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College Code: 231

R. D. ENGINEERING COLLEGE

Approved by AICTE New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow
under the aegis of IQAC

7.2.1 Best Practices

Title of the Practice-2

**Science, Technology, Engineering and Data
Management Innovation Center (STEADMIC)**

A handwritten signature in blue ink, likely belonging to the Director of R.D. Engineering College.

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Duhai, Ghaziabad

Title of the Practice: - Science, Technology, Engineering and Data Management Innovation Center (STEADMIC)

A well structured and formulated Innovative STEADMIC team has been established with vision to achieve excellence in Innovative project and create an outstanding climate of project development for the STEADMIC team and broadly enable projects advances to meet National and International needs.

Objective of the practice:

- To motivate the STEADMIC team to concentrate on innovative project development related activities like utilization of the project by the user in their required needs.
- To promotes their project in commercialize by which users can interact with project.
- The evince interact with STEADMIC team so that efforts to establish collaborative developed projects with their counter parts in Reputed National commercialize places and International Commercialize places.
- To encourages STEADMIC team to submit proposals and secure funded projects from various funding agencies in India and abroad.
- To undertakes consultancy projects sponsored by Government as well as private Industrial and other organizations.

The Context:-

STEADMIC team activities create and disseminate new knowledge in different fields, promotes innovation and motivates better learning and teaching among faculty members and students in our Institute as there are often incorporated in the courses. Projects development activity is the foundation of innovative knowledge that brings new energy, build state of creation facilities, promotes commercialize agencies and industries and develop colleborations. Students are benefitted in significant ways from having STEADMIC team and their instructors.

The Practice:-

Science and technology (STEADMIC departments) operates through a well drafted policy and team to operatives. In STEADMIC department all the experience faculties and experts are has design to keep tabs on the progress of the STEADMIC department procedure in every quarterly basis. How much project has developed and what is in current scenario, and what are the future plans and how is they find some liberties such as incentive apprecatince for the STEADMIC work. under the STEADMIC policy the amount of incentives provided to the project developers depend on the impact factor of development of innovative project. RDEC college which is affiliated to AKTU Lucknow who want to colleges will provide students a innovative ideas and project for future use .by which students will improve the performance for in development environment in this case college will provide some amount to students by which students and team can be search and find projects ideas and develop in innovative environment.


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Evidence of success:-

The STEADMIC policy has provided all ideas and development procedure on the website of <https://innovationrdec.in/> to how to develop and innovative ideas for new procedure and technologies for the students that they will practice and practical with innovative projects and ideas.

Problem encountered and resource required:-

The major issues was to motivate the undergraduate students to become a part of this research initiative of the institute ,but constant interaction with post graduate students and technological expert faculty of the STEADMIC department who addressed their concerned and motivated them at least give it a try brought out some fruitful contribution from these students .


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STEADMIC

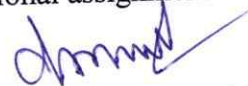
Jan.2023

Development of Innovative project Original Lab /Experimental Learning is the need of Time to supplement the offline and online –Learning process. So as to more effective as could clearly be perceived in today's context. it's a requirement of education to developed and learn project for expertness in their specific subjects.

1. TechAdventure-

- Steadmic is a department where students gradually develop lab/experiments across various disciplines. Steadmic is for virtual lab development on institute level is hereby constituted with an objective to promote awareness about projects .apprise /provide students a Platform to access laboratory experiments online /offline explore concepts of various projects.
- Dr.Kumar Krishen, Vice president Steadmic department is here by designated as Tech Adventure-students learning for virtual Lab Development with Immediate effects.
- A well defined structure of Steadmic department.w.r.to objectives of the development of project and its structure composition viz. Vice president,coordinator,Co-coordinator,faculty coordinator, student coordinator ,student members their role and responsibilities, for development enhancement and learning is attached.
- Mr.Yogendra Tiwari shall submit daily to daily activity reports w.r.to Steadmic Progress/planning etc.to vice presidents on regular basis.
- Mr.Yogendra Tiwari shall be performing the above duties in addition to his academic engagement & will responsible to the vice president for this additional assignment.

for



Dr.Kumar Krishen

Vice President.

Copy To:

Deputy director/Deans/HODs(CS/IT/EC/CE/AS/MCA/MBA).

.Dr.D.S.Chauhan-coordinator, Steadmic Department.

2. Mr.Yogesh Gupta-Faculty Co-ordinator Steadmic Department.



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Tech Edventure in Steadmic of Students for Virtual lab Department:-

Introduction:-Experiment learning has played an important role in the education. Through experiment student can apply their theoretical and conceptual knowledge.

By learning thorough the practical students have knowledge for long life. If student will gain knowledge practically then students will skilled and it will be helpful in their jobs.

With the collaboration of IITs, NIITs, IIITs, Virtual Labs are launched in Feburary2012.By MHRD under Mission on education through information and communicationTechonology with the following objectives:

Steadmic departments provide remote accesses lab in various manner in science and technology departments.

Steadmic has provided curiosity in students to learn basic and advanced concept through remote experimentation.

Steadmic provide the Teaching and learning systems around the virtual Lab where the students can gain various tools for learning, webresources, remote control tools, andself assessments.

Steadmic department provide costly instruments which are otherwise available to limited number of users due to limited time and a large scale of distances.

Objectives:

The main advantage of Tech Adventure steadmic are :

To develop the labs and experiments which are not available in Virtual labs.

Mapping the existing labs on web site <https://innovationrdec.in/>

To organize activities for awareness development of project by students.

Enhancements of knowledge in disciplines by steadmic tech adventure department very easier.


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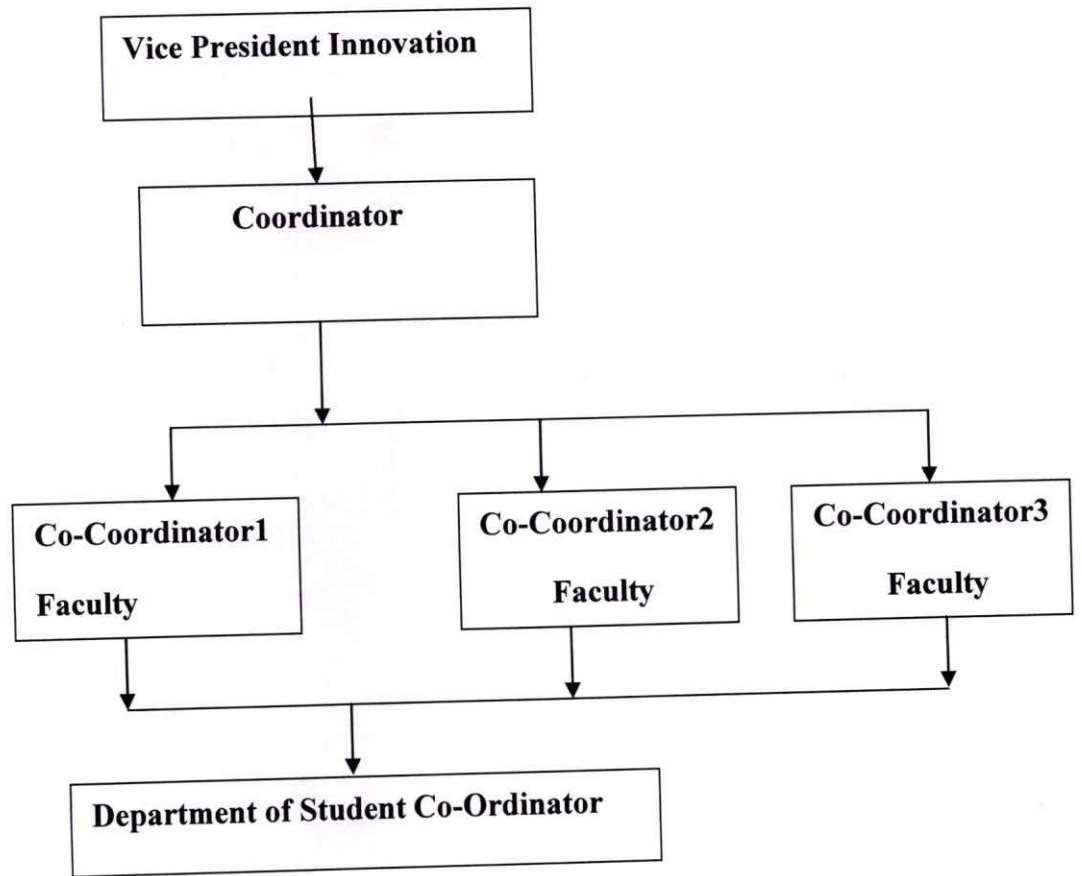
Scope:

Scope of STEADMIC department is to develop a live project on Living things such as air cooler, Refrigerators in adiabatic environment for decrease cooling temperature, remote cars and many more which can be connected through the solar power system and it will be more power full generate scope for computer science students, electrical mechanicals, electronic departments students they can work together and create an automatic environment which is helpful to users remotely control and operate. It will help to users and students for 24*7 hours to utilize their resources and techniques to upgrade them in discipline manner.

Guidance & Support : the Steadmic departments will support and guide students and users how to develop and innovative ideas for existing projects what technology and techniques has been using in specific departments for future and present use.


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Structure Of The Steadmic Departments Hierarchy:-




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Table Organization Of The Steadmic:-

Appointment	Name	Department
Vice President	Dr.Kumar Krishen	STEADMIC
Coordinator	Dr.Dharamveer singh	Mechanical Engineering
Co-Coordinator	Mr. Yogesh Gupta	Electronics Engineering
Co-Coordinator	Mr. Yogendra Tiwari	Master of Computer Applications
Faculty Co-coordinators	Mr.Deen Mohammad	Master Computer Applications
Student Co-coordinator	Ayushi Goel	B.Tech.CSE IIIyear.
	Manish Tyagi	B.Tech. EC III year
	Nalini Tyagi	B.Tech. CE III year
	Hemant Singh Patel	B.Tech. ECEIVYear
	Sweta Sharma	B.Tech. ECEIV year
	Amisha Gupta	B.Tech.CE IV year


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Roles/Responsibilities:

Coordinator:-

- Coordinate over all STEADMIC activities.
- Initiation of Development of project Lab and monitor of all activity till the completion of the STEADMIC Lab.
- Collaborate and communicate with STEADMIC, Department RDEC for development activities to provide support our education system on college level with the comparison of Industrial project.
- Organization awareness of programs for original and virtual Lab so that Faculty and students take maximum benefits of the STEADMIC Lab.
- Compile all activities related to STEADMIC projects. Monitoring over all activities.

Co-coordinator:

- To promote usage of STEADMIC Lab in Institute.
- Planning for development of STEADMIC Labs at Institute level.
- Coordination and associate the faculties and students for the development of STEADMIC labs.
- Track & monitor the progress and growth effective project of student team for an active participation in the development of virtual lab at college level.

Department of faculty coordinator:

- Identify the subject expert for the development. Communicate with TechAdventure coordinator for various activity of STEADMIC Lab Development.
- Provide daily to daily report of the development of STEADMIC Lab at department Level.
- Promote the usage of the STEADMIC Lab at department level.
- Motivate students for development of projects at department level.


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Student co-coordinator:

- The student should be energetic to work a team and follow the discipline and norms of the STEADMIC.
- Help faculty co-coordinators to organize the activities
- Follow all the limitations and instructions from the STEADMIC departments.



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ROAD MAP:**TARGET SET:-**

S.NO.	Branch/Course	Number of experiments/ Projects under process	Number of Experiments/P- rojects to be development	Target Date
1	ME	11	10	June2023
2	ECE	6	03	June2023
3	CSE	39	39	June2023
4	CIVIL	07	06	June2023
5	IT	12	12	June 2023
6	MCA	08	08	June 2023

DETAILS OF TARGET UNDER PROCESS:-

S.NO.	Branch/Course	Number of Experiments	Subjects
1	ME	01	Automobile
2	ECE	03	Communication Engineering. Robotics Based
3	CIVIL	01	Transportation Engineering. Structural Engineering.


