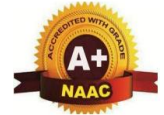


# ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY



Sadar, Nagpur-440001  
(Managed by : Anjuman Hami-E-Islam, Nagpur)  
**NAAC ACCREDITED: A + CGPA: 3.36**  
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website : [www.anjumanengg.edu.in](http://www.anjumanengg.edu.in) E-mail : [eng.acet@gmail.com](mailto:eng.acet@gmail.com)



**Title of the Activity:** Celebrating National Startup Day.

**Date of the Activity:** 16 January 2025

**Name of the Resource persons: -**

Keynote Speakers

1. Dr. Suhas Buddhe, Managing Director, Biocare India Pvt.Ltd.
2. Er. Tanveer Mirza, India Chair, Nagpur First Foundation.

**Resources used:** ICT

We were privileged to hear from Dr. Suhas Buddhe, Managing Director, Biocare India Pvt.Ltd. He shared valuable insights on the challenges and solutions related to establishment of Startups highlighting areas of potential in India. Discussion was nicely participated by students and their queries related to startups were resolved by the expert.

Er. Tanveer Mirza, India Chair, Nagpur First Foundation delivered an insightful session on motivating students for getting involved in startup ventures. Challenges of project execution. along with real life examples were discussed.

**Number of Students Involved:** 45

Number of Faculty: 29

**Outcome:**

- Knowledge about Start ups
- Motivation for developing Startups.
- To adopt a mindset towards entrepreneurship.





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**Title of the Activity:** Energy Conservation Workshop 2024 Project & Poster Competition

**Date of the Activity:** 14/12/2024

**Name of the Resource persons: -**

Chief Guest: Hon'ble Shri. S. Subramanian, Director, Power Grid, Western Region

Hon'ble Dr. Atul Vaidya

Director, NEERI, Nagpur

**Resources use:** The Institution of Engineers, Nagpur ,India.

WON 3RD Prize for Project Competition

Project Title: Hybrid E-Bike.

Dept of Electrical Engg

In Energy Conservation Workshop 2024 Organized by The Institution of Engineers (India), Nagpur.  
On 14th December 2024.

**Number of Students Involved:** 65

**Outcome:** To show student's innovative project at higher level and the process boosted their confidence.

**Photographs:**





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**Title of the Activity:** GNS Startup Showcase at the 11th Annual Global Nagpur Summit 2024

**Date of the Activity:** 08 December 2024

**Name of the Resource persons:** -

Keynote Speakers

1. Mrs. Aanchal Sood Goyal (IAS), Additional Commissioner, NMC, spoke about various challenges and solutions related to solid waste management.
2. Dr. Yogendra Shastri, Professor, IIT Bombay, emphasized the importance of proper waste management.
3. Rajendra Inani, Vice President and Segment Head, Water and Smart Cities, Tata Projects, shared insights on sustainable practices.

Panel Discussion

The panel discussion featured experts, including:

1. Ms. Jui Pandharipande, Environmentalist and Educator
2. Mr. Pranav Nagarnaik, Technical Director, Qualichem Laboratories
3. Dr. Sachin Mandavgane, Expert in Waste Management

**Resources used:** ICT

- We were privileged to hear from Mrs. Aanchal Sood Goyal (IAS), Additional Commissioner, Nagpur Municipal Corporation (NMC), during the Technology Track session. She shared valuable insights on the challenges and solutions related to solid waste management, highlighting NMC's efforts to transform Nagpur into a cleaner, more sustainable city:
  - Comprehensive Waste Management: Route designations, 3 shifts of vehicles and workers to clear black spots across the city.
  - Focus on Legacy Waste: Addressing the 10.5 lakh metric tonnes of accumulated waste, with ₹780 required to process each metric tonne.
  - Innovative Approach: ₹100 crore allocated for waste collection, with attention to construction and demolition (C&D) waste.Mrs. Goyal also invited summit participants to visit NMC's waste management team to understand their operations and contribute ideas for enhancing efficiency.
- Dr. Rajendra Inani, Vice President & Segment Head - Water and Smart Cities, Tata Projects, who delivered an insightful session on urban development and sustainability. Discussed reverse osmosis, sewage networks, and the challenges of project execution. Emphasized waste reduction and environmentally aligned urban planning. Highlighted

how we replicate global projects in various sectors, asking a compelling question: “If we can adopt global standards in technology and infrastructure, why not embrace their commitment to cleanliness?” Explained the role of municipalities in executing projects like Swachh Bharat Mission and Smart City Mission, while addressing financial constraints. Dr. Inani stressed the importance of instilling a value system in academics and households, where the principles of cleanliness, sustainability, and responsible urban living become an integral part of our daily lives.

