

SAGAR GROUP OF INSTITUTIONS®

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SISTec

RATIBAD BULLETIN

DATE : 25th May 2021 | EDITION : II/2021



SISTec-E



SISTec-R

The **Offline-Online** Conundrum



Ever since the COVID pandemic started, the world just somehow halted its day-to-day activities, but we needed to push through it and adapt to the new normal. Educational institutes too faced major issues with different modes to interact with their students.

SISTec took this challenge head-on and ventured into an array of online platforms. We switched our classes to Google Meet, shared video lectures on YouTube, and organized expert lectures/workshops/seminars through Facebook Live. All in all, SISTec had cracked the code for the shift to the online domain.

But then everything started settling and we got back to the old normal – the offline mode. SISTec accepted this change too with arms open wide. We were able to welcome the students back on-campus with great ease. All safety measures deployed and following the social distancing norms we were able to start the new session and conduct daily activities effortlessly.

When the second wave of COVID came, things started to tumble down again. Lockdowns were imposed, a halt of business activities was observed, educational institutes were told to switch again to the online mode. SISTec again took this challenge head-on and was able to get on with its daily activities without any hassle. Having already cracked the code it already knew what needed to be done.

No matter what crisis,
SISTec knows how to fend off,
SISTec knows how to overcome challenges, and
SISTec knows how to thrive against all odds.

#StaySafe



Face-2-Face Personality Recalibration Program

An interactive session for 1st Year students was organized by the Corporate Relations Team to give them an introduction about the rocket start towards a successful journey of the next 4 years.

Prof. Prachi Shrivastava (Group Head, Corporate Relations) welcomed the budding technocrats followed by a captivating series of slides about the Personality Traits, Technical bend towards Corporates, Market scenario during COVID, forthcoming events, and activities for them.

She briefed the students about the Do's and only the Do's that need to be followed for a successful career. Further, she explained the career options available post their 4 Year Journey. She gave great pointers on Positive Attitude Building and made them aware of the latest trends and skillsets required for the corporate.

Mr. Ekansh Shukla (Corporate Relations Associate) elaborated on how to build a professional persona using LinkedIn and how it can help them in developing connections.





Road Safety Awareness Program

A Road Safety Awareness Event was held on the occasion of National Road Safety Month, celebrated from 18th Jan 2021 to 17th Feb 2021.

The college felt highly privileged to welcome esteemed guests from the Bhopal Police Traffic Control Department – Shri Sandeep Dixit (Additional SP), Shri Manoj Khatri (DSP), Shri Santosh Shukla (DSP), Shri Vijay Dubey (TI), and Shri Sanjay Somani (Chief Warden). They were welcomed with a sapling by Dr. Jyoti Deshmukh (Director, Sagar Group of Institutions), Dr. Manish Billore (Principal SISTec Ratibad), Mr. Mahesh Dwivedi (Manager Administration & HR), and Mr. Mayank Nema (Corporate Relations Officer and an Active Volunteer with the Bhopal Traffic Police).

Prof. Pallavi Dixit hosted the event and welcomed all the guests, followed by a Nukkad Natak prepared by the college students on Road Safety. The personnel from the Police Department held an interactive session with the students wherein they talked about the importance of Road Safety and gave a visual presentation of various road signs and symbols, and how to adhere to them.





Hostel Events

Workshop on New Trends in Art & Craft

Workshop on New Trends in Art & Craft was organized for students of Tejaswini Girls Hostel. They were taught poster-making and Varli Art under the guidance of Ms. Noureen. It was a free workshop sponsored by Fevicryl Pedilite Company. Certificates were provided to all participants by the company.





Hostel Events

An interactive and activity-based session for the hostel students

An interactive and activity-based session for the hostel students was conducted by Mr. Mahesh Dwivedi (Manager - Admin & HR) in the gracious presence of Dr. Manish Billore (Principal) to enlighten the students about the benefits of Time Management, Team Work, Education, Observation, and Focus on Overall Development. The students enthusiastically participated in many group formation activities where they enacted as group leaders and were also given weekly assignments such as “Know Your Campus” & “Write About Yourself”. The students were also guided towards building a vision on Life & Career and were also suggested various self-motivational techniques to overcome the challenges of life.