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Details of Target Achieved:-

S.NO.	Course	Title	Guide Name
1	MCA	JAVA BASED ONLINE SHOPPING	Mrs. Swati Sharma
2	MCA	ONLINE COURSE REGISTRATI ON SYSTEM	Mr. Rakesh Sharma
3	MCA	PHARMACY MANAGEME NT SYSTEM IN PHP	Mr. Satendra Singh
4	MCA	WEB BASED CLAIMS PROCESSING	Mrs .Geeta Singh
5	MCA	HOTEL MANAGEME NT SYSTEM PROJECT IN	Mrs. Geeta
6	MCA	HKS FITNESS	Mr.Niraj Chaturvedi
7	MCA	SENDING SMS USING .NET THROUGH	Mr. Rakesh Sharma
8	MCA	ONLINE NO-DUE SYSTEM IN PHP	Mr. Satendra Singh
9	MCA	BILLING SYSTEM IN VB.NET AND	Mrs.Swati Sharma
10	MCA	ADVOCATE OFFICE AUTOMATIO N PROCESS	Mrs. Geeta
11	MCA	CANTEEN ACCOUNTIN G SYSTEM	Mr.Niraj Chaturvedi
12	MCA	COMPANY INFORMATIO N TRACKING	Mrs .Geeta Singh


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Details of Target Achieved:-

S.NO.	COURSE	Title	PROJECT GUIDE
1	CSE	VISITOR APP	MR. ADITYA JHA
2	CSE	THE WAY OF HEARING	DR. NAGRESH KUMAR
3	CSE	EFFICIENT HOME FINDER	DR. NAGRESH KUMAR
4	CSE	END-TO-END E-COMMERCE WEBSITE	DR. NAGRESH KUMAR
5	CSE	MOBILE GO: MOBILE RECHARGE APP	MR. RAVI KUMAR
6	CSE	HEART DISEASE PREDICTION SYSTEM	MR. ISHARAR AHAMAD
7	CSE	TESTIFY-X	MR. ANIRUDH KUMAR TRIPATHI
8	CSE	MEDICARE	MR. HEMANT BHARDWAJ
9	CSE	E-LEARNING WEBSITE	MR. ISHARAR AHAMAD
10	CSE	E-COMMERCE SHOPPING WEBSITE (E-SHOPEX)	MR. LAV KUMAR DIXIT
11	CSE	E-CART	MR. RAVI KUMAR
12	CSE	HOUSEKEEPER WEB APPLICATION	MR. BEERBAL SOLANKI
13	CSE	TICKET SHOOTER	MR. ADITYA JHA
14	CSE	PLACIO: CONNECTING TALENT TO OPPURTUNITIES	MR. RISHAV RAJ
15	CSE	FACE RECOGNITION SYSTEM	MR. LAV KUMAR DIXIT
16	CSE	WEB BASE PHARMACUTICAL SOFTWARE	MR. ANIRUDH KUMAR TRIPATHI
17	CSE	IMAGE2SPEECH	MR. HEMANT BHARDWAJ
18	CSE	SPORTMART: E-COMMERCE WEBSITE	MR. HEMANT BHARDWAJ
19	CSE	MERN E-COMMERCE WEBSITE	MR. ANIRUDH KUMAR TRIPATHI
20	CSE	ONLINE BOOK STORE	MR. RISHAV RAJ
21	CSE	ONLINE BOOK STORE MANAGEMENT SYSTEM	DR. NAGRESH KUMAR
22	CSE	ONLINE NEWS ARTICLE PRIDITION	MR. RISHAV RAJ
23	CSE	MEDI-MINE-MEDICINE REMINDER APP	MR. ABHINAV DAS LODHI
24	CSE	EMPRESSO: A	MR. ADITYA JHA


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		COMPREHENSIVE WEB APPLICATION	
25	CSE	EXERCISOPEDIA- THE FITNESS APP	MR. ANIL CHAUHAN
26	CSE	LINKEDIN- A SOCIAL MEDIA APP	MR. ISHARAR AHAMAD
27	CSE	A COMPREHENSIVE WEB APPLICATION FOR MUSIC WEBSITE	MR. VIKAS YADAV
28	CSE	VIRTUAL CLASSROOM	MR. HEMANT BHARDWAJ
29	CSE	RENT TO RENTAL.COM	MR. DAVESH SOM
30	CSE	ONLINE JOB PORTAL	MR. ARVIND PANWAR
31	CSE	ONLINE DOCTOR CONSULTATION	MR. ARVIND PANWAR
32	CSE	FITNESS CLUB WEBSITE	MRS. ANJALI SHARMA
33	CSE	DOTFUSCATOR	MR. HEMANT BHARDWAJ
34	CSE	DEVSPACE SMARTUPJR-ONLINE COURSE PROVIDER WITH ELEARNING AND SKILL DEVELOPMENT	MR. BEERBAL SOLANKI
35	CSE		MR. VIKAS YADAV
37	CSE	BRING GOODIES (E-COMMERCE)	MR. ADITYA JHA
38	CSE	CODEIAL-SOCIAL NETWORKING WEBSITE	PROF. NAGRESH KUMAR
39	CSE	SHOP FOR HOME	MR. ANIL CHAUHAN


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Details of Target Achieved:-

S.NO.	Course	Project Title	Project Guide
1	IT	GHUMO INDIA	DR. NAGRESH KUMAR
2	IT	MULTILEVEL MARKETTING HUB (MLM SOFTWARE)	MR. ARVIND PANWAR
3	IT	HYDRAULIC BREAK PREDICTIVE MODEL(MACHINE LEARNING)	MR. RISHAV RAJ
4	IT	VIRTUAL ONLINE EDUCATIONAL MARKETPLACE	MR. ABHINAV DAS LODHI
5	IT	ANALYSIS AND VISUALIZATION OF SALES DATA USING POWER BI	MR. ABHINAV DAS LODHI
6	IT	E-COMMERCE WEBSITE	MR. ADITYA JHA
7	IT	STUDENTS HELP DESK	MR. BEERBAL SOLANKI
8	IT	SELF WORKOUT TRAINER	RISHAV RAJ
9	IT	HEALTH CARE MAINTENANCE SYSTEM	MRS. ANJALI SHARMA
10	IT	BOOK BUDDY	MR. ANIL CHAHAN
11	IT	FACE-ION BASED ON ATTENDANCE SYSTEM	MR. ARVIND PANWAR
12	IT	A COMPREHENSIVE WEB APPLICATION FOR MOVIE REVIEW WEBSITE	MR. VIKAS YADAV


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Details of Target Achieved:-

S.NO.	COURSE	Title	Guide Name
1	ME	Mobile Charging through Walking	Dr. Dharamveer Singh
2	ME	Water Purifier for sea water	Mr. Chirag Sharma
3	ME	Smart Highway on Green Energy	Mr. Pawan Kumar Yadav
4	ME	Di- electric elastomer generator	Mr. Sanjay Paliwal
5	ME	90 degree motion car	Mr. Chirag Sharma
6	ME	Autonomous AI Mobile Robot	Dr. Dharamveer Singh
7	ME	Energy Generation Through Door Mat	Dr. Dharamveer Singh
8	ME	Solar Powered Phone Controlled Car	Dr. Dharamveer Singh
9	ME	Energy Generation Using Exhaust	Dr. Dharamveer Singh
10	ME	Automatic Bumper Car	Mr. Chirag Sharma


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Details of Target Achieved:-

S.NO.	COURSE	Title	Guide Name
1	CE	SEWAGE WASTE WATER TREATMENT WITH MICROBIAL CONSORTIUM	AMIT SHARMA
2	CE	ECOFRIENDLY MAGNETIZED CONCRETE ROAD	DR PANKAJ SINGH
3	CE	ROAD CONSTRUCTION WITH POLYTHENE AND WASTE PRODUCTS	DHARAMENDRA KUMAR
4	CE	DIE CAST ACTIVATED CARBON	DR PANKAJ SINGH
5	CE	STRUCTURAL DETAILING OF EARTHQUAKE RESISTANCE BUILDING	ANIRUDH KR
6	CE	VERMICOMPOSITING	DR PANKAJ SINGH


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Details of Target Achieved:-

Title	Course	Title	Guide Name
1	ECE	Health care mgmt. & Monitoring S/M	Mr. Prabhash Singh
2	ECE	Mobile App Development (Academics Monitoring-1)	Prof. (Dr.) Vishal Upmanu
3	ECE	IOT based ICU & Ventilator Patient Monitoring S/M	Prof. (Dr.) Shevesh Tripathi
4	ECE	Multipurpose Robot	Ms. Pooja Sharma
5	ECE	Mobile App Development (Academics Monitoring-2)	Ms. Pooja Sharma
6	ECE	Self Driving Car	Mr. Prabhash Singh
7	ECE	Advance ATM security System	Mr. Sanjeev Sharma
8	ECE	Atmospheric Water Generator using Peltier Technology.	Mr. Prabhash Singh
9	ECE	E-Commerce Website	Prof. (Dr.) Vishal Upmanu
10	ECE	Course Management System	Mr. Sanjeev Sharma
11	ECE	A line Follower with Voice Control Ability (Vehicle) with GPS and Camera	Prof. (Dr.) Shevesh Tripathi
12	ECE	Vehicle Theft and locking system (including GSM Module)	Ms. Pooja Sharma
13	ECE	Cloud Based Bus Pass (Mini Project)	Ms. Pooja Sharma
14	ECE	Wireless smart notice board using Dot Matrix	Mr. Prabhash Singh
15	ECE	Multipurpose Robot for home automation	Prof. (Dr.) Shevesh Tripathi


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ROLL NO	NAME	YEAR	BRANCH	PROJECT NAME	ORGANIZATION	AMOUNT	YEAR OF AMOUNT
1	SWETA SHARMA	3RD YR	ECE	IOT BASED SMART VENTILATION & PATIENT HEALTH MONITORING SYSTEM	UPCST	10000	2022-23
2	VISHAL SHARMA	3RD YR	MECH/ECE	MOBILE CHARGING THROUGH WALKING	UPCST	10000	
3	KUNDAN	3RD YR	ECE	STARTUP COMPETITION(Farming Drone)	ELPIS MATRIX EDUTECH	1000	MAY'2023
4	HARSH SHARMA	2ND YR	CIVIL	STARTUP COMPETITION(Ideathon to Hackathon)	ELPIS MATRIX EDUTECH	1000	MAY'2023
5	ARNAV CHOUAN & Ankita Baniwal	2ND YR	CS	STARTUP COMPETITION	ELPIS MATRIX EDUTECH	1000	MAY'2023
6	MAYANK SINGH CHOUHAN	2ND YR	CS	AI DOCTOR	ELPIS ANALYTIX	2100	FEB'2023
7	AKSHAY POUDEL	2ND YR	CS	STARTUP COMPETITION	ELPIS MATRIX EDUTECH	1000	MAY'2023
8	Bhawana	3RD YR	CIVIL	VISHWAKARMA AWARD WINNER	CIDC, New Delhi	5000	2018


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CST, UP ENGINEERING STUDENTS' PROJECT GRANT SCHEME 2022-23

LIST OF PROJECTS SELECTED FOR GRANT

Important Notice: All Group Leader will have to send Acknowledgement of Receipt of First Installment of Rs 10,000/- in the prescribed format as annexed at the end of this list with in 15 days of receipt of amount through Registered Post/Courier

S.NO.	Project ID	Applicant Name	Member Type	Branch	Guide Name	College Name	project Title	Bank Details
Civil Engineering								
1	430	Sumit Rawat	Group Leader	Civil Engineering	Dr. Preeti Agarwal	Maharishi University of Information Technology Lucknow -LUCKNOW	Partial replacement of fine aggregate with plastic, rubber, or electronic wastes for the manufacturing of concrete	Indian Bank ,Branch- MVM ,IFSC- IDIB000M540 ,Account No.-50399382561
		Ajay Singh	Group Member					
		Zeya Athar	Group Member					
		Sajid Khan	Group Member					
2	498	DEVVRAT PANDEY	Group Member	Civil Engineering	Mr. Ankur Kumar	Buddha Institute of Technology - GORAKHPUR	SWACHH LOW COST HOUSEHOLD BIO-FILTER USING HERBAL TECHNIQUE	ICICI ,Branch- Sahjanwa ,IFSC- ICIC0003201 ,Account No.- 320101500886
		PANKAJ SINGH	Group Leader					
		ADITYA GUPTA	Group Member					
3	475	Siddharth Chaurasiya	Group Member	Civil Engineering	BAIJNATH NISHAD	BUDDHA INSTITUTE OF TECHNOLOGY GORAKHPUR - GORAKHPUR	SOIL STABILIZATION USING PLASTIC WASTE	UNION BANK OF INDIA ,Branch- CIVIL ENGINEERING ,IFSC- UBIN0818208 ,Account No.-215710100028474
		ABHAY THAKUR	Group Leader					
		RIPUNJAY PRATAP	Group Member					
		SHIVSHANT KUMAR	Group Member					
4	514	Srishti Verma	Group Member	Civil Engineering	Dr. Saket kumar	Institute of engineering and rural technology prayagraj -ALLAHABAD	Early warning and continuous monitoring system (Flood)	Indian overseas Bank ,Branch- 61, M G MARG CIVIL LINES, ALLAHABAD, 211001 ,IFSC- IOBA0000350 ,Account
		Sumit Yadav	Group Leader					
		Shubhankar Dubey	Group Member					
5	531	Rahul	Group Leader	Civil Engineering	Ankur Kumar	Buddha Institute of Technology - GORAKHPUR	A STUDY OF LAND COVER CHANGE OF POTENTIAL GROWING FRINGE AREA OF GORAKHPUR CITY BY USING GIS	Paytm payments bank ,Branch- PPBL noida branch ,IFSC- PYTM0123456 ,Account No.-918080852075
		Rohit Kumar Gautam	Group Member					
		Sandeep Nishad	Group Member					
		Vikash Kumar Kannaujia	Group Member					
6	571	Mohammad Asif	Group Member	Civil Engineering	Amit Kumar, Vipin Mahadeven	Rajkiya Engineering College, Azamgarh - AZAMGARH	Experimental Study on Performance of Hardened concrete using Nano clay as an Additive.	Union Bank of India, Lalganj Azamgarh ,Branch- Katghar Bazaar, Lalganj, Azamgarh ,IFSC- UBIN0536016 ,Account No.-360102010160144
		Sareef Siddique	Group Member					
		Dheeraj Kumar Yadav	Group Member					
		Nikhil Bharti	Group Member					
7	480	Ashish Pandey	Group Leader	Civil Engineering	Ankur Kumar	Buddha institute of technology - GORAKHPUR	Time saver signal system	State Bank of India ,Branch- Khajani ,IFSC- SBIN0013154 ,Account No.-40847072826
		Manak Gupta	Group Member					
		Ashutosh Singh	Group Member					
		Shweksha Tripathi	Group Member					
		Aman Kumar Chaubey	Group Leader					
8	571	Rinki	Group Member	Civil Engineering	Prof. J.B. Srivastava and Er. Vikash Singh	Institute of Engineering & Technology - LUCKNOW	Potential Application of MSW as a Road Embankment Material	Bank of Maharashtra ,Branch- Rajnikhand ,IFSC- MAHB0001938 ,Account No.- 60161669049
		Shalu Yadav	Group Member					
		Rajiv Patel	Group Member					
		Riddhi Shukla	Group Leader					

