POORNIMA
COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A REPORT ON 2-DAY 4TH NATIONAL LEVEL STUDENT TECHNICAL PAPER & MODEL CONTEST

- **TITLE AND DURATION:** 4th National Level Student Technical Paper & Model Contest, Jan 21-22, 2022.
- **PUBLISHER(S):** STM Journals, IGI Global
- **THEMES / TRACKS:**
  - **Track 1:** Computer Engineering / Information Technology
  - **Track 2:** Electronics & Communication Engineering.
  - **Track 3:** Electrical Engineering.
  - **Track 4:** Mechanical Engineering
  - **Track 5**: Civil Engineering
- **OBJECTIVES:**
  - To provide a platform to researchers from industry and academia, scientists, and the students of undergraduate, postgraduate, and doctoral programs on current thrust areas of various disciplines of Engineering and Technology
  - To bring together students and researchers from industry and academia to exchange their innovative ideas.
  - To promote networking and engagement of students, researchers, academicians and industry persons.
  - To provide a competitive environment among the researchers and the innovators and recognize their best contributions.

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Director
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Sitapura, JAIPUR

- **EXPECTED OUTCOMES:**

The conference will strengthen contacts and foster cooperation among accelerator-based science and application researchers, accelerator manufacturers, facility operators and the coordinators of academic programs in the accelerator sciences, leading to a comprehensive review of the status of accelerator-based research and applications. The conference is expected to generate ideas that will form the basis of future programs in the area of research and applications using accelerator technologies.

- **BROCHURE / POSTER / LEAFLET / FLYER:**

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- **RESPONSE (SUBMISSION / ACCEPTANCE / PRESENTATION):**

In Technical Paper and Model Contests -2021-22, total 317 papers and model are registered for participation in papers and projects contests. All the registered papers and projects are accepted for the contest. Bachelor, Master & Doctoral scholars and professional attended all the sessions including registered participants and local attendees

- **SUMMARY / CATEGORIZATION OF PARTICIPANTS:**

Technical Paper and Model Contests -2021-22 provided a stimulating environment for researchers, scientists, engineers, educators, industrialists and students from all over the world to discuss and present their research findings in the interest of society and the nation. The Technical Paper and Model Contests covered major areas of research in Mechanical, Civil Applied Science, Electrical, Electronics and Computer Engineering. Technical sponsor of the Technical Paper and Model Contests -2021-22 was IEEE Delhi Section and supported by IEEE Rajasthan Subsection and Technically Co-sponsored by ISLE, IGI, STM and Poornima University IEEE Student Branch Chapters.

In Technical Paper and Model Contests -2022, Conference management toolkit system was utilized to cater the enthusiastic response making it to around 317 received manuscripts and projects across countries. All the registered papers and projects are accepted for the contest. Bachelor, Master & Doctoral scholars and professional attended all the sessions including registered participants and local attendees.

- **INAUGURAL SESSION:**

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S. No.	Activity	Scheduled Time
1.	Welcome of Dignitaries and Introduction of Event by anchors- Mr. Kuldeep Sharma & Dr. Sarveen Sachdeva ● **Padma Shri (Prof.) D. B. Phatak,** Emeritus Professor, Computer Science & Engineering, IIT Bombay **(Chief Guest)** ● **Dr. Mahesh Bundele**, Director &Principal, PCE ● **Mr. Pankaj Dhemla**,Vice Principal, PCE ● **Ar. Rahul Singhi**, Director, Poornima Group ● **Dr. Rekha Nair**, Convener, Technovation 2021 ● **Dr. Surendra Kumar Yadav**, HOD,CSE, PCE ● **Mr. Amol Saxena**, HOD, IT, PCE ● **Dr. Garima Mathur**, HOD, EC, PCE ● **Dr. Pravin Sonwane**, HOD, EE, PCE ● **Dr. Narayan Lal Jain**, HOD, ME, PCE ● **Dr. Pran Dadhich**, HOD, CIV, PCE ● **Mr. Shailendra Kasera**, HOD, I Year, PCE	10:00 AM - 10:02 AM
2.	Ganesh Vandana (Virtual)	10:02 AM - 10:03 AM
3.	Welcome of **Chief Guest, Padma Shri (Prof.) D. B. Phatak**, Emeritus Professor, Computer Science & Engineering, IIT Bombay by Dr. Mahesh Bundele, Principal & Director, PCE with virtual Bouquet & Memento.	10:03 AM - 10:05 AM
4.	About the Event by **Dr. Rekha Nair**, Convener, Technovation 2021	10:05 AM - 10:10 AM
5.	Release of Souvenir- Technovation 2021 by the Guests	10:10 AM - 10:15 AM
6.	Address by Mr. Rahul Singhi, Director, Poornima Group	10:15 AM - 10:20 AM
7.	Address by **Dr. Mahesh Bundele**, Director & Principal, Poornima College of Engineering	10:20 AM - 10:25 AM
8.	Introduction of **Chief Guest, Padma Shri (Prof.) D. B. Phatak**, Emeritus Professor, Computer Science & Engineering, IIT Bombay & Inaugural Address by the Chief Guest	10:25 AM - 10:45 AM
9.	Vote of Thanks by Mr. Pankaj Dhemla, Vice Principal, PCE	10:45 AM - 10:50 AM
10.	Group Photograph	10:50 AM - 10:55 A M

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DETAILS OF RESOURCE PERSONS/ ORGANIZING COMMITTEES:

Chief Patron:

- Dr. S. M. Seth, Chairman (Emeritus), Poornima Group, Jaipur, Former Director, National Institute of Hydrology, Roorkee, India.

Patron:

- Sh. Shashikant Singhi, Chairman, Poornima Group, Jaipur, India.

Advisors:

- Sh. M. K. M. Shah, Director General, Poornima Group, Jaipur, India.
- Sh. Hari Singh Shekhawat, Director (Infra), Poornima Group, Jaipur.
- Ar. Rahul Singhi, Director, Poornima Group, Jaipur.

General Chair:

- Dr. Mahesh Bundele, Principal and Director**,** Poornima College of Engineering, Jaipur

Organizing Chair:

- Sh. Pankaj Dhemla, Vice Principal, Poornima College of Engineering, Jaipur.

Program Convener:

- Dr. Rekha Nair, Professor & Dean, Poornima College of Engineering, Jaipur.

Advisory Committee:

- Prof Armin ABERLE, CEO, SERIS, National College of Engineering of Singapore
- Prof. Thomas Zimmer, IMS Laboratory, College of Engineering of Bordeaux, France
- Dr. Sebastien Fregonese, France
- Dr. Shuliang Wang, Beijing Institute of Technology, China
- Dr. George Tsaramirsis , MIEEE , UK
- Dr. Nidaa A. Abbas , College of Engineering of Babylon, MIEEE, IRAQ
- Dr. R. C. Bansal, Queensland College of Engineering, Australia
- Dr. RaedAbd-Alhameed, College of Engineering of Bradford, UK
- Dr. Sattar B. Sadkhan, , SMIEEE , IRAQ, Chairman
- Dr. Sedat Akleylek, OndokuzMayis College of Engineering, Turkey
- Dr. SureswaranRamadass, USM College of Engineering, Malaysia
- Dr. William Puech, College of Engineering Montpellier, France
- Dr. Youcef Soufi Mail, College of Engineering of Tabessa, Algeria
- Dr. Wan Young Chung, Pukyong National College of Engineering, Busan, South Korea

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- Dr. Youcef Soufi, College of Engineering of Tbessa, Algeria
- Prof. Li Zhiwu, HRCSHP, China
- Dr. Ali Al-Sherbaz, College of Engineering of Northampton, UK
- Dr. Ali Al-Sherbaz, the College of Engineering of Northampton, UK
- Dr. Atheer Matroud, College of Engineering of Otago, New Zealand
- Dr. Wan-Young Chung, Pukyong National College of Engineering, Busan
- Dr. Aleksandra Mileva, GoceDelcev College of Engineering, Faculty of Computer Science
- Dr. Carlos M. Travieso-Gonzalez, College of Engineering of Las Palmas de Gran Canaria, SPAIN.
- Dr. Anil Tiwari, Professor & Head, EE, IIT, Jodhpur, Secretary, IEEE Rajasthan Subsection, India
- Dr. M. C. Govil, Director, NIT, Sikkim, Jaipur
- Mr. Rahul Singhi, Director, Poornima Group, Jaipur
- Dr. OPN Calla, Director, ICRS, Chairperson, Execom, IEEE Rajasthan sub-section, Jodhpur, India
- Dr. R. A. Gupta, MNIT, Jaipur, India
- Dr. S. S. Limaye, Principal, ZIET, Nagpur, India
- Dr. S. Sancheti, President, Manipal College of Engineering, Jaipur, India
- Dr. Vineet Sahula, Malaviya National Institute of Technology, Jaipur, India
- Dr. Vishnu Srivastava, Chief Scientist & Head, AcSIR, Pilani, Vice Chairperson, Execom, IEEE Rajasthan Subsection, India
- Dr. B. V. Babu, Vice Chancellor, Galgotias College of Engineering, Greater Noida, India
- Dr. Rajneesh Talwar, Principal, Chandigarh Group of Colleges, Technical Campus, Jhanjeri, Mohali
- Prof. Kirti Mahajan, Director, Bharati Vidyapeeth College of Engineering, Pune
- Prof. P. Chakrabarti, Director, MNNIT, Allahabad, UP
- Dr. C. T. Bhunia, Director, NIT, Arunachal Pradesh, India
- Dr. A.A. Ghatol, Ex-VC, BAT College of Engineering, Lonere, India
- Dr. B. R. Singh, IIIT, Allahabad, India
- Dr. Ghanshyam Singh, MNIT, Jaipur, India
- Dr. J. P. Modak, Emeritus, PCE, Nagpur, India
- Prof. Narendra Ahuja, IIIT Hyderabad.
- Prof. Raja Kumar, Director, IIT Bhubaneshwar
- Prof. Rajeev Sangal, Director, IIT, BHU
- Prof. Chandrasekhar, Director, CEERI, Pilani

