college of engineering technical campus







V.saketha	Hyderabad	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Informati ve	5. Exce llent	Good	Asst professo r	METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY
P.PAUL ROSELIN	Viruthunagar main road	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Yes speech	5. Exce llent	Ideas more	Student	V.V.VANNIAPER UMAL COLLEGE FOR WOMEN
MUTHUVEL M	Nerkudram, Chennai	Ye s	Yes	4	4	4	Presentati on	4	Very informati ve	Instructo r	Thai Moogambigai Polytechnic College
Preeti Prasada	Keesara	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Speaker	5. Exce llent	Great session	Assistant professo r	GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
SUMIT RAMDAS CHIMKAR	AKURDI PUNE	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	So good i love it	5. Exce llent	No	MECHA NICAL ENGIN EERING	DY PATIL COLLEGE OF ENGINEERING
MS. SANGEETA AMBROSE MACWAN	St. Dominic Road, Bandra West.	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	The content and how the speaker addressed the topic was the best.	5. Exce llent	All the best for more Webinars for future endeavou rs.	Senior Clerk	St. Andrew's College of Arts, Science and Commerce, Bandra West.
M.SANTHIY A SELVAM	THOOTHUKUDI	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent		5. Exce llent	Good	RESEA RCH SCHOL AR	V.O.CHIDAMBAR AM COLLEGE
Mr.JEHAN.N	KANCHIPURAM	Ye s	Yes	4	4	4	All	4	Conduct more FDPs on Switched Reluctanc e Motor Control, Electric Vehicle Technolo gy in future	ASSIST ANT PROFES SOR	ADHI COLLEGE OF ENGINEERING AND TECHNOLOGY
Jayshri Ravindra Girase	Dhule road dondaicha	Ye s	Yes	5. Stron gly Justifi ed	5. Exce llent	5. Exce llent	Presentati on	5. Exce llent	Wait for next webinar	Lecturer	Ahinsa polytechnic

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#### POORNIMA COLLEGE OF ENGINEERING

## Poornima Innovation and Incubation Cell STUDENTS DEVELOPERS PROGRAMME (SDP)

### Chapter-4 Workshop on "Arduino focusing on Innovation Start-up"

by Hritik Kumar

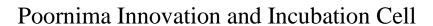
**Date:** Jan 3, 2021 **Time:** 2:00 PM – 4.00 PM

Venue: Online Mode

Students Development Programme was for all young minds and entrepreneurs of first year, PIIC believe in the ideology of holistic development of students and also students can achieve greater heights in their life if they have a choice of choosing their working fields as per their desire. Keeping this in mind, PIIC conducted workshop on Jan 3, 2021.

This session on that day was conducted on the technical topic 'Arduino focusing on Innovation Start-up' which was hosted by HRITIK KUMAR (3rd year) and SAURABH PANSARI. In that session students became familiar with working with Arduino, about microcontrollers, various types of sensors and overview of the Proteus simulation suite. In this workshop they talk of how we can use Arduino as point of new innovation. For beginner in the field of innovation of electronics Arduino is best point to start because with the help of Arduino we can create new things in chipper cost.

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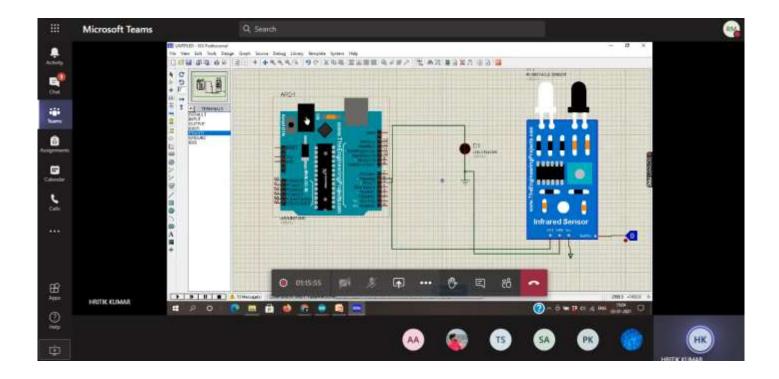






#### **Session Schedule**

S. No	Activity	Duration	Time
1	Welcome of Speaker and Introduction of Session by SAURABH PANSRI Captain of PIIC	05 Min	02:00PM -02:05PM
2	Session on Arduino focusing on Innovation Start-up by Hritik Kumar	90 Min	02:05PM -03:35PM
3	Question Answer	20 Min	03:35PM -03:55PM
4	Vote of Thanks by Saurabh Pansari	05 Min	03:55PM – 04:00PM

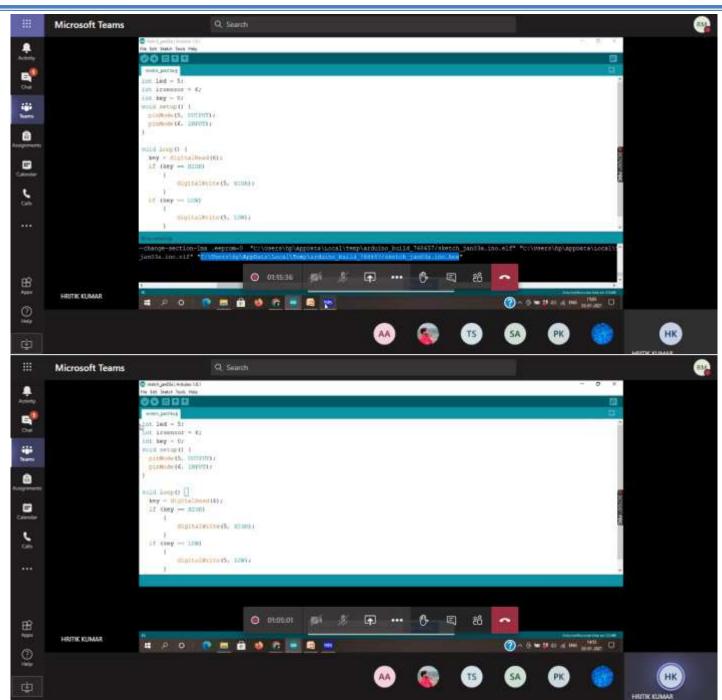


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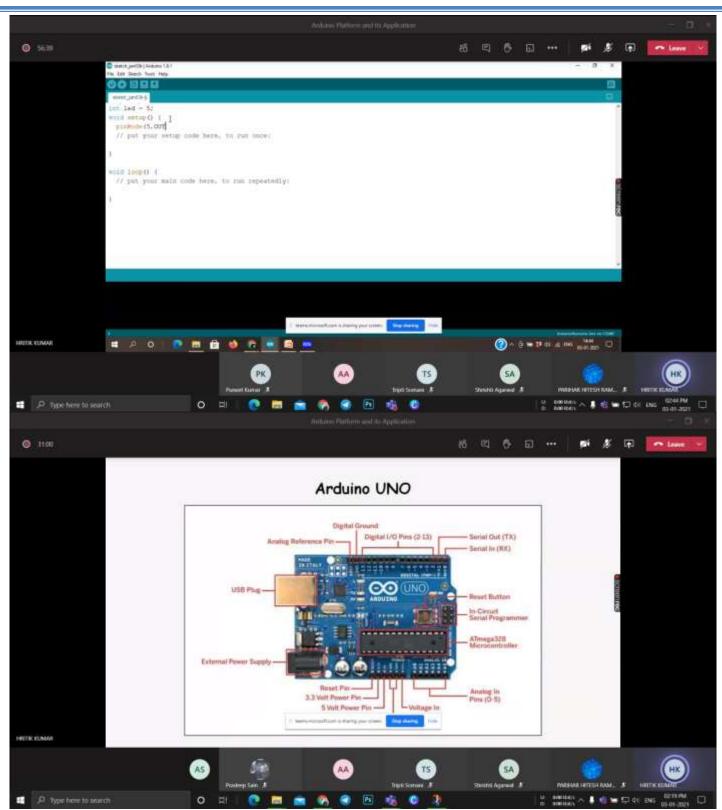








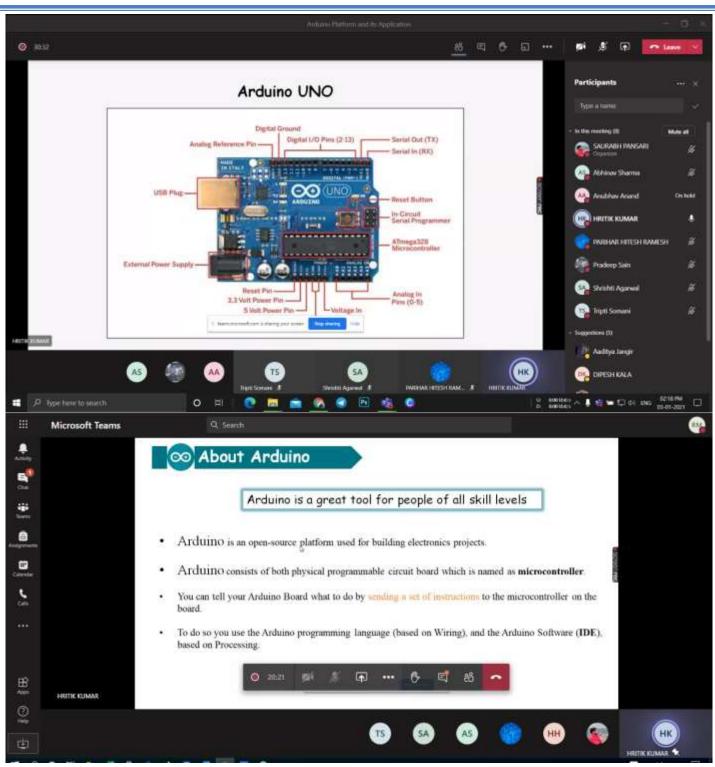








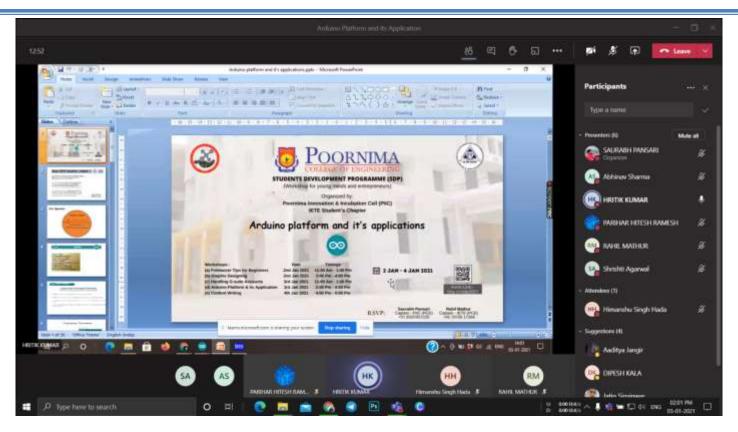












Name of Student	Reg. No.	Name of Department
Aaditya jangir	PCE20CE001	Civil
Harsh Jain	PCE20CS069	Computer Scince
Harshit khandelwal	Pce20cs075	Computer Scince
Arun Sharma	PCE20IT003	Information Technology
Himanshu Sharma	14	Civil
Vansh Gupta	PCE20IT053	Information Technology
ANUBHAV ANAND	PCE20CS025	Computer Scince
Prashant Thapliyal	PCE20CS148	Computer Scince
Shrishti agarwal	PCE20CS179	Computer Scince
Pradeep Sain	PCE20cs144	Computer Scince
Manav sainu	PCE20IT016	Information Technology
Nikhil Sharma	PCE20CS131	Computer Scince
NISHANT MEENA	PCE20CE027	Civil Dr. Mahesh Bu

