A
Report
on
RTU
POORNIMA HACKATHON-2021
(23-24 March 2021)

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About Poornima Hackathon 2021

Poornima Hackathon 2021, sponsored by Rajasthan Technical University under TEQIP III aims to raise standard of living in rural India and the overall development of villages in India. It will bring together all streams of engineering to deliberate on the innovation and technological advancement in developing smarter technologies for building efficient, sustainable and livable villages in India.

The theme of Poornima Hackathon 2021 is "Role of Engineers in Innovation and Technological Advancement for village upliftment". Emphasis of Hackathon is on quality education, waste management, availability of clean water, renewable energy sources, agriculture, rural development, health care, digital literacy, smart communication, smart vehicles, easy access to government schemes etc. The event will play a vital role in harnessing creativity, fuelling imagination and funnelling for self-reliant India, improving governance and empowering farmers and citizens. A hackathon at Poornima provides an opportunity to create functioning the software or hardware by the end of the event. It starts with communication that mentions the objectives, terms, and details of the hackathon. It is generally observed that developers register to participate in the hackathon and they qualify after the screening is done to analyse their background and skills. Poornima Hackathon will last from several hours to several days giving the participants a chance to interact, learn and recreate among the intellectuals. Some of the benefits of Poornima Hackathon are as follows:

- Provides exposure to real world challenges and opportunities to work on them
- Experience of Industrial mentorship
- An Opportunity to interact and learn
- Opportunity to implement the projects for the sake of launching in market scenario
- Facilitates the benchmarking in execution and planning within team members.

About Rajasthan Technical University

RTU was established in 2006 by the Government of Rajasthan to enhance the technical education in the state. Rajasthan Technical University (RTU) is located in Kota in the state of Rajasthan. The University aims to provide quality technical education which may help Rajasthan in its technical development and will boost technical environment in the country.

The University offers almost all the disciplines related to technical education including Bachelor of Technology, Master of Technology, Master of Business Administration, Master of Computer Applications, and Bachelor of Hotel Management and Catering Technology.

The Honb'le Governor of Rajasthan His Excellency Shri Kalraj Mishra is the Chancellor, and Prof. R. A. Gupta is the Vice-Chancellor of the University.

Thousands of students graduate from the University every year and many attain post-graduation. The University is making steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

Rajasthan Technical University is aimed at:

VISION

To be an eminent institute of technical education and research through academic excellence and innovation to serve the needs of industry and society.

MISSION

1. To provide quality education with focus on practical knowledge and ethics.
2. To maintain a student support system for their professional growth to compete globally
3. To promote an environment conducive for innovation, entrepreneurship development and research.

Institutional Profile

Poornima Institute of Engineering and Technology, Jaipur (PIET), is one of the premier institutions in engineering education in Rajasthan and is affiliated to Rajasthan Technical University and approved by AICTE. Shanti Education Society established in year 1999, initiated Poornima Group with student strength of 180 has now become best destination for Technical Education in Rajasthan. During its journey of 19 years Poornima Group has developed 4 institutions of repute and has grown to the size of 8000 students. Poornima Group institutions are known for excellent placements, consistent university results; 360-degree development of students. The society, governs three AICTE approved & RTU affiliated college and one University approved by UGC.

PIET, is one of the premier institutions in engineering education in Rajasthan, established in the academic year 2007, is affiliated to Rajasthan Technical University and approved by AICTE. PIET is accredited by National Assessment and Accreditation Council (NAAC). Two of its programs namely B.Tech in Computer Engineering and B.Tech in Civil Engineering are accredited by National Board of Accreditation (NBA), India for the quality education. PIET has been ranked 3rd among all RTU affiliated colleges in Quality Index Value (QIV) assessment in academic year 2020-21. PIET has been rated as GOLD in Survey of Industry Linked Technical Institutes conducted by AICTE-CII. The management makes sustained efforts to use education as an instrument for growth of economy and is the driving force & inspirational spirit behind the establishment of PIET.

The following details convey its journey of progress and benchmarking in quality education.

PIET Achievements & Highlights: -

State of Art of Infrastructure for innovative Teaching Pedagogy and ICT based learning.

• Ranked 4th by Rajasthan Technical University under Quality Index Value Framework.

• Accredited with NBA for B.Tech CSE 2020. • Accredited with NBA for B.Tech Civil in 2019.

• NAAC Accredited institute from 2019.

• Notable funding received from various Government and Private bodies (AICTE, RTU, IIHT, IMPACT, ZEETRON NETWORKS)

Regular and quality placements in all Major MNC are like Infosys, Capgemini. IBM, Adani, etc. with more than 91% eligible students getting placed in house every year.

Industry oriented labs for quality education IBM, Oracle, Celebal Technologies, RapidOs, Wipro, FACE, Redhat, CESA etc., Faculty Felicitation & Reward system and similar systems for students, Concerned for Environment & sustainability, Waste Management, Rain Water Harvesting and Facilities for Sports, Gymnasium, Cultural Activities, Auditorium

Jaipur- City Hosting the Hackathon 2021

Rajasthan's beautiful Pink City Jaipur, was the stronghold of a clan of rulers whose three hillforts and series of palaces in the city are important attractions. Known as the Pink City because of the colour of the stone used exclusively in the walled city, Jaipur's bazaars sell embroidered leather shoes, blue pottery, tie and dye scarves and other exotic wares. Western Rajasthan itself forms a convenient circuit, in the heart of the Thar Desert which has shaped its history, lifestyles and architecture.

Founded in AD 1727 by Sawai Jaisingh II, Jaipur the capital of Rajasthan is popularly known as the Pink City with broad avenues and spacious gardens. The capital of Rajasthan, Jaipur is steeped in history and culture. Here the past comes alive in magnificent forts and palaces, blushed pink, where once lived the maharajas. The bustling bazaars of Jaipur, famous for Rajasthani jewellery, fabric and shoes, possess a timeless quality and are surely a treasure-trove for the shoppers. This fascinating city with its romantic charm takes you to an epoch of royalty and tradition.

Jaipur has been laid according to the conventional nine-grid pattern that astrologers believe to be lucky, and which has been recommended in the ancient Indian treatise on architecture. Each grid consists of a square, and these have been planned so that, at the heart of the city is the City Palace. Spread around it, in rows, is public buildings, the residences of noblemen, the living and trading quarters of merchants and artisans. Straight, wide roads run through the city, while a high, crenellated wall that forms its defense is pierced with seven gateways that serve as entry points. Today, these walls may be more difficult to spot since the city has grown far beyond its original plan, but they are still there, proof that though Jaipur saw no great siege, it was more than adequately prepared for it.

Jaipur's architectural planning may have been ancient, but its execution was definitely modern. Best represented by the City Palace complex, it brought together all that was excellent in Rajput and Mughal architecture, creating a new tradition that found wide currency over much of north India. As in the Mughal tradition, the durbar or court areas became much more open, characterized by a series of arched pavilions held on delicately crafted pillars. Ornamentation had always been a part of the state's architectural heritage, now it became much more opulent. The private wings of the family also extended their entertainment areas. Since defense was no longer a primary concern, larger, more ornamental windows were built to overlook the streets or courtyards outside these wings.

Poornima Hackathon – Themes

The themes of Poornima Hackathon comprises of various aspects from planning and execution of the projects which deal with various academic and non-academic sectors. It is desirable that themes of Hackathon should include the team members from different fields so that the innovation may be on foreground in its implementations. It provides an opportunity to enterprises, corporate and institutions s to face the challenge in terms of execution and planning of any project or problem. Some of themes, which have been dealt with, are as follows:

1. Quality Education in rural and semi urban area in times of pandemic (learning across globe, quality learning, etc.)
2. Waste Management (Garbage collection, converting into compost, Sanitization etc.)
3. Clean Water (water availability and filtration)
4. Renewable Energy (Electricity, Solar power etc.)
5. Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
6. Health Care (Medical facilities, consultation from doctors etc.)
7. Digital Literacy (digital recruitment, digital payments etc.)
8. Smart Communication (Internet Services, Network reachability etc.)
9. Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
10. Ways for easy access to Government Scheme Information portals


RTU-POORNIMA HACKATHON 2021
HEALTH CARE
Smart Bed
& Electronic Health Records
We Want you to
Live Long and Prosper


RTU-POORNIMA HACKATHON 2021
RENEWABLE ENERGY
Innovative Energy Solution
Accelerating The
Future With Smart


RTU-POORNIMA HACKATHON 2021
AGRICULTURE
AND RURAL DEVELOPMENT
IOT Based
Smart Agriculture Solutuions
Think Green Think
Sustdinable Argiculture


RTU-POORNIMA HACKATHON 2021
SMART COMMUNICATION
Create User friendly Tools
The key to Smart Communication
is to be Adaptable


RTU-POORNIMA HACKATHON 2021
SMART VEHICLES
IOT Based
Smart Electric Vehicle
AI
Accelerating The
Future With Smart


RTU-POORNIMA HACKATHON 2021
EASY ACCESS TO
GOVERNMENT SCHEME
Digital India
Accelerating The
Future With Smart

Poornima Hackathon 2021 – Process Flow

The planning and execution Poornima Hackathon followed the below mentioned procedures:

Step 1: Problem Statement Submission

Industries and organizations have provided real world problem statements related to ease of living, upliftment of society, focusing on Technological solution development for villages via mail at piet.hackathon@poornima.org

Step 2: Review of submitted problem statements

Expert committee members from industries, NGOs and academics have reviewed the submitted problem statements and finalized the same for circulation amongst all the aspiring participants...

Step 3: Registration

Teams from different institutions, across India have registered themselves on http://www.hackathon.poornima.org/ along with a consent letter from the institute head on the portal. Team leader have submitted the details of team members along with mentor.