Hostel Events

Nalanda-Takshshila Sports Tournament

The students of Nalanda and Takshshila Hostels at SISTec Ratibad Campus organized their annual sports tournament – The "Nalanda-Takshshila Premier League" and "Nalanda-Takshshila Volleyball League". This year was the 11th Edition of the Cricket Tournament (NTPL-11 2k21) and the 9th Edition of the Volleyball Tournament (NTVL-9 2k21). The event is a year-long tradition carried on by the students since the inception of the institute.

An Award Ceremony was conducted in the Morning Assembly and the awards were presented by Dr. Manish Billore (Principal) along with the Heads of Departments Prof. Ajit Kumar Shrivastava (Computer Science & Engineering), Prof. Kshitij Yugbodh (Mechanical Engineering), Prof. Ashish Singhal (Electrical Engineering), Prof. Harvinder Singh Saluja (Electronics & Communication Engineering), and Dr. Vibha Shrivastava (Basic Science – First-Year Cell). Accompanying them were Mr. Mayank Nema (Manager Corporate Relations) and Mr. Arun Verma (Sports Officer).

The Final Match was played between the Unbeatable Warriors and the Dominators of which the Unbeatable Warriors won by 8 wickets and the Man of the Match was awarded to Mr. Roshan Vishwakarma.



Best Batsman – Mr. Raman Baghel * Best Bowler – Mr. Rishikesh Verma * Man of the Series – Mr. Raman Baghel

Moving on to the NTVL Awards, the **runner-up trophy** was presented to team Hard Hitters led by Mr. Rishikesh Verma, and the **winning trophy** was secured by the Unbeatable Warriors led by Mr. Raman Baghel.





Student Activity Council Events Know Your Campus



SAC organized "Know Your Campus", an exclusive event for the hostel students. The students divided themselves into teams of three and were given a questionnaire based on the college campus. The students needed to venture into different parts of the college to uncover the answers. The fastest team with the most correct answers will be declared as the winner. The participants, upon the wave of the flag, rushed against time to complete the event as fast as they can. The winning team consisting of Mr. Suraj Kumar (CSE - 2nd Year), Mr. Ashutosh Kumar (ECE - 2nd Year), and Mr. Ravi Kumar (ECE - 2nd Year) were felicitated in the morning assembly by Dr. Manish Billore (Principal).

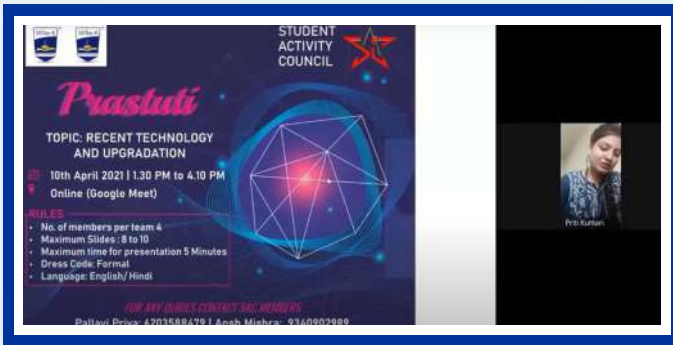




The
**Offline-Online
Conundrum**



Student Activity Council Events Prastuti



SAC organized "Prastuti" – An Online Presentation Competition exclusively for the First and Second Year Students on the topic – "Recent Technology and Upgradations". Prof. Pallavi Dixit and Dr. Shaheen Saulat judged the students on various parameters such as communication, language & grammar, visual presentation and its delivery, knowledge on the topic, etc.