- Innovative Approaches to Waste Management: Insights from Prof. Yogendra Shastri at the 11th Annual Global Nagpur Summit 2024. Prof. Yogendra Shastri delivered an engaging session on Municipal Waste Management, emphasizing the need for innovative, holistic, and impactful solutions. Key highlights of his discussion included:

- Solving the Right Problems: Approaching waste management with a focus on waste reduction and addressing core issues.

- Technological Insights: Exploring methods like landfills, incineration, pyrolysis, gasification, anaerobic digestion, and composting, while recognizing the challenges of waste segregation and consistent supply.

- Circular Economy: Shifting perspectives to view waste as a resource rather than a burden. Concepts like Refuse Derived Fuel (RDF) and plastic recycling were highlighted as pivotal.

- Psychological Barriers: Stressing that waste management is not just a technological challenge but also a behavioral and psychological one.

- Real-Life Examples: Case studies, including findings from Greater Mumbai, demonstrated the importance of measuring impacts, cost analysis, and trying different methods for optimal results.

- Holistic Thinking: Advocating for a system-wide assessment, aligning innovative ideas with sustainable practices, and quantifying impacts effectively.

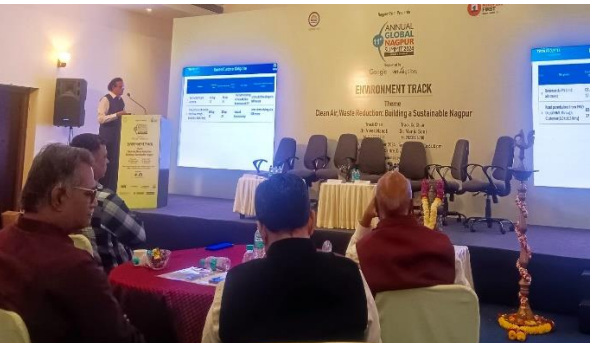
Call to Action: Prof. Shastri urged us to adopt a mindset where waste is seen as an opportunity and to integrate value systems in our daily lives—at home, in schools, and beyond.

**Number of Students Involved: 20**

**Outcome:**

- Sustainability Focus, Global Parallels.
- Urban Development Initiatives
- To adopt a mindset where waste is seen as an opportunity and to integrate value systems in our daily lives—at home, in schools, and beyond.

# Photographs:





# ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

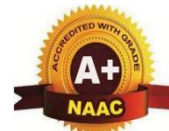
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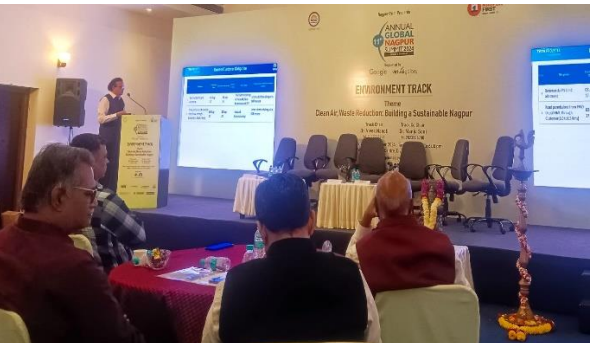
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**Number of Students Involved: 20**

**Outcome:**

- Sustainability Focus, Global Parallels.
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# Photographs:





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**Title of the Activity:** Seminar on "Tapping into the Global Semiconductor Market"

**Date of the Activity:** 05 /11/2024

**Name of the Resource persons: -**

Keynote Speakers

Dr. Vivek Khanzode, Vice President, Systems Engineering at Marvell Semiconductors, California USA.

**Resources used:** ICT

The talk was on opportunities in semiconductor industries and prospects for India, aspiring professionals and Indian entrepreneurs.

**Number of Students Involved:** 20

**Outcome:**

- Opportunities in Semiconductor industry and prospects for India, Aspiring Professionals & Indian Entrepreneurs.
- Beneficial for Startup Founders, Aspiring Entrepreneurs, Professionals & Students

**Photographs:**



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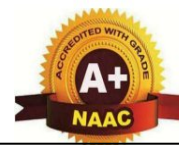
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## Report on Internal Smart India Hackathon 2024.

Name of Event: Internal Smart India hackathon 2024
Name of Organizers: IIC, EDC & Incubation Cell. Of ACET
Name of Coordinator: Dr. S.M Ali
Name of members: Dr Tirupati Goskula Dr Irfan Ali Dr. Naseeruddin Haris Dr. Anwar Ul Siddique Mr Atul P Ganorkar Mr Akil Ahmed

On 09th September 2024, one day Offline Internal Smart India Hackathon 2024 was organized by the Anjuman College of Engineering and Technology. A total of 15 teams have participated in Internal SIH 2024 from entire College.