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Rahul Purohit	PCE20IT036	Information Technology
Kumar Gaurav	PCE20IT014	Information Technology
Sanjivani Sharma	PCE20CS165	Computer Scince
Hitesh Kumar	PCE20CS079	Computer Scince
Tushar vaishnav	PCECS190	Computer Scince
Hitesh Ramesh Parihar	PCE20EC011	Electronic Communication Engineering
Devesh Goyal	PCE20IT052	Information Technology
Sandeep Saini	Pce20cs164	Computer Scince
Akshara Pareek	2020PGICA024	Computer Scince
Shubham Sharma	PCE20IT045	Information Technology
satyam shandilya	pce20cs168	Computer Scince
Nishant Malhan	135	Computer Scince
Siddharth Kothari	PCE20CS181	Computer Scince
Puneet Kumar	PCE20IT035	Information Technology
Aryan nama	PCE20CS031	Computer Scince
Tilak Atri	PCE20IT057	Information Technology
Rishabh Deora	PCE20CS154	Computer Scince
Vivek Kumar	PCE20CS196	Computer Scince
Vivek Kumar	PCE20IT049	Information Technology
Yash Vardhan Singh Panwar	PCE20CS201	Computer Scince
NITU PANDEL	PCE20CS137	Computer Scince
Anupam Anand / Abhinav Anand	PCE20CS026	Computer Scince
Tushar mathur	PCE20IT055	Information Technology
Amit Mishra	PCE20CS017	Computer Scince
Shiwang Gupta	PCE20CS178	Computer Scince
Shubham prajapati	PCE20CS180	Computer Scince
Gagan sharma	PCE20CS061	Computer Scince
siddharth talesara	PCE20CS207	Computer Scince
Nitika Prithwani	PCE20IT027	Information Technology
Mudit Agrawal	PCE20CS123	Computer Scince
Himanshu Singh Hada	PCE20IT010	Information Technology
Aman goyal	PCE20CS014	Computer Scince
Praveen sharma	PIET20CS140	Computer Scince
Jatin sinsinwar	PCE20CS083	Computer Scince
Amit kumar	PIET20CS025	Computer Scince
Utkarsh kaushik	PCE20CS191	Computer Scince
Shashank Singh	PCE20CS172	Computer Scince
Avinash dubey	PCE20CS035	Computer Scince

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Harsh Agrawal	PCE20CS068	Computer Scince
Natasha goklani	PCE20CS129	Computer Scince
Pradeep kumawat	Pce20cs143	Computer Scince
Naman Choudhary	PCE20CS127	Computer Scince
Vishal Agrawal	PCE20CS194	Computer Scince
Yakshita Sharma	PCE20CS198	Computer Scince
Abhinav sharma	Pce20ce002	Civil
Tripti Somani	PCE20CS188	Computer Scince
Lalit Kumar	PCE20CS096	Computer Scince
Kratika jangid	PCE20CS111	Computer Scince
Prachi Khandelwal	PCE20CS119	Computer Scince
Tushar Prajapati	PCE20IT047	Information Technology
Om shukla	Pce20cs138	Computer Scince
Silky Sharma	PCE20CS183	Computer Scince
Bhawanshu Joshi	PCE20IT006	Information Technology
Janvi Jaiswani	PCE20IT022	Information Technology

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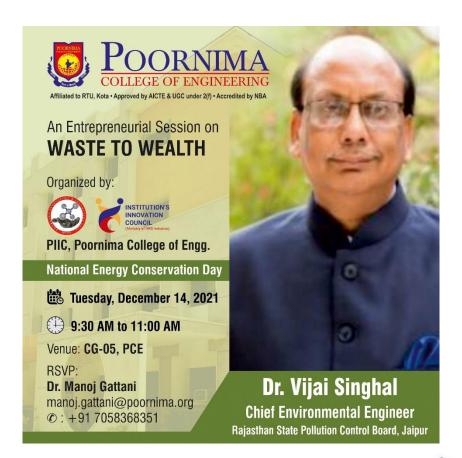
#### POORNIMA COLLEGE OF ENGINEERING

#### Poornima Innovation and Incubation Cell An Entrepreneurial Motivation Session on Waste to Wealth by Dr. Vijai Singhal, CEE, RSPCB

**Date:** December 14, 2021 **Time:** 9:30 AM to 11 AM

Venue: Seminar Hall, CG-05,PCE

On December 14, 2021 Poornima Innovation and Incubation Cell (PIIC) under the flagship of IIC conducted anentrepreneurial motivational session on Waste to Wealthfor students of Poornima College of engineering to motivate young students for entrepreneurial spirit. Dr. Vijai Singhal, CEE, Rajasthan State Pollution Control Boardwas the key speaker of the program. At the start of the session, the President of the PIIC & Vice Principal, PCE, Professor Pankaj Dhemla welcomes the speaker with a bouquet and memento.



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Dr Singhal did his B.E. (Hons) form BITS, Pilani in Civil Engineering; M.E. (Environmental Engineering) from Sardar Patel University, Vallabh Vidya Nagar (Gujarat) and Ph.D from Malviya National Institute of Technology (MNIT), Jaipur.

Dr Singhal has been working in Rajasthan State Pollution Control Board since 1984 in various capacities. More than 36 years of experience in industrial pollution control, solid waste management, groundwater modeling and environmental management sectors. Has extensive work experience on softwares like GIS, MODFLOW etc.

Presently, technical head of Rajasthan State Pollution Control Board and is engaged in implementation of various Acts and Rules related to Air & Water and various rules framed under Environmental Protection Act, 1986. Earlier, headed the solid waste management division of the State Board. Extensive work experience in governance of various regulations related to air and water pollution, biomedical waste, hazardous waste, municipal waste, plastic waste, and waste e-waste. Undersigned has been a catalyst in promotion of utilization of hazardous waste for co-processing in cement industries the state in preparation climate and of Change Action Plan for the state of Rajasthan.

During his talk, Dr Singhal talked about various ways how waste can be recycled and how is this effective as a startup. He also explained about the rise of industrial revolution and how waste is used to convert into cement and how much importance this industry holds.

Dr Singhal mentioned that when you dream big and have a dedication to achieve this dream goals, barriers like language, or small town become secondary. During the program many students asked various questions and query and all were addressed well by the expert.

The session was very nice and informative and we are all looking forward for the positive outcomes of the learning and evolutionary new era of education for the younger generation.

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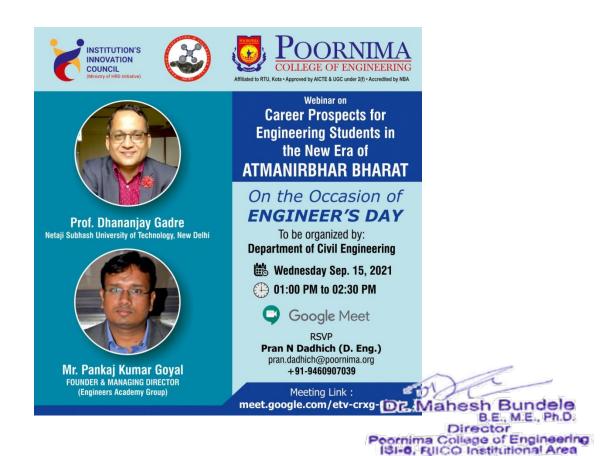
#### POORNIMA COLLEGE OF ENGINEERING

# Poornima Innovation and Incubation Cell Celebration on Engineer's Day Webinar on Career Prospects for Engineering Students in New Era of Atmanirbhar Bharat

**Date:** September15th, 2021 **Time:** 1:00 PM to 2:20 PM **Venue:** Online Mode

Stapura, JAIPUR

On the occasion of the **Engineer's Day**, September15, Poornima Innovation and Incubation Cell (PIIC) under the flagship of IIC and the department of Civil Engineering conducted an online session for students of Poornima College of engineering to enlighten their academic goals along with nurturing their entrepreneurial dreams. The title of the session was **Career Prospects for Engineering Students in New Era of Atmanirbhar Bharat**. The keynote speaker for the program was Professor Dhananjay Garde, Netaji Subhash University of Technology, New Delhi and Mr Pankaj Kumar Goyal, Founder & Managing Director, Engineers Academy Group







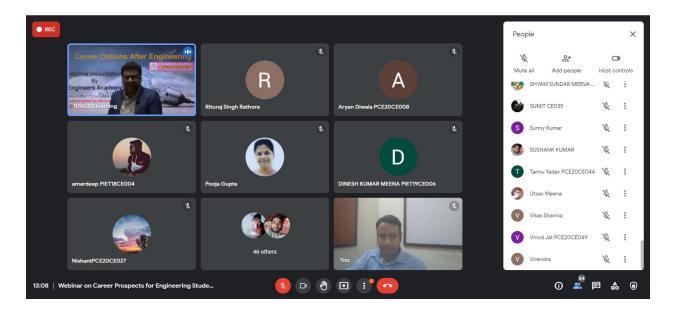


Mr. Pankaj Goyal is the Director of Engineers Academy. He is the founder of Engineers Academy. He dynamically participated in all the administrative activities of the institute. His experience in counselling has helped students in choosing right direction to achieve their dream career in the competitive world. He is great motivator for students due to his guidance thousands of students choose their career in right direction.

Mr. Pankaj Goyal has done his B.Tech in Electronics and Communication Engineering. He holds the Master Degree (M.Tech) in Digital communication. He has given rewards for his excellent academic performance during post graduation. He qualified many engineering based state competitive exams.