The **3rd Position** was retained by **Mr. Ravish Kumar** and his team from the Department of Computer Science & Engineering, and their topic was “Block-Chain Technology”.

The **2nd Position** was secured by **Mr. Hariom Mewada** and his team from the Department of Mechanical Engineering, and their topic was “Space Debris”.

1st Position was grabbed by **Mr. Jagdeep Pandey** and his team from the Department of Computer Science & Engineering, and their topic was “Brain Control Car for Specially Abled using Artificial Intelligence”.

Congratulations to Winners

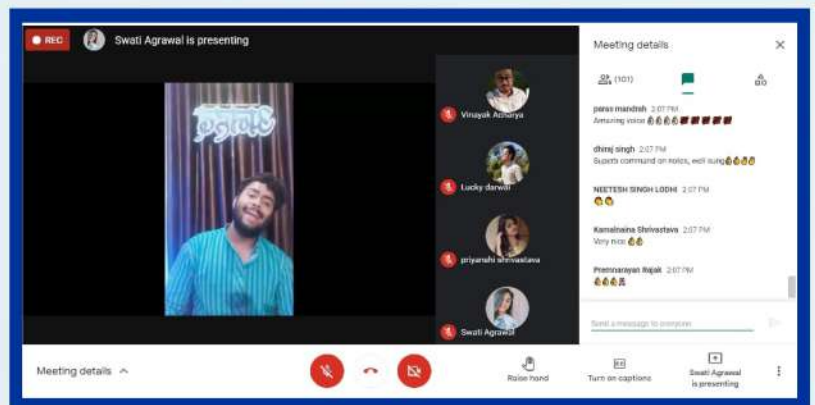
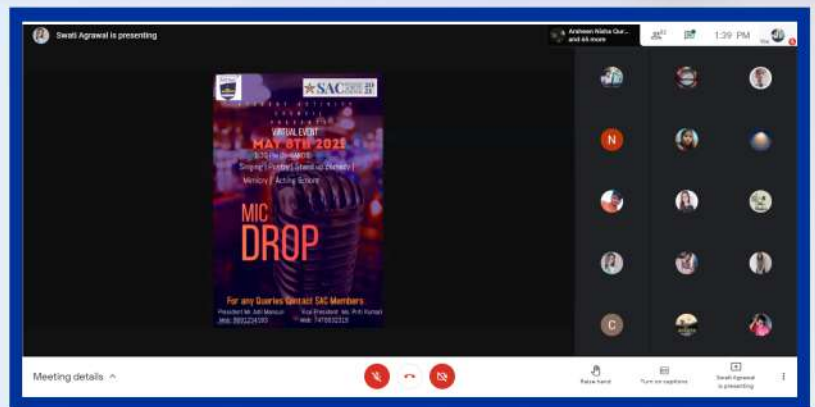
1st Position	2nd Position	3rd Position
Jagdeep Pandey Kulsum Jahan Pradeep Dhangar Pooja Verma	Hariom Mewada Abhishek Mewada Ajay Nagle Jogesh	Ravish Kumar Prajapati Sushant Dwivedi Vikas Meena Govind Kushwaha



Student Activity Council Events Mic Drop

SAC organized "Mic Drop" – Video Banao, Apna Talent Dikhao, designed to keep the essence of co-curricular activities intact in college life and to provide a platform for college students, to showcase their talents.

Everyone gathered through Google Meet for the main event to witness the various entries received for the competition. Mr. Vinayak Acharya hosted this event effortlessly. Prof. Sfurti Verma, the faculty coordinator for the event applauded the council for a successful event. Prof. Dhiraj Singh and Prof. Namrata Shrivastava judged the entries and the top three winners were declared. Mr. Adil Mansuri (SAC President) presented the digital certificates to the winners.