Step 4: Submission of proposed solution to respective Problem Statements

The registered team has submitted the proposed solution, in form a PPT/Video along Abstract of the proposed solution via Google drive to piet.hackathon@poornima.org

Step 5: Solution Scrutiny

Scrutiny team checked the proposed solutions submitted and selected the feasible solution which could be mentored and developed as real-time solution for achieving the objectives of Poornima Hackathon 2021.

Step 6: Final submission and registration

Selected teams were informed via mail and were asked for final submission to submit the process document along with software/ hardware reference model diagrams and requirements of consumables/non consumables (if any) via google drive to piet.hackathon@poornima.org followed by registration for final round to be held at Poornima Institute of Engineering & Technology during March 23-24, 2021

Step 7: Development of solution proposed

Students developed the solution proposed at PIET campus with help of mentors. Mentor support was also provided by PIET for getting quality outcome during the 24 hours period to generate quality solutions.

Step 8: Evaluation

Evaluation's process was divided into three rounds. For each round evaluation was done separately, by team of experts in 3 rounds of 8 hour each, which involved elimination of 20% of the teams at each round. Final 50 teams were selected and 8 teams became winners Five evaluation parameter were used in each round Innovation, technology, Design, Completeness and Benefit to society. Following Rubric was used for evaluation.

Evaluation Parameters Description and Rubric meaning

Evaluation Parameters	Consideration	Scaling level (1 to 5) Score (2, 4, 6, 8, 10) Rubric meaning				
		2	4	6	8	10
Innovation	Includes original invention, creative use. It defines innovation and realization of new ideas, products, services and processes and also supports rural upliftment	Concept of Project is not innovative unique and not new. It does not support rural upliftment	Concept of Project is unique and new but not innovative. project does not support rural upliftment	Concept of Project is innovative and moderately unique. project supports rural upliftment to limited extent	Concept of project is an invention inspired by existing concepts and it is new, impressive and it also supports rural upliftment	Concept of project includes original invention which is unique, new, impressive and supports rural upliftment as well as best suited for rural problem solution
Technology	Technology used should be advanced and sustainable, impressive, particularly clever technique uses many different components to solve problem smartly and also supports rural upliftment	Technology used is not advanced and components utilized are not effective. technology does not support rural upliftment	Technology used is meaningful and components utilized are also some useful but technology does not support rural upliftment	Technolog y used is not smart or clever. The component used are effective in some areas to solve problem but technology supports rural upliftment	Technology used is advanced and impressive. The component used are effective in some areas to solve problem and technology supports rural upliftment	Technology used is advanced, smart, sustainable and impressive. The component used are very effective to solve problem and technology supports rural as well as national policy implementation in rural area
Design	The product design is impressive and intutive.it includes best UX/UI the design of the product expresses its goal of creation and the design is user friendly. Project interface is well designed. also supports rural upliftment	The product design is not good. The design of the product does not express its goal of creation and it is not user friendly and it does not support rural upliftment	The product design is reasonably good. The design of the product does not express its goal of creation but it is user friendly but it does not support rural upliftment	The product design is good. The design of the product expresses its goal of creation and it is user friendly also it supports rural upliftment.	The product design is impressive and pleasing. The design of the product expresses its goal of creation and the design is user friendly. Project interface is well designed. also supports rural upliftment.	The product design is impressive and intuitive. It has got best UX/UI. .It expresses its goal of creation and the design is user friendly. Project interface is well designed. also supports rural upliftment. Design can be used by layman
Completion	Proposed Project idea is implemented completely according to goal along with all modules and has correct outcome as proposed. It fulfils all the criteria as proposed in idea. It also supports rural upliftment after completion.	Proposed Project idea is not implemented completely. It is not fulfilling the criteria as proposed in idea. It does not support rural upliftment.	Proposed Project idea is partially implemented as an outcome. It is fulfilling few of the criteria as proposed in idea. But It does not support rural upliftment.	Proposed Project idea is partially implement ed as an outcome. It is fulfilling a few of the criteria as proposed in idea. It is	Proposed Project idea is implemented completely according to goal along with all modules and has correct outcome as proposed. It fulfils all the criteria as proposed in idea.	Proposed Project idea is implemented completely according to goal along with all modules and has correct outcome as proposed. It fulfils all the criteria as proposed in idea. It also

				supporting rural upliftment.		supports rural upliftment. Product is ready to be deployed to solve real rural problems
Beneficial to Society and has Business values	The product is beneficial for society in some aspects. project should have potential for entrepreneurship and has proper market value, and can attract market. It also supports rural upliftment.	Product does not have any benefit to society and also this project does not have any business values. it does not support rural upliftment.	The product is partially beneficial for society in a few aspects. Project have a few potentials for entrepreneurship and market value in limited areas, where it can attract market. It does not support rural upliftment.	The product is partially beneficial for society in a few aspects. Project has few potentials for entrepreneurship and market value in limited areas, where it can attract market. But It is supporting rural upliftment.	The product is beneficial for society in some aspects. project has a potential for entrepreneurship and market value in global areas, where it can attract market. It also supports rural upliftment to certain extent	The product beneficial for society in some aspects. It can benefit society by offering valuable goods and services. Project has complete potential for entrepreneurship and has proper market value, and can attract market. It also supports rural upliftment as well as national policy implementation.

Step 9: Result declaration

Results analysis were done by Industry Experts, Evaluators & Mentors, in the afternoon session on March 24, 2021 Result was announced on 24/03/2021.

Poornima Hackathon – Problem Statements

A problem statement states an issue which is a briefly described with the conditions to work upon and it later identifies the gap to be fulfilled in further steps. It follows certain parameters to provide it a significant level of understanding the problem and working on it. The statement of problem leads to the decision making for the sake of improved results and their implementation. It describes each process from the selection to finalization of project in team work to get the objective fulfilled.

It needs to have the reality and its proposal as practical implementation is emphasized and stressed in order to achieve the objective of such an activity. The problem statement is referenced throughout the project to establish focus within the project team and verify they stay on track. At the end of the project, it is revisited to confirm the implemented solution indeed solves the problem. A well-defined problem statement can also support to understand why the problem occurred and measures can be taken to prevent it from happening in the future. Poornima Hackathon has given an exposure to highlight the innovations in fields of technicalities and their implementations in respect to society and nation.

Company Name	**Problem Statement**	**Category**	**Problem statement sequence number**	**Track**
Anktech	To develop a mechanism to monitor water distribution from various reservoirs in multiple cities..	HW/SW	PS1	Clean Water
Anktech	To develop digitization plan of action for pipelines used for distribution of water.	HW/SW	PS2	Clean Water
Anktech	To develop a mechanism for monitoring water level and water valves using IoT for control from the centralized location..	HW/SW	PS3	Clean Water
Anktech	Cloud based computer literacy program for schools of Rajasthan and learning behavior analysis of participants .To provide a school based learning to the students while remaining at home..	SW	PS4	Quality Education
Anktech	To develop an ONLINE ecofriendly mechanism to dispose of various types of waste material which can be converted into energy.	HW/ SW	PS5	Waste Management
Theta Electronics	To develop a model for collection of house hold meter readings from central location using LoRA networks.	HW/ SW	PS6	Smart Communication
Anktech	To integrate Pre-Paid Platforms to SCADA Systems for preventing pilferage of electricity.	HW/ SW	PS7	Agriculture and rural upliftment
JSPH	To develop an online system for electronic health records of the citizens of the country with previous medical history.	HW/ SW	PS8	Health Care

JSPH	To develop a DOCTOR ON CALLfacility in ONLINE mode.	HW/ SW	PS9	Health Care
Anktech	To enable mandi, kisan, insurance agency using blockchain for improving the financial health of farmer.	SW	PS10	Agriculture and rural upliftment
theta electronics	To create solution for sowing seeds using drones and IoT in hilly terrain .	HW/SW	PS11	Agriculture and rural upliftment
Anktech	To solve soil cultivation and yield increase per hectare for farmer using technology.	HW/SW	PS12	Agriculture and rural upliftment
Tekseer	To solve irrigation issue using less water through sprinklers and controlled from central location.	HW/SW	PS13	Agriculture and rural upliftment
Tekseer	To create universal framework of central and state government using enterprise architecture to create channels of communication with citizens. Example like Umang App.	SW	PS14	Easy Access to government schemes
Tekseer	Faceless, Cashless interaction with Government agencies.	HW/SW	PS15	Digital Literacy
Theta Electronics	To create IoT based system for smart parking.	HW/SW	PS16	Smart communication
Tekseer	To create user friendly tool for educating elderly persons in rural India.	HW/SW	PS17	Quality Education
Tekseer	To create innovative energy solution from cow dung into energy generation.	HW/SW	PS18	Renewable Energy
JSPH	To create mechanism for off the shelf distribution system for medicines.	HW/ SW	PS19	Health Care
Theta Electronics	To create electric charging stores for refueling electric vehicle.	HW/ SW	PS20	Smart Vehicles
Tekseer	To create smart tools or vehicles for agriculture.	HW/ SW	PS21	Smart Vehicles
Tekseer	To create quality assuring tools for farmed products like fruit, grains, staples, vegetables etc..	HW/ SW	PS22	Agriculture and rural upliftment
Startup Oasis	A system which is use to monitor the solid waste generated every year and transfer it to the respective recycling centers.	Hardware	PS23	Waste Management
Startup Oasis	A mechanism for Equal quantity of water distribution at all consumer ends with Cost-effective mechanism to treat water and to connect rural areas to easily access the sanitation centers..	HW/ SW	PS24	Clean water
Startup Oasis	A common platform for the citizens to share their issues to the government. And pass on the government issued scheme benefits to the beneficiaries, but most beneficiaries are not aware of those schemes and middle man take advantage of such gaps..	Software	PS25	Ways for easy access to government schemes information portals
Startup Oasis	Management Information System (MIS) software for NGOs. The software needs to capture information related to nearby NGOs, Self help groups(SHG)..	Software	PS26	Ways for easy access to governments schemes information portals