We at Poornima College of Engineering, Jaipur being part of PIIC jointed the live session started from 1:00 PM on MS TEAM with the students of our college. The webinar was enriching with a lot of perspective on importance of Engineers Day Celebration and the vision of India's new education system and Atmanirbhar Bharat. Professor Garde had motivated students and shared many real life examples that initiated for their entrepreneurial journey during academic life and achieved remarkable milestones in their lives. He also covered topics like how to think beyond academic curriculum and out of the box and suggested student to explore local problems and come out with some solutions which might be helpful to society and the nation.

The session was very nice and informative and we are all looking forward for the positive outcomes of the learning and evolutionary new era of education for the younger generation.

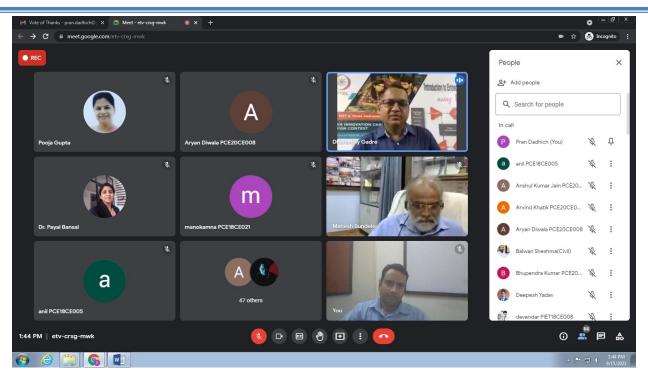


















## POORNIMA COLLEGE OF ENGINEERING Poornima Innovation and Incubation Cell Pitching Workshop & Hands-On Practical Session

**Date:** December 30, 2021 **Time:** 1:10 PM to4:00 PM **Venue:** CG-05, PCE, Jaipur

To promote the entrepreneurship among young students under the flagship of IIC, Poornima Incubation and Innovation Cell (PIIC) organized a three-hour Pitching Workshop & Hands-On Practical Session on December 30,2021 from 1:10 PM to 4:00 PM for students of Poornima College of Engineering



The Expert for the program was Mr. Shirish Nagar, Assistant Professor and Innovation Ambassador PIIC, PCE and Mr. Mayank Sharma, Assistant Professor, Innovation Ambassador, and Dy. Head (Outreach), PCE.

Mr. Shirish Nagar received B.E. degree in Computer Engineering from University of Pajasthan, Jaipur, in Dr. Mahesh Bundele







2004.He is an M. Tech in Computer Science from Rajasthan Technical University, Kota in 2014 and academician with over 11 years of teaching and 5 years of Industrial experience. Currently, he is working as an Assistant Professor in the Department of Information Technology at Poornima College of Engineering, Jaipur. He has worked with Multinational IT Companies on different software projects and domains as a Software Engineer in India as well as at onsite locations in USA and Germany. He has 4 years of experience in R&D in area of Software Defined Networking. His research interest include Machine Learning and Network Security.

Mayank Sharma received B.E. degree in Electronics and Communication Engineering from University of Rajasthan, Jaipur, in 2008 and M. Tech. Degree in Digital Communication from Rajasthan Technical University, Kota in 2014. He has a teaching experience of more than 13 years. Currently, he is working as an Assistant Professor in the Department of Electrical Engineering at Poornima College of Engineering, Jaipur. He has published 10 research papers in various National and International Journals and Conferences of repute. His research interests include Antenna and Wave Propagation, Micro strip Patch Antenna, Ultra-Wide Band Antennas, Intelligent Systems, Artificial Intelligence, etc.

The experts covered topics like design thinking process with its stages like Empathize, Define, Ideate, Prototype and Test. They also gave different case study based examples with solution oriented approach and and suggested student to explore local problems and come out with some solutions which might be helpful to society and the nation. The experts also discussed Features of solutions like Feasibility, Viability and Desirability. They gave an introduction to Problem finding methods. At the end students were given problems to design a Wallet and a Shopping Cart. Students participated in this hands-on session enthusiastically and proposed different innovative solutions to the problem. Best ideas were rewarded at the end of the session. The session was very nice and informative and we are all looking forward for the positive outcomes of the learning and evolutionary new era of education for the younger generation.

**Photographs:** 

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#### POORNIMA COLLEGE OF ENGINEERING

**Poornima Innovation and Incubation Cell** 

#### Mentoring Session with "Successful Startup founders"

by Mr. Snehanshu Gandhi & Mrs. Mekhla Mukherjee

**Date:** June 25, 2020 **Time:** 4:00 PM – 6:00 PM **Venue:** Online Mode



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- Sir has shared his journey of Kaagaz Scanner, scaling it to 5 million downloads in just one year.
- The session solely focused on building up the minds for being an entrepreneur, and clarifies all the doubts that came in between.
- Ended with an interactive QnA session.
- Ma'am has shared her thoughts on Community Management and why it is important in the current scenario.
- The session was an interactive session talking about managing with different people within a community.
- Students have cleared their doubts at the end of the session.

#### Profile of the speaker



Mr. Snehanshu Gandhi, Founder at Kaagaz Scanner

Mr. Snehanshu Gandhi is an IIT Bombay graduate and has done his MBA from ISB Hyderabad. He started off entrepreneurship with Tapp Me, an app-based services startup. His brainchild, Sorted AI, is an all-in-one productivity app aimed at simplifying lives, which has multiple recognitions to its name. With his latest entity Kaagaz Scanner, a Made in India document scanner app, Mr. Gandhi once again seized the opportunity to solve a pain point through his startup which became an overnight success after the ban on chinese apps, as it also received a special mention by the Government of India, with him playing his own part in the Aatmanirbhar Bharat Abhiyaan!

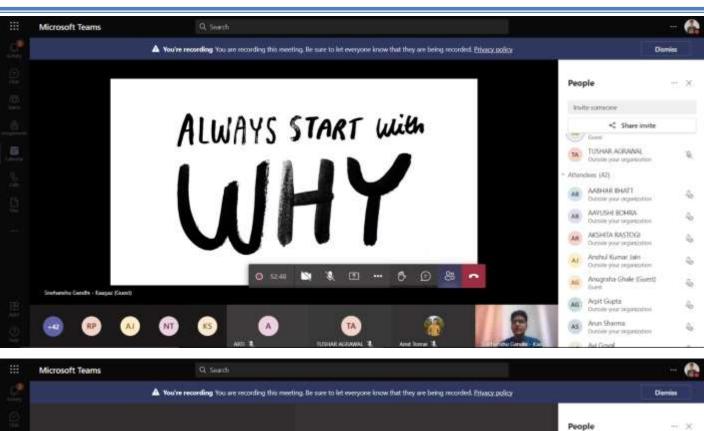
Photographs of workshop: -

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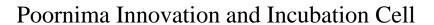






Dr. Mahesh Bundele B.E., M.E., Ph.D. Director

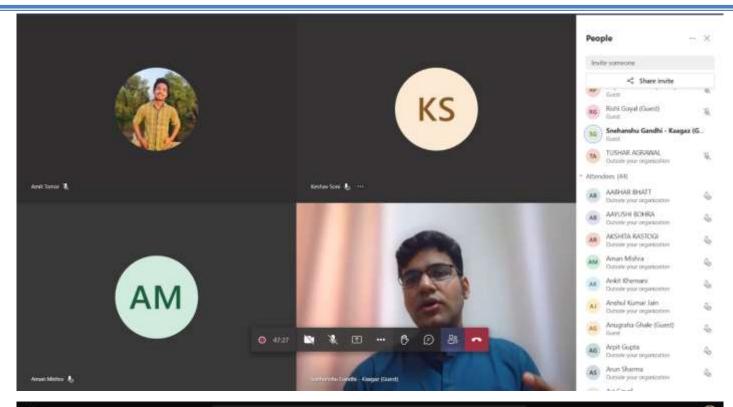
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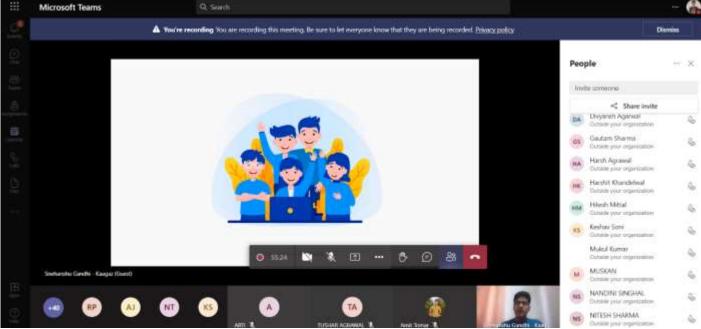




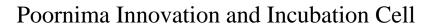








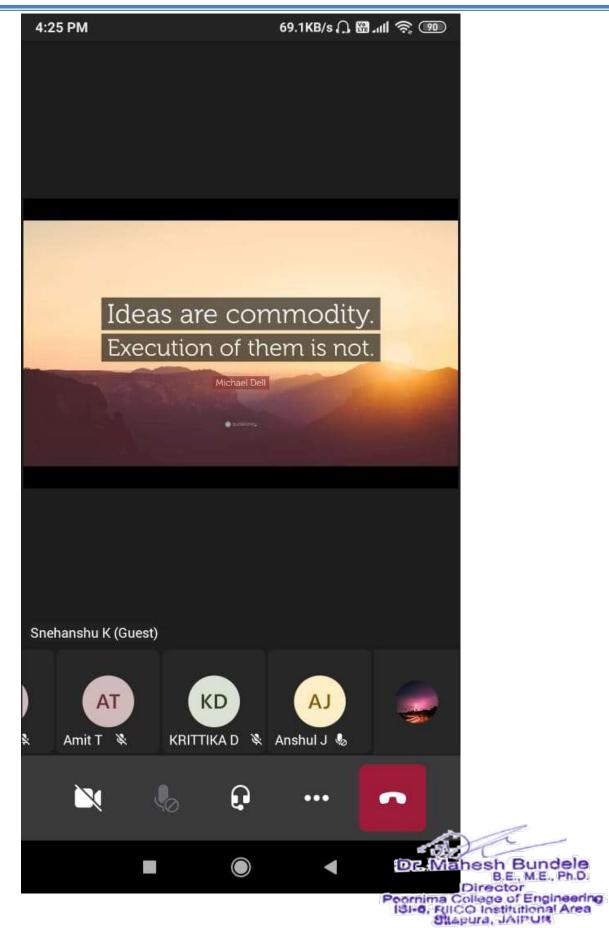
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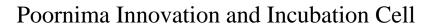








