

# SAGAR GROUP OF INSTITUTIONS®

• Engineering • Pharmacy • Management • Public Schools



## SISTec-Ratibad

# BULLETIN

DATE: 31.08.2023 | EDITION : 2023-VIII



SISTec-E



SISTec-R

## OBJECTIVE

To become a One-stop Solution for students in order to build their successful career.

## VISION

To become an institution of excellence in Science & Technology, by imparting world-class quality education and relevant training; producing skilled, competent & innovative workforce having social and ethical concern towards nation building.

## MISSION

- To establish a student-centric academic ecosystem enabling them to acquire & retain domain knowledge, develop lifelong learning attitude and maintain professional ethics.
- To induce career-oriented, industry-relevant skills in students, by means of appropriate & updated training modules for their overall grooming.
- To provide state of art facilities and infrastructure to facilitate seamless dissemination of technical knowledge and spirit of innovation among students.
- To foster collaborative development through industrial tie-ups and research, so that the students can serve the society.
- To enable continuous development of teachers, thereby ensuring updated knowledge transmission to our students.



[www.sistecr.ac.in](http://www.sistecr.ac.in)

### **SISTec Ratibad Campus:**

Sikandrabad, Ratibad,  
Bhadbhada Road, Bhopal,  
Ph: +91 7389609155

## INDEX

<b>1. Quad Torc</b>	<b>4</b>
<b>2. Workshop on Aeromodelling</b>	<b>7</b>
<b>3. MoU with L&amp;T EduTech</b>	<b>8</b>
<b>4. Expert Session &amp; Industrial Visit - CRISP India</b>	<b>9</b>
<b>5. Visit to B-NeST and Bhopal Smart City</b>	<b>10</b>
<b>6. Author's Talk: Mr. Satish Anand</b>	<b>11</b>
<b>7. Semester Break Training</b>	<b>12</b>
<b>8. 77th Independence Day Celebrations</b>	<b>13</b>

---

Compiled, design & edited by  
Digital & Creative Cell, SISTec Ratibad

---

For any feedback & suggestions : [admissions@sistec.ac.in](mailto:admissions@sistec.ac.in)

# Quad Torc

## Inaugural Function

The Quad Torc Season 9, a prestigious ATV Racing Championship presented by ISNEE Motorsports, was hosted at SISTec Ratibad. The event featured 11 teams from 5 states competing in all-terrain vehicle designing, fabrication, and racing. The students navigated challenging tracks, raced at high speeds, conquered hills, and showcased their unique automotive engineering skills. A panel of 14 judges evaluated the competition to determine the winners.

The inaugural function witnessed the presence of distinguished individuals, including Shri Sudhir Kumar Agarwal, Chairman of Sagar Group; Mr. Umesh Kumar, Founder and Director of ISNEE Motorsports; Dr. Shrikant Patil, Managing Director of CRISP, Bhopal; Dr. Deepak Paliwal, Joint Director of PSS Central Institute of Vocational Education; Mr. Kapil Kumar Agarwal, Chief Executive Officer of Sagar Manufacturers Pvt. Ltd.; and Mr. C. P. Sharma, Managing Director of Daulat Ram Mantena.



# Quad Torc Challenges

The participating students took on the challenge of designing and fabricating their own ATVs (All-Terrain Vehicles), showcasing their practical engineering skills and promoting interest in engineering principles among students.

All the participating teams faced various different challenges, including Assemble Disassemble, Brake Test, Mud Walk, Kill the Hill, Drop Test, Traction Test, Technical Inspection, and Endurance Challenge. The teams showcased their skills in various ATV challenges, such as pulling another heavy vehicle with their ATV to demonstrate strength and performing jumps on ramps.



# Quad Torc Prize Distribution

Mr. K. S. Nanda (MD, Indra Engineering Industries) and Dr. Sunil Kumar (Vice-Chancellor, RGPV) were among the notable guests during the prize distribution ceremony.

The winning teams, Team Arjuna from Tamil Nadu and Team Brahmastra from Maharashtra in the FOMBI and Quad categories respectively, were awarded prizes of up to Rs 2,00,000.