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26	384	Anaam Singh	Group Leader	Communication Engineering	Dr. Amrita Rai	Technology and Management, Greater Noida -GAUTAM BUDDHA NAGAR	System	Court ,IFSC- SBIN0003879 ,Account No.-38282965238
27	630	Sweta Sharma	Group Leader	Electronics & Communication Engineering	Prof.(Dr.)Shivesh Tripathi	R.D.Engineering College GHAZIABAD	IOT BASED SMART VENTILATION AND PATIENT HEALTH MONITORING SYSTEM	SBI ,Branch- railway road ,murad nagar ,IFSC- SBIN0005888 ,Account No.- 39788691275
28	509	shivangi mishra	Group Leader	Electronics & Communication Engineering	Mr. Mahesh Kumar Singh	Buddha Institute Of Technology,Gorakhpur(U.P.) -GORAKHPUR	Doctor Robo (The Medical Assistant Robot)	Canara Bank ,Branch- Sahjanwa ,IFSC- CNRB0005129 ,Account No.- 5129108001620
		Ritu Dixit	Group Member					
		Pooja Prajapati	Group Member					
		Shalu Kumari	Group Member					
29	611	Ankit Kumar	Group Leader	Electronics & Communication Engineering	Vaibhav Purwar	PSIT College of Engineering -KANPUR NAGAR	Pothole Detector and Filler Robot	State Bank of India ,Branch- PSIT Campus Branch ,IFSC- SBIN0016993 ,Account No.- 20489358368
		Ajit Agnihotri	Group Member					
		Yuvraj Singh	Group Member					
30	661	CHANDAN KUMAR SHARMA	Group Leader	Electronics & Communication Engineering	Ms. Garima Kulshreshtha, Mr. Awadhesh Kumar Maurya, Dr. Vanya Arun	IILM Academy of Higher Learning, College of Engineering and Technology, Greater Noida -GAUTAM BUDDHA NAGAR	Smart Garbage Management System based on IoT	KOTAK MAHINDRA ,Branch- SAKCHI JAMSHEDPUR ,IFSC- KKBK0005703 ,Account No.- 7745578955
31	407	Shubham Kumar Ojha	Group Leader	Electronics & Communication Engineering	Mr Mohd Shariq	United Institute of Technology - ALLAHABAD	SELF-DRIVING CAR AND VEHICLE DATA ACQUISITION SYSTEM	State Bank of India ,Branch- Taramandal ,IFSC- SBIN0016724 ,Account No.- 38095912663
32	383	Mehul Anand	Group Member	Electronics & Communication Engineering	Ms Arpana Mishra	IIMT COLLEGE OF ENGINEERING - GAUTAM BUDDHA NAGAR	Digital Umbrella	CANARA BANK ,Branch- Areraj ,IFSC- CNRB0004954 ,Account No.-4954101002239
		Rohit Kumar	Group Leader					
		Pooja Prajapati	Group Member					
33	400	Priya Daksha	Group Member	Electronics & Communication Engineering	Mr. Pankaj Jha & Prof.(Dr.) Seema Nayak	IIMT College of Engineering -GAUTAM BUDDHA NAGAR	SELF HEALTH MONITORING KIT	Punjab National Bank ,Branch- Kawardha ,IFSC- PUNB0610700 ,Account No.-
		Ashutosh Kumar	Group Leader					
34	499	Chandan Kumar	Group Member	Electronics & Communication Engineering	Mr. Vijit Srivastava	United College of Engineering and Research -ALLAHABAD	RESOLVING THE PROBLEM OF ANOMALIES IN AGRICULTURE SYSTEM USING DRONE	Bank Of Baroda ,Branch- Mandawa ,IFSC- BARBOMANALL ,Account No.- 48660100004734
		Rajneesh Yadav	Group Member					
		Urvisha Mukherjee	Group Member					
		Pratiksha Agrawal	Group Member					
		Sanjay Kumar Yadav	Group Leader					
35	560	Aditya Singh	Group Member	Electronics & Communication Engineering	Deepti Ojha	INSTITUTE OF TECHNOLOGY AND MANAGEMENT GIDA GORAKHPUR - GORAKHPUR	human live location detection by smart shoes	PUNJAB NATIONAL BANK OF INDIA ,Branch- MAJHAULI RAJ SALEMPUR DEORIA ,IFSC- PUNB0995400 ,Account No.- 9954000100001739
		sandeep kumar yadav	Group Leader					
		Shubham lal	Group Member					



36	467	Mani Vatsa	Group Leader	Electronics & Instrumentation Engineering	Dr. ASHISH KUMAR JAIN	MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY BAREILLY - 243006 -BAREILLY	Smart Helmet Based Bike's Automatic Ignition Control with Alcohol Detection, Over Speed & Accident Reporting System	Union Bank Of India ,Branch- Rohilkand University, Bareilly ,IFSC- UBIN0550523 ,Account No.-305602120002420
Information Technology								
37	518	Mukta Banerjee	Group Leader	Information Technology	Ms.Pragati Gupta	G.L Bajaj Institute Of Technology and Management -GAUTAM BUDDHA NAGAR	Enhanced Security Features with Real Time Recognition using concept of Deep Learning	State Bank Of India ,Branch- Shastri Nagar ,IFSC- SBIN0051016 ,Account No.- 39034326312
		Manu Verma	Group Member					
		Riya Geel	Group Member					
38	610	Asad Iqbal	Group Leader	Information Technology	Dr. Abhishek Prabhakar, Mr. Rohit Sharma	Asad Iqbal -KANPUR NAGAR	Smart Mart	Federal Bank ,Branch- EPIFI FEDERAL NEO BANKING ,IFSC- FDRL0005555 ,Account No.- 55550103934814
		Anchal Mishra	Group Member					
		Devesh Kashyap	Group Member					
		Anshika Tomar	Group Member					
Mechanical Engineering								
39	579	Harshit Gautam	Group Member	Mechanical Engineering	Dr. Tarun Bhardwaj	Ajay Kumar Garg Engineering College - GHAZIABAD	Title Of the project-Design, FEA and topology optimization of Disc Brake Rotor	[State Bank of India ,Branch- LDA colony ,IFSC- SBIN0011215 ,Account No.- 38587313264
		SRIJAN SINGH BHANWAG	Group Member					
		Bal Krishna	Group Leader					
		Ishan Iqbal	Group Member					
40	580	Abhishek Chatterji	Group Member	Mechanical Engineering	Dr. Ajay Pratap Singh	AJAY KUMAR GARG ENGINEERING COLLEGE -GHAZIABAD	ADAS: Collision Avoidance System for old cars	Canara bank ,Branch- Deoria ,IFSC- CNRB0005124 ,Account No.-5124101002579
		Hardik Seth	Group Member					
		Deepak Kumar	Group Leader					
41	602	Vishal Sharma	Group Leader	Mechanical Engineering	Dr. DS Chauhan	RD ENGINEERING COLLEGE -GHAZIABAD	Mobile charging through walking.	Canara Bank ,Branch- Rohtas Nagar ,IFSC- CNRB0001795 ,Account No.-1795101057309
42	489	Amrathesh Dixit	Group Member	Mechanical Engineering	Ms.Gaganpreet Kaur	Ajay Kumar Garg Engineering College - GHAZIABAD	Tactical U.G.V for surveillance	Bandhan Bank ,Branch- Sector 110-Noida ,IFSC- BDBL0001984 ,Account No.- 50180032899018
		Vaibhav Jaiswal	Group Member					
		Vaibhav Pandey	Group Leader					
		Tarun Raghav	Group Member					
		Vishwa Gaurav Shukla	Group Member					
43	504	ABHISHEK KUMAR SINGH	Group Member	Mechanical Engineering	Vinod Kumar Yadav	G L Bajaj Institute of Technology and Management Greater Noida -GAUTAM BUDDHA NAGAR	Development of a solar operated IOT based multi-purpose agriculture machine	UCO BANK ,Branch- FATEHA ,IFSC- UCBA0001233 ,Account No.- 12333211039054
		UJJWAL RAJ	Group Member					
		BHAVISHYA CHANDNANI	Group Member					
		KUNAL KUMAR SHARMA	Group Leader					
44	609	ANIL KUMAR MAURYA	Group Member	Mechanical Engineering	SASWAT DAS, DR NAVEEN RATHEE	IIMT College of Engineering -GAUTAM BUDDHA NAGAR	INNOVATIVE SMART PESTICIDE SPRAY AND WEED CUTTING DEVICE FOR AGRICULTURE SYSTEM	UCO BANK ,Branch- NEW MARKET PURNIA ,IFSC- UCBA0000308 ,Account No.- 03080110078495
		AMAN KUMAR JHA	Group Leader					

STEADMIC Department on the Development of Project:-
Certificates Awarded to the students involve development of projects :-

R D Engineering College

S.No	Name Of student	Branch	Year
1	Disha singh	ME	Third
2	Shiv Kumar	ME	Third

Project Name1- Solar based thermoelectric refrigeration
 Guide Name- Dr. Dharamveer Singh

Project Name -2- Solar water Purifier
 Guide Name- Mr. Yogesh Gupta

S. No	Name of student	Branch	Year
1	Disha Singh	ME	Third
2	Dilip Ahirwar	ME	Third
3	Nisar Saifi	ME	Third
4	Mohd. Sahil Choudhary	ME	Third

Project Name-3- Voice Bluetooth Controlled Car with Gun
 Guide Name- Dr. Dharamveer Singh

S. No	Name of student	Branch	Year
1	Yuvank Tyagi	ME	Third
2	Saurav chandela	ME	Third
3	Mohd. Arshad	ME	Third
4	Aarin	ME	Third

Project Name-4- Hybrid Power Generation System With Ac Voltage
 Guide Name- Dr. Dharamveer Singh

S. No	Name of student	Branch	Year
1	Rishab Sharma	ME	Third
2	Shekhar Sagar	ME	Third
3	Anant Tyagi	ME	Third

Project Name5- A Car for 90° Motion
 Guide Name- Dr. Dharamveer Singh

S. No	Name of student	Branch	Year
1	Yuvank Tyagi	ME	Third
2	Saurav chandela	ME	Third
3	Mohd. Arshad	ME	Third
4	Aarin	ME	Third


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 Duhai, Ghaziabad

Project Name-6 Solar Belt Conveyer System

Guide Name- Dr. Dharamveer Singh

S. No	Name of student	Branch	Year
1	Mohd. Sahil Choudhary	ME	Third
2	Dilip Ahirwar	ME	Third

Project Name- 7 Piezoelectric Mat for Electricity Generation

Guide Name- Dr. Dharamveer Singh

S. No	Name of student	Branch	Year
1	Disha Singh	ME	Third

Project Name-8 Solar power Drip Irrigation System

Guide Name- Amit Kumar Sharma

S. No	Name of student	Branch	Year
1	Aastha Kumari	CE	Third
2	Disha Mittal	CE	Third
3	Aakash Kumar	CE	Third

Project Name- 9 Vermicompositing System

Guide Name- Dr. Pankaj Kumar Singh

S. No	Name of student	Branch	Year
1	Aastha Kumari	CE	Third
2	Disha Mittal	CE	Third
3	Aakash Kumar	CE	Third
4	Baibhav Bhagat	CE	
5	Suraj Kumar	CE	

Project Name- 10 Bridges Construction Using Waste Plastic Material

Guide Name- Dr. Pankaj Kumar Singh

S. No	Name of student	Branch	Year
1	Vikas Kumar	CE	Third
2	Disha Mittal	CE	Third
3	Aakash Kumar	CE	Third
4	Baibhav Bhagat	CE	Third

Project Name- 11 Dual Axes Solar Tracker System

Guide Name- Dr. Pankaj Kumar Singh

S. No	Name of student	Branch	Year
1	Anurag pandey	CE	Third
2	Lalit Kumar	CE	Third
3	Km. Kajal	CE	Third
4	Rajan Kumar	CE	Third
5	Suraj Kumar	CE	Third

Project Name- 12 Obstacle Avoiding Smart Car Using Adruno


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 Duhai, Ghaziabad

Guide Name- Dr. Pankaj Kumar Singh

S. No	Name of student	Branch	Year
1	Anurag pandey	CE	Third
2	Lalit Kumar	CE	Third
3	Km. Kajal	CE	Third
4	Rajan Kumar	CE	Third
5	Sunil Kumar	CE	Third

Project Name- 13 **Power switching System**

Guide Name- Prateek Dubey

S. No	Name of student	Branch	Year
1	Harsh verma	EC	Third
2	Alok Kumar	EC	Third
3	Shivam sharma	EC	Third
4	Manish Singh	EC	Third

Project Name- 14 **Advance Home Automation**

Guide Name- Amit Agarwal

S. No	Name of student	Branch	Year
1	Kuldeep Prajapati	EC	Third
2	Vaibhav Dubey	EC	Third
3	Karan Sharma	EC	Third
4	Chetan Bhardwaj	EC	Third


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Steadmic Future Plan

S.NO.	<u>Project Name</u>	<u>Organization</u>
<u>1</u>	<u>Innovative Multifunction Refrigeration System(IMFRS)</u>	<u>IIIT-Ropar TIF AWaDH</u>