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- Dr. Rahul Banerjee, Director, LNMIIT, Jaipur
- Prof. (Dr.) Subrata Mukhopadhyay, Chair STDCom (T&P Act), IEEE Delhi Section
- Prof. Bhim Singh, IIT Delhi
- Dr. Alka Sharma, Vice Principal, University Maharani's College, Jaipur
- Dr. Rachana Garg, Chair IEEE PES Chapter, IEEE Delhi Section
- Prof. K. Subramanian, Chair, IEEE Delhi Section
- Dr. R. S. Gupta, Chair, IEEE EDS Chapter, Delhi Section
- Dr. Shabana Urooj, IEEE Delhi Section
- Dr. Rajveer S Shekhawat, Director SC&IT, MU, Jaipur
- Prof. Mridula Gupta, Chair, IEEE WIE, Delhi Section
- Dr. A. Murali M Rao, Chair IEEE CS Chapter, Delhi Section

GLIMPSES OF PRESENTATIONS:

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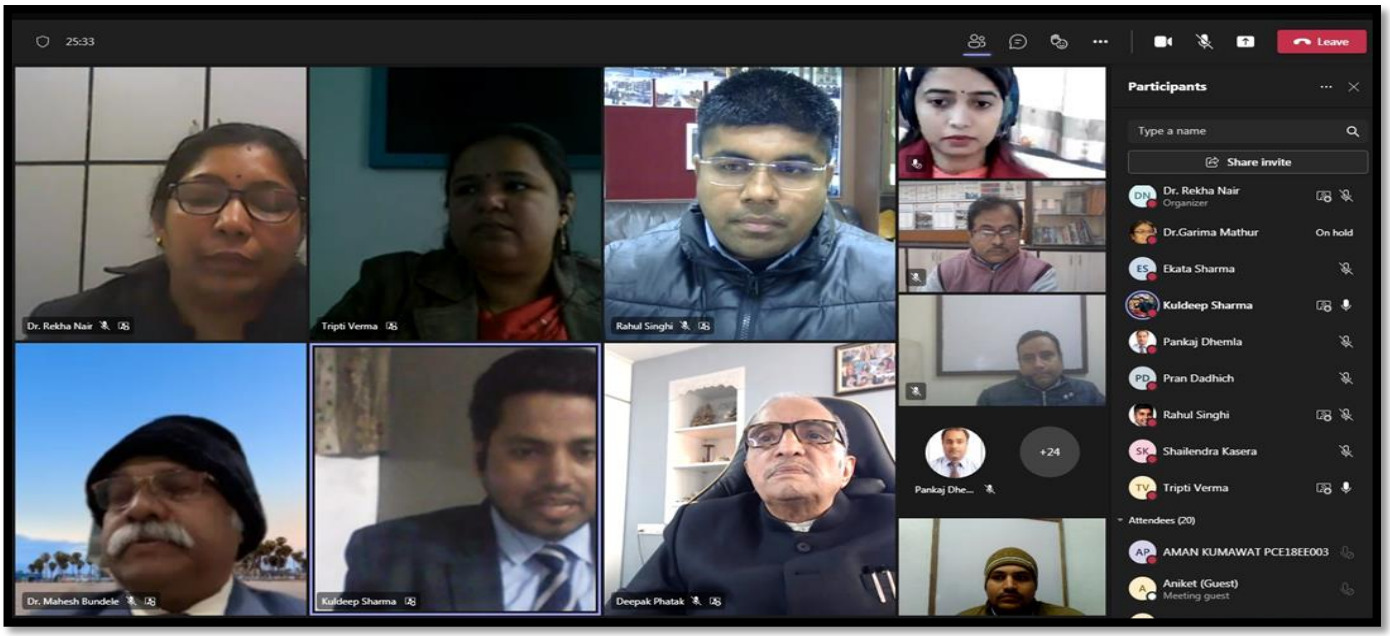

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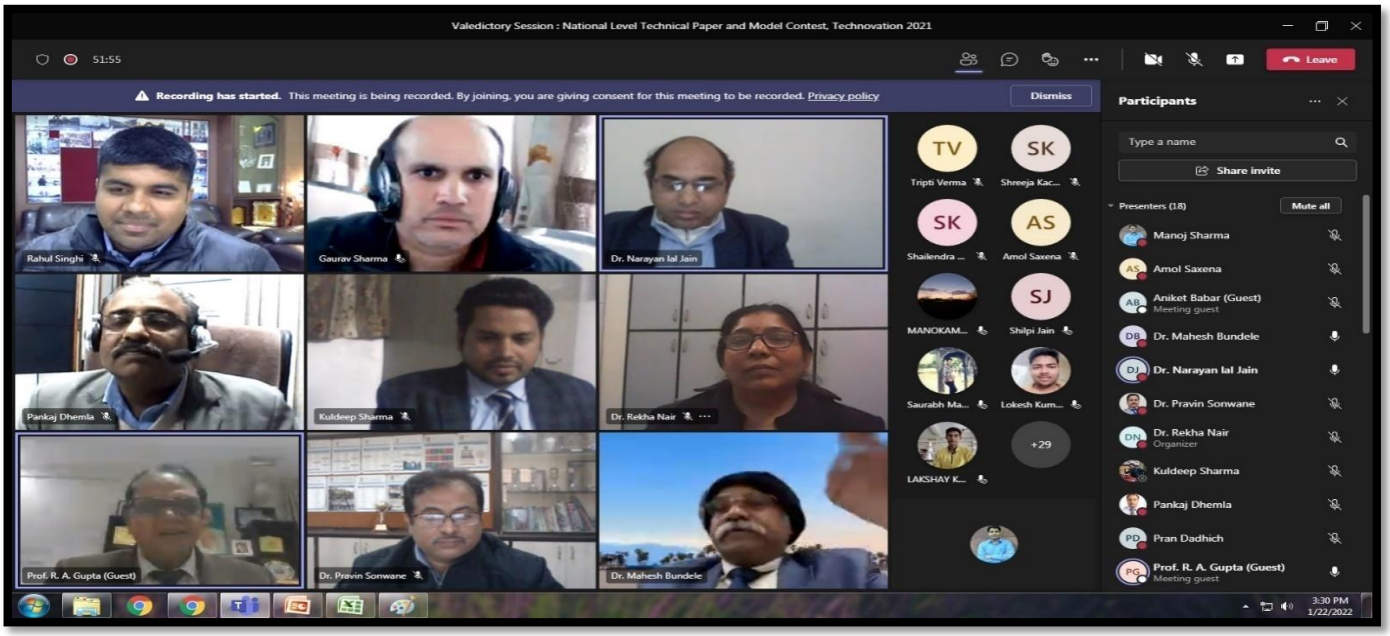