Poornima Institute of engineering and technology	IOT based smart agricultural system to provide all info to farmers from their fields on mobile and web server ,helpful for farmers to increase quality product and crops..	Hardware	PS27	Agriculture and rural devlopment / smart communications
Poornima Institute of engineering and technology	Enhancing English speaking skills among rural area..	Software	PS28	Quality Education
Poornima Institute of engineering and technology	To create a system for development of infrastructure like (electricity, energy, transportation and internet)..	Software/Hardware	PS29	Smart communication / Smart vehicles
JSPH	IOT base enabled wireless monitoring and prediction system for heart patients to prevent total heart attack. .	HW/ SW	PS30	Health Care
JSPH	Cloud based model for the analysis and sharing health information of patients across various hospital and provide good health opportunities to the patients ..	Software	PS31	Health Care
Poornima Institute of engineering and technology	Digital Literacy for Rural Upliftment..	Software	PS32	Digital Literacy
Poornima Institute of engineering and technology	Planning for long-term waste management, immediate sanitation solutions. .	Software/Hardware	PS33	Waste Management
JSPH	Strengthening coordination across health care institutions (public and private) to build a robust ecosystem. .	Software	PS34	Health Care
Anktech	To create a system for faster and effective system for soil testing. .	HW/SW	PS35	Agriculture and rural upliftment
Jodhpur Institute of Engineering and Technology	To develop a platform, which will cater to the needs of the people. These platforms should be well equipped with up-to-date technologies, expertise so that these are easily accessible by the policy makers and beneficiaries..	HW/SW	PS43	Agriculture and village upliftment
Jodhpur Institute of Engineering and Technology	To create a national level database in the areas of energy, Environment, Housing, water supply, Sanitation, Roads, Rural industries, Food processing, Nutrition, Agriculture, soil conservation etc. So that people in need can directly communicate with the experts in those fields..	HW/SW	PS42	Agriculture and village upliftment
Jodhpur Institute of Engineering and Technology	To create a community platform for rural people and a pool of professionals, to share their respective problems and solutions..	HW/SW	PS41	Agriculture and village upliftment

Jodhpur Institute of Engineering and Technology	System for providing proper fertilizers, manures and other nutrition's timely as the crop needs on the basis of climate, soil type etc.	HW/SW	PS40	Agriculture and village upliftment
Jodhpur Institute of Engineering and Technology	IOT based smart agricultural system to provide all info to farmers from their fields and crops on mobile and web servers, helpful for farmers to increase quality products and crops..	HW/SW	PS39	Agriculture and village upliftment
Jodhpur Institute of Engineering and Technology	To create a System for planning the cropping pattern, plantation and maintenance of the crops for the better yield..	HW/SW	PS38	Agriculture and village upliftment
Anktech	To create a system which is based on prediction model and can predict weather, rain forecasting. for society.	HW/SW	PS37	Agriculture and village upliftment
Poornima Institute of Engineering and Technology	To create a system to translation from one natural language (English) to another (Hindi) or vice versa, It may also have speech to text, text to speech conversion, classification tasks, designing catboats etc..	HW/SW	PS36	Digital Literacy

Participating Government Departments

Participating Government Departments (To be updated every Monday):

- ***MoE, INDIA***
- ***AICTE, INDIA***
- ***RAJASTHAN TECHNICAL UNIVERSITY, KOTA***

Participating Industries & Organizations

For the smooth conduction of Poornima Hackthon, 2021, a support from industries & similar organizations has been taken for problem identification, mentor support, jury member support and sponsoring the prize money for deserving candidates. Further MIT Innovation Initiative, Unilever, Flipkart, Medanta, Godrej, Zomato, Apollo, Genpact, IBM, AWS, Philips, Microsoft, Google and similar organizations have alos provided a helping hand and utmost support and all these organizations focuses on rural India. The role of industries in Hackathon is significant due to the following factors:

- Sharing of challenges at both the levels
- Fulfillment of mentor requirements
- Interaction on regular basis with utmost support to team
- Providing financial assistance for project execution
- Finding the Best solution of the problems working in a team

Board of Advisors:

- Dr. R.A. Gupta, Vice Chancellor, Rajasthan Technical University
- Anil Purohit, Global Public Health Specialist, Massachusetts, United States
- Freddy Nguyen, Co-Director, MIT COVID-19 Challenge
- Mathew Samuel, Data Scientist at Facebook
- Rao Venkatramana Mantri, Vice President and Head, Drug Product Development at Bristol-Myers Squibb
- Kushal Gohil, Organizer, Mentor and Partner, MIT COVID-19 Challenge
- Dr. Puneet Sharma, Media Advisor, Smart India Hackathon 2020, Anchor DD National
- Rahul Singhi, Director, Poornima Group
- Sumit Srivastava, Founder, Startup Chaupal
- Abhishek Gupta, Associate State Operations, Startup Oasis, Jaipur.

Organizing Committee

- Dr. Deepak Bhatia, Professor, Rajasthan Technical University
- Dr. Dinesh Goyal, Principal & Director, Poornima Institute of Engineering & Technology

Executive Committee

- Dr. Gautam Singh, Registrar & Chief Proctor
- Deepak Moud, HOD, Department of Computer Engineering
- Manish Bhardwaj, Assistant Professor
- Dr. Pran Nath Dadheech, HOD, Department of Civil Engineering
- Udit Mamodia, Assistant Professor,
- Saurabh Agarwal, Assistant Professor

List of mentors

S. No.	NAME	ORGANISATION NAME
1	Rajendra Lora	Frshokartz
2	Rupam Gupta	ARNAV Greentech Innovation
3	Devesh Rakheja	Marwari Catalysts Ventures
4	Vivek Dahiya	Boudhik Ventures
6	Ashish Khare	MentorKart
7	Akhilesh Trivedi	Startup Mantra
9	Pooja Vijay	Pink Paddles
10	Nitin	Sharda University
11	Sandeep Bhargav	Rawattech
12	Yogendra	Forsk lab
13	Ankit Chhajed	Awakey Tech Pvt. Ltd.
14	B. S Ratiya	DVS Industrial Hub Technology
15	Shipra Gupta	Senior Manager Global Sales and Marketing @OttonomylO
16	Dr. Ruchi Goyal	JECRC, Jaipur
17	Dr. Pallavi Chaudhary	Entrepreneurship specialist and an incubation expert

Student Committee

Students' Council, Poornima Institute of Engineering & Technology

Training Imparted

SECTION 1: Planning for Effective Project Readiness - Module 1	SECTION 15: Best Practices of Software Testing	SECTION 29: Overview of Arduino Module 2
SECTION 2: Planning for Effective Project Readiness - Module 2	SECTION 16: Data Analytics with Python Module 1	SECTION 30: Overview of Raspberry PI Module 1
SECTION 3: Research Methodology	SECTION 17: Data Analytics with Python Module 2	SECTION 31: Overview of Raspberry PI Module 2
SECTION 4: Mind Mapping Module 1	SECTION 18: Overview of Machine Learning Module 1	SECTION 32: Presentation and Communication Skills Module 1
SECTION 5: Mind Mapping Module 2	SECTION 19: Overview of Machine Learning Module 2	SECTION 33: Presentation and Communication Skills Module 2
SECTION 6: Brainstorming for Defining Ideas Module 1	SECTION 20: Overview of Node Js Module 1	SECTION 34: Insights into Patents and IPR
SECTION 7: Brainstorming for Defining Ideas Module 2	SECTION 21: Overview of Node Js Module 2	SECTION 35: Rapid Prototyping
SECTION 8: Fundamentals of Design (Design Thinking)	SECTION 22: Overview of Angular Module 1	SECTION 36: Block chain Beyond Cryptocurrencies
SECTION 9: Fundamentals of Design (Product Design)	SECTION 23: Overview of Angular Module 2	SECTION 37: Data Analytics
SECTION 10: Fundamentals of Design (User Experience)	SECTION 24: Overview of React Native Module 1	SECTION 38: Overview of Core Java (Part 1)
SECTION 11: Version Control Module 1	SECTION 25: Overview of React Native Module 2	SECTION 39: Overview of Core Java (Part 2)
SECTION 12: Version Control Module 2	SECTION26: Overview of Android App Development Module 1	SECTION 40: Agile & Scrum
SECTION 13: Software Architecture Module 1	SECTION27: Overview of Android App Development Module 2	SECTION 41: Block chain Fundamentals and Ethereum
SECTION 14: Software Architecture Module 2	SECTION 28: Overview of Arduino Module 1	SECTION 42: Robotic Process Automation (RPA)

Online Learning Resources

Overview of Python - https://youtu.be/D2SkCdNZW0 8	SQL queries - https://youtu.be/ZWkWPJMVyfs	India stack for innovative solutions - https://www.facebook.com/watch/?v=180356212 3244165
Overview of Android - https://youtu.be/YR_KUOjbQiE	Overview of Core Java-1 - https://youtu.be/ixDYNZWt7IY	Key thing to consider your solution - https://www.facebook.com/watch/?v=180758965 2841412
Introduction to User Experience Design - https://youtu.be/6jvFWzgMws0	Overview of Core Java-2 - https://youtu.be/Sxq_jEAGsgg	Design Thinking - https://www.facebook.com/watch/?v=183584600 6682443&t=0
Data analytics and reporting - https://youtu.be/AqWlrR_6Kxc		

Brief Report

This hackathon aimed to raise the standard of living in rural India and the overall development of villages in India. It was to bring together all streams of engineering to deliberate on the innovation and technological advancement in developing smarter technologies for building efficient, sustainable, and livable villages in India. The theme of RTU- POORNIMA HACKATHON 2021 was "Role of Engineers in Innovation and Technological Advancement for village upliftment". The emphasis of Hackathon was on quality education, waste management, availability of clean water, renewable energy sources, agriculture, rural development, health care, digital literacy, smart communication, smart vehicles, easy access to government schemes, etc. The event will play a vital role in harnessing creativity, fueling imagination and funneling for self-reliant India, improving governance, and empowering farmers and citizens.