Third Position

Mr. Junaid Khan (Hindi Poetry)
Electrical Engineering

Second Position

Ms. Anamika Pal (Singing)
Computer Science & Engineering

First Position

Mr. Prathmesh Borikar (Singing)
Computer Science & Engineering



Institution's Innovation Council Activities Online Mentoring Session

The Department of Computer Science & Engineering in collaboration with IIC SISTec-R organized an Online Mentoring Session for TCS NQT & TCS CodeVita by SISTec Ratibad Alumni.

Ms. Tarranum Jahan (Assistant System Engineer) and Mr. Akhilesh Prajapati (Assistant System Engineer) both working at TCS Indore interacted and counseled the current batch of students on how to crack the TCS NQT/CodeVita. They also talked about appearing for the interview process, how to draft a resume, shared references for the preparations.





Institution's Innovation Council Activities

Intellectual Property Rights (IPRs) and IP Management for Startup

Institutional Innovation Cell organized a Facebook Live Session on "Intellectual Property Rights (IPRs) and IP Management for Startup" by the esteemed Ms. Shuchi Agarrwal, Founder and Managing Partner at IPNeeti, Noida.

The session was moderated by Dr. Sfurti Verma (Basic Science) and accompanying her as a panelist from the institution was Prof. Ajit Kumar Shrivastava (Head of Computer Science & Engineering Department).

Ms. Shuchi Agarrwal talked about IPRs, challenges faced cum problem areas, legal implications through various case studies. To conclude the session she gave insights about job opportunities and career prospects in the IP Domain for engineering students being an Electronics Telecommunication Engineer herself.





Cyber Security Awareness Program

A Cyber Security Awareness Program was organized with Chief Guest Ms. Richa Jain (Deputy Superintendent of Police DSP, Cyber Cell), accompanied by Mr. Atul Shrivastava (Training & Internship Cell of Cyber Police).

Dr. Manish Billore (Principal) addressed the gathering and welcomed the guests on behalf of the institute. He further shared the purpose of such events and how they can be beneficial to the students, and society at large. Moving on he handed the stage to Ms. Richa Jain for the presentation.

Ms. Richa Jain started with the basic question of what is cyber-crime and further elaborated on various kinds of cybercrimes she and her team have come across. She presented various real-life case studies of OLX, Matrimonial, Catfishing, and Facebook frauds, and other types of digital transgressions. She explained about strong login passwords, dual-step verification, SSL and HTTPS certificates. She also briefed on security measures to be followed while using social networking sites by allowing only know friends to be added. She also shared information about cyber offenses that happened and how the criminals were nabbed.





Faculty Development Programme on ARM Cortex Microcontroller for Renewable Energy Source Integration

The Department of Electrical Engineering organized a Two-Day Faculty Development Programme titled "ARM Cortex Microcontroller for Renewable Energy Source Integration" sponsored by Rajiv Gandhi Pradyogiki Vishwavidyalaya (RGPV) under the Third Phase of Technical Education Quality Improvement Programme (TEQIP-III).

The program was specially designed for the faculties and the course covered the following major topics by the experts Dr. M. A. Mulla (Associate Professor, S.V.N.I.T, Surat) and Mr. S. M. Juned (Training Head, National Infotech)

- 1.) Renewable Source Integration using ARM Cortex-M4 Microcontroller
- 2.) Blocksets for Programming GPIO, LCD, and Keyboard
- 3.) Blocksets for Programming TIMERS, ADC, and DAC
- 4.) Development of PLL and MPPT using ARM Cortex-M4 Microcontroller
- 5.) Demonstration of P & O MPPT using ARM Cortex-M4 Controller

In these two days, many hands-on sessions were taken covering major topics such as the features of STM32F407XX – Controller, pin configuration, configuring target setup & digital output in Simulink, burning the code in the flash memory of the Microcontroller using MATLAB, etc.





Campus Drive

A Closed Campus Placement Drive of Amrut Software was organized with the purpose of recruiting fresh talent for their Pune vertical at a profile of Trainee Software Engineer.