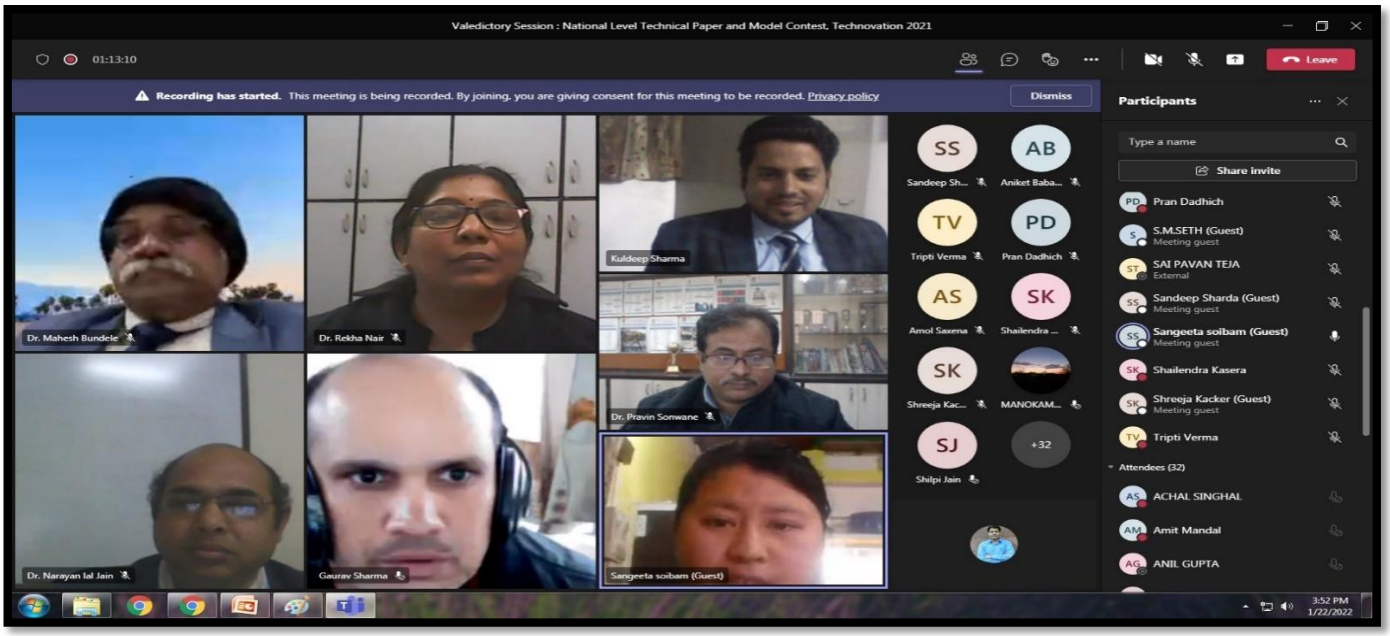

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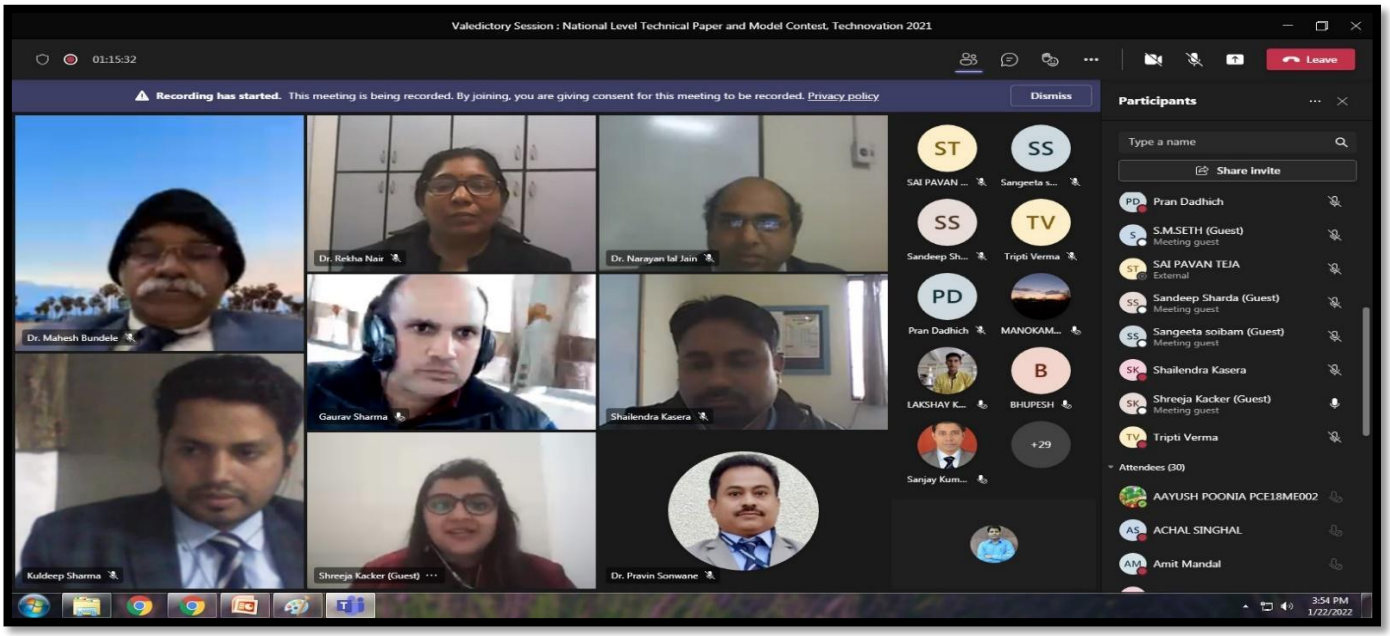

LIST OF THE PARTICIPANTS:

Track-1: Computer Engineering / Information Technology

S. No.	Paper ID	Author(s)	Paper Title
1	T1_P_CS_001	Vishal Choudhary, Ishita Agarwal, Khushboo Pareek, Kumar Kautuk, Samyak Jain	"Beyond Garage"- Trust me I am a Mechanic (Web Application)
2	T1_P_CS_003	Sonam Gour, Krishna Yuvraj and Mohit Kumawat	Human authentication with Multiple Face Expressions
3	T1_P_CS_004	Mukesh Kataria and Pawan Kumar Patidar	Image Enhancement Performance of Fuzzy Filter and Wiener Filter for Statistical Distortion
4	T1_P_CS_005	Mukesh Kataria and Pawan Kumar Patidar	The Component-Centric UML based Approach to model the Ar-chitecture of Web Applications
5	T1_P_CS_007	Barkha Narang and Surendra Yadav	Revisiting HR in A Digital Era
6	T1_P_CS_008	Tharun P	Sentimental Tweets Classification of Symptomatic COVID-19
7	T1_P_CS_011	Abhay Agarwal, Aayush Sharma, Aish Joshi and Reena Sharma	Weather Prediction Using Machine Learning
8	T1_P_CS_015	Syed Owais Bukhari and S Ashraf	Implementation of a novel artificial intelligence cognitive mechanism for 'Social Humanoids'
9	T1_P_CS_018	Md Mojahidul Islam, Dipta Talukder and Malarvizhi N.	An IoT based Smart Saline Level Monitoring System for Health Care Applications

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10	T1_P_CS_019	Malarvizhi N, Athreayasa Kalyan Jupudi, Manikanta Velpuri and Venkata Krishna Deeraj Tulasi	Traffic Sign Detection And Classification In Real Time
11	T1_P_CS_024	Shraddha Gajbhiye and Dr Navita Khatri	Control Method based on Artificial Neural Systems applied to Proportional load sharing between parallel operated Inverters
12	T1_P_CS_030	Tripti Somani and Shivam Kumar	A review on Different object Detection Techniques
13	T1_P_CS_033	Apreksha Mathur, Deepesh Totla, Ayrish Jain and Chetan Agarwal	Face Recognition using Deep Learning
14	T1_P_CS_034	Anubhav Anand and Sonam Gour	Automated Attendance System Using Face Recognition
15	T1_P_CS_035	Atharav Porwal and Amit Mishra	An evaluation on SNAKE AND LADDER using C/C++
16	T1_P_CS_038	Rishi Goyal, Ridhvi Kulshrestha, Richa Garg, Ishan Jain, Priyansh Sharma and Sonam Gour	A Review on Google Lens Clone using Image Recognition
17	T1_P_CS_040	Utkarsh Kaushik, Sanya Gupta, Prachi Khandelwal and Siddharth Kothari	Social and Security influence of social networks
18	T1_P_CS_044	Rashi Pareek, Ruchika Agarwal, Rishabh Ostwal and Rinkle Sharma	Smart Mirror using IOT
19	T1_P_CS_045	Ali Khan, Aabhar Bhatt, Ashish Kumar Sharma, Anupam Mathur and Abhinav Goyal	APNA MALL - Research E-Commerce Web Application by Using MERN
20	T1_P_CS_046	Tripti Agrawal, Shitanshu Goyal, Shivam Patil and Mrs. Barkha Narang	Virtual Try On
21	T1_P_CS_047	Tanisha Agarwal, Saket Sharma, Sweety Jain and Tushar Agrawal	Novel Approach to develop web Application to access Kubernets
22	T1_P_CS_049	Ritika Agarwal, Yash Khandelwal, Yash Jain and Chanchal Negi	Online Food Ordering Website
23	T1_P_CS_051	Aashish Soni, Akash Kumar and Akshay Kumar	Facial Emotion Recognition using Matlab
24	T1_P_CS_052	Pallavi Singh, Pinki Gujar and Nitish Kumar Gupta	Licence Plate Detection using DeepLearning
25	T1_P_CS_053	Khushi Sharma	Handwriting Recognition using machine Learning
26	T1_P_CS_055	TaranaBagotia, Rameshber Goswami, Tushar Vaishnav, Silky Sharma and Tanisha Somani	Build your own neural network