Journey started with the registration process, that was started in mid-February. Approx. 1700 registrations were received from cities like Pune, Maharashtra, Tamil Nadu, Noida, Udaipur, Jodhpur, etc. out of which 50% registrations were from out of Rajasthan, 30% registrations were from other institutions in Rajasthan and 20% registrations are from the Poornima group of colleges. Students from different colleges like The North Cap University, SRM University, Manipal University, Amity University, Panipat Institute of Engineering and Technology have registered in RTU Poornima Hackathon.

I am glad to inform to inform that 109 teams have reported for this event. First session was held virtually at Arbuda Convection Centre on March 22, 2021 at 10:30am. It was conducted by Ms. Hina Azad, Trainer Behavioral, Infosys. on "Creative Confidence". The second session was conducted in Arbuda Convention Centre at 12:05pm on "How to Validate a Startup Idea" by Abhishek Gupta, Assistant Manager, Startup Oasis' Innocity

I am glad to informed you that in the Inaugural ceremony on 23rd March 2021 has been graced by many renowned dignitaries in offline as well as in online mode namely Dr. R.A. Gupta (Vice-Chancellor, RTU), Dr. Mohit Gambhir (Director, Innovation Cell, GOI), Dr. Ramanathan Ramana (Mission Director, Atal Innovation Mission, Niti Aayog, GOI), Smt. Mugdha Sinha (IAS, Government of Rajasthan) and Dr. Puneet Sharma (Program Head, DD National). They all had motivated our participants with their words.

For Evaluations, we have conducted three rounds, every round was elimination round. Total 109 teams were evaluated in three rounds. Evaluation was conducted on Innovation, completion, Design, Technology and Benefits to society and business value parameter. Teams from JSPM's Jayawant rao Sawant College of Engineering, Pune, National Institute of Technology, Silchar and GD GOENKA UNIVERSITY were declared winner of hackathon in valedictory function.

Poster of Hackathon 2021

RAJASTHAN TECHNICAL UNIVERSITY, KOTA (ATU) TEQIP-III SPONSORED

RTU-POORNIMA HACKATHON 2021

March 23-24, 2021

JOINTLY ORGANIZED BY

RTU, Kota & POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY

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

RANKED 3rd RTU QIV Ranking

"Role of Engineers in Innovation and Technological Advancement for Village Upliftment"

COMMITTEES

PATRON

- **Dr. R.A. Gupta**
  Vice Chancellor, Rajasthan Technical University

BOARD OF ADVISORS

- **Prof. Dhirendra Mathur** RTU-TEQIP-III Coordinator
- **Dr. Harish Sharma,** Nodal officer Academic, RTU
- **Dr. S. D. Purohit,** Nodal Officer Finance, RTU
- **Prof. Anil Purohit,** Global Public Health Specialist, Massachusetts, United States
- **Prof. Freddy Nguyen**
  Co-Director, MIT COVID-19 Challenge
- **Prof. Mathew Samuel**
  Data Scientist at Facebook
- **Prof. Rao Venkatramana Mantri**
  Vice President and Head, Drug Product Development at Bristol-Myers Squibb
- **Prof. Kushal Gohil,** Organizer,
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- **Dr. Puneet Sharma,** Media Advisor, Smart India Hackathon 2020, Anchor DD National
- **Ar. Rahul Singhi,** Director, Poornima Group
- **Mr. Sumit Srivastava,** Founder, Startup Chaupal
- **Mr. Abhishek Gupta,** Associate State Operations, Startup Oasis, Jaipur

ORGANIZING COMMITTEE

- **Dr. Deepak Bhatia,** Professor,
  Rajasthan Technical University, Kota
- **Dr. Dinesh Goyal,** Principal & Director,
  Poornima Institute of Engineering & Technology

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- **Mr. Udit Mamodiya,** Assistant Professor,
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- **Mr. Ayush Goyal,** Assistant Professor,
  Department of Civil Engineering
- **Mr. Mohit Bajpai,** Assistant Professor, Department of Electronics & Communication Engineering

STUDENT COMMITTEE

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  Poornima Institute of Engineering & Technology

POORNIMA HACKATHON THEMES

- **Quality Education in rural and semi urban area in times of pandemic (learning across globe, quality learning, etc.)**
- **Waste Management (Garbage collection, converting into compost, Sanitization etc.)**
- **Clean Water (water availability and filtration)**
- **Renewable Energy (Electricity, Solar power etc.)**
- **Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)**
- **Health Care (Medical facilities, consultation from doctors etc.)**
- **Digital Literacy (digital recruitment, digital payments etc.)**
- **Smart Communication (Internet Services, Network reachability etc.)**
- **Smart Vehicles (smart transportations, smart tools for agriculture, etc.)**
- **Ways for easy access to Government Scheme Information portals**

IMPORTANT DATES

Solution Submission	:	March 05, 2021
Acceptance Notification	:	March 08, 2021
Registration Process ends on	:	March 17, 2021
Hackathon Zero Day	:	March 22, 2021
Inauguration of Hackathon	:	March 23, 2021
Solution Development	:	March 23 & 24, 2021
Result Declaration and Prize Distribution Ceremony	:	March 24, 2021

REGISTRATION

- **No Registration Fee** involved, Registered Participants will get participation certificate along with POORNIMA HACKATHON 2021 **Bag, T-Shirt, Notepad, Pen and ID Card.**

Prize Money Prize Worth ₹ 1.50 Lakh*

PARTICIPATING INDUSTRIES & ORGANIZATIONS

MIT innovation initiative, JSPH, Flipkart, Godrej, IBM, PHILIPS, Microsoft, Google, Infosys, genpact, Celebal tech, Apollo HOSPITALS, Pinnacle Infotech, zomato, metacube, A3logics, Cognizant, Capgemini, Unilever, medipulse, Red Hat

FOR MORE DETAILS CONTACT

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8955046660 • 9694802324

FOR FURTHER DETAILS

piet.hackathon@poornima.org
www.hackathon.poornima.org

/PoornimaInstitute /piet_jaipur /piet_jaipur /poornima-group-of-colleges

RAJASTHAN TECHNICAL UNIVERSITY, KOTA (ATU) TEQIP-III SPONSORED

RTU-POORNIMA HACKATHON 2021

March 23-24, 2021

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RANKED 3rd RTU QIV Ranking

"Role of Engineers in Innovation and Technological Advancement for Village Upliftment"

GOODIES WORTH APPROX ₹ 500/-

REGISTRATION

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Prize Money — Prize Worth ₹ 1.50 Lakh*

IMPORTANT DATES

Solution Submission	:	March 05, 2021
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RAJASTHAN TECHNICAL UNIVERSITY, KOTA (ATU) TEQIP-III SPONSORED

RTU-POORNIMA HACKATHON 2021 & STARTUP INNOVATION CONTEST

March 23-24, 2021

JOINTLY ORGANIZED BY

RTU, Kota & POORNIMA INSTITUTE OF ENGINEERING & TECHNOLOGY

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

Accredited by National Board of Accreditation NBA

RANKED 3rd RTU QIV Ranking

"Role of Engineers in Innovation and Technological Advancement for Village Upliftment"

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- Last Date of Solution Submission **March 05, 2021**

Prize Money Prize Worth ₹ 1.50 Lakh*

GOODIES WORTH APPROX ₹ 500/-

SUPPORT FOR STARTUP

FOR MORE DETAILS CONTACT

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Hackathon Schedule

DATE	S.No,	Activity	Time
22nd March 2021	1	Key Note Session 1	12:00 PM – 3:00 PM
	2	Key Note Session 2	
23rd March 2021	4	Registration	8:30 AM – 10:00 AM
	5	Seat Allocation/ Breakfast	
	6	Inaugural Ceremony	11:00 AM – 12:30 PM
	7	Deployment of Solutions	12:30 PM onwards
	8	Lunch	1:30 PM – 2:30 PM
	9	Ist Round Of Mentoring / Assessment	5:00 PM
	10	Dinner	7:00 PM
	11	Musical Eve	9:00 PM onwards
24th March 2021	14	Break Fast	8:00 AM
	15	IIrd Round Of Mentoring / Assessment	8:30 AM-11:30AM
	16	Final Evaluation	12:30 AM – 2:00 PM
	17	Lunch	1:30 PM
	18	Result Declaration / Veledictory	2:30 PM-3:30 PM
	19	Certificate Distribution	3:30 PM-4:00 PM

Start innovation Contest Process

Poornima Startup Innovation Contest (Sponsored by TEQIP-III) is jointly organized by Rajasthan Technical University, Kota and Poornima Institute of Engineering and Technology, Jaipur.
Poornima Startup Innovation contest invited students with brilliant startup ideas to see:-

- Are they an innovation freak?
- Do they have an innovative idea?

This was a two day event where:-

Day-1 shortlisted entries went go for Training and Pitching followed by selection of Top Startups.
Day-2 Final round conducted and Awards & certificates were given.

This contest consist of following tracks where a student may put his innovative idea.