Director
R.D. Engineering College
Duhai, Ghaziabad

ADIABATIC WATER COOLER


Director
R.D. Engineering College
Duhai, Ghaziabad

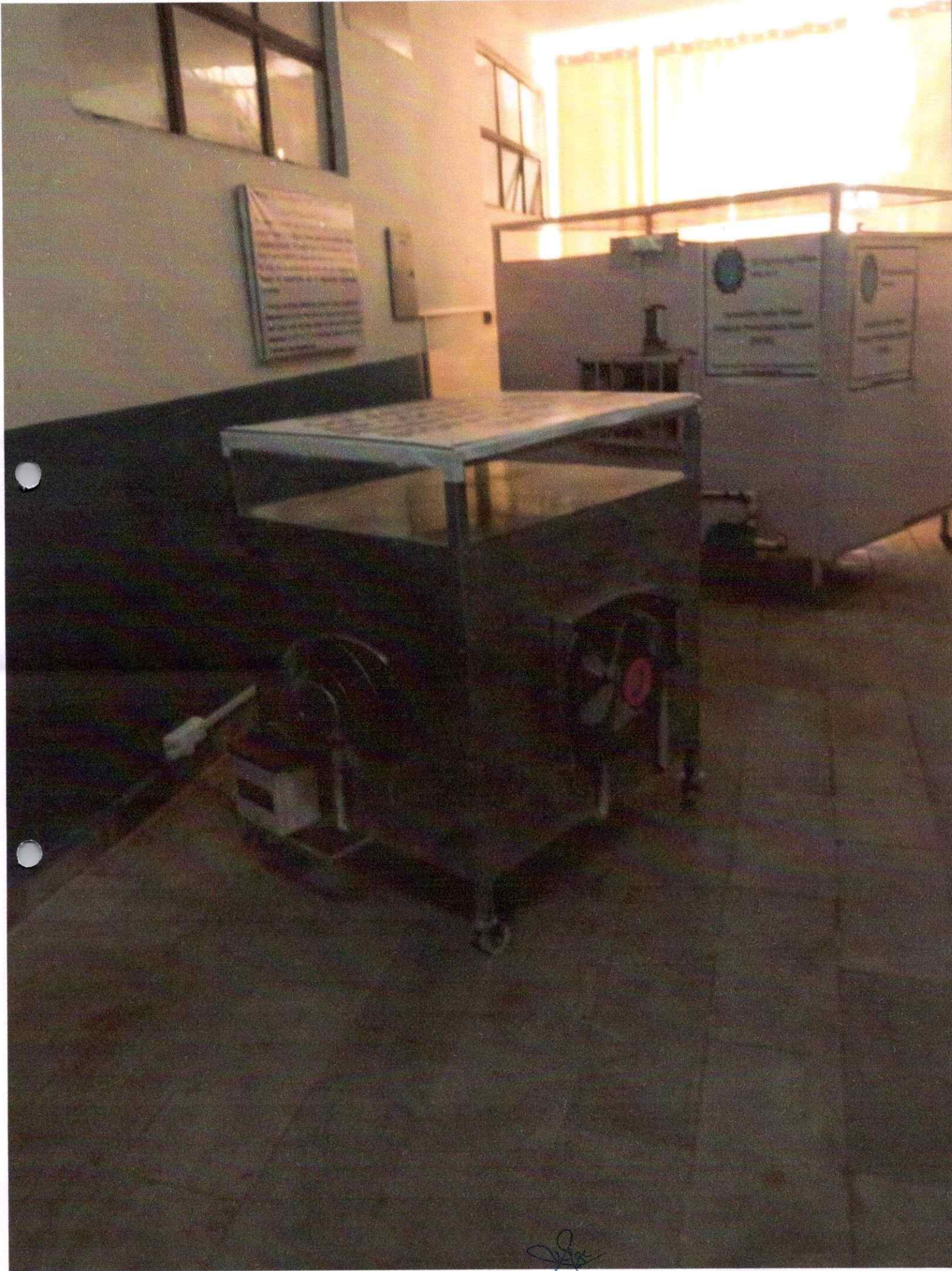



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ADIABATIC REFRIGERATOR



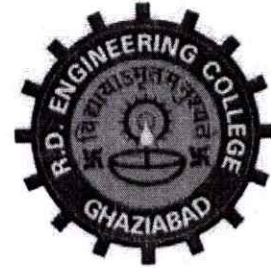
Director
R.D. Engineering College
Duhai, Ghaziabad




Director
R.D. Engineering College
Duhai, Ghaziabad

R.D. Engineering College

(Unit of Rameshwar Dayal Educational Trust)
Ghaziabad National Highway(NH) No.58
Delhi - Meerut Expy, Duhai, Ghaziabad
Uttar Pradesh 201206, India



Innovative Multi-Function Refrigeration System (IMFRS) for Small Farms

Proposal submitted under, "Design of a refrigeration system for small farmers," of the 'Cyber Physical Systems for Agriculture and Water Technology' call for Project Proposals[IIT-Ropar TIF AWaDH]

September 3, 2023


Director
R.D. Engineering College
Duhai, Ghaziabad

Thanks for filling out IIT Ropar Technology Innovation Foundation (AWaDH) Call for Proposals for the Technology Projects

Here's what was received.

IIT Ropar Technology Innovation Foundation (AWaDH) Call for Proposals for the Technology Projects

IIT Ropar – Technology and Innovation Foundation (TIF) is a Section – 8 company founded to support the initiatives of Technology Innovation Hub – AWaDH (Agriculture and Water Technology Development Hub) at the Indian Institute of Technology Ropar in the framework of **National Mission on Interdisciplinary Cyber-Physical Systems (NM – ICPS)** by the **Department of Science and Technology, Government of India**.

The TIF supports the R&D, technology development, deployment and commercialization in the domain of Agriculture and Water. The TIF invites project proposals in the domains of **Cyber-Physical Systems (CPs) applied to agriculture and water sectors**. This opportunity is offered under the **Strategic Program for Research Innovation and Next-Gen Tech-Commercialisation (SPRINT)**, an initiative by IIT Ropar TIF (AWaDH) aimed at accelerating research and innovation growth.

Call for the project Proposals is open in the following project areas:

1. Design of an Aerator for Fisheries Applications
2. Design of an IoT-Based Hydroponic Growing System with Aerator/Temperature/Water Level Monitor
3. Design of a Refrigeration System for Small Farmers
4. Design of a Smart Crop Sensor System for Efficient Application of Fertilizers and Maximizing Absorption

TIF will provide support to technology projects (> TRL 4) designed for a duration of **6 months**, with funding support of up to **25 lakhs for technology validation, upgradation and commercialization**. The primary focus of the projects should be on developing & deploying technology products that lead to the generation of Intellectual Property and publications.

We encourage applicants to submit innovative proposals that can significantly contribute to advancements in the fields of agriculture and water through the implementation of Cyber-Physical Systems.

Deadline for proposal submission: September 5, 2023

Share the form within your network: https://bit.ly/AWaDH_SPRINT_Technology

Details of the Call for the project proposal: <https://bit.ly/AWaDH>

Website: <https://ihub-awadh.in>

Email ID: people@ihub-awadh.in / contact.awadh@iitrpr.ac.in

Email *

info@rdec.in

NAME OF THE INSTITUTE *

RD Engineering College

Location - State & Union Territories *

Uttar Pradesh

TYPE OF INSTITUTE *


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R.D. Engineering College
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CENTRAL GOVERNMENT

STATE GOVERNMENT

INDUSTRY

STARTUP

PRIVATE University /
Institution

Other:

Self-Financed Institution, Approved by AICTE (Central Government), Affiliated
with AKTU (State Government)

Individual Details

NAME OF THE PRINCIPAL INVESTIGATOR *

Dr. Kumar Krishen

DESIGNATION OF PRINCIPAL INVESTIGATOR *

Director, Research and Development

ADDRESS *

RD Engineering College, Ghaziabad, NH58, Delhi-Meerut Expy, Duhai, Uttar Pradesh 201206

E-MAIL *

krishen59@gmail.com

LinkedIn Profile

PHONE/MOBILE *

+918588899707

ACADEMIC AREA *

Electronics/Electrical Engineering/Physics

PROJECT DURATION (Project should be designed for period of 6 months) *

6 months

CO-INVESTIGATOR DETAILS (IF ANY)

Shaaswat Sharma

Project Summary

Project Title

*

Innovative Multi-Function Refrigeration System (IMFRS) for Small Farms

Abstract

*

R D Engineering College (RDEC) has developed and tested a Concept Verification Refrigeration System (CVRS) refrigeration unit and demonstrated that the temperature for the chamber for storing produce, fruits, and other perishable items is about 10 °C while the temperature outside can be as high as 45 °C. A patent application has been filed for this innovation. In this research project we aim to develop a system that can be replicated for commercial use.


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Key deliverables

*

Top 5 goals you want to achieve in 6 Month.

The IMFRS will have the following capabilities for small farms: 1. System design based on solar power that can be located at any location on the farm. 2. A refrigerator for storing vegetables, fruit, and other perishable items. 3. A system for providing cool air for farm workers as needed. 4. A light system to illuminate IMFRS surrounding area. 5. A phone charging station for farm worker's area.

TOTAL PROJECT COST *

Write in Numbers, like for 10 L wite, 1000000

2450000

PROJECT PROPOSAL *

Format as given in the Information Document (<https://bit.ly/AWaDH>)

Submitted files

RDEC Proposal - RD Engg College.pdf

BIODATA *

Please use standard DST Format.

Submitted files

Dr. Kumar Krishen - Biodata - RD Engg College.pdf

CERTIFICATE FOR PRINCIPAL INVESTIGATOR *

Please use standard DST Format.

Submitted files

RDEC CERTIFICATE FROM THE INVESTIGATOR - RD Engg College.pdf

ENDORSEMENT LETTER FROM THE HEAD OF THE INSTITUTION *

Please use standard DST Format.

Submitted files

Endorsement from Head of Institution - RDEC - RD Engg College.pdf


Director
R.D. Engineering College
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(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311029874 A

(19) INDIA

(22) Date of filing of Application :25/04/2023

(43) Publication Date : 02/06/2023

(54) Title of the invention : SOLAR-POWERED ADIABATIC COOLING SYSTEM FOR PERISHABLE FOOD PRESERVATION

(51) International classification :A23L 033418, B65D 812000, F24F 050000, F25D 170400, F25D 290000

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)Engg. Shaaswat Sharma

Address of Applicant :B-41 Madhuban, Delhi Delhi India 110092 New Delhi -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Dr. Kumar Krishen

Address of Applicant :Chandpora, Hariwan, Srinagar Jammu & Kashmir India 190002 Srinagar -----

2)Engg. Shaaswat Sharma

Address of Applicant :B-41 Madhuban, Delhi Delhi India 110092 New Delhi -----

(57) Abstract :

SOLAR-POWERED ADIABATIC COOLING SYSTEM FOR PERISHABLE FOOD PRESERVATION According to an embodiment, a solar-powered adiabatic cooling system for perishable food preservation is disclosed. The system provides an eco-friendly and energy-efficient alternative to traditional refrigeration. The system comprises an inner chamber for storing perishable food items and an outer chamber that houses the inner chamber, offers thermal insulation, protection from external elements, and mounting structures for various components. Grass pads are situated between the chambers, facilitating evaporative cooling through adiabatic processes. A water dripping and recirculating system maintains moisture in the grass pads, while fans mounted on the outer chamber force outside air through these pads. Solar panels mounted on the outer chamber supply power to the system components, ensuring off-grid and remote operation. A temperature control mechanism maintains a desired preservation temperature within the inner chamber, ensuring optimal storage conditions for perishable goods. The system offers a sustainable solution for food preservation in various settings, particularly where traditional refrigeration methods are inaccessible or impractical. (FIG. 1 will be reference)

No. of Pages : 21 No. of Claims : 6


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Activity Report (MSME National IP Yatra) (15th March 2023)

Title of event: Vignan Spark Tank, The Ideathon Competition (15th March 2023)

The poster for 'Vignan Spark Tank The Ideathon Competition' features the following details:

- Logos:** SRUJANANKURA NATIONAL LEVEL TECH EXTRAVAGANZA, VIGNAN UNIVERSITY, INSTITUTIONS INNOVATION COUNCIL, and VIGNAN TBI.
- Event Title:** Vignan Spark TANK The Ideathon Competition
- Dates:** 17 - 18 March 2023
- Prize:** Funding up to 5 Lakhs
- Problem Statements:**
 - Propose Spraying of Pesticides and Insecticides using Drones (Age 16+)
 - AI Based Products for Age, Medicine, Communication, Analytics etc. (Electrical & Electronics)
 - Building Sustainable Business for Women and Opening Niche (Management & Law)
 - Microbiome based PROBIOES - Supporting Health through Personalized Formulations (Bio Tech & Pharma)
 - Production of Novel Immuze Polymer Conjugates for Filament Extrusion (Core Engineering)
 - Any industry related issues (Bring Your Problem Statement) (Open Problem)
- Call to Action:** WIN EXCITING PRIZES and FOR REGISTRATION

Objective: To create an ecosystem for growth of Innovation, Entrepreneurship, and Start-up among Students at National Level

RD Engineering College, Ghaziabad student Mr. Mayank Chauhan participated in the Ideation competition organized by Vignan University, Guntur, Andhra Pradesh. The idea presented for startup was selected for the final round of the competition. The total prize money for the competition was worth R 5 lakhs. This event was organized by Institute Innovation Council (IIC) of the Vignan University. Vignan Spark Tank helps to bring the platform to take ideas to the next level and win Funding upto 5 Lakhs through Vignan TBI. The student presents its problem statements from the industry that gets the first Customers / Lead you to Internship or Job Opportunities.