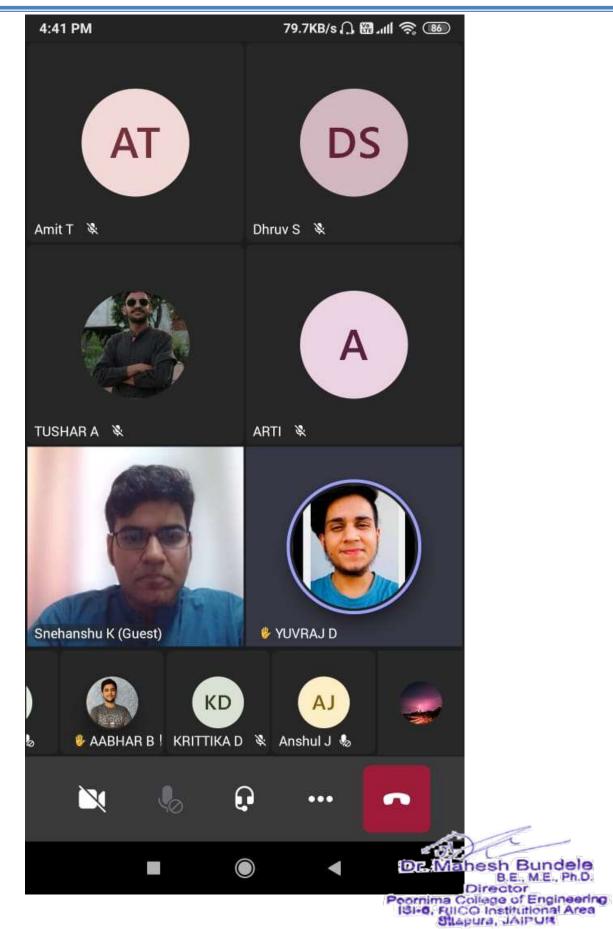










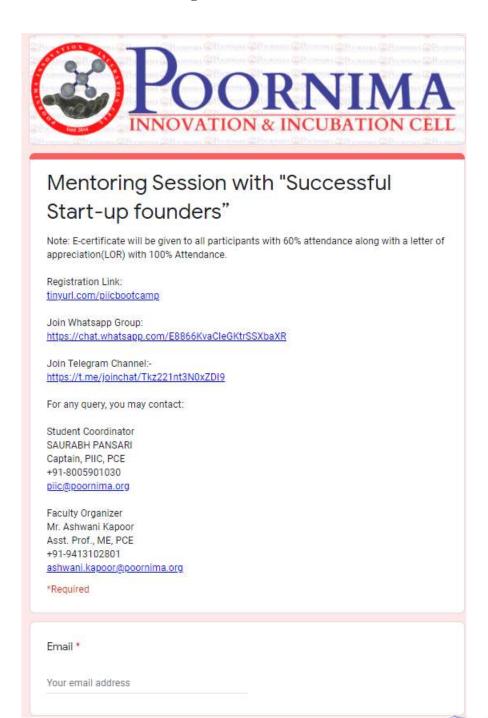






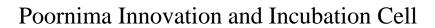


#### **Registration Form: -**



Dr. Mahesh Bundele B.E., M.E., Ph.D. Director Cornima College of Engineering

Poornima College of Engineering 131-6, RIICO Institutional Area Stlapura, JAIPUR

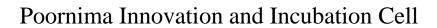








Salutation *
O Dr.
○ Mr.
◯ Ms.
○ Mrs.
Name *
Your answer
Occupation *
○ Academic
Student
College ID (If student)
Your answer
Name of organization/legitivite/Callege/leductry *
Name of organization/Institute/College/Industry *
Your answer
Name of Department *
Your answer





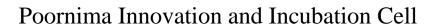




Whatsapp No. *
Your answer
Join Whatsapp Group * https://chat.whatsapp.com/E8866KvaCleGKtrSSXbaXR  Done
Join Telegram Channel:- https://t.me/joinchat/Tkz221nt3N0xZDI9  Done
Any Query  Your answer

#### Responses: -

Name	Name of organization/Institute/College/Industry	Name of Department
Amit Shrivastava		
Amit Yadav	Ips institute Indore	Computer science engineering
Anil Gupta	Poornima college of engineering	Mechanical engineering
Anjali shrivastava	Institute of Engineering and Science, IPS Academy, Indore	Computer Science and Engineering
Ankit Bhatnagar	Poornima college of engineering	B.Tech
Ankit Khandelwal	PCE	cs
Ankit Khemani	PCE	ECE
Ankita sambhriya	Poornima College of Engineering	Computer science
Anmol jain	Poornima college of engineering	IT
Anubha Gupta	Poornima College of Engineering	Information technology
Apeksha abhay	Poornima College of Engineering	Computer science
Apeksha Pandey	PGI	CSE
Archit Sharma	Poornima college of engineering	IT
Arpit kabra	Poornima College of Engineering	Competer Science
Arpit Singh	Poornima University, jaipur	r. Mahesh Bundele









Arun Sharma	poornima college of engineerinng	mechanical
Ashish raj	Poornima college of engineering	CS
Ashok Kumar	Poornima College of Engineering Jaipur	Computer Science
Ayush joshi	Ips Academy	CSE
Ayush Kumar Jha	Poornima college of engineering	Computer science
Chirag Gupta	Poornima group of institutions	Cs
Dakshita Sharma	Poornima College of Engineering	Information Technology
Darshika Maheshwari	Poornima group of college	Rajesh sir
Deepak Pareek	Poornima College of Engineering	Civil Engineering
DEVANSHU KATARA	Amrita School of Arts and Sciences, Kochi	Computer Sciences and IT
DEVASHISH SHARMA	Poornima institute of engineering and technology	Computer Science
DEVENDER KUMAR DHAKED	Poornima college of engineering	Computer science
Devendra	Poornima Institute of Engineering and Technology	CSE
Devendra Bhatt	Maharishi University of Information Technology	B. Sc Animation
DEVENDRA CHIPPI	Poornima College Engineering	COMPUTER SCIENCE ENGINEERING
Devendra Kumar Doda	Poornima University	BBA
DEVENDRA PRAJAPAT	Poornima University	SMC
Devendra singh shekhawat	POORNIMA COLLEGE OF ENGINEERING	Mechanical engineering
Garvit Mathur	RJIT	IT
Gaurav Agrawal	Poornima College of Engineering	IT
Gaurav Mishra	poornima college of engineering	cs
Gaurav Pipada	Poornima College Of Engineering	IT
Gaurav Singh	Poornima college of engineering	CSE
GAURAV SINGH RATHORE	Poornima College of Engeenering	Electronics and Communication Engineering
Gaurav Soni	IES IPS academy,indore	Computer science
GAUTAM Sharma	JECRC Foundation	CSE
HARSHIT LOHAR	PIET	CSE
Harshit sarsiya	POORNIMA COLLEGE OF ENGINEERING	Computer Science and Engineering
Harshvardhan Shringi	Poornima College of Engineering, Jaipur	Computer Science engineering
Hemang Sharma	Poornima college of engineering	Computer science
Hemraj	Poornima college of engineering	Computer science department
Himanshi malik	Poornima college of engineering	Mechanical department
Himanshu Jangid	AMET UNIVERSITY	B.sc nautical science
Himanshu Karn	Poornima college of engineering	Electrical department
Himanshu pareek	Poornima College of Engineering	Mechanical engineering
Himanshu Rajput	Poornima group of institution	Computer so unce
HIMANSHU Sharma	Poornima College of Engineering	En adams and I Mahesh Bundele







Himanshu Singh Hada	POORNIMA COLLEGE OF ENGINEERING	It
Himanshu Thory	Poornima College of Engineering	Electronics and Communication Engineering
Hitesh Kumar	Poornima University	SMC
Hitesh Kumar Kalwani	Poornima college of engineering	Information technology
Ishan Jain	Poornima University	Management studies
Ishant Kushwah	Poornima college of engineering Jaipur	It
Ishant Saugat	Poornima group of institution	Artificial intelligence and data science
Ishika Jain	Poornima College of Engineering	Department of Mechanical Engineering
Jack singh	IPS Academy Indore	Institute of engineering and science
Jagrati Agarwal	Poornima innovation & incubation cell	Computer science
Jasmine Chhillar	Poornima University	SMC
Jaswant Mehta	Poornima College Of Engineering	Information Technology
Jatin Jangir	Pce	Cs
Jay Singh Shekhawat	IES IPS ACADEMY	Student
Jigar vyas	Poornima College of Engineering	Electronics and Communication Engineering
JITESH KUMAR	Poornima college of engineering	Civy
Kamini kumari	POORNIMA COLLEGE OF ENGINERRING	INFORMATION TECHNOLOGY
Kanak Pareek	Poornima institute of engineering and technology	Computer science and engineering
Karan Dey	Poornima group of institutions	Computer science
Kartik Sharma	Poornima Group of Institution	Computer Science
Keshav Gaur	Poornima College of engineering	Civil
Keshav Soni	Poornima College of Engineering	Computer Science
Kharanshu Kashyap	Poornima Group of Institutions	Computer science
Khetesh Verma	Poornima college of engineering	Computer science
Khushbu jain	Poornima college of engineering	Cs
khushi jain	Poornima College of Engineering	Computer Science Electronic and communication
Kuldeep Vaishnav	Poornima college of engineering	engineering
Kumar Gaurav	A P Shah Institute of Technology, Thane	Mechanical Engineering
Kunal agarwal	srm college of pharmacy, Modinagar	pharmacy
Kunal Matted	pce	computer science
Kunal mittal	Poornima college of engineering	Mechanical engineering
Kushal Pareek	Poornima college of engineering	Computer science
Lakshya Gupta	MCED	MCED
Lalit kumawat	Poornima Group of Institutions	Applied Sciences