Startup Innovation Contest – Process Flow

- **Entry**-Registration / Application in Startup Contest
- **Shortlisting-Shortlisting of startups / ideas for Training and Pitching**
- **Training & Pitching- Training program for the shortlisted entries**
- **Awards & Certificate-Award & Certificate distribution in a ceremony**

- **Finale Rounds- Pitches by top startups selected in the finale rounds**
- **Selection of Top Startup- Selection of Top startups from pitching rounds**

Zero-day Schedule

Day & Date: Monday, 22 March, 2021
Time: 10:00 AM- 1:00 PM
Venue: Arbuda Convention Centre, PIET Campus
Event Co-ordinator: Dr. Rekha Jain

Sr. No	Activity	Time
1	**Key Note Session-1 by Ms. Hina Azad On "Creative Confidence" through Virtual Plateform (Cisco Web**	10:00 AM -12:00 Noon
2	Welcome of Dignitaries by Akshita & Saloni (Offline Mode)	12:05 PM -12:15 PM
2.	**elicitation of Guest and Dignitaries** 1. Presentation of Bouquet & Memento to Mr. Abhishek Gupta, Assistant Manager, Startup Oasis' Innocity 2. Presentation of Bouquet & Memento to Mr. Rupam Gupta,	12:15 PM -12:20 PM By Dr. Dinesh Goyal, Principal &Director, PIET By Mr. Deepak Moud, HOD, CSE, PIET
3	rief Introduction of Mr. Abhishek Gupta, Assistant Manager, Startup Oasis' Innocity by Akshita	12:20 PM -12:25 PM
4	**Key Note Session-2** by Mr. Abhishek Gupta, Assistant Manager, Startup Oasis' Innocity on **"How to Validate a Startup Idea"**	12:25 PM -1:00 PM

First session was held virtually at Arbuda Convection Centre on March 22, 2021 at 10:30am. It was being conducted by **Ms. Hina Azad** on **"Creative Confidence".**

She started in the manner that what will happen if you don't have confidence in your innersoles. Brainstorm ideas and ideate the value propositions may be innovative and different from others in the market. In the seminar even the importance and the necessity of the Entrepreneurship (globally) was described.

The second session was being taken by Mr.Abhishek Gupta, Assistant Manager, Startup Oasis' Innocity on March 22, 2021 in Arbuda Convention Centre at 12:05pm on the Topic "**How to Validate a Startup Idea**"

He briefed us about Hackathon stating that how come it is important, how to focus on it.

Startup basically means that right figuring of things. Mind is very explorative, how can we proceed further on the idea by comparing hackathon and exploration of ideas.


POORNIMA GROUP

Inaugural Function

The day started with the arrival of participants from the across the nation, the various dignitaries and the faculty members at the venue at 11:00 am at the Arbuda convention center. The inaugural ceremony had it's starting few minutes, enlightened by a speech by Dr. Neeraj Jain, motivating the students. He enlightened the participants and the audience on, developing a vision on the worldly perspective, that how we need to understand the varied perspectives and work accordingly. He also with reference talked about how Hackathon would help in widening the vision and hence concluded his speech with a note of thanks.

Next was a welcome speech for the dignitaries which was presented by Dr. Ritu Soryan. The many esteemed personalities were welcomed with a brief of their many achievements and hence the ceremony proceeded.

The next stop in the event was a Ganesh Vandana, dance performance presented by Ms. Meghana Mathur which received an amazing response from the crowd, and a huge round of applause.

The following dignitaries were welcomed and invited to dais by Dr. Ritu Soryan , Prof. (Dr.) R.A. Gupta, Dr. Mugdha Sinha, Dr. Ramanathan Ramanan, Dr. Mohit Gambhir, Dr. Puneet Sharma, Dr. Dhirendra Mathur, Dr. Deepak Bhatia, Dr. Dinesh Goyal, Mr. Rahul Singhi

The next event was the Lamp Lighting by Dr. Dinesh Goyal, Director& Principal, PIET, Jaipur and the hon'ble members of the dais, with Saraswati Vandana.

Plant saplings and Mementos were presented so as to felicitate guests and dignitaries, Prof. (Dr.) R.A. Gupta, Dr. Mugdha Gupta, Dr. Ramanathan Ramanan, Dr. Mohit Gambhir, Dr. Dhirendra Mathur, Dr. Puneet Sharma, Dr. Deepak Bhatia. A welcome address and Hackathon Report Presentation by Host Institute Coordinator Dr. Dinesh Goyal, Director & Principal, PIET.

Dr. Deepak Bhatia, Guest & Coordinator, Hackathon, RTU Kota , gave his best wishes to all the participants present and motivated them on the task they had taken upon.

Dr. Puneet Sharma, Special Guest, Program Host Doordarshan , Media advisor Smart India, Hackathon, MHRD, New Delhi, Advertisements & Short Films, addressed the students and the participants on the worth of this opportunity.

Mr. Rahul Singhi, Director, Poornima Group, encouraged the participants and gave them his best wishes for their future endeavors.

Prof. (Dr.) Dhirendra Mathur, Special Guest & TEQIP-III Coordinator RTU, Kota gave his best wishes and blessings to the participants.

Dr. Mohit Gambhir, Guest of Honor, Innovation Director, MHRD Innovation Cell, Govt. of India addressed the students and participants so as to look upon the challenges as opportunities.

Dr. Ramanathan Ramanan, Guest of Honor, Mission Director, Joint Secretary, Atal Innovation, Mission, NITI Aayog, gave special blessings and his best wishes.

Dr. Mugdha Sinha, Guest of Honor, IAS, Department of Science & Technology, Jaipur, Rajasthan addressed the audience and the participants about cashing the opportunities.

Words of wisdom were given by Prof. (Dr.) R.A. Gupta, Chief Guest, Patron and Hon'ble Vice Chancellor, RTU Kota.

In the ending hours of the event, a Vote of thanks was given by Mr. Manish Bhardwaj, Faculty coordinator, Hackathon, PIET.

The inaugural event ended with a thank you note and best wishes to all the participating teams, and outgoing of dignitaries, faculty members and the participating teams as well as the students.

Inaugural Function-Q-Sheet

Day & Date: Tuesday, 23 March, 2021
Time: 11:00AM – 12:30 PM
Venue: Arbuda Convention Centre, PIET Campus
Event Co-ordinator: Dr. Ritu Soryan
Zoom Link to Join (For Online): http://tiny.cc/kozutz

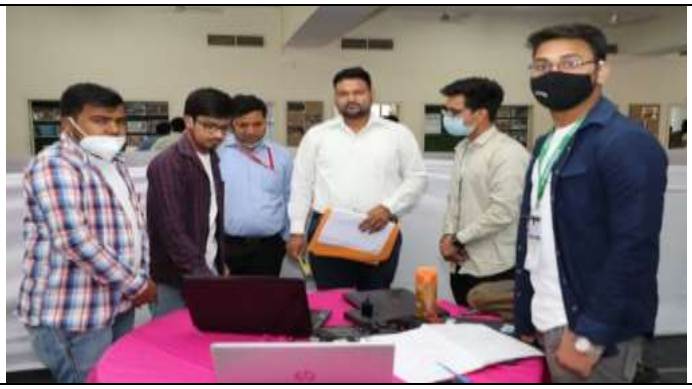
S. No	Program	Time
1	**Arrival of Dignitaries, Faculty members and Participants at Venue**	11:00 AM-11:05 AM
2	**Welcome of Dignitaries** by Dr. Ritu Soryan	11:05 AM - 11:10 AM
3	**Ganesh Vandana** by Ms. Meghna Mathur	11:10 AM - 11:15 AM
4	**Welcoming and Inviting guest to dais by Dr. Ritu Soryan** 1. Prof. (Dr.) R.A.Gupta, Chief Guest, Patron & Hon'ble Vice Chancellor, RTU Kota 2. Dr. Mugdha Sinha, Guest of Honour, IAS, Department of Science & Technology, Jaipur, Rajasthan 3. Dr. Ramanathan Ramanan, Guest of Honour, Mission Director, Joint Secretary, Atal Innovation Mission, NITI Aayog. 4. Dr. Mohit Gambhir, Guest of Honour, Innovation Director, MHRD Innovation Cell, Govt. of India. 5. Dr. Puneet Sharma, Special Guest, Program Host Doordarshan, Media Adviser Smart India, Hackathon, MHRD, New Delhi, Advertisement & Short Films 6. Dr. Dhirendra Mathur, Special guest, TEQIP-III Coordinator, RTU Kota 7. Dr. Deepak Bhatia, Guest & Coordinator Hackathon, RTU, Kota 8. Dr. Dinesh Goyal, Principal & Director, PIET, Jaipur 9. Mr. Rahul Singhi, Director, Poornima Group	11:15 AM - 11:20 AM
5	**Lighting of Lamp by Dignitaries at Dias with Saraswati Vandana**	11:20 AM - 11:25 AM