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SRUJANANKURA

17 - 18 March 2023

NATIONAL LEVEL
TECH EXTRAVAGANZA



ANDHRA PRADESH
Innovation Society



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



VIGNAN-TBI

Vignan Spark TANK

The Ideathon Competition

17 - 18 March 2023

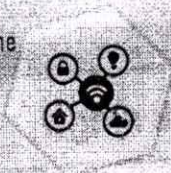
Funding
up to
Rs. 5 Lakhs



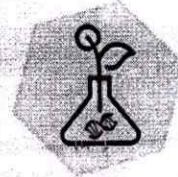
Precision Spraying of Pesticides and
Insecticides using Drones
Agri Tech:



IoT Based Products for Agri, Medicine
Communication, Analytics etc
Electrical & Electronics:



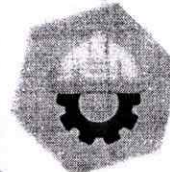
Microbiome based Probiotics: Optimizing
Health through Personalized Formulations
Bio-Tech & Pharma:



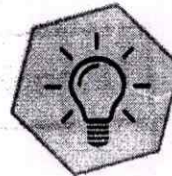
Building Sustainable Business for
Mirchi and Spinning Mills
Management & Law:



Production of Metal Infused Polymer
Granules for Filament Extrusion
Core Engineering:



Any industrially relevant names
(Bring Your Problem Statements)
Open Problem:




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WIN EXCITING PRIZES



- Rs 20,000 for the Winners
- Rs 10,000 for the Runners Up
- Rs 5,000 for the 2nd Runners Up
- Rs 1,000 for Each Category Winners

Top Ideas get a chance to be incubated at
Vignan TBI and funding upto 5 Lakhs

1st Phase
Registrations & Submission
will be closed on
15th March 2023 11:59 PM

Workshop / Doubts clearance
13th Mar 4:15 PM
Venue : SANGAMAM SEMINAR HALL

FOR REGISTRATION



<https://forms.gle/RTfs05a52mqb8V6e>



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

Estd. u/s 2 of UGC Act 1956

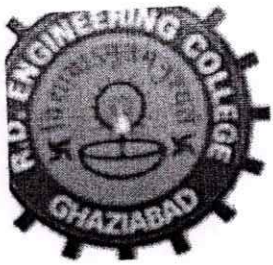


Student Co-ordinators:

D. Harsha Vardhan - 9848197111

M. Sai Dheeraj - 7995475609

Email : ideathon_srujanankura2023@vignan.ac.in




CERTIFICATE



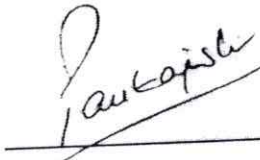
OF ACHIEVEMENT

This certificate is awarded to **Harsh Sharma**, student of **R D Engineering College, UP** for valuable services as facilitator and coordinator for e Startup Competition organized by **STEADMIC Centre for Incubation and Entrepreneurship and E-Cell, R.D Engineering College, Ghaziabad, UP** in association with Elpis Matrix EduTech, Delhi from March-May 2023. The student is selected as one of the winners and has secured a cash prize for the competition. We wish the student very best for the next level of academic achievement.


Director
R.D. Engineering College
Duhai, Ghaziabad



Founder, Elpis Matrix EduTech, Delhi



President, IIC, RD Engineering
College, Ghaziabad, UP

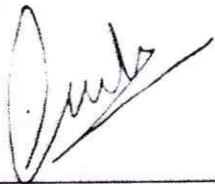


CERTIFICATE OF ACHIEVEMENT

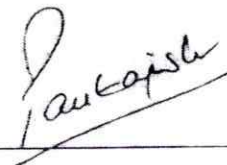


This certificate is proudly presented to **AKSHAY POUDEL** and **ANJALI YADAV**, student of **R D Engineering College, UP** who participated in the Startup Competition organized by **STEADMIC Centre for Incubation and Entrepreneurship and E-Cell, R.D Engineering College, Ghaziabad, UP** in association with Elpis Matrix EduTech, Delhi from March-May 2023. The student is selected as one of the winners and has secured a cash prize for the competition. We wish the student very best for the next level of academic achievement.


Director
R.D. Engineering College
Duhai, Ghaziabad



ounder, Elpis Matrix EduTech, Delhi



President. IIC. RD Engineering



CERTIFICATE OF ACHIEVEMENT



This certificate is proudly presented to **KUNDAN**, student of **R D Engineering College, UP** who participated in the Startup Competition organized by **STEADMIC Centre for Incubation and Entrepreneurship and E-Cell, R.D Engineering College, Ghaziabad, UP** in association with Elpis Matrix EduTech, Delhi from March-May 2023. The student is selected as one of the winners and has secured a cash prize for the competition. We wish the student very best for the next level of academic achievement.

Director
R.D. Engineering College
Duhai, Ghaziabad

Founder, Elpis Matrix EduTech, Delhi

President, IIC, RD Engineering College



CERTIFICATE



OF ACHIEVEMENT

is certificate is proudly presented to **ARNAV CHAUHAN and ANKITA BANIWAL**, student of R D Engineering College, UP who participated in the Startup Competition organized by **STEADMIC Centre for Incubation and Entrepreneurship and EduTech, R.D Engineering College, Ghaziabad, UP** in association with Elpis Matrix EduTech, Delhi from March-May 2023. The student is selected as one of the winners and has secured a cash prize for the competition. We wish the student very best for the next level of academic achievement.

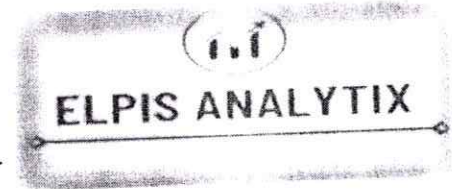
Director
R.D. Engineering College
Duhai, Ghaziabad

nder, Elpis Matrix EduTech, Delhi

President, IIC, RD Engineering
College, Ghaziabad, UP



CERTIFICATE OF ACHIEVEMENT



This certificate is proudly presented to **MAYANK SINGH CHAUHAN**, student of **R D Engineering College** who participated in the Ideation Competition (Become a Business Tycoon) organized by Sri Guru Nanak Dev Education Trust, Dalewal, Punjab in association with Elpis Analytix, Delhi from January-February 2023. The student presented idea on **Artificial Intelligence Doctor** and secured **3rd place and cash prize**. We wish the student very best for the next level of academic achievement..

Founder, Elpis Analytix Delhi

Director
R.D. Engineering College
Duhai, Ghaziabad

President, IIC, Sri Guru Nanak Dev
Education Trust, Dalewal, Punjab



R. D. ENGINEERING COLLEGE

Approved by AICTE New Delhi & Affiliated to Pt. A.P.J. Abdul Kalam Technical University, Lucknow

ANNEXURE - III

Facility usage undertaking at SCIE

Ref..... Date.....

THE DECLARATION BY THE START-UP FOR THE FACILITY USAGE AT SCHEDULED PREMISES AT SCIE IS AS FOLLOWS:

SCIE has agreed to allow the Pre-startup to use the facility in open incubation space upon recommendations of IIC solely for the Purpose of the Business Project "_____".

IIC hereby demises to the pre-start-up the facility initially for a period of 3 months on chargeable basis, extendable thereafter by evaluation of the progress of project by IIC Technical Committee.

- Charges:** There will be one-time Incubation fees of INR 3000/- which includes the office space (one workbench per pre-incubatees in open incubation hall) and other services mentioned in Policy. The charges are subject to revision as per the policies of IIC.
- Equipment:** SCIE may make some common equipment available on a shared-basis to the prestart-up for the term of the Agreement and any subsequent extensions to it. While these Equipments are not for exclusive use of the pre-start-up, however, SCIE may agree to make such equipment available to the Pre-Startup to use them for as much time as reasonably needed. There can be additional usage charges for the Equipment, and the same shall be borne by the Pre-startup Entrepreneur.
- The startup shall comply with all the statutes, rules and regulations such as, ethics approvals, biosafety and biochemical hazard approvals, *etc.* and all other applicable statutory provisions as may be applicable. The pre-start-up shall be solely responsible for the adherence to all the applicable norms relating to the performance of work on the Incubation centre.
- The pre-start-up shall be at liberty to carry on activities in the Incubation centre, which are part of the specified business proposal "_____" only. The Party will require prior permission from SCIE management to do any additional activity in its premises.
- The working hours for the Pre-Startups will be from 9:00 AM to 6:00 PM, if they wish to work after the designated time, prior approval from the SCIE office is must.
- SCIE will not extend any financial assistance nor shall any commitment be given by the SCIE for the said Proposal.
- No Visitors other than the members of the Project team are allowed to enter the SCIE premises without prior approval.


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Duhai, Ghaziabad

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9th KM Mile Stone on NH-58 Delhi Meerut Road Duhai Ghaziabad-201206 (U.P)

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Email: info@rdec.in

Website: www.rdec.in



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Ref. RDEC/681Date 20/03/2023

ANNEXURE I

Application form for business incubation at SCIE, RDEC

1. Name of the Applicant -
2. Title of your Business/Project proposal for Incubation
3. Why do you want to take part for incubation?
4. Do you have already established a working group or start-up?
5. Briefly describe your business (including product/services)
6. Briefly describe your immediate and long-term sales goal for your start-up
7. Have you had mentors? If yes, please give their details
8. What are your expected plans for your startup?
9. Why should we choose your project, idea or start-up business, or pre-incubation?
10. Services Expected from SCIE in Pre-Incubation program

Details of your Team - (Please give proper justifications for applicable head)

1. Name: Educational Qualification: No of years of experience: Address: Phone:	2. Name: Educational Qualification: No of years of experience: Address: Phone:
---	--

11. Evidence of Affiliation with RDEC or any other Colleges/Institutes/Universities Recognized by Government of India
12. Resume/CV of Innovator/Co-Promoters
13. Identification card of all the Directors/Partners
14. Identity proof documents (Driver's License, or Voter ID Card, or Adhaar Card, or PAN Card)

I have read the SCIE Pre-Incubation Policy and agree to abide by the rules and regulations of Incubation Policy.

(Incubatee Name and Date)


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ANNEXURE II

Guidelines for the Business Proposal for Incubation at SCIE

The business proposal to be submitted along with application for incubation is expected to be of 5-6 pages in the format as below.

1. **Objective of the company/project:** Define the problem that you are going address. It is also called **Value Proposition**. You can elaborate it as an introduction of your business idea (200-400 words)
2. **Business Opportunity:** Mention the target customers and expected scale of business/project in defined time (200 words)
3. **Solution proposed:** Describe the Products/Services you are going to offer. Please be specific and elaborate on Innovativeness of the proposed solution. (200 words)
4. **Market analysis:** This also includes competitive analysis. If your product/service is novel, please define why customers will opt for this new alternative. And in case, similar solutions/products are available in market, emphasize on the uniqueness of your product/service that will make it suitable or preferable over existing options.
5. **Customer acquisition:** Describe the plan/strategy to reach out and acquire customers for the proposed product/technology/idea. (200 words)
6. **Milestones:** This section expects work plan of the project in yearly or quarterly manner (Graphical representation will be appreciated)
7. **Revenue generation:** Explain the methodology/plan of revenue generation through the sales/market of the services/products offered. The business development strategy is also expected to be covered in same section (200-400 words)
8. **Financial assistance/Investment:** Quote the estimated expenditure/investment required for the commercialization of your idea and expected source of financial assistance for the same. Please mention the targeted funding agencies and schemes that are relevant to your business idea. Also mention the breakdown of funds/investment you are seeking (200-300 words).
9. **References:** You are expected to provide references to all the figures and facts mentioned in the proposal.

Note: In case this format does not suit your project, justify the same and submit the write up of business proposal applicable format.


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Email: info@rdec.in

Website: www.rdec.in



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ANNEXURE - VI

Feedback Form

1. How was your experience in Incubator program?
2. Which activities in the program do you enjoy the most?
3. Which activities in the program did you enjoy the least?
4. At a scale of 1 to 10, how much this program motivated you to be an entrepreneur and start your business?
5. How would you evaluate the overall performance of the instructors?
6. What do you want to learn next in your entrepreneurship journey?
7. What changes would you suggest for the program if this is offered next time?

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8. The pre-start-up shall inform the SCIE Office about all potential biochemical hazard, inflammable materials and other possible hazards due to the use of material/equipment in the Incubation centre.
9. SCIE shall have right to inspect the Incubation centre, at any point of time and the visit may not necessarily be intimated to the student pre-start-up, and in the event of any discrepancy, so found, SCIE shall have right to revoke the present undertaking forthwith.
10. The pre-start-up shall keep the Incubation centre in good condition and if any damages, breakages are caused to the said Premises, the student pre-start-up shall make good the loss caused to the First Party on account of such damages and breakages, and the member(s) of the pre-startup shall pay the cost of repair for the same as per the repair estimate provided by the SCIE Office.
11. **Termination of the incubation of start-up:** The progress report of the pre-start-up will be evaluated by the SCIE Incubation entrepreneurial committee around two weeks before the completion of the program and incubation of pre-startup can be terminated upon the recommendation of committee. On termination of project, the student shall return the Pre-startup facilities to SCIE in the same condition as was handed over.

Dr. *Pankaj Singh*
Pankaj Singh

(Incubatee Name and Date)

[Signature]
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Duhai, Ghaziabad

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Activity Report (Ideathon2Hackathon Competition) (April 08th (online) and April 15th (Offline))

Title of event: National Level Competition (Ideathon2Hackathon)

Resource Person: Dr. Pankaj Singh (Dean Research, R D Engineering College)

Objective: To create an ecosystem for growth of Innovation, Entrepreneurship, and Start-up among Students at National Level.

RD Engineering College, Ghaziabad, UP in association with its E-cell and Incubation organized a competition (1st Round on April 8th/15th, 2023) at the National level to foster startup culture among the students. The competition Ideathon2Hackathon was conducted in 2 rounds where the students were supposed to present a technology based business idea in the 1st round and develop a prototype in the second round.

About 145 students registered for the competition to work on specific technology based problem through a startup. The selected candidates (winners) will be given cash prizes, certificate and mentoring for final round. They will also be invited for incubation at the Incubation centre at the college. The following criteria were used to judge the PowerPoint:

- a) Problem addressed (What real life problem will the team solve)
- b) How will the problem be solved (Also mention novelty/uniqueness in the idea proposed, Patent Possibility)
- c) Practicality (Is the solution proposed is practical, if yes explain how).
- d) Business opportunity (How many people will be benefitted from your solution/product , Expected scale of business)
- e) Customer Segment (Target customer)
- f) Financials (What will be the unit cost of your product, How much profit you expect from each unit, Revenue generation model (Advertising, Monthly subscription etc.), Financial Assistance (Government schemes that provide assistance)
- g) Competitive Landscape : Mention about your existing or potential competitors and your strategy to overcome it
- h) Milestones: Mention how soon you would like to start working on your start-up and time-wise targets


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Activity Report (Final Round: Ideathon2Hackathon Competition) (April 20th, 2023)

Title of event: National Level Competition (Ideathon2Hackathon) Finale Round

Resource Person: Dr. Pankaj Singh (Dean Research, R D Engineering College)

Objective: To organize competitions that will create an ecosystem for growth of Innovation, Entrepreneurship, and Start-up among Students at the Institute.

RD Engineering College, Ghaziabad, UP in association with its E-cell and Incubation Centre organized Finale Round of National Level Competition.