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27	T1_P_CS_056	Sandeep Saini, Pradeep Kumawat, Siddharth Talesara and Manish Choubisa	Cryptography Technique for Secure Data Transfer: A Review
28	T1_P_CS_057	Yukti Choudhary, Yash Sharma, Yatharth Purohit, Aprajita Kumari and Yashved Sharma	Review on Password security
29	T1_P_CS_058	Jeevesh Kishore Sharma, Nikita Kumari, Kshitij Kanaujia, Nishant Malhan and Jatin Sinsinwar	Impact of COVID-19 on Cybersecurity India: A Review
30	T1_P_CS_059	Sejal Jain, Neelam Chaplot, Yash Tripathi, Rahul Khandelwal, Sanskar Sharma and Sachin Yadav	Analysis and recommendations of data cleaning process for various types of data
31	T1_P_CS_060	Mann Sethi and Manashvee	Image smoothing using python
32	T1_P_CS_061	Vishali Gupta, Nikita Agarwal, Yash Kothari, Virendra Singh Sisodia and Vikrant Sharma	A Review Paper on Leaf Diseases Detection of Plants Image Processing
33	T1_P_CS_063	Shiwang Gupta, Vishal Agarwal, Vivek Kumar, Rishita Aloria and Yash Khandelwal	Study Recommendation Website
34	T1_P_CS_064	Harsh Sharma, Anushka Sharma, Ayush Saxena, Ashutosh Saxena and Manish Dubey	A Review Paper on Detection and Prevention from DDoS attacks in Cloud Computing
35	T1_P_CS_065	Divyanshu Tailor, Dhruv Gaur, Devesh Sharma, Fardeen Alam, Gagan Sharma and Archika Jain	Facial Recognition Algorithm and Application
36	T1_P_CS_066	Chaitanya Khurana, AyushBaluni, Avinash Dubey, Aman Choubey, Gaurav Agarwal and Archika Jain	Implementation of a Chatbot System using AI and NLP
37	T1_P_CS_067	Naman Garg, Harshul Namdev, Lokesh Sharma, Hitesh Kumar Kalwani and Praveen Yadav	Financial Literacy:Learn to Plan for Better Future Web Based Platform for next-gen Financial planning
38	T1_P_CS_068	Raj Singh Naruka, Saumya Gupta, Suraj Kumar, Yakshita Sharma and SubanshikaSubanshika	A Review On Image Recognition
39	T1_P_CS_069	Manish Dubey, Sumodh C Sabu, Shubham Jeengar, Rhythm Parashar, Rahul Sharma and Somay Sharma	Linguistic Recognition using Machine Learning
40	T1_P_CS_071	Pradhuman Singh Rathore, Shivangi Dubey, Komal	A Review On Call Center Management Websi[illegible]

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		Kumari, Rahul Arora and Praveen Kumar Yadav	Processing Optimization
41	T1_P_CS_072	Vishwas Patel, Tarun Mittal, Sudhanshu Gupta, Anshul Maheshwari, Ankit Kumar and Nikita Jain	A framework for College students using Reactjs and Django
42	T1_P_CS_077	Kalyani Verma, Kayshoo Nagar, Kritika Choudhary and Dr.Nikita Jain	A Review Paper on Handwritten Digit Recognition
43	T1_P_CS_081	Mohammed Basheer Khan, Sneha Soni and Dr Kalpana Rai	Security Of Data Using Crypto Cloud Multilayer Blowfish Dna Technique
	T1_P_CS_084	Gunank Bansal, Aashita Jain and Chetan Sharma	Selling and Renting of Buildings (Web Development)
44	T1_P_CS_087	Aman Kumar Singh, Anchal Jain, Abhinav Anand, Anurag Kumar, Aditya Mishra and Monika Goyal	Design And Development Of Chatbot: A Review
45	T1_P_CS_094	Pradhumn Vijay	Artificial Intelligence in Automobile
46	T1_P_CS_101	Kundan Singh, Lavish Jain, Niranjan Sharma, Narendra Kumawat and Mantu Raj	Facial Expression Recognition Using OPEN CV
47	T1_P_CS_138	Lakshya Raj Singh Panwar, Harsh Jain, Piyush Choudhary and Harshit Agnihotri	Speech Emotion Recogniton
48	T1_P_CS_139	Vansh Gupta	An ultra-light weight and secure RFID batch authentication scheme for IoMT
49	T1_P_CS_140	Shrey Somani, Manvendra Chaturvedi, Ashutoh Meena and Abhishek Jain	Disease Prevention and Preductive Medicines from Data Science
50	T1_P_CS_146	Vedika Gupta, Vaibhav Agrawal, Tanvi Mittal and Rishabh Jain	AI based Personal Speech Recognition System
51	T1_P_CS_149	Darshan Bhatt, Bhavesh Chittora, Arjun Jain, Gaurav Pipada and Barkha Narang	A Review On Yoga Prediction using Machine Learning
52	T1_P_CS_154	Ayush Chaplot	A Big Data Analytics Architecture for Smart Cities and Smart Companies
53	T1_P_CS_155	Rishabh Deora, Ritik Sharma, Rohit Agarwal, Shivam Khandelwal and Prashant Thapliyal	Movies/Web series Recommendation System
54	T1_P_CS_162	Stuti Gite	Energy harvesting schemes for wearable devices
55	T1_P_CS_182	Vidhik Sharma, Suhana Arif and Vinay Shukla	Artificial Intelligence And Machine Learning
56	T1_P_CS_190	Ayushi Sharma, Aayushi Naruka, Anurag Kumar and	KNN classification algorithm in ML

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		Ayush Sharma	
57	T1_P_CS_194	Sana Firoz, Aman Mudgal and Amisha Mathur	Intelligent Non- Invasive Blood Glucose Meter (Inbg)
58	T1_P_CS_205	Harsh Agrawal, Harsh Rathore, Manav Singh Panwar and Krishna Jain	College Management Sysytem
59	T1_P_CS_208	Dr.Gajendra Rajawat, Aditi Maheshwari and Ashutosh Kumar	5G Wireless Networking System: A Review
60	T1_P_CS_232	Arnav Kulshrestha, Dhananjay Saini, Devesh Kumar Singh, Abhishek Sharma and Barkha Narang	A Review Paper On Vehicle accident detection
61	T1_P_CS_236	Lokesh Kumar, Nikhil Singhal, Mudit Agarwal, Mukul Kumar and Jaivardhan Bhardwaj	Effect of a cyberattack on a company's economic performance
62	T1_P_CS_237	Manish Kumar, Mridul Pandit and Manish Sharma	Applied Cryptography and Network Security
63	T1_P_CS_239	Sachin Khatri, Sagar Khandelwal, Riya Kumari and Sakshi Kumari	Smart Virtual Assistant for Windows Operating System based on human Voice Instruction
64	T1_P_CS_241	Shashank Singh, Shubham Prajapati, Sibghat Ali Khan, Vishal Agrawal and Tanu Agarwal	A review on Stock Price Prediction using Different Techniques
65	T1_P_CS_242	Akshat Gupta, Aman Goyal, Amrit Agarwal and Anjali Garg	Cybersecurity and Ethical Hacking
66	T1_P_CS_249	Aaradhaya Khandelwal, Aryan Nama and Arpit Gupta	Online Learning
67	T1_P_CS_253	Devendra Singh Shekhawat, Vikas Suthar, Dhruv Sharma and Shirish Nagar	A Review of Movie Recommendation System
68	T1_P_CS_254	Manas Jain, Priyanshi Jain and Sakshi Sharma	Skin Cancer Detection Using ML
69	T1_P_CS_255	Rahul Mishra, Soman Mitra and Anurag Sharma	E-Polling Application using Python Framework
70	T1_P_CS_257	Priyansh Jhalani and Kshitij Dixit	Managingand Analyzing of Tasks Using a Serverless Framework
71	T1_P_CS_269	Arjun Dey, Karan Dey and Harsh Chhaparwal	A Review on Automatic Text Summarization
72	T1_P_CS_273	Rithik Shrivastava, Khushboo Meena and Amardeep Jarwal	An Analytical Case Study on Tehri Dam
73	T1_P_CS_282	Sayan Khandait, Saurav Chaudhary and Manish Dubey	Symmetric Key Cryptography
74	T1_P_CS_283	Megha Agrawal, Natasha Goklani, Mayank Singh, Prabhat Singh and Muskan	Face Expression Recognition using CNN

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		Goyal	
75	T1_P_CS_285	Samiksha Kalambe and Dr. Kiran Dongre	Detection Of Islanding Condition In 14 Bus Using ANN And Fuzzy Logic Distribution
76	T1_P_CS_288	Gourav Majee, Dhruv Gupta, Anupam Agarwal and Anmol Rathore	Let's Konnect: a social media app
77	T1_P_CS_290	Hitesh Kumar, Mrityunjay Tyagi, Manvi Agarwal, Himanshu Thory and Vishal Choudhary	Secure Data Transfer Over Internet Using Cryptography

Track-2: Electronics & Communication Engineering

S. No.	Paper ID	Author(s)	Paper Title
1	T2_P_ECE_002	Siddhant Goswami and Deepak Karia	Compact Metamaterial Octagonal Antenna for Wireless Body Area Network
2	T2_P_ECE_013	Aniket Babar	Integrated Anti Wildlife-Collision System
3	T2_P_ECE_021	Kamalesh D and Lokesh C	Esp 32 Cam Motion Alert And Sends Image To Telegram
4	T2_P_ECE_048	Jasmine Chhillar	Face recognition using deep learning
5	T2_P_ECE_095	Pritam Raj, Ayush Gupta, Chandresh Singh and Bharat Chhipa	Automatic Safety Locker System Using Gesture Recognition And Image Processing
6	T2_P_ECE_131	Bhavesh Galav and Mr. Rahul Sharma	GSM and GPS Based Theft Control System
7	T2_P_ECE_151	Manish Kumar	Deep Learning Based Weather Prediction
8	T2_P_ECE_153	Utsav Sharma	The Luminescence Signal Detector for onco-fluorometry of the near infrared region
9	T2_P_ECE_156	Swapnil Raj Soni	An Intelligent Parking Sharing System for Green and Smart Cities Based on IOT
10	T2_P_ECE_157	Abhishek Gupta	Mobile computing and communications-driven fog assisted disaster evacuation techniques for context-aware guidance support: A survey
11	T2_P_ECE_158	Aniket Sharma	Adaptive Time Frequency Multiplexing For 5g Applications
12	T2_P_ECE_159	Roj Kanwar	Image Classification Approaches Using Machine Learning
13	T2_P_ECE_160	Saksham Soni	Wireless Communication and REM: Security Perspective