As a part of judging process two senior staff from each department was nominated. All 15 team were selected for idea submission through evaluation criteria's. Required details were filled on SIH portal through institute login credentials. Nominated Team's team leader got the Login credentials after SPOC upload team details in the portal to complete the idea submission process. On 20 December all 15 teams have uploaded their ideas to SIH 2024 for further evaluation.

# Photos of Event:





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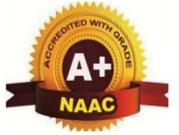
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**Title of the Activity:** Ideas showcase meet with students of 2024 to show case their ideas

**Date of the Activity:** 06 September 2024

**Jury Details:** Two faculties from each department.

**Resources used:** Power point presentation.

On 06th September 2024, one day Offline Preliminary meet was organized by the Anjuman College of Engineering and Technology. Students have shown their ideas .The objective of the event was to see the ideas of students and to enlighten the students with the challenges of Software and Hardware Edition. The objective of this was to guide the students with ideas for different problem statements listed by multiple organizations and Ministries of India. This helped students to understand the problem with different perspectives and to come up with a proper solution.

**Number of Teams:**10

**Outcome:**

- The ideas presentation offers students an opportunity to showcase their skills
- It also encourages collaboration with industry experts, government agencies, and other stakeholders.

**Photographs:**





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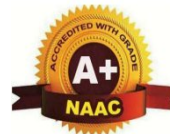
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**Title of the Activity:** Webinar on Smart India hackathon 2024

**Date of the Activity:** 27/8/2024

**Name of the Resource persons:** -

Keynote Speakers

Dr Abhay Jere, Vice Chairman AICTE & Chief Innovation Officer (CIO) ,Ministry of Education, Govt of India.

**Resources used:** ICT

The various departments of Anjuman College of engineering and technology provided the facility of live telecast of webinar conducted by Ministry of Education, Government of India in collaboration with All India council of Technical Education, New Delhi on "Smart India Hackathon 2024. The expert lecture was delivered by Dr Abhay Jere, Vice Chairman AICTE & Chief Innovation Officer (CIO) ,Ministry of Education, Govt of India. to students of ACET who were made aware of Themes and Idea submission procedures There were 145 students who attended this webinar. The hackathon not only offers students an opportunity to showcase their skills but also encourages collaboration with industry experts, government agencies, and other stakeholders.

**Number of Students Involved:** 145

**Outcome:**

- The hackathon not only offers students an opportunity to showcase their skills
- Also encourages collaboration with industry experts, government agencies, and other stakeholders.

# Photographs:





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Guest lecture / seminar / workshop

Date: 27-08-2024

Topic: Webinar On Smart India Hackathon 2024

Roll No	Section	Name of Student	Signature
05	7 <sup>th</sup> /A	Sakshi Indurkar	
02	7 <sup>th</sup> /A	Jsha Rauty	
01	(A) 3 <sup>rd</sup>	Aaliya. P. Patban	
04	(A) 3 <sup>rd</sup>	Mahima. S. Bodhe	
43	A 3 <sup>rd</sup>	Anjum Ayeshah @adab Sheikh	
12	(A) 5 <sup>th</sup>	Mohammad Rehan	
02	5 <sup>th</sup> (A)	Prachi Takande	
23	5 <sup>th</sup> (A)	Ramrak. Khobragade	
18	5 <sup>th</sup> (A)	NISHCHAY JIRKHEKAR	
15	3 <sup>rd</sup> (A)	Mawana Fulek	
16	3 <sup>rd</sup> (A)	Gaurav Chhikhalke	
11	2 <sup>nd</sup> (A)	Angan Jorwade	
20	7 <sup>th</sup> (A)	Pavneer Khan	
15	5 <sup>th</sup> (A)	md. Sivaaj Ansari	
26	7 <sup>th</sup> (A)	Vaibhav Jambhulkar	
27	3 <sup>rd</sup> (A)	Piyush. R. Parate	
36	3 <sup>rd</sup> (A)	Satvik Ambade	
40	3 <sup>rd</sup> (A)	Manthan U. Wansare	
31	5 <sup>th</sup> (A)	Vishal Kumbhar	
20	5 <sup>th</sup> (A)	Parashik Patil	
06	5 <sup>th</sup> (A)	AJAHAR MIRZA	
04	7 <sup>th</sup> A	Muskan Shamraye	
22	7 <sup>th</sup> A	Sandesh Rongari	