6	**Felicitation of Guest and Dignitaries** 1. Presentation of Plant Sapling & Memento to Prof. (Dr.) R. A. Gupta, Chief Guest, Patron & Hon'ble Vice Chancellor, RTU Kota 2. Presentation of Plant Sapling & Memento to Dr. Mugdha Sinha, Guest of Honour, IAS, Department of Science & Technology, Jaipur, Rajasthan 3. Presentation of Plant Sapling & Memento to Dr. Ramanathan Ramanan, Guest of Honour, Mission Director, Joint Secretary, Atal Innovation Mission, NITI Aayog. 4. Presentation Plant Sapling & Memento to Dr. Mohit Gambhir, Guest of Honour, Innovation Director, MHRD Innovation Cell, Govt. of India. 5. Presentation of Plant Sapling & Memento to Dr. Dhirendra Mathur, Special Guest & TEQIP-III Coordinator, RTU Kota 6. Presentation of Plant Sapling & Memento to Dr. Puneet Sharma, Special Guest, Program Host Doordarshan, Media Adviser Smart India, Hackathon, MHRD, New Delhi, Advertisement & Short Films 7. Presentation of bouquet & memento to Dr. Deepak Bhatia, Coordinator Hackathon, RTU, Kota	**11:25 AM - 11:35 AM** By: Dr. Dinesh Goyal, Principal &Director, PIET By: Dr. Deepak Bhatia Coordinator, RTU Hackathon By: Dr. Dinesh Goyal, Principal &Director, PIET By: Dr. Deepak Bhatia Coordinator, RTU Hackathon By Dr. Pran Nath Dadhich, HOD, Civil, PIET By Mr. Deepak Moud HoD, CSE, PIET By Dr. Sama Jain, HOD, I Year, PIET
7	Welcome Address and Hackathon Report Presentation by Host Institute Coordinator Dr. Dinesh Goyal, Principal & Director, PIET	11:35 AM - 11:40 AM
8	Best wishes from Dr. Deepak Bhatia, Guest & Coordinator Hackathon, RTU, Kota	11:40 AM - 11:45 AM
9	Address by Dr. Puneet Sharma, Special Guest, Program Host Doordarshan, Media Adviser Smart India, Hackathon, MHRD, New Delhi, Advertisement & Short Films	11:45 AM - 11:55 AM
10	Address by Mr. Rahul Singhi, Director, Poornima Group	11:55 AM - 12:00 Noon
11	Blessings by Prof. (Dr.) Dhirendra Mathur, Special Guest & TEQIP-III Coordinator RTU, Kota	12:00 Noon - 12:05 PM
12	Address by Dr. Mohit Gambhir, Guest of Honour, Innovation Director, MHRD Innovation Cell, Govt. of India.	12:05 PM - 12:10 PM
13	Special Blessings by Dr. Ramanathan Ramanan, Guest of honour, Mission Director, Joint Secretary, Atal Innovation Mission, NITI Aayog.	12:10 PM - 12:15 PM
14	Address by Dr. Mugdha Sinha, Guest of Honour, IAS, Department of Science & Technology, Jaipur, Rajasthan	12:15 PM - 12:20 PM
15	Words of Wisdom by Prof. (Dr.) R. A. Gupta, Chief Guest, Patron & Hon'ble Vice Chancellor, RTU Kota	12:20 PM - 12:25 PM
16	Vote of Thanks by Mr. Manish Bhardwaj, Faculty coordinator, Hackathon, PIET	12:25 PM - 12:28 PM
17	Outgoing of Dignitaries, Faculty members and Students	12:28 PM - 12:30 PM
18	High Tea	12:30 PM

Inaugural Function Glimpses

First Round of Evaluation

The evaluation started at 5pm, on 23rd March. The judges went to the participants to check their projects which they did under the given time frame. The evaluation was based on the fact on how the participants over came the given problem statements. All the team members who worked really hard explained what their project was and how it worked. they also told them about the problems they faced, and how they overcame those problems to give an optimal solution. The judges were both surprised and impressed over the efforts made by the students and the solutions given by them. After the evaluation the judges wished everyone luck for the next round and with that the first round of evaluation ended.



RTU Poornima Hackathon took place Clean Water, Quality Education & Renewable Energy in Civil Department where there were 15 teams of Quality Education and 6 teams of Clean Water with Renewable Energy. Teams were focusing on how they would start making working projects will be enabled, tension on their faces whether there projects would reach to their level which is being expected. There were many problems being faced by the participants but they overcome all the problems during the Hackathon. The discussion was going on among team mates, how would they complete their projects in a well-mannered. It's well stated that "Working with confidence, cool motion and enthusiasm leads both the things to success".


This was happening at the PBIC centre. Groups were zeroing in on how they would begin making functioning undertakings will be empowered, strain on their faces whether there activities would reach to their level which is being normal. There were numerous issues being looked by the members yet they conquer every one of the issues during the Hackathon. The conversation was going in among colleagues, how might they complete their undertakings in a respectful. It's very much expressed that "Working with certainty, cool movement and eagerness leads both the things to progress".


Another event took place at the Training & Placement Office. Gatherings were focusing in on how they would start making working endeavors will be engaged, strain on their faces whether there exercises would reach to their level which is being typical. There were various issues being looked by the individuals yet they vanquish all of the issues during the Hackathon. The discussion was going in among associates, how should they complete their endeavors in a conscious. It's especially communicated that "Working with sureness, cool development and enthusiasm leads both the things to advance".


Musical Eve

Musical Evening was organized on 23/03/2021. All the participants have enjoyed it. It was nice break for all the participants to burst out and to focus later on development

Second Round Of Evaluation

The assessment began at 8:30 am, on 24th March. The appointed authorities went to the members to check their activities which they did under the given time period. The assessment depended on the reality on how the members overcame the given issue articulations. All the colleagues who buckled down clarified what their venture was and how it functioned. They likewise informed them concerning the issues they confronted, and how they defeated those issues to give an ideal arrangement. The appointed authorities were both shocked and intrigued over the endeavors made by the participants and the arrangements given by them. After the assessment the appointed authorities wished everybody karma for the following round and with that the first round of assessment finished.

Final Round Of Evaluation

In Final evaluation the participants who overcame round 1 and 2 gave their best with their final presentation in front of our esteemed judges. When the participants were presenting their final projects, the idea on which their projects were based which solved the general issues and problem statements provided to them were really appreciated by the judges. This was the end of the whole event after which the students went on with the valedictory ceremony.

Valedictory and Award Ceremony

The Valedictory program started with felicitation of Chief Guests. Participants were asked for their feedback regarding the 24hr long event. Some of the participants talked about how this hackathon helped them to gain knowledge, new and exciting information, insights and experience. The program was then followed by the words of wisdom by Dr. Deepak Moud, Hod Computer Science and Engineering Department. He talked to the participants about how these problems prepare us in real life and how the theme based on the innovation of villages can play be a huge role in the transformation of the country. He then thanked all the participants for their participation, their ideas and their amazing projects.

Further down the program Dr. Dinesh Goyal, Director Poornima Institute Of Engineering and Technology extended his thanks to the participants and the whole team involved with RTU Poornima Hackathon 2021, who made this event big and possible despite all the issues faced with Covid being the biggest issue of all.

After this the prize distribution ceremony began and all the participants who gave their best and proved their ideas can make a bigger difference were called up on stage to celebrate their victory.

In the end Manish Bharadwaj, Chief Co-ordinator RTU Poornima Hackathon 2021 extended the vote of thanks to all the participants and he congratulated his team for making this event possible. He encouraged everyone with his words and made a statement on no matter how many issues we may face, we can always count on the people we work with to make thing happen.

Q-Sheet for Valedictory Ceremony

Day & Date: Wednesday, 24 March, 2021
Time: 3:00 PM – 3:50 PM
Venue: Arbuda Convention Centre, PIET Campus
Event Co-ordinator: Ms. Pooja Sharma

S. No.	Activity	Time
1	Arrival of Dignitaries, Faculty members and Participants at Venue	**3:00 PM-3:05 PM**
2	Welcome of Dignitaries, Faculty members and Participants by Ms. Meghna Mathur	**3:05 PM-3:10 PM**
3	Welcoming of Dignitaries by Ms. Meghna Mathur 1. Sh. Yashpal Soni, Chief Guest, Head, Digital & Business Transformation, Digital India, New Delhi 2. Dr. Dinesh Goyal Dr. Dinesh Goyal, Principal & Director, PIET, Jaipur 3. Dr. Gautam Singh, Registrar, PIET, Jaipur	**3:10 PM-3:15 PM**
4	**Felicitation of Guest** Presentation of Plant Sapling & Memento to Sh. Yashpal Soni, Chief Guest, Head, Digital & Business Transformation, Digital India, New Delhi	**3:15 PM-3:20 PM** By Dr. Dinesh Goyal, Principal &Director, PIET
5	Hackathon Report Presented by Mr. Deepak Moud, Head , Department of CSE, PIET, Jaipur	**3:20 PM-3:25 PM**
6	Blessings by Sh. Yashpal Soni, Chief Guest, Head, Digital & Business Transformation, Digital India, New Delhi	**3:25 PM-3:35 PM**
7	Prize Distribution to Winners by Sh. Yashpal Soni, Chief Guest • Second Runner up • First Runner Up • Winner	**3:35-3:45 PM**
8	Vote of Thanks by Mr. Manish Bhardwaj, Faculty coordinator, Hackthon, PIET	**3:45 PM-3:50 PM**
9	Departure of Dignitaries, Faculty members and Students	**By 3:50 PM**

List of Winners

S. No.	Team ID.	Institution Name	Team Members	Position
1	RPH2021ARD#22	JSPM's Jayawantrao Sawant College of Engineering, Pune	Bhunesh argnoor, siddhayya mathapati, tejas ambekar, pratik ghodake	**First Prize**
2	RPH2021SC#86.	National Institute of Technology, Silchar	Sabuj saikia, dhiman seal, prantik sarkar,	**First Prize**
3	RPH2021DL#34	GD GOENKA UNIVERSITY	Shriyanshi Saxena, vishal bhardwaj, Suit,	**First Prize**
4	RPH2021DL#170	Poornima group of institutions	Mohan gayen, Sunil Sharma, Saloni Jain,	**Second Prize**
5	RPH2021ARD#15	Sri Sairam Institute of Technology	Abhishek verma , sankhasubhra nandi, garvit d jain, anupam ghosh	**Second Prize**
6	RPH2021SC#79	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Shourjya hazra, rohit kumar, saurav kumar gupta, mayurakshya paul	**Second Prize**
7	RPH2021HC#136	Poornima College of Engineering	Himanshu singh, jaswant mehta, khushbu pareek, kinjal agrawal	**Third Prize**
8	RPH2021QE#71	Poornima institute of engineering and technology	Muskaan bhatia , namrata harsh, naman gupta, namita bilandi	**Third Prize**