The Placement Drive was hosted by the Team Corporate Relations (TPO SISTec). Along with the Team, Principal SISTec Ratibad, Dr. Manish Billore and Prof. Ajit Kumar Shrivastava (Head of Computer Science & Engineering Department) welcomed the recruiters where they briefed the students about the company, profile, and other policies followed by personal interviews as part of their selection process.





Felicitation in the Morning Assembly

Ms. Monika Pandey (3rd Semester) and Ms. Ayushi Bodkhe (1st Semester) got felicitated in the morning assembly by Dr. Manish Billore (Principal) and Mr. Badal Bose (Head of Corporate Training Team).

They were the winners of "SISTec Number Games Season 1" and "Online Quiz Event on International Day of Education" respectively organized by the SISTec Corporate Training Team.





Women's Day Celebration

International Women's Day was celebrated at SISTec Ratibad with great delight. All the female staff members were welcomed with an IWD Badge & a Rose. The celebrations started with fun games for the support staff & faculties such as Bounce-It, Garland Making, Guessing Game, and Balloon-Ball Race. Amongst the faculties, Dr. Vibha Shrivastava & Dr. Abhilasha Bhingare (Basic Science), Ms. Vandana Rai (Computer Science & Engineering), and Ms. Bharti Mehta (Basic Science) were declared winners of Guessing Game, Bounce-It Game & Balloon Ball Race respectively. Amongst the support staff, Roopa Didi and Lata Didi were declared winners in Garland Making & Balloon Ball race.

Dr. Vibha Shrivastava (First-Year Incharge), Dr. Sfurti Verma (Basic Science) & Ms. Sreena Sreedharan (Asst. Manager HR) inspired and encouraged the audience to become self-reliant, practice skill-development, and challenging themselves to explore new endeavors.

The Student Activity Council also organized a celebratory event, where the students displayed an array of talent on-stage. A skit was presented on the theme of women empowerment that grabbed the attention of all present. Few singing performances were also presented by the students and a short video on Women's Rights was displayed.





Memorandum of Understandings

1. **SISTec Gandhi Nagar & Ratibad Campuses signed an MoU with Artech Solonics and DRMZ** to inculcate trending skill sets into our students' corporate portfolio. Mr. Amit Raje, MD Artech Solonics, and Mr. Sudesh Morey, MD DRMZ System Innovations signed MoU with Team SISTec with a mission to make students learn all core trending technologies in real-time and transform themselves from a learner to an Innovator. Dr. Jyoti Deshmukh, Director SISTec, Dr. Manish Billore, Principal SISTec Ratibad, Ms. Prachi Shrivastava Group Head, Corporate Relations and Team Corporate Relations presented the Corporate Portfolio and witnessed the event.



2. **SISTec Ratibad signed an MoU with Sai Design & Software Solutions** to promote great academic objectives and improve the software exposure among the students. The MoU will help students in identifying real-life challenges faced by the industries and help bridge this gap with series of seminars / workshops / guest lectures from reputed engineers and experts of the industry. Mr. Keshav Patel (Business Development Manager & Co-Owner) and Mr. Ajay Kumar Patidar (Branch Manager & Co-Owner) presented the portfolio to Dr. Manish Billore (Principal SISTec Ratibad), Prof. Kshitij Yugbodh (Head of SISTec Ratibad Department Of Mechanical Engineering), and Prof. Mukesh Kumar Mishra.



3. **SISTec Gandhi Nagar & Ratibad Campuses signed an MoU with Netlink** to target all Giant Corporates and let their technical skill based requisites, accordingly train our students to get placements on trending skill sets as per market demand. Team Corporate Relations presented the Corporate Portfolio and witnessed the event.





Sagar Samarthya

Sagar Samarthya is an Initiative of the Corporate Relations & Training Department to onboard the students for Placements, this year it was conducted for the students of Batch 2022. A Facebook Live session was organized to brief the students about the program. Further internal sessions were carried out by respective teams to brief and train students for upcoming placements.