Feedback: -

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Name	Name of Institute/College/ University	How would you rate the organization of the Activity ?
Surbhi Mathur	JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTER	Good
Nadeem khan	Poornima college of engineering	Excellent
parthiv raj	PIET	Good
Leeladhar Kumawat	Poornima Group of Institution, Jaipur	Very Good
Parihar Hitesh Ramesh	Poornima College of Engineering	Very Good
GAURAV SINGH RATHORE	Poornima College of E ngineering, Jaipur	Very Good
Jigar vyas	Arya college of Engineering and IT Jaipur	Excellent
Devendra Dhaked	Poornima College of Engineering	Good
Md Altamash Raza	Poornima Institute of Engineering and Technology	Excellent
Mr. Narendra Gupta	Mohanlal Sukhadia University	Excellent
Manvi yogi	Poornima University	Excellent
Sankalp Brijesh	JECRC Foundation	Good
Kuldeep vaishnav	Poornima College Of Engineering	Good
Anubha Gupta	Poornima College of Engineering	Very Good
Gautam Sharma	Poornima Institute Of Engineering and Technology	Good
Manvi Agrawal	Poornima College Of Engineering	Very Good
Sanjivani Sharma	Poornima College of Engineering	Good
Arun Sharma	poornima college of engineering	Excellent
Darshika Maheshwari	Swami keshvanand institute of technology	Very Good
Subanshika	Poornima college of engineering	Excellent
Amit Yadav	Jaipur Engineering college and research centre	Very Good
Jay Singh Shekhawat	Poornima College Of Engineering	Excellent
Harsh Sharma	PCE	Good
Dakshita Sharma	Poornima College Of Engineering	Very Good
Jagrati Agarwal	Poornima groups of colleges	Excellent
Devendra Bhatt	PPoornima Institute of Engineering & Technology	Excellent
Vaibhav Khushalani	Poornima college of engineering	Good
Pallab Sikdar	srm college of pharmacy, Modinagar	Good
Shivashish Narayan	Poornima university	Very Good
Nikhil Singhal	Poornima College Of Engineering	Very Good
Lokesh kumar	Poornima collage of engineering	Very Good
Manish Sharma	Poornima College of Engineering	Excellent
Hitesh Kumar	Poornima college of engineering	Very Good
Vinayak Gupta	POORNIMA COLLEGE OF ENINEERING	Very Good
Bhawna Gupta	Poornima College Of Engineering	Very Good
SOURABH GUPTA	Poornima college of engineering	Very Mahesh Bundele







	December in this to of a mineral and	I
Shruti Agarwal	Poornima institute of engineering and technology	Good
Ishika Jain	Poornima College Of Engineering	Excellent
Aditya Kashyap	Poornima College of Engineering	Excellent
Shreya Jangid	Poornima Institute of Engineering and Technology	Good
Shrishti Agarwal	Poornima college of Engineering	Excellent
Parth Pandey	poornima college of engineering	Average
Sandeep Jangid	PGI	Good
Vishali Gupta	Poornima College of Engineering	Excellent
Ishant Kushwah	POORNIMA COLLEGE OF ENGINEERING	Very Good
Prashant Kumar	Poornima institute of engineering and technology	Very Good
Pragya thakur	Poornima Group of Institutions	Good
tanisha khunteta	poornima college of engineering	Good
SIDDANATHI ESWAR VARDHAN	Amity University Rajasthan	Good
Sneha Prajapati	Poornima Institute Of Engineering And Technology	Very Good
HARSHIT LOHAR	POORNIMA COLLEGE OF ENGINEERING	Excellent
Sushil Kumar	Poornima Institute of Engineering and Technology	Very Good
Prashant Jain Bakliwal	Poornima group of institutions	Very Good
khushbu jain	mlv textile engineering collage	Very Good
shagun pareek	poornima institute of engineering and technology	Excellent
Jasmine Chhillar	PCE	Very Good
PranshuL jain	Pce	Good
Kunal Matted	Poornima college of engineering	Excellent
Kharanshu Kashyap	Poornima College Of Engineering	Good
keshav gaur	POORNIMA COLLAGE OF ENGINEERING	Good
Vijendra kumawat	Poornima college of engineering	Excellent
Sachindra Singh Ola	Poornima College Of Engineering	Excellent
Khushi Khandelwal	Mody University	Excellent
Prateek Sharma	Poornima college of engineering	Good
Prerna mundra	poornima college of engineering	Excellent
Sakshi Sharma	Poornima college of engineering	Very Good
Tarun Upadhayay	Poornima College of Engineering	Good

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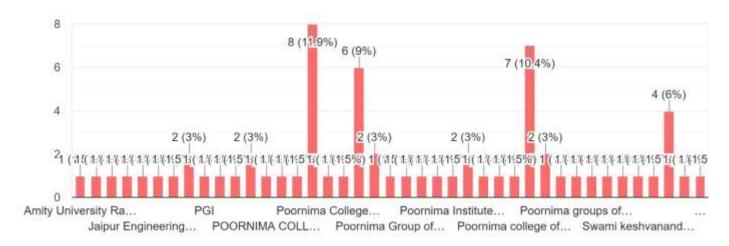






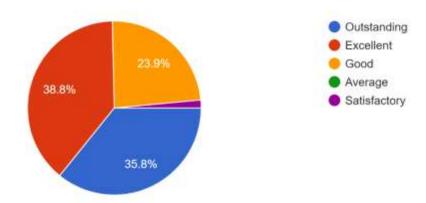
## Name of Institute/College/ University

67 responses

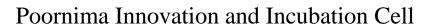


#### The content of the activity were?

67 responses



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131-6, RIICO Institutional Area
Sitapura, JAIPUR

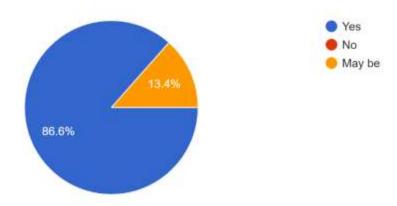




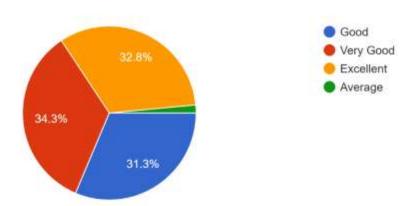




Did you receive all the information you expected as the Activity? 67 responses



How would you rate the organization of the Activity? 67 responses



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## POORNIMA COLLEGE OF ENGINEERING

## Poornima Innovation and Incubation Cell Report on TOYCATHON 2020-21

Being part of the IIC network, we were conduct following thinks to make this program a great success:

- Popularize the program by posting the posters of **Toycathon** in the institute's social media sites such as Facebook, Instagram, Twitter etc. And Whatsapp Groups of PIIC.
- e-circulate the posters and information among students to get aware of this initiative and actively encourage them to participate in this hackathon.
- ❖ Attend the Youtube sessions on Toycathon starts from 11th to 19th Jan 2021 (11.00 AM) will be streamed on official youtube channel of MIC
- Lincourage students to register and submit innovative toy & game idea in the prescribed format at https://toycathon.mic.gov.in/index.php before 20th Jan 2021.
- We conducted internal compaction at college level in which 20 teams were participated and from that 3 teams were selected from final submission as following:



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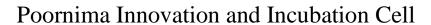








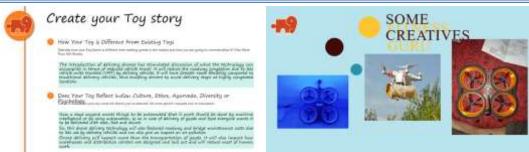
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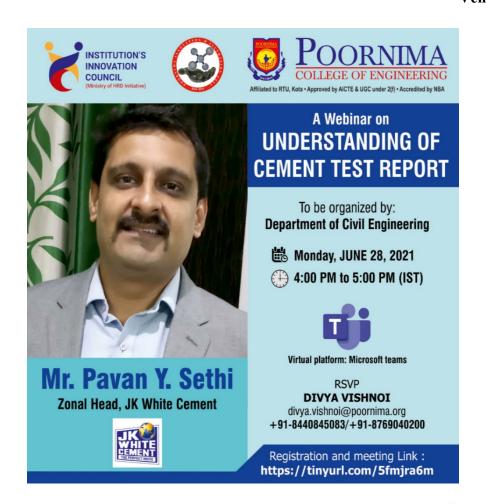
## POORNIMA COLLEGE OF ENGINEERING

**Poornima Innovation and Incubation Cell** 

# A National WEBINAR on UNDERSTANDING CEMENT TEST REPORTS

by Er. Pavan Y. Sethi

**Date:** June 28, 2020 **Time:** 4:00 PM – 5:00 PM **Venue:** Online Mode



Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
131-6, Fulco Institutional Area
Stlapura, JAIPUR







## **Brief Report**

**Poornima Innovation and Incubation Cell, Poornima College of Engineering (PCE), Jaipur** organized a distinguished Webinar on **UNDERSTANDING CEMENT TEST REPORTS** on Monday i.e., June 28, 2021 at 04:00 PM. More than 100 participants registered in the event and more than 70 students have attended the Distinguished Lecture from all over India.

Mr. Divya Vishnoi, Assistant Professor (Poornima College of Engineering) introduce about topic and speaker. He also mentioned that this webinar will be helpful for Site Engineers & Quality Control Engineers to deliver good quality of work. During the technical discussions Er. Pavan Y. Sethi focused different test reports of white cement including latest equipment used for fast results. He also suggests the limits of physical and chemical properties of white cement. During his presentation, he focuses on the cement production and demand in world. And the end of his presentation he replied the answers of questions asked by participants.

Dr. Manoj Gattani Associate Professor, Department of Civil Engineering (Poornima College of Engineering) proposed the votes of thanks to the speaker and mentioned the know-how of being in the industry along with all participants.

Dr. Mahesh Bundele
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Peornima College of Engineering
131-0, Full College Institutional Area









#### **Poster of Webinar**



#### Er. Pavan Y. Sethi, Zonal Head, J.K. White Cement

**Er. Pavan Y. Sethi** is Civil Engineer with PG in Management, Finance & Marketing. He is having 20 years' experience in as concrete technologist, customer technical services, and engineer in cement industry. Currently he is working with J. K. White cement as Zonal head. His Expertise in the field of Cement, Concrete Technology, High grade and also Special concrete. Also, the mineral admixture modified the green concrete using GGBs and fly ash and high-performance concrete using chemical admixture such as high range of admixtures.