List of Teams participated in Hackathon

S.No.	Team ID	Leader Name	Institute name	Category for solution
1	RPH2021ARD#113	Anjali Garg	Poornima Group of Institutions	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
2	RPH2021ARD#111	Abhay Agarwal	Poornima college of engineering	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
3	RPH2021ARD#24.	Nishanth.D	SRM UNIVERSITY, RAMAPURAM	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
4	RPH2021ARD#15	Anupam ghosh	Sri Sairam Institute of Technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
5	RPH2021ARD#12	Tejendra Singh Rajawat	Rajamata Vijayaraje Scindia Krishi Vishwa Vidhyalaya, Gwalior	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
6	RPH2021ARD#16	Vishal D	Sri Eshwar College of Engineering	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
7	RPH2021ARD#27	Mansi Pandey	Maharishi University of Information Technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
8	RPH2021ARD#1	Shivam	JECRC Foundation	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
9	RPH2021ARD#109	Mahendra Pratap Singh	Poornima university	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
10	RPH2021ARD#108	RAHUL SHARMA	Poornima Group of Institution	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
11	RPH2021ARD#20	Darshan Seth	Geetanjali Institute of Technical Studies, Udaipur	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
12	RPH2021ARD#112	Prashant Kumar	Poornima institute of engineering and technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
13	RPH2021ARD#22	Pratik Ghodake	JSPM's Jayawantrao Sawant College of Engineering, Pune	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
14	RPH2021ARD#166	Devraj	Arya Institute of Engineering and Technology Jaipur	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
15	RPH2021ARD#107	Tanmay Varshney	Poornima Group of Imstitutions	Agriculture and Rural

				Development (crop selling, soil testing, byproducts selling etc.)
16	RPH2021ARD#230	Thakkar Divyakumar rameshbhai	Sankalchand patel college of engineering	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
17	RPH2021ARD#19	Riya Sharma	Amity Institute of Information Technoloy	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
18	RPH2021ARD#263	Aditya Tanwar	Arya Institute of engineering and technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
19	RPH2021ARD#204	Yuvraj Dagur	Poornima Institute of engineering and technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
20	RPH2021ARD#265	Suraj gazi	Rajasthan institute of engineering and technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
21	RPH2021ARD#249	Ritik Tailor	Poornima Institute of engineering and technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
22	RPH2021ARD#115	Tripti Somani	Poornima college of engineering	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
23	RPH2021ARD#223	Ravikant shahi	Poornima Institute of engineering and technology	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
24	RPH2021ARD#221	Alpana	Poornima college of engineering	Agriculture and Rural Development (crop selling, soil testing, byproducts selling etc.)
25	RPH2021CS#117	Laksh Nagar	Poornima institute of engineering and technology	Clean Water (water availability and filtration)
26	RPH2021CW#176	LAKSHAY TANWANI	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Clean Water (water availability and filtration)
27	RPH2021DL#37	Naman jangid	Poornima Group of Institution (PIET)	Digital Literacy (digital recruitment, digital payments etc.)
28	RPH2021DL#34	SHRIYANSHI SAXENA	GD GOENKA UNIVERSITY	Digital Literacy (digital recruitment, digital payments etc.)
29	RPH2021DL#36	Harshul Namdev	Poornima College of Engineering	Digital Literacy (digital recruitment, digital payments etc.)
30	RPH2021DL#170	Mohan Gayen	Poornima group of institutions	Digital Literacy (digital recruitment, digital payments etc.)
31	RPH2021DL#8	Swati Chanchal	Guru Tegh Bahadur Institute of Technology	Digital Literacy (digital recruitment, digital payments etc.)
32	RPH2021DL#168	Aastha Saxena	Poornima University	Digital Literacy (digital recruitment, digital payments etc.)
33	RPH2021DL#210	RIDDHIM GUPTA	POORNIMA COLLEGE OF	Digital Literacy (digital

			ENGINEERING	recruitment, digital payments etc.)
34	RPH2021DL#233	Praveen Sharma	Poornima institute of engineering and technology	Digital Literacy (digital recruitment, digital payments etc.)
35	RPH2021HC#127	Ayush Kumar Jha	Poornima Group Of Institution	Health Care (Medical facilities, consultation from doctors etc.)
36	RPH2021HC#126	Krishna Sharma	Poornima Group Of Institutions	Health Care (Medical facilities, consultation from doctors etc.)
37	RPH2021HC#132	Sonu Rav	Poornima institute of engineering and technology	Health Care (Medical facilities, consultation from doctors etc.)
38	RPH2021HC#131	Avi Goyal	Poornima Group of Institutions	Health Care (Medical facilities, consultation from doctors etc.)
39	RPH2021HC#125	Nitin Tilwani	Poornima Institute of Engineering and Technology	Health Care (Medical facilities, consultation from doctors etc.)
40	RPH2021HC#124	Praveen Kumar Jangir	Poornima group of institute	Health Care (Medical facilities, consultation from doctors etc.)
41	RPH2021HC#136	Himanshu Singh	Poornima College of Engineering	Health Care (Medical facilities, consultation from doctors etc.)
42	RPH2021HC#133	Kartikey Sharma	Poornima Institute of Engineering and Technology	Health Care (Medical facilities, consultation from doctors etc.)
43	RPH2021HC#128	ATISHEY JAIN	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Health Care (Medical facilities, consultation from doctors etc.)
44	RPH2021HC#135	Lovish Tater	Poornima College of Engineering	Health Care (Medical facilities, consultation from doctors etc.)
45	RPH2021HC#51	Ashmit Dabi	Geetanjali Institute of Technical Studies Udaipur Rajasthan	Health Care (Medical facilities, consultation from doctors etc.)
46	RPH2021HC#134	Suryansh Chaudhary	Poornima group of institute	Health Care (Medical facilities, consultation from doctors etc.)
47	RPH2021HC#53	VAISHNAVI SINGH	Maharishi University of Information Technology	Health Care (Medical facilities, consultation from doctors etc.)
48	RPH2021HC#188	Sudhanshu Gupta	Poornima College of Engineering	Health Care (Medical facilities, consultation from doctors etc.)
49	RPH2021HC#129	Khyati Arora	Poornima Institute of engineering and technology	Health Care (Medical facilities, consultation from doctors etc.)
50	RPH2021HC#183	Shruti Jain	JK Lakshmipat University , Jaipur	Health Care (Medical facilities, consultation from doctors etc.)
51	RPH2021HC#187	Hitesh Mittal	Poornima Institute of engineering and technology	Health Care (Medical facilities, consultation from doctors etc.)
52	RPH2021HC#186	Aman Mishra	Poornima group of institutions	Health Care (Medical facilities, consultation from doctors etc.)
53	RPH2021HC#203	Jaiveer Singh Rathore	Vellore Institute of Technology, Chennai	Health Care (Medical facilities, consultation from doctors etc.)
54	RPH2021HC#137	Lalit Agarwal	Poornima College Of	Health Care (Medical

			Engineering	facilities, consultation from doctors etc.)
55	RPH2021HC#268	Uday Bhardwaj	Arya Institute Of Engineering & Technology	Health Care (Medical facilities, consultation from doctors etc.)
56	RPH2021HC#179	Satyam Kumar	Poornima College of ngineering	Health Care (Medical facilities, consultation from doctors etc.)
57	RPH2021HC#253	Aditya Tanwar	Poornima Institute of Engineering and Technology	Health Care (Medical facilities, consultation from doctors etc.)
58	RPH2021HC#236	Aman Jain	Poornima College Of Engineering	Health Care (Medical facilities, consultation from doctors etc.)
59	RPH2021HC#251	MONALIKA SHARMA	POORNIMA GROUP OF INSTITUTION	Health Care (Medical facilities, consultation from doctors etc.)
60	RPH2021HC#184	Aryan Gupta	Poornima University	Health Care (Medical facilities, consultation from doctors etc.)
61	RPH2021QE#72	Mukul Saini	Poornima Institute of Engineering and Technology	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
62	RPH2021QE#146	Laveena Jethani	Poornima Institute of Engineering and Technology	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
63	RPH2021QE#140	Devansh Sharma	Maharishi University of Information & Technology	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
64	RPH2021QE#138	Sanket Patil	JSPM's Jayawantrao Sawant College of Engineering, Pune	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
65	RPH2021QE#143	Akshita Rastogi	Poornima Group Of Instituitions ,Jaipur	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
66	RPH2021QE#71	Namita bilandi	Poornima institute of engineering and technology	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
67	RPH2021DL#74	Tridev Singh Rao	Poornima University	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
68	RPH2021DL#35	Prakhar Mehrishi	Poornima Institute of	Quality Education in rural

			engineering and technology	and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
69	RPH2021QE#240	Kartik Dhawan	Anand International College of Engineering	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
70	RPH2021QE#70	Chanchal Sharma	Poornima Institute of Engineering and Technology	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
71	RPH2021QE#218	Siddhi Kumari	Rajasthan College Of Engineering For Women	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
72	RPH2021QE#241	Aditya Mishra	Poornima College of Engineering, Jaipur	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
73	RPH2021QE#193	Sarvesh kumar	jaipur national university	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
74	RPH2021QE#195	Bharti Jain	Arya Institute of Engineering and Technology.	Quality Education in rural and semi urban area in times of pandemic (learning across area in times of pandemic (learning across globe, quality learning, etc.)
75	RPH2021RE#225	Hridesh sharma	Arya institute of engineering and technology	Renewable Energy (Electricity, Solar power etc.)
76	RPH2021RE#197	Shagun Pareek	Poornima institute of engineering and technology	Renewable Energy (Electricity, Solar power etc.)
77	RPH2021SC#78	Pritam Kumar		Smart Communication (Internet Services, Network reachability etc.)
78	RPH2021SC#82	Yash Kumar Bansal	Poornima Institute of Engineering and Technology	Smart Communication (Internet Services, Network reachability etc.)
79	RPH2021SC#257	Jabi Ali	Jaipur National University	Smart Communication (Internet Services, Network reachability etc.)
80	RPH2021SC#220	Vicky Kumar	Rajasthan Institute of Engineering And Technology	Smart Communication (Internet Services, Network reachability etc.)
81	RPH2021SC#79	Shourjya Hazra	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	Smart Communication (Internet Services, Network reachability etc.)
82	RPH2021SV#156	Aditya Kashyap	Poornima Collage of Engineering	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)