The sessions mainly covered areas related to:

- Understanding the concept of internships, placement policies, and on-boarding procedures.
- Understanding of work ethics
- Understanding the workplace information
- Performance in Training Assessments
- Technical Modules & Preparations
- Mock Placement Drive



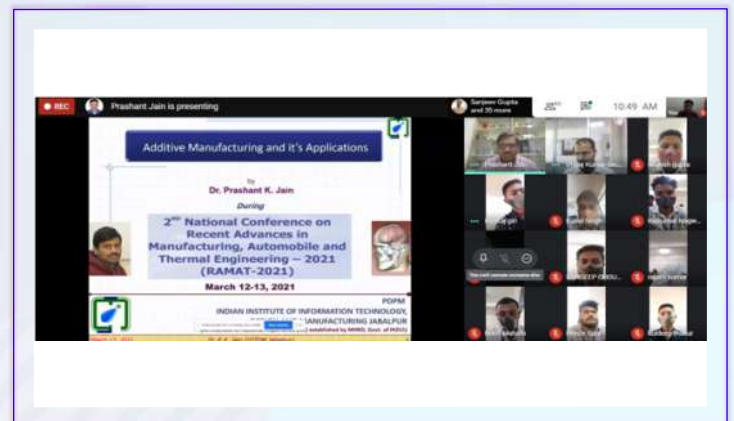
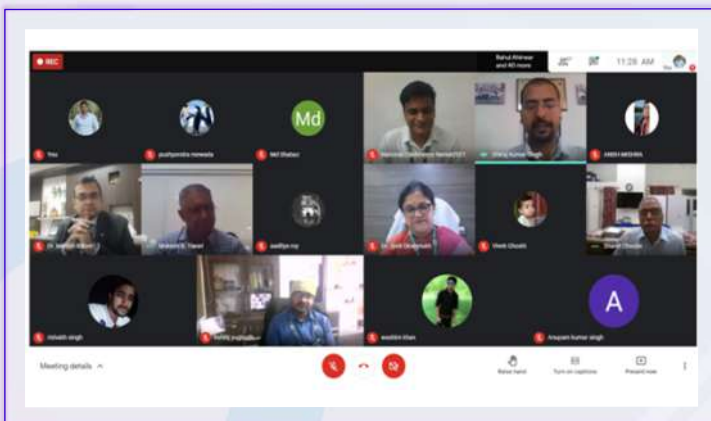
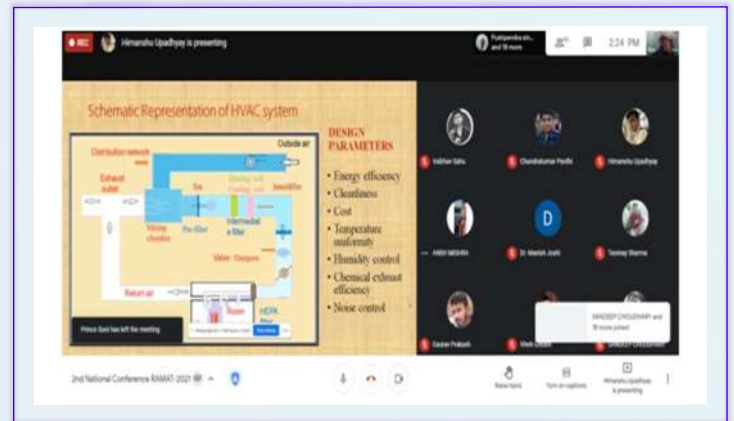
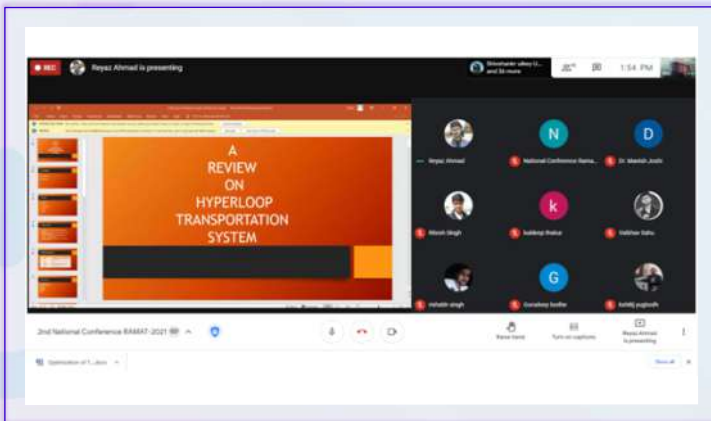