## Workshop on Aeromodelling

The Dept. of Mechanical Engineering organized a 5-Day Workshop on "Aeromodelling" in association with Beyond Gravity Bhopal and sponsored by the Madhya Pradesh Council of Science & Technology (MPCST) Bhopal.

This workshop was dedicated to learning the technology behind the making of aircraft. The participating students got a hands-on opportunity to Design, Build, and Fly an RC Air Plane. On Day 1, the students covered the basics of aerodynamics, understood the parts of an airplane, the forces acting on it, balancing, the development of a chuck glider from foam, and the flight test of the glider. Day 2 to Day 5 included the basics of electronics relevant to RC aeromodelling (radio controls, servo motors), stability & control of an airplane, and the final development.



## MoU with L&T EduTech

SISTec Gandhi Nagar and Ratibad Campuses have signed a Memorandum of Understanding with L&T EduTech to utilize their technology solutions in creating an advanced learning environment. This collaboration aims to equip engineering students with industry-relevant skills, enhance curriculum delivery, and provide practical insights. The MoU signing ceremony was attended by Mr. Mohan Murty A. (General Manager & Head - LWS (North & West) Business Unit, L&T Construction); Mr. Nitin Jain (DGM & Branch Manager L&T Power); and key representatives from the institutions involved.





## Expert Session & Industrial Visit - CRISP India

Mr. Govind Sharma and Mr. Chetan Chauhan from the Centre for Research and Industrial Staff Performance (CRISP) India took an expert session for 5th-semester mechanical engineering students. They got to know about the current industrial scenario of Hydraulics and Pneumatics. This was followed by an Industrial Visit to their centre in Bhopal



## Visit to B-NeST and Bhopal Smart City

Our students visited B-NeST and Bhopal Smart City where they gained valuable insights into B-NeST Incubation Centre by engaging with officials during an outreach program for new startups. Additionally, they had an opportunity to interact with the Incubated StartUps, providing them a glimpse into the future. Furthermore, students engaged with officials to better understand the operations of the Intelligent Traffic Management System and Integrated Command & Control Centre (ICCC) operated under Bhopal Smart City.