For the Final round the participants were supposed to make a video of your product (3 minutes max) which was uploaded on YouTube channel. The participants will be evaluated on these 3 parameters:

- 1) Number of views and likes for your pitch.
- 2) Evaluation by Angel Investors
- 3) Progress from Round 1 to now.

The Link will close after about 2 weeks.

The screenshot shows a YouTube video player. The video title is "Pitch by Rajni". The channel name is "Guru Nanak Dev Ed..." with 119 subscribers. The video has 75 likes and options for share, download, and analytics. The video content displays a slide titled "A) Business Opportunity" with the following text: "1.9 times" and "7.61%". Below the text, it says "Increase in unemployment" and "Rural unemployment rate in April 2019, which was the highest in two years".


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YouTube

Search



Pitch by Arnav and Ankita

Guru Nanak Dev Ed...
119 subscribers

Analytics

Edit video

36



Share

Download

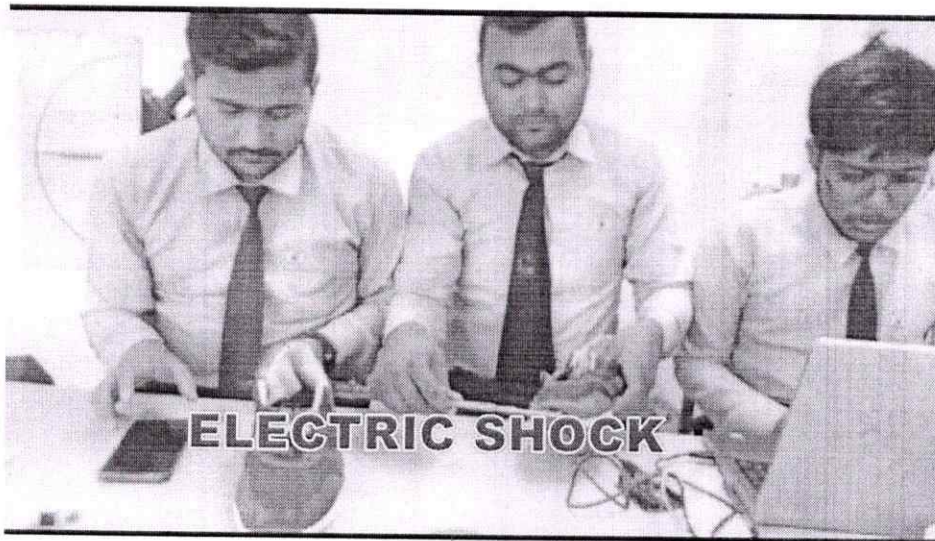
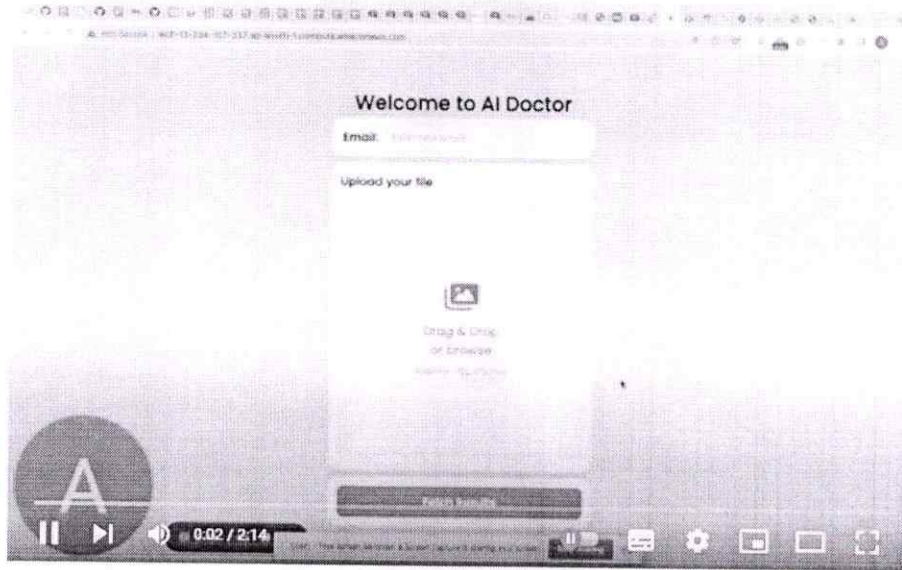


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Smart_Shoes_Aditya Singh

Conclusion:

The competition laid a strong foundation for startup culture and prototype building for the students


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YouTube

Search



Pitch by Kundan

Guru Nanak Dev Ed...
119 subscribers

Analytics Edit video 42 Share Download ...


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Science, Technology, Engineering and Data Management Innovation Center (STEADMIC)

Title of the Practice:- A well structured and formulated Innovative steadmic team has been established with vision to achieve excellence in Innovative project and create an outstanding climate of project development for the steadmic team and broadly enable projects advances to meet National and International needs.

Objective of the practice:

The steadmic team has been created keeping the following objectives in mind:-

- To motivate the steademic team to concentrate on innovative project development related activities like utilization of the project by the user in their required needs.
- To promote their project in commercialize by which users can interact with project.
- the evince interact with steademic team so that efforts to establish collaborative developed projects with their counter parts in Reputed National commercialize places and International Commercialize places .
- To encourage steadmic team to submit proposals and secure funded projects from various funding agencies in India and abroad.
- To undertake consultancy projects sponsored by Government as well as private Industrial and other organizations.

The Context:-

A Steadmic team activity create and disseminate new knowledge in different fields, promotes innovation and motivates better learning and teaching among faculty members and students in our Institute as there are often incorporated in the courses.

Projects development activity is the foundation of innovative knowledge that brings new energy ,build state of creation facilities ,promotes commercialize agencies and industries and develop colleborations.Students are beniffitted in significant ways from having steadmic team and their instructors.


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The Practice:-

Science and technology (steadmic departments) operates through a well drafted policy and team to operatives.

In staedmic department all the experience faculties and experts are has design to keep tabs on the progress of the steadmic department procedure in every quarterly and annual basis. How much project has developed and what is in current scenario, and what are the future plan and who is more active how is they find some liberties such as incentive appreciations for the steadmic work . under the steadmic policy the amount of incentives provided to the project developers depend on the impact factor of development of innovative project.RDEC college which is affiliated to AKTU Lucknow who want to colleges will provide students a innovative ideas and project for future use .by which students will improve the performance for in development environment.In this case college will provide some amount to students by which students and team can be search and find projects ideas and develop in innovative environment.

Evidence of success:-

The steadmic policy has provide all ideas and development procedure on the website of <https://innovationrdec.in/> to how to develop and innovative ideas for new procedure and technologies for the students that they will practice and practical for the innovative projects and and ideas.

Problem encountered and resource required:-

The major issues was to motivate the undergraduate students to become a part of this research initiative of the institute ,but constant interaction with post graduate students and technological expert faculty of the steadmic department who addressed their concerned and motivated them at least give it a try brought out some fruitful contribution from these students .


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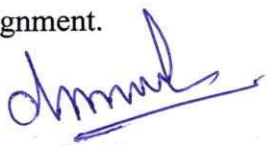
STEADMIC

Jan.2022

Development of Innovative project Original Lab /Experimental Learning is the need of Time to supplement the offline and online –Learning process. So as to more effective as could clearly be perceived in today’s context. it ‘s a requirement of education to developed and learn project for expertness in their specific subjects.

TechEdventure-

- Steadmic is a department where students gradually develop lab /experiments across various disciplines. Steadmic is for virtual lab development on institute level is hereby constituted with an objective to promote awareness about projects .apprise /provide students a Platform to access laboratory experiments online /offline explore conepts of various projects.
- Dr.Kumar Krishen, Vice president Steadmic department is here by designated as Tech Edventure-students learning for virtual Lab Development with Immediate effects.
- A well defined structure of Steadmic department.w.r.to objectives of the development of project and its structure composition viz. Vice president,coordinator,Co-coordinator,faculty coordinator,student coordinator ,student members their role and responsibilities, for development enhancement and learning is attached.
- Mr.Yogendra Tiwari shall submit daily to daily activity reports w.r.t. Steadmic Progress/planning etc.to vice presidents on regular basis.
- Mr.Yogendra Tiwari shall be performing the above duties in addition to his academic engagement &will responsible to the vice president for this additional assignment.

for 

Dr.Kumar Krishen

Vice President

Copy To:

- Deputy director/Deans/HODs(CS/IT/EC/CE/AS/MCA/MBA).
- .Dr.D.S.Chauhan-coordinator,Steadmic Department.
- Mr.Sanjeev Sharma-Faculty Co-ordinatorSteadmic Department.


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Tech Edventure in Steadmic of Students for Virtual lab Department:-

Introduction:-Experiment learning has played an important role in the education. Through experiment student can apply their theoretical and conceptual knowledge.

By learning thorough the practical students have knowledge for long life. If student will gain knowledge practically then students will skilled and it will be helpful in their jobs.

With the collaboration of IITs, NIITs, IIITs, Virtual Labs are launched in Feburary2012.By MHRD under Mission on education through information and communication Techonology with the following objectives:

Steadmic departments provide remote accesses lab in various manner in science and technology departments.

Steadmic has provided curiosity in students to learn basic and advanced concept through remote experimentation.

Steadmic provide the Teaching and learning systems around the virtual Lab where the students can gain various tools for learning, webresources, remote control tools, andself assessments.

Steadmic department provide costly instruments which are otherwise available to limited number of users due to limited time and a large scale of distances.

Objectives:

The main advantage of Tech Adventure steadmic are :

To develop the labs and experiments which are not available in Virtual labs.

Mapping the existing labs on web site <https://innovationrdec.in/>

To organize activities for awareness development of project by students.

Enhancements of knowledge in disciplines by steadmic tech adventure department very easier.



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Scope:

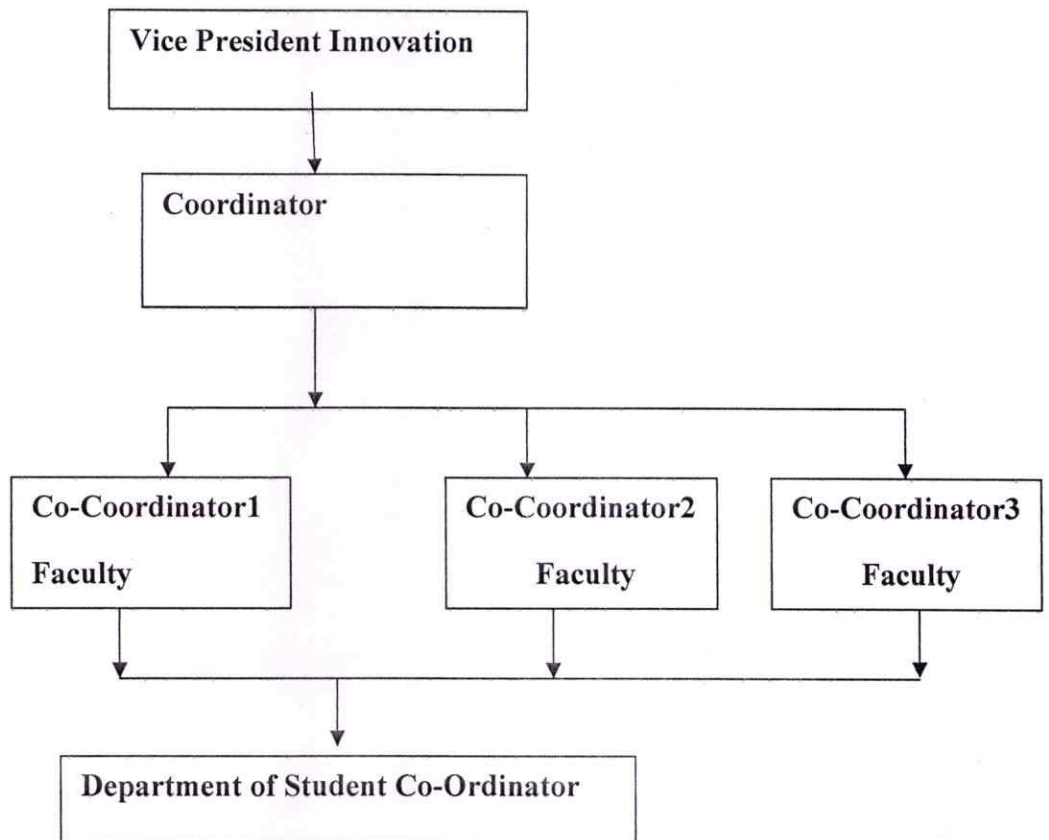
Scope of Steadmic department is to develop a live project on Living things such as air cooler, Refrigerators in adiabatic environment for decrease cooling temperature, remote cars and many more which can be connected through the solar power system and it will be more powerful generate scope for computer science students, electricals, mechanicals, electronic departments students they can work together and create an automatic environment which is helpful to users remotely control and operate. It will help to users and students for 24*7 hours to utilize their resources and techniques to upgrade them in discipline manner.

Guidance&Support :The Steadmic departments will support and guide students and users how to develop and innovative ideas for existing projects what technology and techniques has been using in specific departments for future and present use.



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Structure Of The Steadmic Departments Hierarchy:-




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Table Organization Of The Steadmic:-

Appointment	Name	Department
Vice President	Dr.Kumar Krishen	STEADMIC
Coordinator	Dr.Dharamveersingh	Mechanical Engineering
Co-Coordinator	Mr.Sanjeev Sharma	Electronics Engg.
Co-Coordinator	Mr.Pankaj Singh	Master of Computer applications
Faculty Co-coordinators	Mr.Manas Tripathi	Information Technology
Student Co-coordinator	Ayushi Goel	B.Tech.CSEIIyear.
	Manish Tyagi	B.Tech. EC II year
	Nalini Tyagi	B.Tech. CE II year
	Hemant Singh Patel	B.Tech. ECEIII Year
	Sweta Sharma	B.Tech. ECEIII year
	Amisha Gupta	B.Tech.CE III year


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Roles/Responsibilities:

Coordinator:-

- Coordinate over all STEADMIC activities.
- Initiation of Development of project Lab and monitor of all activity till the completion of the STEADMIC Lab.
- Collaborate and communicate with STEADMIC, Department RDEC for development activities to provide support our education system on college level with the comparison of Industrial project.
- Organization awareness of programs for original and virtual Lab so that Faculty and students take maximum benefits of the STEADMIC Lab.
- Compile all activities related to STEADMIC projects. Monitoring over all activities.