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14	T2_P_ECE_161	Hritik Kumar	Internet of things attacks detection using hybrid Deep learning model
15	T2_P_ECE_163	Vikash Tiwari	Hyperloop
16	T2_P_ECE_164	Ritik Sharma	Enhanced network access control scheme for LTE-LAA/ Wi-Fi coexistence
17	T2_P_ECE_165	Rahul Rathi	Plasma And Metallic
18	T2_P_ECE_166	Manaal Mishra	Deep neural network for text anomaly detection in SIOT
19	T2_P_ECE_167	Shubham Tiwari	Performance Enhanced Folded Multiband MIMO Antenna For Mobile Terminals
20	T2_P_ECE_168	Neha Neha	Artificial Intelligence Enabled Wireless Networking for 5G and Beyond
21	T2_P_ECE_171	Saiphali Agrawal	6G Wireless System:Intelligent Reflecting Surfaces For 3D Nin Stationary Model
22	T2_P_ECE_172	Nitin Budania, Nikhil Kumar Solanki, Nitu Pandel and Nakshatra Yadav	Traffic Sign Recognition
23	T2_P_ECE_174	Anshika Chechani and Payal Bansal	Nanotechnology uses in medicine
24	T2_P_ECE_175	Shreyansh Patni, Bhavit Jain, Jhalak Dashora and Saksham Jain	Effect of Em wave on electronics devices
25	T2_P_ECE_176	Akash Kumar, Anmol Kumar, Brajeshwaram Krishnam and Chirag Agarwal	RFID Based Passport Details Identification System
26	T2_P_ECE_177	Rahul Sharma, Suryabhan Ray, Neha Mridul and Rishav Anand	Raspberry Pi security camera using Open-CV
27	T2_P_ECE_179	Rohit Raj, Gaurav Kumar, Adarsh Kumar and Nitish Kumar	Auto Intensity Control of Street Light Based on Vehicle Detection Using Arduino Uno
28	T2_P_ECE_181	Naman Tiwari, Nitin Jain, Chirag Jaiswal and Aryan Patidar	A Robust Secure Communication System
29	T2_P_ECE_183	Gautam Jeswani, Chandan Singh, Divyansh Mathur and Ashish Raj	Automatic Hand Sanitizer Dispenser with Temperature Sensing
30	T2_P_ECE_184	Sanskriti Mujawdiya, Pragya Sharma, Manisha Roy and Prabhat Sharma	Real Time Monitoring Device
31	T2_P_ECE_195	Yadav Vinay Singh, Shruti Sharma, Yashasvi Pandey and Yashdeep Saini	Solar Powered Drone

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32	T2_P_ECE_202	Viraj Singh Bhati, Vartesh Raj Singh Chauhan, Yash Soni and MainkMangotra	Forest Fire Deetection
33	T2_P_ECE_203	Pratham Mathur, Rahil Mathur and Akshita Mittal	Home Automation Controlled System
34	T2_P_ECE_204	Bharat Kumawat, Karan Bhansali and Rohit Saini	Fingerprint Door Lock
35	T2_P_ECE_268	Satyam Kumar Shukla, Irfan Alam, Shahnawaz Alam, Md. Sajid and Sunil Meena	Home Automation
36	T2_P_ECE_272	Guddu Kumar	Image sensor with hybrid emission filter for in vivo fluorescent imaging
37	T2_P_ECE_277	Harshit Kumar Meharchandani, Kanak Pareek, Harshvardhan Shringi and Ankit Mali	Weather forecasting with smart security system solar based street light
38	T2_P_ECE_281	Vishvendra Paliwal, Mahendra Bairwa, Anil Kumar, Arun Isher and Praveen Singh	A Review Paper on IoT Based Home Automation System
39	T2_P_ECE_284	Utkarsh Agrawal	An Overview of Network Slicing For 5G

Track-3: Electrical Engineering

S. No.	Paper ID	Author(s)	Paper Title
1	T3_P_EE_006	Swetha G	Smart Survey on Power Quality Improvement based on Distribution Network Reconstruction and Reconfiguration
2	T3_P_EE_189	Vasundhara Hingal, Jayant Modak and Sanjay Haridas	Review on inversion techniques using harmonics analysis and DC choppers components
3	T3_P_EE_260	Chitransh Vijay, Aman Kumawat, Ashish Prajapat, Aman Verma, Ashutosh Dashora and Mayank Sharma	Solar Scare Mosquito
4	T3_P_EE_261	Harshit Tiwari, Amarjeet Kumar, Kunal Kumar, Himanshu Jajolia and Dr Pankaj Gakhar	Iot based smart parking for ev with solar charging unit in automation mode
5	T3_P_EE_263	Ashutosh Sharma, Kundan Kumar, Harsh Meena and Javed Alam	Face Recognition Door Lock System Using Raspberry Pi
6	T3_P_EE_264	Ajay Gupta, Arjun Kumar and Chothmal Yadav	A Review of Hardware Implementation Design of Boost Converter
7	T3_P_EE_265	Mansi Bardawat, Ayush Gupta, Yashshvi Meena and Saney Thakur	LED light [illegible]

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8	T3_P_EE_271	Bhavesh Jain, Aryavardhan Paradia, Devanshu Jain and Gulshan Kumar Ajmera	Arc Models for Circuit Breaker
9	T3_P_EE_274	Meenakshi Ratnawat, Priya Kanwar, Rajveer Saini and Md. Rizwan	Protection of Induction motor from phase and temperature

Track-4: Mechanical Engineering

S. No.	Paper ID	Author(s)	Paper Title
1	T4_P_ME_022	Vishad Tainwala, Ayan Solanki, Sachin Yadav, Nadeem Khan and Kanishk Baheti	Solar Dryer
2	T4_P_ME_023	Ankur Payal, Anish Gurjar, Tanuj Sharma and Kalpit Jain	Wheeel Alignment Sensors
3	T4_P_ME_025	Md Yusuf Rahmani and Surendra Kumar Saini	Hybrid Ultrasonic Welding: a review
4	T4_P_ME_027	Harshit Sarsiya, Gourav Singh, Mahesh Kumar Vaishnav, Rupal Srivastav and Narayan Lal Jain	Bio oils as Alternative fuel in Diesel Engine - A Review
5	T4_P_ME_028	Arpit Singh, Ayyan Khokar, Muahmmad Rafique, Shahbaz Sayyad and Surendra Kumar Saini	Abrasive Jet Machining: A Review
6	T4_P_ME_062	Kunal Yadav, Anmol Jain and Jagrati Agarwal	3D-Printing for Biomedical Application
7	T4_P_ME_078	Atul Singh and Dr. Narayan Lal Jain	An Introduction and Prospect of Geothermal Energy in Power Sector of India
8	T4_P_ME_079	Paramveer Singh Hada and Dr. Narayan Lal Jain	Using Canola-based biofuel in a diesel engine and Analysis of Its Effect on Engine Performance and Emission Characteristics
9	T4_P_ME_082	Nidhish Pareek and Sanjay Kumawat	Cloud Manufacturing Defination, Trend and future scope
10	T4_P_ME_083	Lakshay Khandelwal, Kalpit Jain and Lakshay Mittal	Potential barriers in the adoption of block chain technology
11	T4_P_ME_088	Prabhakar Thakur	Numerical investigation of conventional and modified Savonius wind Turbine
12	T4_P_ME_089	Akash Gupta and Dr. Raj Kumar Satankar	High Temperature Applications of Heat Exchanger
13	T4_P_ME_090	Bhupendra Khandelwal and Sanjay Kumawat	Application of Nanotechnology In The Automobile Industry
14	T4_P_ME_091	Bablu Jha	Recent advances in heat exchanger

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15	T4_P_ME_092	Kumar Nandish and Rahul Sharma	Glass Fiber - reinforced polymer composite - A review
16	T4_P_ME_093	Shashank Sharma and Rahul Sharma	Natural Fibre Reinforced Composites & Its Applications
17	T4_P_ME_096	Gaurav Kumar	Composite Materials of wind turbine
18	T4_P_ME_097	Gaurav Kumar and Narayan Lal Jain	Composite Materials of wind turbine blades
19	T4_P_ME_098	Karan Singh	Recent Electric Vehicle Advancements
20	T4_P_ME_099	Dhirendra Singh Sisodiya	3D Printing : And It's Future Scope
21	T4_P_ME_100	Jobin David and Sanjay Kumawat	Piezoelectric driven thermoacoustic refrigerator
22	T4_P_ME_102	Abdullah Khokar and Rahul Sharma	Antilock Braking System
23	T4_P_ME_103	Piyush Sharma and Dr. Akshay Jain	Fiber reinforced Polymer
24	T4_P_ME_104	Abhinandan Agrawal and Kalpit Jain	Advancement in Cooling System
25	T4_P_ME_105	Rakesh Kumar	Electrochemical Machining Process
26	T4_P_ME_106	Gajendra Singh	Metal Inert Gas Welding And Its Application
27	T4_P_ME_107	Rohit Kumar Verma and Rajkumar Satankar	Regenerative Braking System
28	T4_P_ME_108	Md Mahfooz Mahfooz, Dr. Mohammad Israr and Dr.Narayan Lal Jain	Hydrogen as a Fuel
29	T4_P_ME_109	Sarthak Jagdaley	Utilization Of Waste For Utility Of Livinghood
30	T4_P_ME_110	Athrav Joshi	a review on supply chain management
31	T4_P_ME_111	Ashish Sonwal and Kalpit Jain	Review on Plastic Injection Molding
32	T4_P_ME_112	Shailesh Katara and Dr. Narayan Lal Jain	Hydrogen fuel cell technology
33	T4_P_ME_113	Aman Kumar and Amit Kumar Mandal	Recent Advancements in Automobile Safety System
34	T4_P_ME_114	Ashish Jangid and Sanjay Kumawat	Artificial Intelligence : Boon or Bane
35	T4_P_ME_115	Rohit Pradhan and Shubham Yadav	Experimental Study on Wire EDM
36	T4_P_ME_116	Sandeep Saini and Manish Saini	Optimization study on wire EDM
37	T4_P_ME_117	Agam Gautam and Dr. Surendra Kumar Saini	Non-Pneumatic Tyers
38	T4_P_ME_118	Junaid Mastan	Laser Beam Machining Optimization : A Review