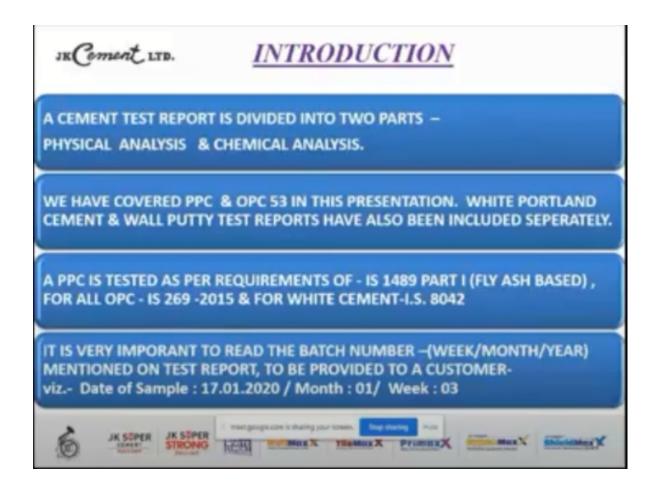
### Glimpse of Webinar









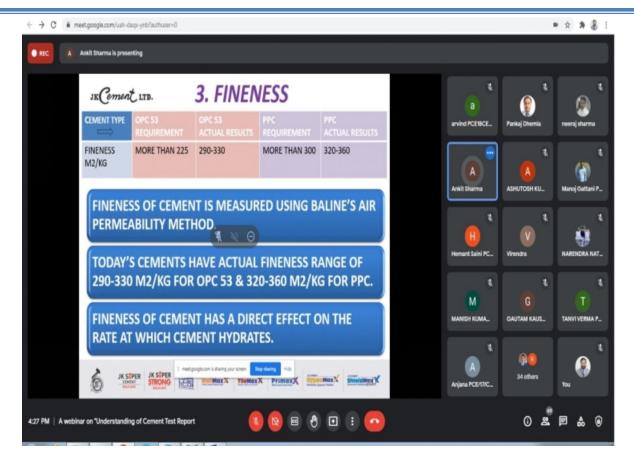


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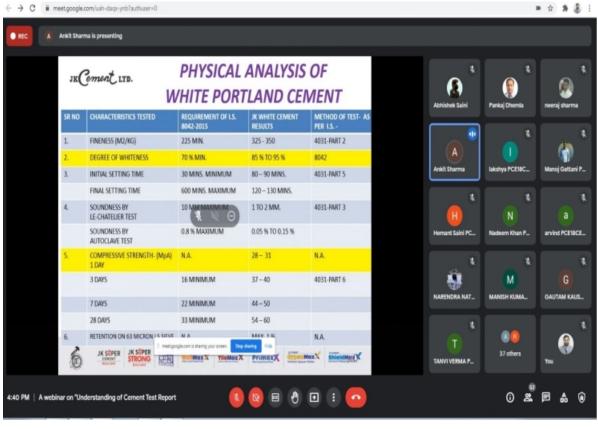


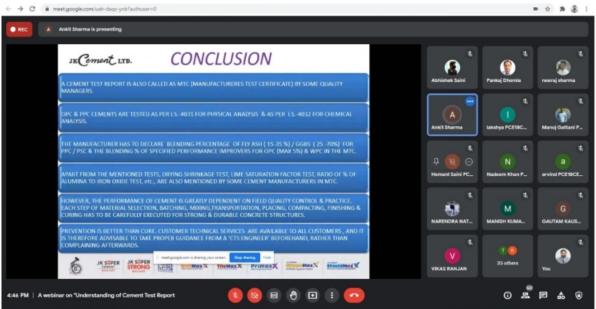
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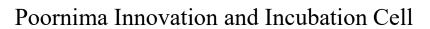








First Name	Last Name	City	College Name	Branch
Yash	Goyal	Jaipur	Poornima University	B.Arch.
Sayan	Sarkar	Jaipur	Poornima University	BVA(painting)
kapil	sharma	Jaipur City	Poornima University	CSE
Shradha	Vyas	Kota	Poornima university	Bba
Omprakash	Yadav	Mumbai	Poornima University	B.arch
Shreya	Sharma	jaipur	poornima university	architecture
Ashok	Kharwar	Jaipur	Poornima University	Electrical & Power System Engineering
Khushi	Gupta	Agra	Poornima university	B3 (20 (SE)
Shashi	Ranjan	Jaipur	Poornima university	Dr. Mahesh Bundele B.E., M.E., Ph.D. Director Poornima College of Engineerin ISI-6, FUICO Institutional Area Stlapura, JAIPUR

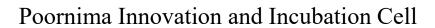








Monika	Gupta	Jaipur	Poornima University	Design
VISHAL	BABLANI	Gandhidham	Poornima university	SMC
Vishesh	Kishore	Jaipur	Poornima University	Mechanical
Neeraj	Sharma	Jaipur	Poornima university	CS
Sachin	Sahu	Jaipur	Poornima University	Cs
Lokendra Singh	Rathore	Sri Ganganagar	Poornima University	EE
Chandar prakash	Suthar	Bikaner	Poornima university	Barch
Manish	Kumar Yadav	Jaipur	Poornima university	Mechanical
VIjay	Gouttam	Malpura	Poornima University, Jaipur	Structural Engineering
Gaurav	Soni	Jaipur	Poornima Institute of Engineering and Technology	Artificial Intelligence and Data Science
Krishna	Sharma	Jaipur	Poornima Group Of Institutions	CSE
Sushil	Kumar	Jaipur	Poornima Institute of Engineering and Technology	Artificial Intelligence and Data Science
Nitesh	Kumawa t	Jaipur	Piet Jaipur	CS
Rahul	Sharma	Jaipur	Poornima institute of engineering and technology	CSE
Ayush	Arya	Jaipur	Poornima Group of Institutions	Computer Science Engineering
Rakhi	Singh	Jaipur	Poornima Institute of engineering and technology	Computer science
Sachin	Sharma	JAIPUR	Poornima institute of engineering and technology	Cse
Harsh	Vardhan	Aligarh	Poornima group of institutions	Computer science
Sahil	Gupta	Dausa	Poornima	Computer science
Garvit	Ghiya	Alwar	Poornima Group of Institutions	Computer science and engineering
manish	tailor	harsore	poornima group of institute jaipur	computer science
Harendra	Kumawa t	Jaipur	Poornima Group of Institute	CSE
Kumari	Khushbo o	Motihari	Piet	Cse
Parveen	Yadav	Narnual	PGI	Cs
Gaurav	Singh	Jaipur	PGI	CS
Harsh	Todwal	Jaipur	Piet	Cse
DIVYANSH	SEKSARI A	Jaipur	Poornima group of Institutions	Cs
Kavita	Pahadiya	Jaipur	Pgi	Cs
Himanshu	Jhalani	Bharatpur	Poornima institute of engineering and technology	Cse
Ishu	Kumar	Jaipur	Piet	Cs
AKSHAY KUMAR	HIRAN	Bhilwara	Poornima institute of engineering and technology Jaipur	Dr. Mahesh Bundele B.E. M.E. Ph.D.  Director
			(F	Poornima College of Engineering 131-6, FulCO Institutional Area Stapura, JAIPUR









Garvit	Jain	Sitapura Area, Jaipur	PIET, JAIPUR	Btech in cse
Anant	Jain	Kota	Poornima Institute of Engineering and Technology	Computer science
Atal	Kumar	Sasaram	PIET Jaipur	CSE
Sharad Kumar	Agarwal	Borawar	Poornima group of institutions	Computer science
Vikas Kumar	Jain	Jaipur	Piet	Cs
Rahul	Sharma	Jaipur	Poornima group of institution	Computer science
Sudhanshu	Agrawal	Dausa	PGI	CS
Piyush	Agarwal	Jaipur	Poornima Group Of Institutions	CS
Ankita	Panigrahi	Jaipur	Poornima Group of Institutions	Jaipur
Tanisha	Sharma	Jaipur	PIET	Computer science engineering
Shubhangi	gangwar	Jaipur	Poornima group of institutions	Cs
Akash	Chandna ni	Mgh	Pgi	Cs
Sparsh	Virthare	Kota	PIET	CS
Pawan	kumar	Azamgarh	Pgi	CS
Niku	Kumar Singh	Siwan	PIET	CS
YUVRAJ	PARETA	Kota	Poornima Institute of Engineering and Technology	Computer Science and Engineering
MUKESH	SINGH	Bharatpur	PGI	Computer science
Twinkle	Rawat	CHITTAURGAR H	PIET	CS
Archit	Sharma	Jaipur	Pgi	Cs
Shiva kumar	Dangi	Jaipur	Poornima university	B.arch
Amitesh	Kumar	Jaipur	Poornima college of Engineering	Computer Engineering
Yogesh	Vaishnav	Jaipur	Poornima University	EEE
Yash	Nagla	Jaipur	Poornima Group of Institute	Artificial Intelligence & Data Analysis
Mukul	Bandhiw al	Jaipur	Poornima institute of engineering and technology	Computer science
Daksh	Lohar	Nimbahera	Poornima institute of engineering and technology	Computer science
Kunal	Shrimal	Jaipur City	Poornima institute of engineering and technology	Computer science
Ayushi	Sharma	Jaipur	Poornima institute of engineering and technology	Computer Science
Sunita	Ranwa	Nagaur	PIET	CS
Alok	Garg	Jaipur	Piet	Cs
Chandrahas	Thakur	Jaipur	POORNIMA INSTITUTE OF TECHNOLOGY AND ENGINEERING	CET
Tushar	Suman	Kota,		. Mahesh Bundele
	23	,	Poor	B.E., M.E., Ph.D.  Director  nima College of Engineering  6, RIICO Institutional Area  Stapura, JAIPUR







		Rajasthan		
Siddhant	Jain	Jaipur	Piet	Cs
Praveen	Jangir	Mandawa	Poornima group of institute Jaipur	Computer science
Rajeev	Ranjan	Jaipur	PIET	Cs
PAYAL	MISHRA	Jaipur	POORNIMA UNIVERSITY	BCOM
Ankit Kumar	Sharma	Jaipur	Poornima group of institutions	Computer science
Aditya	Jain	gwalior	Poornima Institute of engineering and technology	Computer scit
Ravi	Saini	Jaipur	Pgi	Cs
Priyanka	Kumari	Patna	Poornima Institute Of Engineering And Technology	Computer science
fsv	sfs	sf	fwefwf	fwefwe
Jayant	Kumar	Jaipur	Poornima institute of engineering and technology	CSE
Ishan	Kumar	Jaipur	Poornima Institute of engineering and technology	CSE







## POORNIMA COLLEGE OF ENGINEERING

**Poornima Innovation and Incubation Cell** 

# Session on How to Start a Startup

by Mr. Shashi Gupta

**Date: June 3**, 2020

**Time:** 3:00 PM – 4:00 PM **Venue:** Online Mode (ZOOM)













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The session was primarily focused on guiding students and fresh graduates to start their own enterprise and engage them to participate in Youth Entrepreneurship B-plan Competition. During the session, the speaker discussed about the building blocks of a Startup including tools and methodologies. They also shared the various student startup opportunities to validate the startup ideas. Many aspects related to the binging of the entrepreneurship career were also explained. Students also asked their various doubts related to the same and they were clarified very clearly and in effective way.