Co-coordinator:

- To promote usage of STEADMIC Lab in Institute.
- Planning for development of STEADMIC Labs at Institute level.
- Coordination and associate the faculties and students for the development of STEADMIC labs.
- Track & monitor the progress and growth effective project of student team for an active participation in the development of virtual lab at college level.

Department of faculty coordinator:

- Identify the subject expert for the development. Communicate with TechAdventure coordinator for various activity of STEADMIC Lab Development.
- Provide daily to daily report of the development of STEADMIC Lab at department Level.
- Promote the usage of the STEADMIC Lab at department level.
- Motivate students for development of projects at department level.


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Student co-ordinator:

- The student should be energetic to work a team and follow the discipline and norms of the steademic.
- Help facultyco-ordinators to organize the activities.
- Follow all the limitations and instructions from the steademic departments.

ROAD MAP:**TARGET SET:-**

S.NO.	Branch/Course	Number of experiments under process	Number of Experiments to be development	Target Date
1	ME	16	15	June2022
2	ECE	6	03	June2022
3	CSE/IT	38	38	June2022
4	CIVIL	10	09	June2022

DETAILS OF TARGET UNDER PROCESS:-

S.NO.	Branch/Course	Number of Experiments	Subjects
1	ME	01	Automobile
2	ECE	03	Communication Engineering. Robotics Based
3	CIVIL	01	Transportation Engineering. Structural Engineering.


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Details of Target Achieved:-

S.NO.	Course	Title	Guide Name
1	MCA	Web Based Car Sharing System	Mrs.Anshul Sharma
2	MCA	Class Time Table Generation in C++	Mr.Ashutosh Pardhan
3	MCA	Cricket Team Selection using Distant envelop algorithm (DEA)	Mr.Vipul Mittal
4	MCA	School Management System in .Net	Mr. Rakesh Kumar Gupta
5	MCA	Online No-Due System in PHP	Mr. Ashutosh Pradhan
6	MCA	Stock Billing System in VB and MS Access	Mrs.Swati Sharma
7	MCA	Customer Data Provided in A Car Showroom USING PHP	Mrs. Geeta Singh
8	MCA	Android Leave Management System	Mr. Pankaj Singh
9	MCA	Business Card and QR Code Reader Application	Mrs.Geeta Singh
10	MCA	Creating A Text Editor USING ANDROID	Mr.Satendra Singh
11	MCA	White Card Web Application With Android App	Mr. Niraj Chaturvedi
12	MCA	Creating A Text Editor USING ANDROID	Mr.Satendra Singh


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Details of Target Achieved in CSE:-

S.NO.	Course	TITLE OF PROJECT	Guide Name
1	CSE	PARIVAHAN RESERVATION SYSTEM	Mr.MANAS TRIPATHI
2	CSE	AIRLINE RESERVATION SYSTEM	Dr. ABHISHEK SHUKLA
3	CSE	RESTAURANT ONLINE RESERVATION ON SYSTEM	Mr. HEMANT BHARDWAJ
4	CSE	HEART DISEASE PREDICTOR USING MACHINE LEARNING	Mr.MANAS TRIPATHI
5	CSE	FACE RECOGNISER	Dr. ABHISHEK SHUKLA
6	CSE	STUDENT HUB	Mr. ARVIND PANWAR
7	CSE	BLOOM: A PERSONALISED FITNESS APPLICATION	Mr. VIKAS GUPTA
8	CSE	THE PLANET	Mr. ARVIND PANWAR
9	CSE	COVID-19 PANDEMIC SITUATION	Dr. ABHISHEK SHUKLA
10	CSE	WEB AUTOMATION	Mr.MANAS TRIPATHI
11	CSE	DIGITAL TRADING PLATFORM	Dr. JAIDEEP KUMAR
12	CSE	E-COMERCE	Mr. HEMANT BHARDWAJ
13	CSE	COVID-19 TESTING MANAGEMENT SYSTEM	Mr. ARVIND PANWAR
14	CSE	HEART DISEASE PREDICTOR	Prof. MOHD VAKIL
15	CSE	COMMAND LINE INTERFACE	Dr. JAIDEEP KUMAR
16	CSE	AIR QUALITY INDEX	Mr. ARVIND PANWAR
17	CSE	E-COMMERCE STORE	Mr.MANAS TRIPATHI
18	CSE	BRAIN TUMOR DETECTOR	Mr. VIKAS GUPTA
19	CSE	SHOPPING WEB APPLICATION	Dr. ABHISHEK SHUKLA
20	CSE	HELMET & NUMBER PLATE DETECTION	Dr. JAIDEEP KUMAR
21	CSE	DRIVER DROWSINESS	Mr. HEMANT BHARDWAJ
22	CSE	PET FOOD PROJECT WITH 2 PHASE (ADMIN PANEL & SHOPPING SITE)	Mr.MANAS TRIPATHI
23	CSE	EXAM MANAGMENT SYSTEM	Mr. HEMANT BHARDWAJ
24	CSE	ORGANISATION PROJECT HANDLER & APPLICATION	Mr. ARVIND PANWAR
25	CSE	HEALTH CARE APPOINTMENT SYSTEM	Dr. JAIDEEP KUMAR
26	CSE	E-COMM WEB APP	Mr.MANAS TRIPATHI
27	CSE	RECURIMENT APP BY SALESFORCE	Dr. ABHISHEK SHUKLA


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28	CSE	VACOMBIMATE EDUCATION APP	Mr. VIKAS GUPTA
29	CSE	ONLINE MAINTENANCE	Dr. JAIDEEP KUMAR
30	CSE	POSTURE RECOGNITION SYSTEM	Mr. HEMANT BHARDWAJ
31	CSE	AUTOMATED WEB FORM FILLING	Mr. VIKAS GUPTA
32	CSE	NETWORK MARKETING	Mr. HEMANT BHARDWAJ
33	CSE	SHOPANY WAY	Mr.MANAS TRIPATHI
34	CSE	FACE RECOGNITION	Dr. JAIDEEP KUMAR
35	CSE	AI Virtual Mouse	Prof. MOHD VAKIL
36	CSE	DISEASES DETECTION	Prof. MOHD VAKIL
37	CSE	SWAD WALA (WEBSITE)	Mr. VIKAS GUPTA
38	CSE	VIRTUAL ASSISTANT	Dr. JAIDEEP KUMAR
39	CSE	ONLINE BOOK STORE	Mr.MANAS TRIPATHI
40	CSE	REDDIT CLONE	Mr. HEMANT BHARDWAJ



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Details of Target Achieved in IT:-

Details of Target Achieved in IT :-

S.NO.	Course	TITLE OF PROJECT	Guide Name
1	IT	DISEASE PREDICTOR USING MACHINE LEARNING	Prof. MOHD VAKIL
2	IT	COME TOGETHER LEARN TOGETHER	Dr. JAIDEEP KUMAR
3	IT	SOCIAL APP	Mr. HEMANT BHARDWAJ
4	IT	DOODLE CLASSIFIER COMPUTER VISION	Mr.MANAS TRIPATHI
5	IT	ADMIN PROTOCOL FOR E-COM	Dr. ABHISHEK SHUKLA
6	IT	ONLINE FOOD DELIVERING web APP	Mr. ARVIND PANWAR
7	IT	ONLINE BANKING MANAGEMENT SYSTEM	Mr. VIKAS GUPTA
8	IT	VIRTICAL ASSISTANT	Mr. PANKAJ SINGH
9	IT	REPO ORDERING SYSTEM	Dr. JAIDEEP KUMAR
10	IT	ONLINE FOOD DELIVERY WEBSITE(DYNAMIC)	Mr.MANAS TRIPATHI
11	IT	NOTES ORGANISER ANDROID APPLICATION	Mr. VIKAS GUPTA
12	IT	AUTOMATIC CODE SUBMITTER	Mr.MANAS TRIPATHI
13	IT	E-COMMERCE WEBSITE	Dr. JAIDEEP KUMAR
14	IT	PHARMACY WEB APPLICATION	Dr. ABHISHEK SHUKLA
15	IT	ONLINE FOOD ORDERING SYSTEM	Mr. PANKAJ SINGH
16	IT	KNOWLEDGE GOING APP IN VARIOUS PROGRAMMING LANGUAGES ON CROSS PLATEFORM	Mr. HEMANT BHARDWAJ
17	IT	E-LEARNING APP	Dr. ABHISHEK SHUKLA
18	IT	HEALTH INSURANCE SYSTEM	Mr. VIKAS GUPTA
19	IT	JDS GYM BLOGGING & SHOPPING WEBSITE	Mr. VIKAS GUPTA


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Details of Target Achieved in ME:-

S.NO.	Course	TITLE OF PROJECT	Guide Name
1	ME	Electric car with Hybrid electricity regeneration	Mr. Chirag Sharma
2	ME	Solar water purifier	Mr. Chirag Sharma
3	ME	Smart Phone Controlled Bot	Mr. Sushil Kumar
4	ME	voice control tank with gun	Mr. Sushil Kumar
5	ME	Energy generation using Electromagnetic Suspension	Mr. Sushil Kumar
6	ME	Autobumper car	Mr. Chirag Sharma
7	ME	Solar Base Agriculture Robot	Dr. Dharamveer Singh
8	ME	Energy Generation Using Exhaust then Cooling	Mr. Sushil Kumar
9	ME	solar conveyer system for size comparison	Mr. Chirag Sharma
10	ME	Smart convayer system for metal detection	Mr. Sushil Kumar
11	ME	Voice Control And Smartphone Control Solar Grass Cutter,SeedSowing,Water distribute	Mr. Sushil Kumar
12	ME	Earth Air Heat Exchanger	Mr. Chirag Sharma
13	ME	360° flexible drill machine	Mr. Chirag Sharma
14	ME	Horizontal Band Saw Machine with angle adjustment	Mr. Sushil Kumar
15	ME	Mini Solar Water Heater	Dr. Dharamveer Singh


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Details of Target Achieved in CE:-

S.NO.	Course	TITLE OF PROJECT	Guide Name
1	CE	Utilization of fly ash aggregate in light weight concrete	Dharmendra kumar
2	CE	Waste plastic mix road	Dr pankaj singh
3	CE	Intersection of roads(rotary intersections)	Anirudh kr
4	CE	Steel fiber reinforced concrete	Dr Pankaj singh
5	CE	Quarry dust as a partial replacement of sand in concrete	Anirudh kr
6	CE	Study and analysis of residential building using green building concept	Dr Pankaj singh
7	CE	autoclaved areated concrete	Dr Pankaj singh
8	CE	Use of coconut shells as replacement for coarse aggregate	Anirudh kumar
9	CE	use of recycled waste with bitumen in road construction	Dharmendra kumar




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STEADMIC OUT COMES:-

NO.	Roll NO.	Year	Branch	Name	Project Name	Organization	Award
1	2002310100005	II	CSE	Abhay Gupta	Face recognizer	RDEC	Certificates
2	2002310100009	II	CSE	Abhishek sharma	Face recognizer	RDEC	Certificates
3	2002310100037	II	CSE	Chanchal	Face recognizer	RDEC	Certificates
4	2002310100038	II	CSE	Keshav Choudhary	Face recognizer	RDEC	Certificates
5	1902310400010	III	ME	Gaurav Kumar	Solar Water Purifier	RDEC	Certificates
6	1902310400004	III	ME	Bhupender Kumar	Solar Water Purifier	RDEC	Certificates
7	1902310400018	III	ME	Pratham	Solar Water Purifier	RDEC	Certificates
8	1902310400007	III	ME	Deepak Kumar	Solar Water Purifier	RDEC	Certificates
9	2002310000006	II	CE	Kunal	Waste Plastic Mix Road	RDEC	Certificates
10	2002310000007	II	CE	Shivam	Waste Plastic Mix Road	RDEC	Certificates
11	2002310000008	II	CE	Shubham singh	Waste Plastic Mix Road	RDEC	Certificates
12	2002310000008	II	CE	Kuldeep kumar	Waste Plastic Mix Road	RDEC	Certificates



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STEADMIC Department on the Development of Project:-

**Certificates Awarded to the students involve development of
TECNOVATION:-**

Project Name1- FACE RECOGNIZER

S.No	Name Of student	Branch	Year
1	Abhishek Sharma	CS	Second
2	Abhay Gupta	CS	Second
3	Keshav Choudhary	CS	Second
4	Chanchal	CS	Second

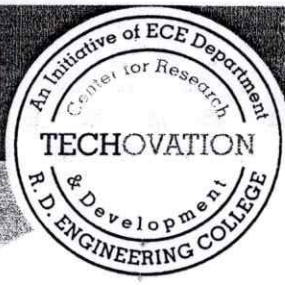
Project Name2-WASTE PLASTIC MIX ROAD

S. No	Name of student	Branch	Year
1	Shubham singh	CIVIL	Second
2	Shivam	CIVIL	Second
3	Kunal	CIVIL	Second
4	Kuldeep kumar	CIVIL	Second

Project Name-3- Solar Water Purifier

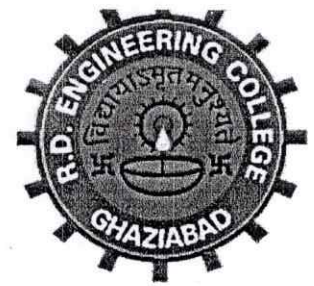
S. No	Name of student	Branch	Year
1	Pratham	ME	Third
2	Deepak kumar	ME	Third
3	Bhupender kumar	ME	Third
4	Gaurav Kumar	ME	Third


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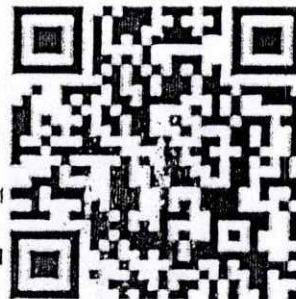
CERTIFICATE

This is to certify that CHANCHAL from CS 2nd yr. has successfully participated in FACE RECOGNISER held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed 1st position in the event.

We wish him/her all the best for future endeavours.

Prof. Mohit K. Singh

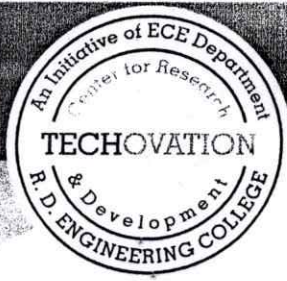
Program Coordinator



Prof. Vishal Upmanu

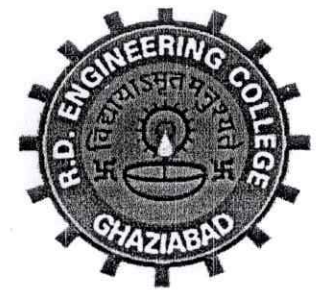
Head - ECE Department


Director
R.D. Engineering College
Duhai, Ghaziabad



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CERTIFICATE

This is to certify that KESHAV CHAUDHARY from CS 2nd yrs. has successfully participated in FACE RECOGNISER held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed 1st Position. in the event.

We wish him/her all the best for future endeavours.

MKS

Prof. Mohit K. Singh

Program Coordinator

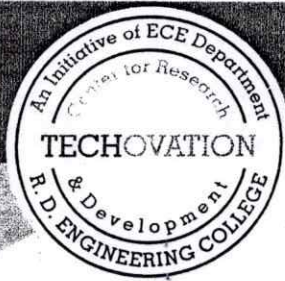


Vishal

Prof. Vishal Upmanu

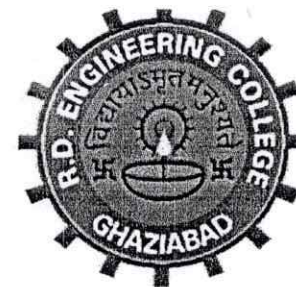
Head - ECE Department

Vishal
Director
R.D. Engineering College
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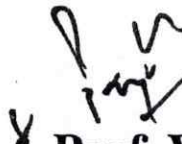
CERTIFICATE

This is to certify that ABHAY GUPTA from CS 2nd yr. has successfully participated in FACE RECOGNISER held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed 1st position in the event.

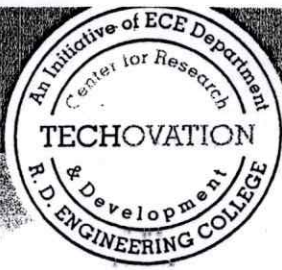
We wish him/her all the best for future endeavours.


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Program Coordinator



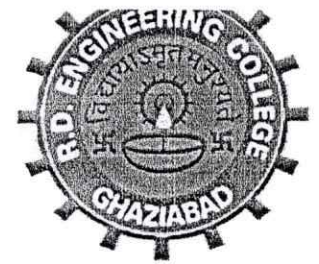

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Head - ECE Department


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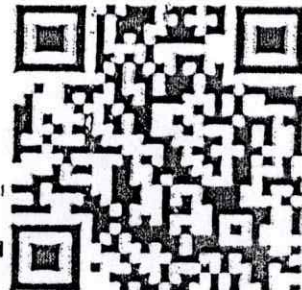
CERTIFICATE

This is to certify that ABHISHEK SHARMA from CS 2nd yr. has successfully participated in FACE RECOGNISER held on 20/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed 1st Position in the event.

We wish him/her all the best for future endeavours.

MS

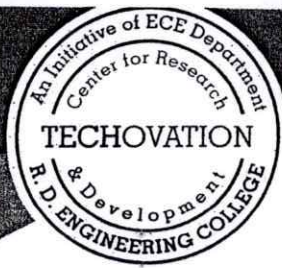
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Program Coordinator



Vishal

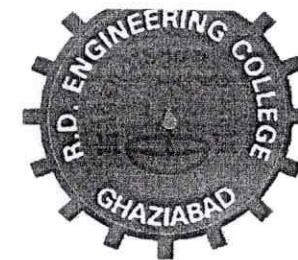
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Head - ECE Department

Vishal
Director
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CERTIFICATE

This is to certify that SHUBHAM SINGH from CIVIL 2nd yr. has successfully participated in WASTE PLASTIC MIX held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed II Position in the event.

We wish him/her all the best for future endeavours.

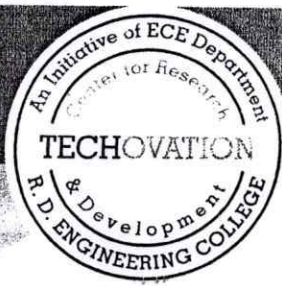
MS

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Program Coordinator



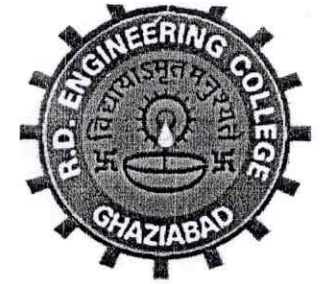
[Signature]
Prof. Vishal Upmanu
Head - ECE Department

[Signature]
Director
R.D. Engineering College
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CERTIFICATE

This is to certify that SHIVAM from CIVIL 2nd yr has successfully participated in WASTE PLASTIC MIX held on 28/02/2022 at R.D. Engineering ROAD College, Ghaziabad. He/She secured/contributed JT Position in the event.

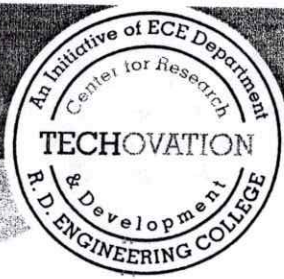
We wish him/her all the best for future endeavours.


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Program Coordinator



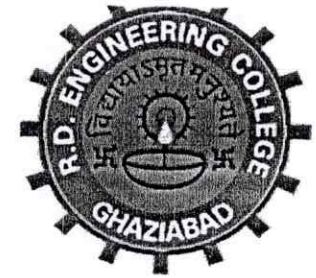

Prof. Vishal Upmanu
Head - ECE Department


Director
R.D. Engineering College
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CERTIFICATE

This is to certify that KUNAL from CIVIL 2nd yr has successfully participated in WASTE PLASTIC MIX held on 20/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed IT Position in the event.

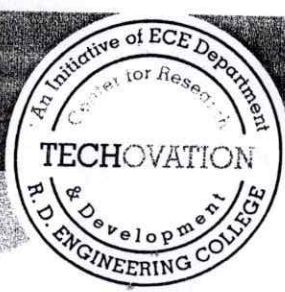
We wish him/her all the best for future endeavours.


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Program Coordinator



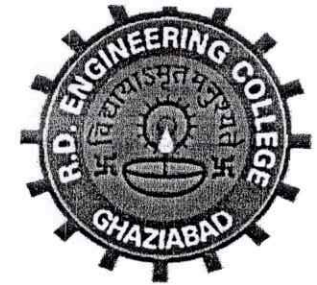

Prof. Vishal Upmanu
Head of ECE Department


Director
R.D. Engineering College
Duhai, Ghaziabad



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CERTIFICATE

This is to certify that KULDEEP KUMAR from CIVIL 2nd yr. has successfully participated in WASTE PLASTIC MIX ROAD held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed II Position in the event.

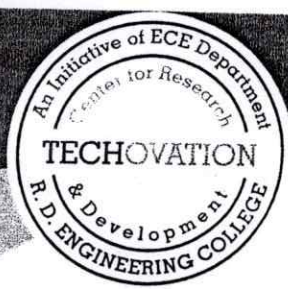
We wish him/her all the best for future endeavours.

MKS
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Program Coordinator



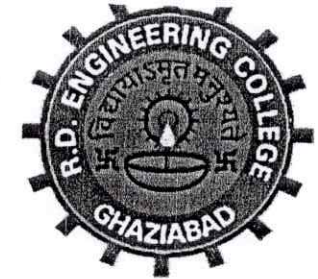
[Signature]
Prof. Vishal Upmanu
Head - ECE Department

[Signature]
Director
R.D. Engineering College
Duhai, Ghaziabad



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CERTIFICATE

This is to certify that DEEPAK KUMAR from ME 3rd yr. has successfully participated in SOLAR WATER - PURIFIER held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed IIIrd. Position. in the event.

We wish him/her all the best for future endeavours.

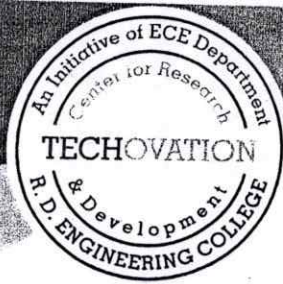
MKS

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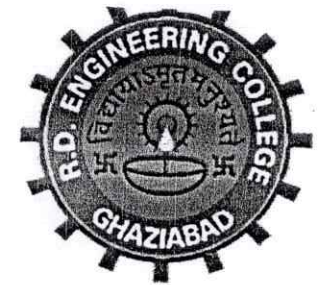
V. Upmanu
Prof. Vishal Upmanu
Head - ECE Department

V. Upmanu
Director
R.D. Engineering College
Duhai, Ghaziabad



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CERTIFICATE

This is to certify that PRATHAM from ME 3rd yr. has successfully participated in SOLAR WATER - PURIFIER held on 29/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed IIIrd position. in the event.

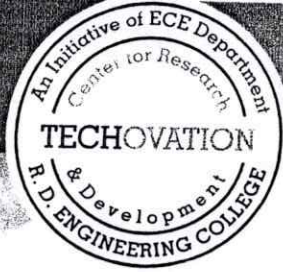
We wish him/her all the best for future endeavours.

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Program Coordinator



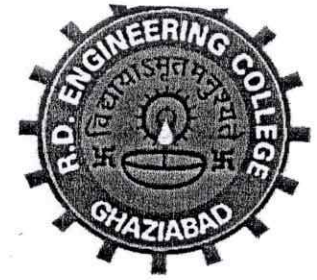
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CERTIFICATE

This is to certify that BHUPENDER KUMAR from ME 3rd yr. has successfully participated in SOLAR WATER PURI - FIER held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed IIIrd position in the event.

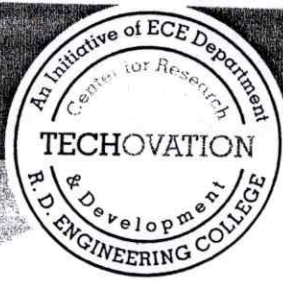
We wish him/her all the best for future endeavours.

Prof. Mohit K. Singh
Program Coordinator



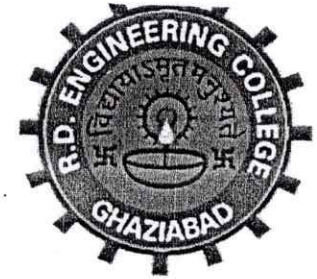
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Head - ECE Department


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CERTIFICATE

This is to certify that GAURAV KUMAR from ME 3rd Yr. has successfully participated in SOLAR WATER PURI-FIER held on 28/02/2022 at R.D. Engineering College, Ghaziabad. He/She secured/contributed IIIrd Position in the event.

We wish him/her all the best for future endeavours.

MKS

Prof. Mohit K. Singh
Program Coordinator



[Signature]
Prof. Vishal Upmanu
Head - ECE Department

[Signature]
Director
R.D. Engineering College
Duhai, Ghaziabad



**Dr. A.P.J. Abdul Kalam Technical University
Lucknow**

Prof. (Dr.) J. P. Pandey, Vice Chancellor

Presents

Award of Excellence

to

*Dr. Kumar Krishen, Vice President, Innovation Programme
R. D. Engineering College, Ghaziabad, Utter Pradesh*

for

Developing and testing Innovative **SOLAR POWER PRODUCE PRESERVATION SYSTEM** with potential for made in Bharat resulting in creating jobs and preserving fruit and produce worth billions of Rupees per year throughout the world.

Prof. (Dr.) J. P. Pandey

November 4, 2023

*Director
R.D. Engineering College
Ghaziabad*



**Dr. A.P.J. Abdul Kalam Technical University
Lucknow**

**Prof. (Dr.) J. P. Pandey, Vice Chancellor
Presents**

Award of Excellence

to

*Dr. Kumar Krishen, Vice President, Innovation Programme
R. D. Engineering College, Ghaziabad, Utter Pradesh*

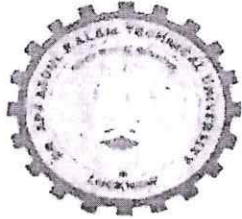
for

**Developing and testing Innovative SOLAR POWER TOY CAR KIT with potential for
made in Bharat resulting in creating jobs and making toy cars economical and easy to
operate throughout the world.**

Prof. (Dr.) J. P. Pandey

November 4, 2023

Joc
Director
R.D. Engineering College
Duhai, Ghaziabad



Dr. A.P.J. Abdul Kalam Technical University
Lucknow

Prof. (Dr.) J. P. Pandey, Vice Chancellor
Presents

Award of Excellence

to

Dr. Kumar Krishen, Vice President, Innovation Programme
R. D. Engineering College, Ghaziabad, Utter Pradesh

for

Developing and testing Innovative MULTIFUNCTIONAL SOLAR POWER AIR COOLER AND PERISHABLE ITEMS STORAGE SYSTEM with potential for made in Bharat resulting in creating jobs and increasing farm workers safety and productivity throughout the world.

Prof. (Dr.) J. P. Pandey

November 4, 2023

Director
R.D. Engineering College
Duhal, Ghaziabad