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39	T4_P_ME_119	Mohammad Yameen	Fuel From Plastic Waste
40	T4_P_ME_121	Aayush Poonia	Industry 4.0
41	T4_P_ME_122	Pintu Sharma and Akshay Jain	Application of biofuels for heat generation
42	T4_P_ME_123	Aakash Shukla	Just in Time in Small and Medium Scale Industry
43	T4_P_ME_124	Dushyant Sharma and Rahul Sharma	fabrication , classification and application of polymer composites
44	T4_P_ME_125	Abhishek Kumar and Amit Mandal	Underwater Windmill
45	T4_P_ME_126	Hemendra Kumawat and Rahul Sharma	Composite Material in Automobile Application
46	T4_P_ME_127	Chitransh Jangir and Rahul Sharma	Thermo Mechanical Analysis of Composite Cylinder Liners using Finite Element Analysis
47	T4_P_ME_128	Prashant Panwar, Dr Akshay Jain and Junaid Mastan	Unconventional machining method
48	T4_P_ME_129	Neeraj Yadav and Dr. Akshay Jain	Optimization Of Turning Process By Using Lathe Machine
49	T4_P_ME_132	Prashant Pawar and Dr. Akshay Jain	Unconventional machining methods
50	T4_P_ME_133	Tanmay Gupta	Develiopment of solar energy worldwide
51	T4_P_ME_134	Shivanand Kumar Singh and Dr Rajkumar Satnakar	Plastic welding
52	T4_P_ME_135	Amit Yadav and Sanjay Kumawat	An Overview Mf Additive Manufacturing
53	T4_P_ME_136	Aditya Chaudhary and Amit Mandal	Introduction to Nanotechnology
54	T4_P_ME_137	Rahul Singh	Electric Vehicle
55	T4_P_ME_141	Tanmay Saini and Amit Mandal	Productivity of Educational Institute
56	T4_P_ME_142	Rahul Jain and Raj Kumar Satankar	Wear Behavior Of Alloy Steel Under Different Conditions
57	T4_P_ME_143	Sudipt Sharma and Surendra Kumar	Advances in Abrasive jet machining
58	T4_P_ME_144	Prashant Kumar Sharma	optimizatin of drilling process by using lathe machine
59	T4_P_ME_145	Tushar Ranjan Sharma and Sanjay Kumawat	Extraction of Portable Water from Vehicle Engine Exhaust for Emergency Situation
60	T4_P_ME_147	Yash Sharma and Dr. Amit Mandal	Ceramic Adhesive And Methods For On-Orbit Repair Of Re-Entry Vehicles
61	T4_P_ME_148	Robin Jangid	metal arc welding

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62	T4_P_ME_150	Manish Jangid	3D Printing Materials
63	T4_P_ME_170	Khushall Sahu and Akshay Jain	Parametric Optimization Of Lathe Machine Parameters
64	T4_P_ME_180	Arpit Saini, Kalpit Jain, Arpit Saini and Arpit Saini	Artificial intelligence of automobile
65	T4_P_ME_185	Akash Parashar and Dr. Akshay Jain	Non-Traditional Maching
66	T4_P_ME_188	Mahendra Kumar Choudhary	Insulation Bricks manufacturing using Fly Ash & Waste Materials of Mines
67	T4_P_ME_215	Paramjeet Kumawat and Narayan Lal Jain	Ethanol as a biofuel and its impact on internal combustion engines emanation decrease
68	T4_P_ME_216	Shubham Mehra and Dr. Narayan Lal Jain	Applicatons of ANSY in BIO Medical field
69	T4_P_ME_217	Abhishek Choudhary, Nagendra Lamoria, Pragya Ghiya and Shirish Nagar	Enhancing Consumer Experience in E-Commerce Applications
70	T4_P_ME_218	Triyanshi Gupta, Shreya Jain and Nitya Nidhi Sharma	A Review on Image Steganography
71	T4_P_ME_219	Deepesh Yadav	Development of portable treatment unit for domestic kitchen waste
72	T4_P_ME_220	Amardeep Jarwal, Jaya Rathore and Rithik Shrivastava	Study on Pre-Fabricated Structures
73	T4_P_ME_222	Shubham Yadav and Dr. Narayan Lal Jain	Future Prospect of Hydrogen Fuel
74	T4_P_ME_243	Sandeep Sharda and Sanjeev Mishra	Integrated mathematical solution for spare parts stock and cost control Management: Perspective to Petroleum & Fertilizer Industries
75	T4_P_ME_287	Rahul Sharma and Abhishek Chauhan	Industrial Automation

Track-5: Civil Engineering

S. No.	Paper ID	Author(s)	Paper Title
1	T5_P_CV_012	Silsilah U P, Dr Sathyamoorthy G L and Dr. Dhoulath K A	Sustainable Energy and Water Development
2	T5_P_CV_020	Sangeeta Soibam, Vivek Laishram and Albino Kumar Potsangbam	Kinetics and Thermodynamics studies of enhanced Cr(VI) adsorption using activated carbon prepared from a low-cost adsorbent
3	T5_P_CV_029	Praveen Kumar Sharma and Khushboo Meena	The Review Paper on Self Heal[illegible]

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4	T5_P_CV_032	Khushboo Meena and Praveen Kumar Sharma	The Review Paper on Fly Ash Bricks and Its Physical Properties
5	T5_P_CV_037	Raghav Gupta, Supratik Kataria, Yuvraj Meena and Bhim Singh	A Study on Kolkata Port
6	T5_P_CV_173	Akshat Saran, Sushank Kumar, Shubham Garg and Arvind Khatik	Rain Water Harvesting With Drip Irrigation and Solar Energy
7	T5_P_CV_186	Anil Gupta	A Review on E- Waste Management in India
8	T5_P_CV_191	Rituraj Singh and Arvind Singh Rathore	Silica Fume And Fly Ash Impact On Concrete Mix Design
9	T5_P_CV_196	Manokamna Singh	Advanced Survey Methods Use in Highway Construction
10	T5_P_CV_224	Divyanshu Kumawat	Use of sand stone waste as an ingredient in concrete mix design
11	T5_P_CV_226	Rafiq Bahleem and Balwan Sheshma	Study of High Performance Concrete by Using Admixtures
12	T5_P_CV_227	Onkar Pulli, Sunilkumar Patil and Prashant Dhanshetti	Structural Analysis of Diagrid Multi-Storied Building
13	T5_P_CV_228	Narpat Singh, Pranav Khajuria, Gajendra Panwar and Balwan Sheshma	A Case Study On “Bamboo as a Building Material”
14	T5_P_CV_229	Suyash Maske and Mahesh Kalyanshetti	Seismic Response of Reinforced Concrete Elevated Service Reservoir with Different Staging Pattern Considering Soil Structure Interaction
15	T5_P_CV_233	Javed Ghori and Balwan Sheshma	Repair and Rehabilitation of RCC Structures
16	T5_P_CV_244	Ruchi Agrawal	Uses of GIS in transportation system
17	T5_P_CV_246	Tabish Quadri and Shreeja Kacker	Enhancement of Air Quality Index of Delhi During Lockdown Period Amidst Covid-19
18	T5_P_CV_247	Jaywant Madane and Sunilkumar Patil	Seismic Performance of Multistorey Building of Underground Multiple Storeys Parking With Shear Wall
19	T5_P_CV_270	Shubham Nair	Solid Waste Management And Health