83	RPH2021SV#152	Nikhil Rastogi	Poornima Group Of Institutions	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
84	RPH2021ARD#110.	Shubham kumawat	Poornima group of institution.	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
85	RPH2021SV#151	Mohit Gupta	Poornima Insitute of Engineering and Technology	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
86	RPH2021SC#86.	Sabuj Saikia	National Institute of Technology, Silchar	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
87	RPH2021SC#83	Chirag Nagori	Poornima Group Of Institution	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
88	RPH2021hw#199	Pooja jain	Arya institute of engineering and technology	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
89	RPH2021SV#154	Krishan kant	Pgi	Smart Vehicles (smart transportations, smart tools for agriculture, etc.)
90	RPH2021WM#104	RUPALI JAIN	GEETANJALI INSTITUTE OF TECHNICAL STUDIES,DABOK	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
91	RPH2021WM#92	Himanshi Khandelwal	Poornima institute of engineering and technology	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
92	RPH2021WM#160.	Ishita Agrawal	Poornima Group of Institutions	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
93	RPH2021WM#99	Bhumesh	Panipat institute of engineering and technology	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
94	RPH2021WM#164	Akshat Mittal	College of Computing Science and technology , TMU	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
95	RPH2021WM#94	Manoj Kumar Sharma	Poornima Group Of Institutions & Poornima Institute of Engineering and Technology	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
96	RPH2021wm#201	Sudhanshu Agrawal	Poornima Institute of engineering and technology	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
97	RPH2021WM#93	Jaivardhan bhardwaj	Poornima college of engineering	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
98	RPH2021WM#246	Sheetal Sisodiya	Poornima institute of engineering and technology	Waste Management (Garbage collection, converting into compost, Sanitization etc.)
99	RPH2021EAGS#43	Tushar Agrawal	Poornima College of Engineering	Ways for easy access to Government Scheme Information portals
100	RPH2021EAGS#48	Mohanish Buhadia	Poornima group of institutes	Ways for easy access to Government Scheme Information portals
101	RPH2021EAGS#42	Kushagra Devgon	Greater Noida Institute of Tech.	Ways for easy access to Government Scheme Information portals
102	RPH2021EAGS#227	Vaibhav Agrohi	Arya Institute of Engineering and Technology	Ways for easy access to Government Scheme Information portals
103	RPH2021EAGS#45	Salvader Ron Nathaniel	Poornima Institute of Enginnering and Technology	Ways for easy access to Government Scheme Information portals

104	RPH2021EAGS#44	MOHIT SANKHLA	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Ways for easy access to Government Scheme Information portals
105	RPH2021HC#180	Manish Singh	POORNIMA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Health Care (Medical facilities, consultation from doctors etc.)
106	RPH2021HC#51	Ashmit Dabi	Poornima Institute of Enginnering and Technology	Health Care (Medical facilities, consultation from doctors etc.)
107	RPH2021DL#39	Shreyansh Pareek	Poornima Institute of Enginnering and Technology	Digital Literacy (digital recruitment, digital payments etc.)
108	RPH2021CW#177	Deepak Kumar Gothwal	Poornima Institute of Enginnering and Technology	Clean Water (water availability and filtration)
109	RPH2021RE#196	Abhimanyu Kumar Singh	Poornima Institute of Enginnering and Technology	Renewable Energy (Electricity, Solar power etc.)

List of teams participated in startup innovation contest

S.No	College Name	Team Name	Team Leader Name	Tracks
1	Swami Keshwanand Institute Of Technology, M&G, Jaipur	Team SemiColon	Swapnil Agrawal	IT / Web / App
2	Poornima Institute of Engineering and Technology	MJLOK	Jatin Agrawal	Education
3	Poornima Institute of Engineering and Technology	i preet	rashpreet singh anand	Others
4	Poornima Institute of Engineering and Technology	LAKERS	RAHUL SUKHWAL	Social Impact
5	Poornima Institute of Engineering and Technology	TRIBE	Virender chopra	Environment / Energy
6	Poornima Institute of Engineering and Technology	Manufacturing of Hardware items	Akash sharma	Manufacturing
7	Poornima Institute of Engineering and Technology	PLAN B	Sheetal Sisodiya	Sustainable Living
8	Poornima Institute of Engineering and Technology	Team Arjuna	Deeksha Sharma	Environment / Energy
9	Poornima Institute of Engineering and Technology	Creative	Rahul Kumar Jangid	Agriculture
10	Poorima Group of Institutions	RIR OF ROYAL PGI	RONAK JAIN	Manufacturing
11	Poornima Institute of Engineering and Technology	Boomers	Chanchal meena	IT / Web / App
12	Poornima Institute of Engineering and Technology	DEEPAK SHARMA	DEEPAK SHARMA	Manufacturing
13	Poorima Group of Institutions	GINCHIEST	TARUN SHARMA	Environment / Energy
14	Poorima Group of Institutions	Public Supporter	Ayush Arya	Healthcare
15	Poorima Group of Institutions	Termineter	Nikhil Bhardwaj	Others
16	Poorima Group of Institutions	Termineter	Nikhil Bhardwaj	IT / Web / App
17	Poorima Group of Institutions	SK INFRASTRUCTURE	SAURABH KUMAR SINGH	Others
18	Poorima Group of Institutions	Deep Art's	Deepak Kumawat	Others
19	Poornima Institute of Engineering and Technology	THREE BROTHERS	NIRANJAN	Manufacturing
20	Poorima Group of Institutions	HYDRAx	NITISH NAMA	Manufacturing
21	Poorima Group of Institutions	NPK	Nitin Agrawal	Services
22	Poorima Group of Institutions	CHAMPZZ	MRAGANK MISHRA	Education
23	Poorima Group of Institutions	D group	DEVANSHU KATARA	Others
24	Poorima Group of Institutions	Deep Arts	Deepak Kumawat	Others
25	Poorima Group of Institutions	TeamOP	Pranav Sagar	IT / Web / App
26	Poornima Institute of Engineering and	BackOps	Chandra Shekhar	IT / Web / App

	Technology		Sharma	
27	Poorima Group of Institutions	Shyam Developer	Ayush Kumar Jha	Tech - Ecom / Retail
28	Poorima Group of Institutions	Magma Future	Khushi Dhakad	Environment / Energy
29	Poorima Group of Institutions	Ethicals	Garvit Ghiya	Atma - Nirbhar Bharat / Self-Reliant India
30	Poorima Group of Institutions	PGI students	Harendra kumawat	Environment / Energy
31	Poornima Institute of Engineering and Technology	Creative Vision	Daksh Lohar	Services
32	Poorima Group of Institutions	3d developers	Mohit kaushal	IT / Web / App
33	Poorima Group of Institutions	bot trader	shashank tak	Tech - AI / ML / Data Science
34	Poorima Group of Institutions	MSA	Mudit SInghal	IT / Web / App
35	Poorima Group of Institutions	3P star	Praveen kumar jangir	Education
36	Poornima Institute of Engineering and Technology	Team Khiladi	Neeraj Kumar Tiwari	Others
37	Poornima Institute of Engineering and Technology	Business Geeks	Janesh Kumar Chhaniwal	Others
38	Poornima Institute of Engineering and Technology	SANDHYA	HARSH RAI	Others
39	Poorima Group of Institutions	Rangers	Saloni Jain	Education
40	Poornima Institute of Engineering and Technology	Binary Beats	Mudit Mathur	Healthcare
41	Poornima Institute of Engineering and Technology	Team Bull	Prakhar Mehrishi	Services
42	Poornima Institute of Engineering and Technology	Comets	Kashish Chauhan	Atma - Nirbhar Bharat / Self-Reliant India
43	Poornima Institute of Engineering and Technology	Futurism geek	Nishi Singh	IT / Web / App
44	Poornima Institute of Engineering and Technology	Mood busters	Meghna mathur	Healthcare
45	Poorima Group of Institutions	The Creators	Divyansh Seksaria	Services
46	Poorima Group of Institutions	TECHNOS	ROHIT SARASWAT	IT / Web / App
47	Poornima Institute of Engineering and Technology	Databusters	Aditya Tanwar	Tech - AI / ML / Data Science
48	Poornima Institute of Engineering and Technology	Bug buster	Kriti agrawal	Others

Every participant received their goodies kit at the time of registration. All 38 teams received their participation certificate.

Out of these 38 teams 3 teams got position 1/2/3.

Position -1: Team Arjuna **Idea Track: Environment / Energy**

Position -2: Team Sandhya **Idea Track: Game Development**

Position -3: Team Plan B **Idea Track: Sustainable Living**

Glimpses of the Event

Glimpse of the other activities

Registration

Breakfast

Development center

Participants

Lunch

Selfy Point

Kit Items

T shirt and Id card

Glimpse of the other activities

Development at Day time

Development late Night

Valedictory Function

Hackathon Report

Chief Guest Valedictory

Winner 1

Glimpse of the other activities

Winner 2

Winner 3

Winner 4

Winner 5

Winner 7

Winner 7

Winner 8

जयपुर सिटी भास्कर 25-03-2021

हैकाथॉन : 108 टीमों ने स्मार्ट व्हीकल्स, जल और ग्रामीण विकास के आइडियाज सुझाए

Report of Event

Media Coverage

हैकथॉन में सुझाए विभिन्न समस्याओं के तकनीकी समाधान

हैकथॉन में हुआ तकनीकी समाधान

पूर्णिमा इंस्टीट्यूट में हैकथॉन शुरू

छात्रों ने सुझाए समस्याओं के तकनीकी समाधान

हैकाथॉन में सुझाए समस्याओं के समाधान

सुझाए समस्याओं के तकनीकी समाधान

जयपुर सिटी भास्कर 25-03-2021

हैकाथॉन : 108 टीमों ने स्मार्ट व्हीकल्स, जल और ग्रामीण विकास के आइडियाज सुझाए