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2nd National Conference on Recent Advances in Manufacturing, Automobile & Thermal Engineering

The Department of Mechanical Engineering organized the 2nd National Conference on "Recent Advances in Manufacturing, Automobile & Thermal Engineering" (RAMAT-2021) sponsored by Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV) under the Third Phase of Technical Education Quality Improvement Programme (TEQIP-III).

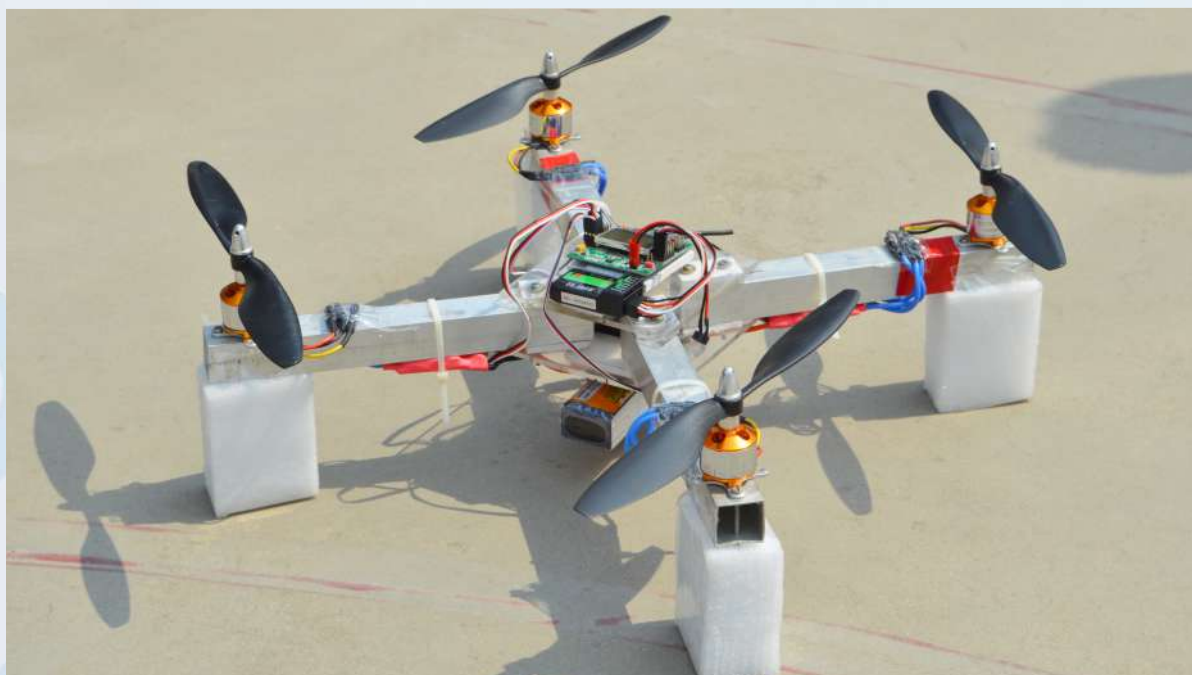
The conference provided a forum to researchers and UG/PG students to explore and discuss various aspects of Manufacturing, Automobile, and Thermal Engineering. It consisted of Keynote Sessions by Eminent Speakers and Paper Presentations. The selected papers are published in reputed journal International Journal of Advanced Engineering Science and Technological Research (IJAESTR).