MODEL CONTEST

Track-1: Computer Engineering / Information Technology

S. No.	Model ID	Author(s)	Model Name
1	T1_M_CS_010	Harshita Sharma, Arti Yadav, Aarti Suthar and Gaurav Kumar	Recommendation System
2	T1_M_CS_031	A Sai Pavan Teja and A Kumar	Intelligent Systems for Automatic Supervision of Temperature and Social Distancing in Institutions/Organizations
3	T1_M_CS_036	Rishabh Jain, Tushar Sharma, Sharma Chetan and Sarthak Bharadwaj	Analysis of Airline Dataset using Machine Learning Techniques
4	T1_M_CS_039	Yatika Bochiwal, Rahul Yadav, Vishal Arya, Yagyansh Jaiswal and Yash Vardhan Singh Pawar	Detecting Phishing Website Using Machine Learning
5	T1_M_CS_041	Bhupesh, Arnav Sharma, Aish Joshi, Ankur Chaurasia and Dr. Monika Goyal	Road Lane Detection using Python and AWS DeepRacer
6	T1_M_CS_042	Mansi Kumari, Kritika Soni, Nikhil Sharma and Om Shukla	Snake Game Using Machine Learning
7	T1_M_CS_043	Batsal Kumar, Brajesh Ranjan Sharma, Deepak Kumar, Akash Yadav and Manish Choubisa	Real-time video based emotion recognition using convolutional neural network
8	T1_M_CS_050	Keshav Vijayvergiya, Mohit Singhal, Niharika Saini, Namrata Gocher, Harshdeep Singh and Harshita Virwani	Digital Attendance System
9	T1_M_CS_054	Harshit Chugh, Harshit Gupta, Harshit Khandelwal and Mudit Agrawal	The Distancometer
10	T1_M_CS_084	Gunank Bansal, Aashita Jain and Chetan Sharma	Selling and Renting of Buildings (Web Development)
11	T1_M_CS_193	Prakhar Mathur, Khushi Sharma, Kajal Lalchandani and Ayushi Khandal	Sign-Language Recognition System
12	T1_M_CS_209	Dhruv Jain, Lovish Yadav, Kartikey Singh and Kharanshu Kashyap	Online Food Ordering System
13	T1_M_CS_211	Mohini Garg, Lalit Kumar Dhanjani, Madhur Bhardwaj, Aditi Yashwant Sharma and Puja Kumari	Brick and mortar
14	T1_M_CS_213	Ajay Yadav, Shubham Roy, Prakhar Mishra and Prateek Srivastava	Time Table Manager App

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15	T1_M_CS_230	Gaurav Mishra, Vishal Chaudhary, Akanksha Kumari, Dharmendra Mishra and Gautam Rana	Hospital Management System
16	T1_M_CS_245	Rashid Kha and Manan Joshi	Designing and elevation of house through AutoCAD and Revit software
17	T1_M_CS_250	Devendra Singh Rao, Divyansh Agarwal, Esha Kapoor and Gautam Sharma	Research Paper on Physical Activities for Fitness
18	T1_M_CS_251	Gaurav Singh Rathore, Lakhan Singh and Arun Sharma	Forever Home for Homeless (pets)
19	T1_M_CS_256	Satyam Bansal, Parth Pandey, Tarush Saini and Saurabh Gangwani	Home automation using Arduino UNO

Track-2: Electronics & Communication Engineering

S. No.	Model ID	Author(s)	Model Name
1	T2_M_ECE_070	Ayush Jain, Bhavit Choudhary and Abhay Pratap Singh	Face Detection
2	T2_M_ECE_178	Lalit Agarwal, Shivendra Singh Rathore, Samiksha Agarwal and Kanak Madan	IoT Based Home Automation
3	T2_M_ECE_187	Nemichand Chhipa, Kishan Baranwal, Manish Kumar Vaishnav and Raman Kumar	You Only Look Once (YOLO)
4	T2_M_ECE_289	Aqib Nassar, Anuj Sharama, Arbaj Khan and Ashok Samrat	Vehicle Number Plate Recognition Using MATLAB

Track-3: Electrical Engineering

S. No.	Model ID	Author(s)	Model Name
1	T1_M_EE_258	Ashish Meena, Kunal Jain, Vishnu Mahawar and Achal Singhal	Sumo War
2	T1_M_EE_259	Mohit Joshi, Nidhi Singh Bunker, Mayank Yadav, Khushi Verma and Jatin Agarwal	Scenario Making Using IPG Carmaker
3	T3_M_EE_267	Bhuvanesh Chaudhary, Garvit Khandelwal, Hemant K. Sharma, Vivek Yadav and Yash K. Katara	Lithium Ion Cell Capacity Tester Using Arduino
4	T3_M_EE_275	Md Anas Zaim Khan, Abhishek Dubey, Abhishek Kumar, Surender Kumar	Society of Automotive Engineers India(SAE) Autonom

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		and Kanhaiyalal Nil	
5	T3_M_EE_278	Girish Mittal, Gaurav Sharma, Gaurav Gupta and Aditya Gupta	Solar EV Fast Charger
6	T3_M_EE_279	Rameshwar Mode and Kiran Dongre	Simulation and Analysis of Grid Tied Inverter for Renewable Energy Sources
7	T3_M_EE_280	Rameshwar Mode and Kiran Dongre	Review on Simulation and Analysis of Grid Tied Inverter for Renewable Energy Sources

Track-4: Mechanical Engineering

S. No.	Model ID	Author(s)	Model Name
1	T4_M_ME_017	Akhila Rupesh	Design of Parallel and Counter Flow Heat Exchanger with Effectiveness Improvement Technique
2	T4_M_ME_026	Prabhakar Thakur, Piyush Sharma, Shubham Mehra and Pradhumn Vijay	A method to reduce self starting problem in a savonius wind turbine
3	T4_M_ME_120	Amit Kumar, Amit Kumar and Amit Kumar	Reduction of Internal Combustion Emissions through Bio-Fuel Application
4	T4_M_ME_214	Robin Jangid and Rajkumar Satnakar	Artificial intelligence an automation and work
5	T4_M_ME_221	Apil Meena	A Review on Grouting as a structural repair, retrofitting and strengthening techniqu
6	T4_M_ME_223	Ishant Saugat, Bharat Sharma, Rahul Mahawar, Praveen Bhardwaj	Waste Sorting Machine
7.	T4_M_ME_276	Atul Singh, Paramveer Singh Hada, Nidhish Pareek, Shailesh Katara and Dr. Surendra Kumar Saini	Development and Study of Smoke Tower

Track-5: Civil Engineering

S. No.	Model ID	Author(s)	Model Name
1	T5_M_CV_016	Akhila Rupesh	Systematic Approach in Determining Runway Orientation using Windrose Diagram
2	T5_M_CV_073	Aryan Diwala, Jatin Meena and Kiran Gaur	Hydraulic TRS system
3	T5_M_CV_074	Sakshi Sharma, Komal Kumari and Saloni Tabiyar	Smart city

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4	T5_M_CV_075	Tannu Yadav, Pooja Meena, Abhishek Saini and Bhumi Verma	Arduino GPS Vehicle Tracker
5	T5_M_CV_076	Pranshul Jain, Prateek Sharma, Kunal Matted and Sachindra Singh Ola	Rotating bridge
6	T5_M_CV_080	Sindhu Kumari, Chirakshi Agarwal, Vikas Dhukiya and Ajay Kumar	Hydraulic parking system
7	T5_M_CV_085	Vinod Jat, Vikas Khatri, Shubham Meena and Jeetkesh Meena	Multivarient car parking
8	T5_M_CV_086	Vishal Karol, Harshit Kumar Taiter, Virendra Soni and Vijendra Kumawat	Smart Irrigation system
9	T5_M_CV_152	Shyam Sundar Meena, Himanshu Sharma, Harshit Sharma and Toufeeq Sheikh	Earthquake building resistance,
10	T5_M_CV_223	Ishant Saugat, Bharat Sharma, Rahul Mahawar and Praveen Bhardwaj	Waste Sorting Machine
11	T5_M_CV_225	Kriyanshu Meena, Shivansh Naraniya, Shreyansh Harsana and Sunny Kumar	Suspension Bridge
12	T5_M_CV_234	Sahil Angural, Akash Kumar, Satish Kumar and Prateek Gangwal	Partial Replacement of Coarse Aggregates by Jhama Bricks in Concrete
13	T5_M_CV_235	Zahid Qayoom, Majid Ashraf, Aman Singhal and Surya Parkash	Manufacturing of brick by using marble slurry clay sugarcane bagasse
14	T5_M_CV_238	Rahul Kumar Meena, Jayesh Kumar Jain, Lalchand Bairwa and Narendra Kumar Meena	Suspension Bridge Model
15	T5_M_CV_240	Hemant Saini, Aaditya Jangir, Bhupendra Kumar and Abhinav Sharma	Writing Machine
16	T5_M_CV_262	Jai Prakash, Manjeet Singh, Narendra Nath, Jatin Kumar and Shivshesh Shan	Automatic Irrigation System
17	T5_M_CV_266	Manish Dashora, Mayur Sharma, Abhisheak Vaishnav, Rani Gurjar and Dinesh Meena	Advanced Hydraulic Bridge on Railway Track
18	T5_M_CV_286	Avnish Kumar, Pankaj Kumar Meena and Akhilesh Kumar Patil	Bio Sand Filter

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VALEDICTORY SESSION:

Organized by
Poornima College of Engineering, Jaipur

Date: 22 January 2022 Time: 3:00 PM to 4:00 PM Venue: Online Platform (Microsoft Teams)

Valedictory Programme Outline

(Microsoft Team Link: https://tinyurl.com/2p8kckbc)