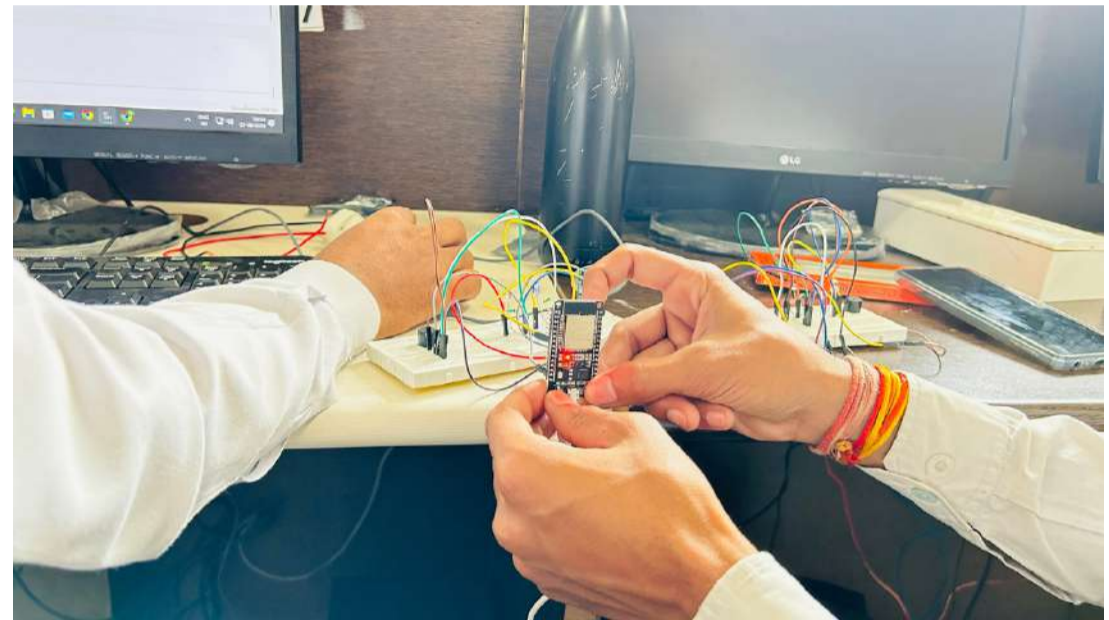
## Author's Talk: Mr. Satish Anand

SISTec Central Library and the Corporate Training Team organized an Author's Talk. Mr. Satish Anand, a Josh Skills Expert and Josh Talks Speaker, was the esteemed guest. His impressive repertoire includes publishing two notable works, "Circumstances Grew Him Up" and "Mr. Faujdar." He shared his life story, captivating the audience with personal anecdotes, and talked about the practical struggles he faced. Moreover, he imparted invaluable wisdom by discussing effective strategies for achieving a successful career.



## Semester Break Training

Training is a fundamental component of every student's education, as it plays a crucial role in their preparation for the real world and facilitates the acquisition of new skills. To provide our students with practical experience in their chosen fields, we meticulously arrange Semester Break Training sessions. These sessions offer invaluable hands-on opportunities for students to delve into various aspects of their respective disciplines.



## 77th Independence Day Celebrations

We celebrated the 77th Independence Day with immense fervor and enthusiasm. The event kicked-off with the ceremonial lighting of the lamp in front of Bharat Mata. Dr. Manish Billore, Principal, then hoisted the flag in the presence of all the HODs, faculty members, college staff, and students. The celebration continued with an awe-inspiring patriotic dance performance by the talented students. This was followed by captivating poetry recitations and soul-stirring patriotic song renditions by both the faculty members and students.



'Sagar Group', an invariably embraced mega-conglomerate is accurately contributing towards Atma Nirbhar Madhya Pradesh's, and thus India's, economic pace. We believe that the prime aim of life must be uplifting others.

Since 1983 | Team of 6000+ employees

## SAGAR GROUP OF INSTITUTIONS®

12 CAMPUSES | 2000+ FACULTIES | 20000+ STUDENTS' NETWORK



**SAGAR PUBLIC SCHOOL**

- Saket Nagar
- Gandhi Nagar
- Rohit Nagar
- Ratibad
- Katara Extension
- Dwarka Dham

All Schools Affiliated to CBSE | [www.spsbhopal.ac.in](http://www.spsbhopal.ac.in)

6 paramount school education institutes Known for nurturing creativity and cognizance



**SISTec**

GANDHI NAGAR & RATIBAD, BHOPAL  
ENGINEERING | MBA | PHARMACY

[www.sistec.ac.in](http://www.sistec.ac.in)

Highly regarded techno-skill education hub in Bhopal Offers Engineering (B.Tech), Pharmacy and MBA courses



CSR initiative of Sagar Group.

[www.abhaysagarfoundation.org](http://www.abhaysagarfoundation.org)

Vision - 'Educated MP, Magnificent MP'  
Serves the needful young brains  
500+ underprivileged children benefitted



**Agrawal Builders**

Thinking beyond building...  
An ISO 9001:2000 Certified Company  
BUILDERS • PROMOTERS • COLONISERS

[www.agrawalbuilders.com](http://www.agrawalbuilders.com)

Vision - 'Housing for All'  
Delivered 8500+ Homes  
30+ successful projects



**SAGAR YARN™**

A Product of  
**Sagar Manufacturers Pvt. Ltd.™**

[www.sagarmanufacturers.com](http://www.sagarmanufacturers.com)

Most modern textile industry of Central India  
Rated as a Star Export House  
Exports to 20+ countries  
Women Empowerment with Women Employment



[www.sagarrice.com](http://www.sagarrice.com)

State-of-the-art milling facility  
Exporting the farm produce of MP to the world



**Sagar Multispeciality Hospital**  
WE CARE | WE CURE  
[www.sagarmultispecialityhospital.com](http://www.sagarmultispecialityhospital.com)

The 300-bedded multispeciality hospital designed and equipped with the modern tech equipment and team of the best medical professionals catering to the citizens of Bhopal



LEGACY OF 4 DECADES