Profile of the speaker



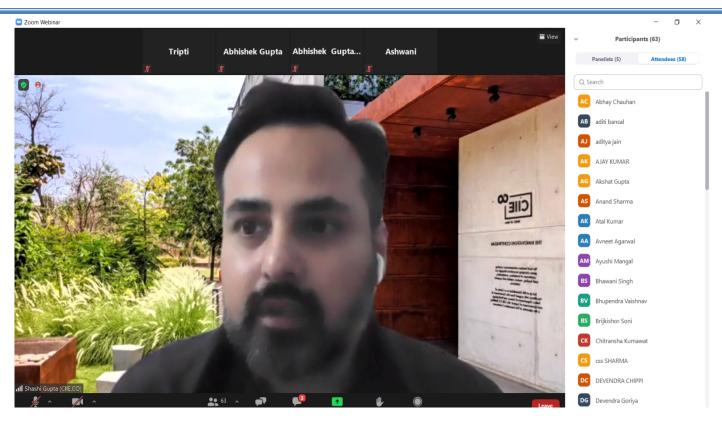
AVP – Regional Incubation at CIIE.Co and manages network of experts, oversee evaluation and selection of startups for capacity building workshops and contributes in implementation of sector and region focused programs. Currently he is leading the Gujarat and Assam region for CIIE.CO to strengthen regional startup ecosystems through various startup engagements. Prior to joining CIIE.CO he was working with an Ed-tech accelerator and facilitated investments into more than 30 startups . He also has entrepreneurial experience in the Foodtech segment and worked in real estate and banking during his career.

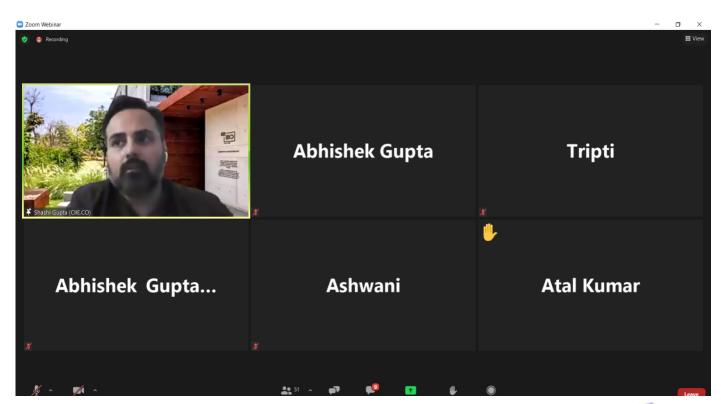
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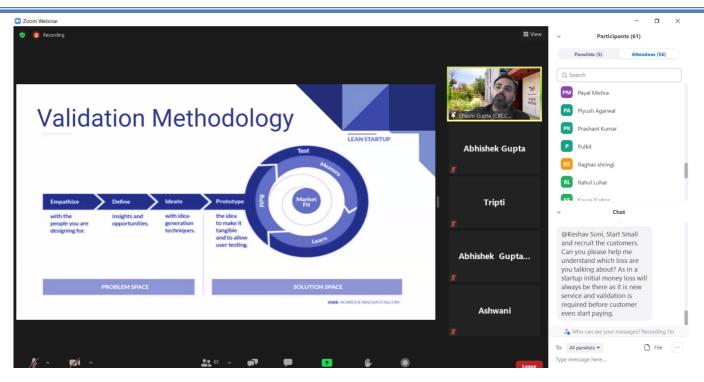


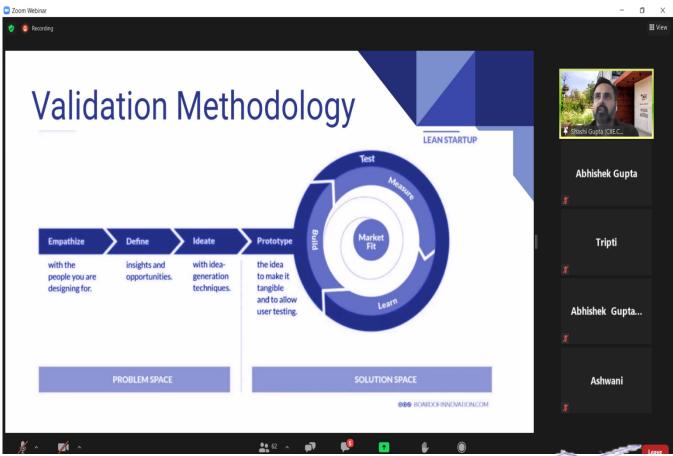










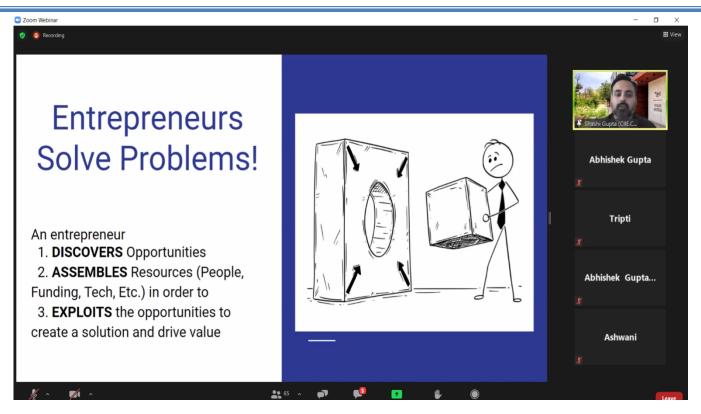


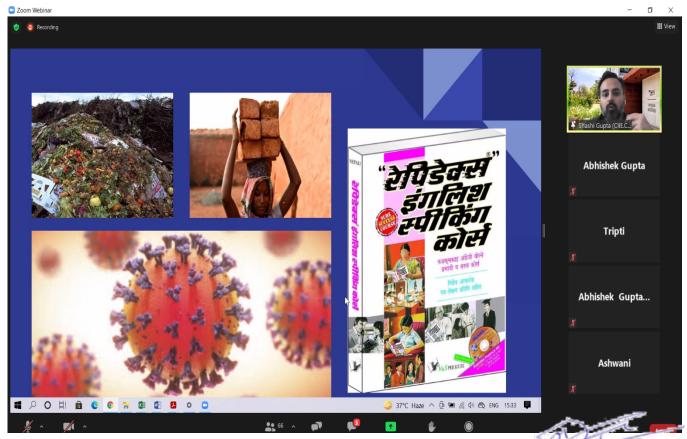








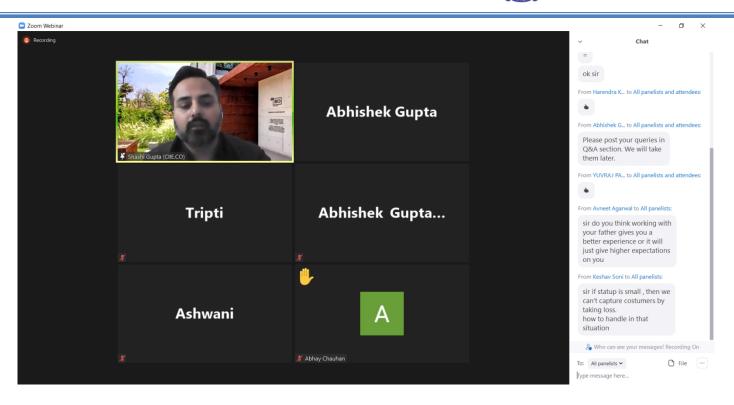


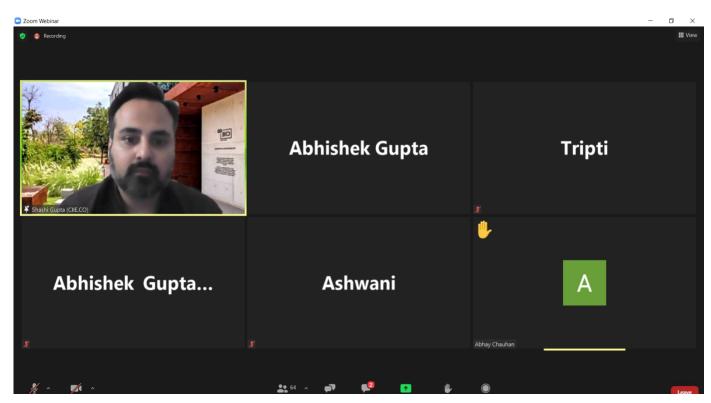




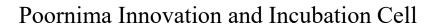








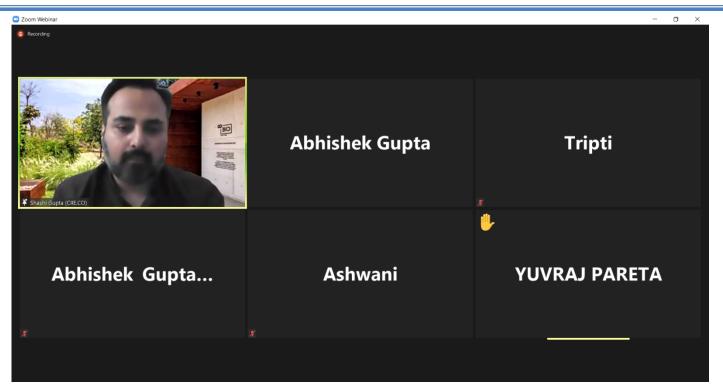


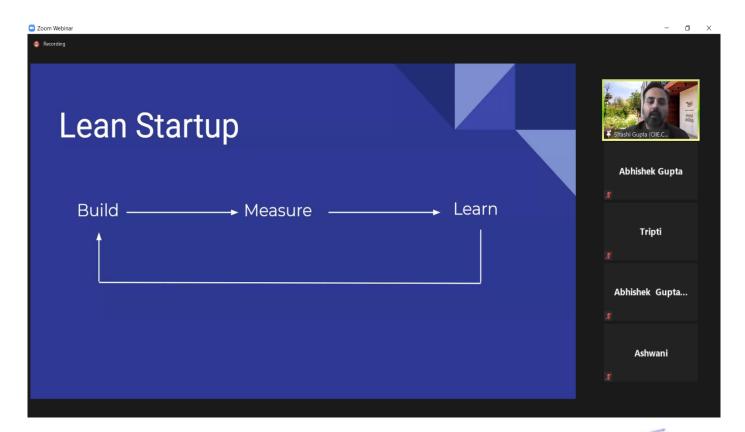












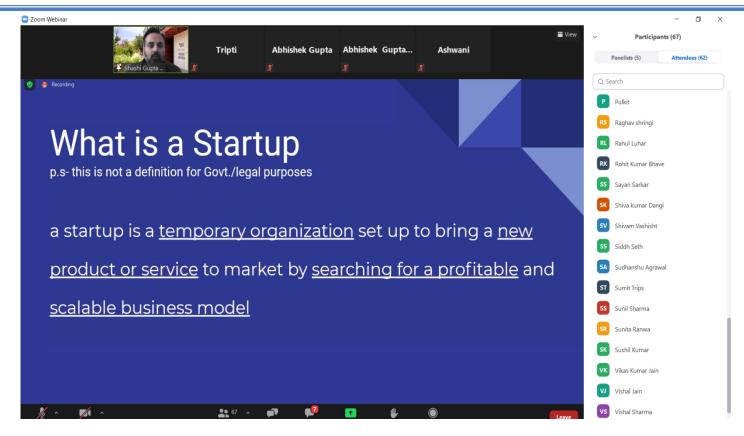
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Peornima College of Engineering
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Stlapura, JAIPUR