Expert Session on Drone Technology

The Department of Electrical Engineering organized an expert session on "Drone Technology" with speaker Mr. Yashraj Sunhare, Founder and CEO of Jarvis Labs Pvt. Ltd. The expert explained all about drone technology, market share in the present and in the coming future which was a big motivation for all those who were attending. He discussed the science & technology that goes into the development of Drone. He further elaborated on the material requirement, design aspect, and applications of Drones. He also explained to the students about various job opportunities for various engineering streams that go into the assembly of Drones. Nearly 120 students from Electrical, Electronics & Communication, Mechanical, and Computer Science & Engineering attended this expert session and got benefited.





SISTec COVID Care Centre

Sagar Group started a free of cost COVID Care Centre with 500 bed capacity at SISTec Ratibad Campus to assist the local administration. The center was established to help asymptomatic patients facing issues with home isolation. A team of doctors will also be available in case of emergency medical services.





THE PLACEMENT BULLETIN (Jan - April 2021)

Name	Branch	Company	Profile
Akhil Kumar Karn	CS	Mindrubby Technologies	Software Engineer
Akash Bhalawi	EE	Epitome Components	Trainee Engineer
Dheeraj Malviya	EE	Epitome Components	Trainee Engineer
Nihal Aswara	EE	Epitome Components	Trainee Engineer
Nityanand Patel	EE	Epitome Components	Trainee Engineer
Ratan pal Singh	EE	Epitome Components	Trainee Engineer
Sonu Lodhi	EE	Epitome Components	Trainee Engineer
Isha Khantwal	CS	ABSYZ	Salesforce Engineer
Sanjana Rajput	CS	ABSYZ	Salesforce Engineer
Abuzer Ansari	CS	Sutherland Global	Associate - TS
Atul Mishra	CS	Sutherland Global	Associate - TS
Syed Nehaluddin	CS	Sutherland Global	Associate - TS
Yash Rathore	CS	Sutherland Global	Associate - TS
Zeenat Ansari	CS	Sutherland Global	Associate - TS
Anju Sen	EE	Dycon Systems	Internal Sales Engineer
Aditya Dubey	EE	Dycon Systems	Application Engineer
Ashish Patel	EC	Dycon Systems	Application Engineer
Isha Pilewan	CS	Amrut Software	Trainee Engineer
Bhavesh Kumar	CS	Amrut Software	Trainee Engineer
Abuzer Ansari	CS	Ibird Services	Trainee Engineer
Maaz Ahmed	CS	Ibird Services	Trainee Engineer
Akhil Kumar Karn	CS	CES	Junior Software Technologi
Maaz Ahmed	CS	CES	Junior Software Technologi
Aman Pandre	EE	Grupo Antolin	Graduate Engineer Trainee
Mayank Kumar	EE	Grupo Antolin	Graduate Engineer Trainee
Santosh Kumar Saket	EE	Grupo Antolin	Graduate Engineer Trainee
Prateek Gupta	EC	Grupo Antolin	Graduate Engineer Trainee
Abhishek Mishra	ME	Premier Seals Pvt Ltd	Graduate Engineer Trainee
Geetesh Kudupa	ME	Premier Seals Pvt Ltd	Graduate Engineer Trainee
Dhiraj Singh	ME	Premier Seals Pvt Ltd	Graduate Engineer Trainee
Raja Kumar	ME	Premier Seals Pvt Ltd	Graduate Engineer Trainee
Vivek Goshi	ME	Premier Seals Pvt Ltd	Graduate Engineer Trainee
Prerna Shakya	EE	Ronch Polymers	Trainee Engineer
Anil	ME	GESTAMP	Engineer Trainee
Ravindra Kumar	EE	A1 Fence	Graduate Engineer Trainee
Arpan Mishra	ME	Automotive Axles Limited	Graduate Engineer Trainee

NOTABLE HIRERS:

