#### Vishwakarma Government Engineering College



Instrumentation And Control Engineering

Volume 5 Issue 1

January to March 2022

## PLACEMENT 2021

#### **AMRUT ENERGY**

Mohammad Amaan Saiyed



Zalak Sukhadiya



Shivani Yadav



Shivani Rathod



Rajvi Patel

### ADANI ENTERPRISE LTD.



Ketul Patel

## ACCURATE LABORATORY PVT. LTD.



Sanjay Rathava

## SIH - 2022

4 teams from Instrumentation and Control department participated in Institute Level Hackathon organized by the Vishwakarma Government Engineering College, Chandkheda, Ahmedabad. The selected teams would get a chance to compete in **Smart India Hackathon - 2022** 



Winning Team
Al based Chatbot

From R to L: Dhruv Sindha, Prachi Seth, Kushal Khaneja, Dimple Ramwani, Amit Verma and Vishakh Patel

Guide: Dr. M. K. Shah



First Runner Up Air Quality - Trucks

From R to L: Sanket Patel, Dhiraj Mali, Jay Marvania, Dhrumil Patel, Jasminbanu Saiyed and Chirag Mangrolia



Second Runner Up
Designing Drone

From R to L: Smit Patel, Nivedita Kothari, Naisargi Sharma, Jenil shah, Ayush Patel and Rushi Pandit



**Media Coverage** 



Participants All Teams



- Prof. M. M. Sharma along with final year students Yash Mevada, Harshwardhan Waghela and Hetanshi Pandya, published a paper named "Automatic pneumatic based Stamping Machine" at International Advanced Research Journal in Science, Engineering and Technology, Volume 9, Issue 1, January, 2022, DOI: 10.17148/IARJSET.2022.9134, ISSN (O) 2393-8021, ISSN (P) 2394-1588 (Impact Factor: 7.105) Page: 197 to 202
- Prof. N. R. Prajapati along with final year students Bhavin Sharma, Umang Raval, Kevin Prajapati and Mukund Rami, published a paper named "Process Automation Using PLC: A Web Server Approach" at International Advanced Research Journal in Science, Engineering and Technology, Volume 9, Issue 1, January, 2022, DOI: 10.17148/IARJSET.2022.9101, ISSN (O) 2393-8021, ISSN (P) 2394-1588 (Impact Factor: 7.105)
- Prof. S. N. Shah and Prof. S. Y. Rathod along with Hitarth Patel, Yash Patel, Manthan Mistry and Dharmesh Tukadiya, published a paper named "Wireless Smart Water Monitoring and Quality Measurement System" at International Advanced Research Journal in Science, Engineering and Technology, Volume 9, Issue 1, January, 2022, DOI: 10.17148/IARJSET.2022.9117, ISSN (O) 2393-8021, ISSN (P) 2394-1588 (Impact Factor: 7.105) Page:107 to 110
- Prof. M. V. Patel along with final year students Kashyap Koshti, Dhara Patel, Naimish Patoliya, Meet Patel, Yash Karsaliya and Aditya Chauhan, published a paper named "Real Time Classification and segregation of Cashew Nut Using Computer Vision" at International Advanced Research Journal in Science, Engineering and Technology, Volume 9, Issue 1, January, 2022, DOI: 10.17148/IARJSET.2022.9116, ISSN (O) 2393-8021, ISSN (P) 2394-1588 (Impact Factor: 7.105) Page:100 to 103
- Prof. M. D. Khediya along with final year students Dip Thummar and Axay Patoliya, published a paper named "Real Time Pest Prediction and Pest Control for Crops in Agriculture based on Embedded System." at International Advanced Research Journal in Science, Engineering and Technology, Volume 9, Issue 1, January, 2022, DOI: 10.17148/IARJSET.2022.9120, ISSN (O) 2393-8021, ISSN (P) 2394-1588 (Impact Factor: 7.105)



## DEPARTMENT ACTIVITIES

#### **Industrial IoT and Automation**

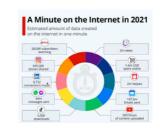
The Instrumentation and Control Department with an objective to fulfill the curriculum gap in an elective subject offered in the department for 6th semester students, named Industry 4.0, organized an expert lecture on "Industrial IoT and Automation", on 7th March, 2022. Prof. (Dr.) B. V. Budhdhadev, Retired, Computer Engineering Department, GEC, Gandhinagar, currently working as Chief Technical Mentor at Lookman Electroplast, was the speaker for the session, which was conducted in both online (MS Teams platform) and offline mode. The session, coordinated by Prof. M. M. Sharma was attended by 65 offline and 35 online participants





#### The Role of Cloud Computing in Industry 4.0

The Instrumentation and Control Department, with an objective to fulfill the curriculum gap in an elective subject named Industry 4.0 offered for 6th semester students, organized an expert lecture on "The Role of Cloud Computing in Industry 4.0", on 17th February, 2022. The expert for the session was Prof. (Dr.) C. S. Thaker, Head of Computer Engineering Department, GEC, Rajkot. The session was conducted online on Microsoft Teams with 31 students benefiting out of it. The event was coordinated by Prof. M. M. Sharma





#### The Smart Cities - Digital Solution for Future Livelihood

The Instrumentation and Control Department with an objective to fulfill the curriculum gap in an elective subject offered in the department for 6th semester students, named Industry 4.0, organized an expert lecture on "The Smart Cities – Digital Solution for Future Livelihood", on 8th March, 2022. Prof. (Dr.) B. V. Budhdhadev, Retired, Computer Engineering Department, GEC, Gandhinagar, currently working as Chief Technical Mentor at Lookman Electroplast, was the speaker for the session, which was conducted in both online (MS Teams platform) and offline mode. The session, coordinated by Prof. M. M. Sharma was attended by 60 offline and 45 online participants.

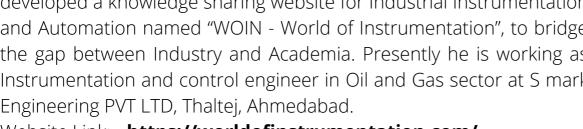






# ALUMNI ACTIVITIES

**MANUBHAI KISHANBHAI** MENDAPARA. alumnus Instrumentation and Control Department of 2020 pass out batch, developed a knowledge sharing website for Industrial Instrumentation and Automation named "WOIN - World of Instrumentation", to bridge the gap between Industry and Academia. Presently he is working as Instrumentation and control engineer in Oil and Gas sector at S mark Engineering PVT LTD, Thaltej, Ahmedabad.



Website Link: - https://worldofinstrumentation.com/

LinkedIn Profile: - www.linkedin.com/in/kishan-mendapara-woin

LinkedIn Group: - https://www.linkedin.com/groups/13938242/











- Dr. M. K. Shah, Associate Professor
- Prof. M. M. Sharma, Associate **Professor**
- Prof. M. D. Khediya, Assistant **Professor**
- Prof. M. V. Patel, Assistant Professor
- Prof. K. V. Kaul, Assistant Professor
- Prof. S. N. Shah, Assistant Professor
- Prof. S. Y. Rathod, Assistant Professor
- Prof. N. R. Prajapati, Assistant **Professor**
- Prof. P. S. Tirkar, Assistant Professor

## FACULTIES CONTACT US

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