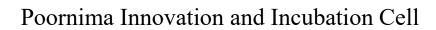
First Name	Last Name	City	College Name
Manvendra	Singh Rathore	Jaipur	Poornima University
Aman	Soni	Jaipur	Poornima university
Nilesh	PATEL	Udaipur	Poornima university
Dheeraj	Jangir	Sikar	Poornima university
Mohit	Sharma	Jaipur	PU
Ishant		Jaipur	Poornima University
Kush	pareek	Jaipur	Poornima University
Harsh	Mali	Rajsamand	Poornima university
Yash	Goyal	Jaipur	Poornima University
Sayan	Sarkar	Jaipur	Poornima University
kapil	sharma	Jaipur City	Poornima University
Shradha	Vyas	Kota	Poornima university
Omprakash	Yadav	Mumbai	Poornima University
Shreya	Sharma	jaipur	poornima university
Ashok	Kharwar	Jaipur	Poornima University
Khushi Shashi Monika VISHAL	Gupta Ranjan Gupta BABLANI	Agra Jaipur Jaipur Gandhidha	Poornima university Poornima university Poornima University Poornima university

Branch
B.Tech.
Electrical engineering
BCA DATA SCIENCE
B.Sc
Pihm
Commerce
Computer science
Bca
B.Arch.
BVA(painting)
CSE

B.Arch.
BVA(painting)
CSE
Bba
B.arch
architecture
Electrical & Power System
Engineering
B. Tech(CSE)
MBA
Design

Dr. Mahesh Bundele B.E., M.E., Ph.D.

Director
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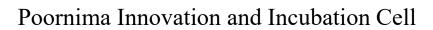








		m		
Vishesh	Kishore	Jaipur	Poornima University	Mechanical
Neeraj	Sharma	Jaipur	Poornima university	CS
Sachin	Sahu	Jaipur	Poornima University	Cs
Lokendra	Rathore	Sri	Doorning University	EE
Singh	Ratifore	Ganganaga r	Poornima University	EE
Chandar	Suthar	Bikaner	Poornima university	Barch
prakash		Dikarier	1 dominia university	Barcii
Manish	Kumar Yadav	Jaipur	Poornima university	Mechanical
VIjay	Gouttam	Malpura	Poornima University, Jaipur	Structural Engineering
Gaurav	Soni	Jaipur	Poornima Institute of Engineering and Technology	Artificial Intelligence and Data Science
Krishna	Sharma	Jaipur	Poornima Group Of Institutions	CSE
Sushil	Kumar	Jaipur	Poornima Institute of Engineering and Technology	Artificial Intelligence and Data Science
Nitesh	Kumawat	Jaipur	Piet Jaipur	CS
Rahul	Sharma	Jaipur	Poornima institute of engineering and technology	CSE
Ayush	Arya	Jaipur	Poornima Group of Institutions	Computer Science Engineering
		Hanumang		Computer Science and
Gurjot	singh	arh	Poornima Group Of Institute	Engineering (Artificial Intelligence)
Mohit	Sain	Jaipur	Poornima group of institutions	Computer science
Naman	Gupta	Jaipur	Poornima institute of engineering and technology	CSE
Ramanveer singh	chib	jammu	Piet	CS
-	Kumar	lainur	Poornima institute of engineering and	CSE
Piyush	Kuillai	Jaipur	technology, Jaipur, Rajasthan	CSE
Govinda	Bitlani	Jaipur	Poornima institute of engineering and technology	Cse
Leeladhar	Kumawat	Jaipur	Poornima Group Of Institution, Jaipur	CS
Keshav	Soni	Pratapgarh	Poornima Group of Institutions	Computer science
Krishan Kumar	Sharma	Jaipur Rajasthan	Poornima group of institutions jaipur	Computer science
Lakshya	Bhatia	Jaipur	Pgi	Aids
Dimitri	Putin	Jaipur	PIET	CSE
Rakhi	Singh	Jaipur	Poornima Institute of engineering and technology	Computer science
Sachin	Sharma	JAIPUR	Poornima institute of engineering and technology	Cse
Harsh	Vardhan	Aligarh	Poornima group of institutions	Computer science
Sahil	Gupta	Dausa	Poornima	Computer science
Garvit	Ghiya	Alwar	Poornima Group of Institutions	Compoly: Saince and Dry Mahesh Bundele B.E., M.E., Ph.D. Director
				Poornima College of Engineering ISI-6, RIICO Institutional Area Stapura, JAIPUR



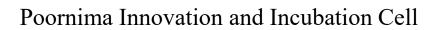






manish	tailor	harsore	poornima group of institute jaipur	computer science
Harendra	Kumawat	Jaipur	Poornima Group of Institute	CSE
Kumari	Khushboo	Motihari	Piet	Cse
Parveen	Yadav	Narnual	PGI	Cs
Gaurav	Singh	Jaipur	PGI	CS
Harsh	Todwal	Jaipur	Piet	Cse
DIVYANSH	SEKSARIA	Jaipur	Poornima group of Institutions	Cs
Kavita	Pahadiya	Jaipur	Pgi	Cs
Himanshu	Jhalani	Bharatpur	Poornima institute of engineering and technology	Cse
Ishu	Kumar	Jaipur	Piet	Cs
AKSHAY KUMAR	HIRAN	Bhilwara	Poornima institute of engineering and technology Jaipur	Computer science and engineering
Garvit	Jain	Sitapura Area, Jaipur	PIET, JAIPUR	Btech in cse
Anant	Jain	Kota	Poornima Institute of Engineering and Technology	Computer science
Atal	Kumar	Sasaram	PIET Jaipur	CSE
Sharad Kumar	Agarwal	Borawar	Poornima group of institutions	Computer science
Vikas Kumar	Jain	Jaipur	Piet	Cs
Rahul	Sharma	Jaipur	Poornima group of institution	Computer science
Sudhanshu	Agrawal	Dausa	PGI	CS
Piyush	Agarwal	Jaipur	Poornima Group Of Institutions	CS
Ankita	Panigrahi	Jaipur	Poornima Group of Institutions	Jaipur
Tanisha	Sharma	Jaipur	PIET	Computer science engineering
Shubhangi	gangwar	Jaipur	Poornima group of institutions	Cs
Akash	Chandnani	Mgh	Pgi	Cs
Sparsh	Virthare	Kota	PIET	CS
Pawan	kumar	Azamgarh	Pgi	cs
Vikash	Kumar	Jaipur	Poornima Institute of Engineering and Technology	Computer Science and Engineering
Rohit	Bhave	Gangapur City	PIET	CSE
Nikhil	Bhardwaj	Jaipur	Poornima Group of Institutions	Cs
Yash	Vijayvargiya	Alwar	Poornima group of institutions	Computer science
Sandeep	Choudhary	Sikar	PIET	CS
JATIN	SHARMA	JAIPUR	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY	C.S.
Jack	Singh	Jaipur	Poornima institute of engineering and technology	Computer science engineering
Yuvraj	Dagur	Jaipur	Poornima Institute of Engineering and Technology	Computer Science
Zakir	Lone	Jaipur	Poornima institute of engineering and	Dr. Mahesh Bundele

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			technology	
Ujjwal	Mittal	Jaipur	jecrc	IT
Ayushi	Mangal	Hindaun	Piet	Cs
Niku	Kumar Singh	Siwan	PIET	CS
YUVRAJ	PARETA	Kota	Poornima Institute of Engineering and Technology	Computer Science and Engineering
MUKESH	SINGH	Bharatpur	PGI	Computer science
Twinkle	Rawat	CHITTAURG ARH	PIET	CS
Archit	Sharma	Jaipur	Pgi	Cs
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Amitesh	Kumar	Jaipur	Poornima college of Engineering	Computer Engineering
Yogesh	Vaishnav	Jaipur	Poornima University	EEE
Yash	Nagla	Jaipur	Poornima Group of Institute	Artificial Intelligence & Data Analysis
Mukul	Bandhiwal	Jaipur	Poornima institute of engineering and technology	Computer science
Daksh	Lohar	Nimbahera	Poornima institute of engineering and technology	Computer science
Kunal	Shrimal	Jaipur City	Poornima institute of engineering and technology	Computer science
Ayushi	Sharma	Jaipur	Poornima institute of engineering and technology	Computer Science
Sunita	Ranwa	Nagaur	PIET	CS
Alok	Garg	Jaipur	Piet	Cs
Chandrahas	Thakur	Jaipur	POORNIMA INSTITUTE OF TECHNOLOGY AND ENGINEERING	CSE
Tushar	Suman	Kota, Rajasthan	PGI	Computer Sc. and Engg.
Siddhant	Jain	Jaipur	Piet	Cs
Praveen	Jangir	Mandawa	Poornima group of institute Jaipur	Computer science
Rajeev	Ranjan	Jaipur 	PIET	Cs
PAYAL	MISHRA	Jaipur	POORNIMA UNIVERSITY	BCOM
Ankit Kumar	Sharma	Jaipur	Poornima group of institutions	Computer science
Aditya	Jain	gwalior	Poornima Institute of engineering and technology	Computer scit
Ravi	Saini	Jaipur	Pgi	Cs
Priyanka	Kumari	Patna	Poornima Institute Of Engineering And Technology	Computer science
fsv	sfs	sf	fwefwf	fwefwe
Jayant	Kumar	Jaipur	Poornima institute of engineering and technology	CSE
Ishan	Kumar	Jaipur	Poornima Institute of engineering and technology	Dr. Mahesh Bundele B.E., M.E., Ph.D. Director Cornima College of Engineering 181-6, Fulco Institutional Area
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Kamlesh	Kumar	Begusarai	Poornima university	Civil
Sanjeev	Meena	Jaipur	Poornima university	Civil engineering
Zeenat	Afreen	Jaipur	Poornima University	Artificial intelligence
Manvi	Jain	Jaipur	Poornima university	B.COM (Honors)
Gautam	Sharma	Beawar	Poornima Institute Of Engineering and Technology	Computer Science Engineering
Vijay Raj	Panchal	jaipur	Poornima University	Computer Science
Anand	Sharma	Jaipur	Poornima university	Electrical engineering
NAWAF KHOKAR	Ali	Jauipur	Poornima University	EC
Ishan	Saxena	Jaipur	Poornima University	Cs

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