S. No.	Activity	Scheduled Time
1.	Welcome of Dignitaries and Introduction of Event by anchors- Mr. Kuldeep Sharma & Dr. Sarveen Sachdeva ● **Prof. R. A. Gupta, Vice Chancellor, Rajasthan TechnicalUniversity (Chief Guest)** ● **Dr. Mahesh Bundele**, Director &Principal, PCE ● **Mr. Pankaj Dhemla**,Vice Principal, PCE ● **Ar. Rahul Singhi**, Director, Poornima Group ● **Dr. Rekha Nair**, Convener, Technovation 2021 ● **Dr. Surendra Kumar Yadav**, HOD,CSE, PCE ● **Mr. Amol Saxena**, HOD, IT, PCE ● **Dr. Garima Mathur**, HOD, EC, PCE ● **Dr. Pravin Sonawane**, HOD, EE, PCE ● **Dr. Narayan Lal Jain**, HOD, ME, PCE ● **Dr. Pran Dadhich**, HOD, CIV, PCE ● **Mr. Shailendra Kasera**, HOD, I Year, PCE	3:00 PM - 3:03 PM
2.	Welcome of **Chief Guest,Prof. R. A. Gupta, Vice Chancellor, Rajasthan Technical University** by **Dr. Mahesh Bundele**, Principal & Director, PCE with virtual Bouquet & Memento.	3:03 PM - 3:05 PM
3.	Report of the Event by Track Chairs, Technovation 2021 ● **Mr. Amol Saxena**, HOD, IT, PCE ● **Dr. Garima Mathur**, Track Chair, EC ● **Dr. Pravin Sonawane**, Track Chair, EE ● **Dr. Narayan Lal Jain**, Track Chair, ME ● **Dr. Pran Dadhich**, Track Chair, CIV	3:05 PM - 3:15 PM
4.	Address by **Mr. Rahul Singhi**, Director, Poornima Group	3:10 PM - 3:15 PM
5.	Address by **Dr. Mahesh Bundele**, Director & Principal, PCE	3:15 PM - 3:20 PM
6.	Event Feedback by Participants	3:20 PM - 3:25 PM

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7.	Introduction of **Chief Guest Prof. R. A. Gupta, Vice Chancellor, Rajasthan Technical University** by anchors and Address by the Chief Guest	3:25 PM - 3:35 PM
8.	Announcement of Winners & Virtual Prize Distribution to Winners of the event	3:35 PM - 3:45 PM
9.	Vote of Thanks by Mr. Pankaj Dhemla, Vice Principal, PCE	3:45 PM - 3:50 PM
10.	Group Photograph	3:50 PM - 3:55 PM

WINNERS LIST - TECHNOVATION-2021:

Track 1: Computer Engineering & Information Technology					
Award	**Paper ID**	**Authors**	**Title**	**Author Email IDs**	**Affiliation**
First	T1_P_CS_018	Md Mojahidul Islam, Dipta Talukder and Malarvizhi N.	An IoT based Smart Saline Level Monitoring System for Health Care Applications	vtu18598@veltech.edu.in, vtu18596@veltech.edu.in, drnmalarvizhi@gmail.com	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
Second	T1_P_CS_038	Rishi Goyal, Ridhvi Kulshrestha, Richa Garg, Ishan Jain, Priyansh Sharma and Sonam Gour	A Review on Google Lens Clone using Image Recognition	2019pcecsrishi140@poornima.org, 2019pcecsridhvi139@poornima.org, 2019pcecsricha138@poornima.org 2019pcecsishan75@poornima.org, 2019pcecspriyansh130@poornima.org, sonam.gour@poornima.org	Poornima College of Engineering, Jaipur
Track 2 & 3: Electronics & Communication Engineering and Electrical Engineering					
First	T2_P_ECE_002	Siddhant Goswami and Deepak Karia	Compact Metamaterial Octagonal Antenna for Wireless Body Area Network	siddhantgoswami23@gmail.com, deepak_karia@spit.ac.in	Sardar Patel Institute of Technology, Mumbai
Track 4 & 5: Mechanical Engineering and Civil Engineering					
First	T5_P_CV_020	Sangeeta Soibam, Vivek Laishram and Albino Kumar Potsangbam	Kinetics and Thermodynamics studies of enhanced Cr(VI) adsorption using activated carbon prepared from a low-cost adsorbent	sangeetasoibham46@gmail.com, viveklaishram53@gmail.com, albinoiit@gmail.com	National Institute of Technology, Manipur

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First	T4_P_ME_083	Lakshay Khandelwal, Kalpit Jain and Lakshay Mittal	Potential barriers in the adoption of block chain technology	2018pcemelakshay37@poornima.org, er.kalpitl988@gmail.com, 2018pcemelakshay38@poornima.org	Poornima College of Engineering, Jaipur
Second	T4_P_ME_025	Md Yusuf Rahmani and Surendra Kumar Saini	Hybrid Ultrasonic Welding: a review	2019pcemeyusuf703@poornima.org, surendra.kumar@poornima.org	Poornima College of Engineering, Jaipur

Track 1: Computer Engineering & Information Technology					
Award	**Model ID**	**Authors**	**Title**	**Author Email IDs**	**Affiliation**
First	T1_M_CS_031	A Sai Pavan Teja and A Kumar	Intelligent Systems for Automatic Supervision of Temperature and Social Distancing in Institutions / Organizations	20pa1a0405@vishnu.edu.in, 20pa1a0408@vishnu.edu.in	Vishnu Institute of Technology, Andra Pradesh
Track 2 & 3: Electronics & Communication Engineering and Electrical Engineering					
First	T3_M_EE_259	Mohit Joshi, Nidhi Singh Bunker, Mayank Yadav, Khushi Verma and Jatin Agarwal	Scenario Making Using IPG Carmaker	2019pceeemohit40@poornima.org, 2019pceeenidhi43@poornima.org, 2019pceeemayank36@poornima.org, 2019pceeekhushi27@poornima.org, 2019pceeejatin23@poornima.org	Poornima College of Engineering, Jaipur
Track 4 & 5: Mechanical Engineering and Civil Engineering					
First	T5_M_CV_075	Tannu Yadav, Pooja Meena, Abhishek Saini and Bhumi Verma	Arduino GPS Vehicle Tracker	2020pcecetannu44@poornima.org, 2020pcecepooja54@poornima.org, 2020pceceabhishek04@poornima.org, 2020pcecebhumi56@poornima.org	Poornima College of Engineering, Jaipur

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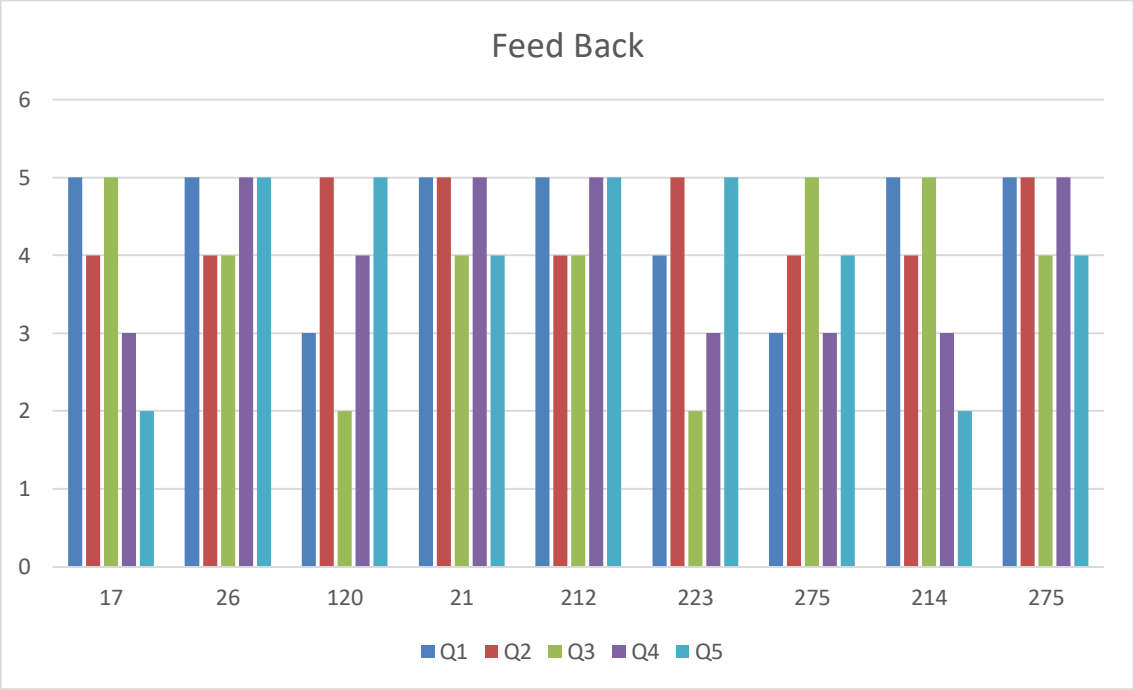
FEEDBACK ANALYSIS:

Questions asked

1. How do you rate Speaker's talk?
2. Technical Sessions were informative and managed well.
3. The organization of the conference was?
4. Timely Information sharing with participants, and responses from the organizers.
5. Knowledge sharing during the conference?



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BUDGET & ACTUALS:

S. NO.	EXPENDITURE	AMOUNT
1	Paper Publication Fee	205000
2	Souvenir Print	40,000
3	Inaugural Expenditure	10,000
4	Other Expenditure	10000
5	Best Paper Awards	25000
Total Expenditure		290000

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