



**Dr. Akhilesh Das Gupta Institute of Professional
studies, NewDelhi**

Department of Mechanical Engineering

List of Activities January 2023 - May 2023

Sr. No.	Organized Activity	Date of event
1	B.I.S.	13 October 2023
2	INDIA MOBILE CONGRESS	27 October 2023
3	Visit to “NISE”	01 December 2023
4	MSME	08 December 2023
5	Ingreee Autoventures	07 Feb 2024
6	ACREX	15,16 &17 Feb 2024
7	BOSCH	29 Feb 2024

Mr. NAMAN BAJPAI

Event Coordinator

Mr. Neeraj KUMAR

HOD (ME/MAE)



**Dr. Akhilesh Das Gupta Institute of Professional
studies, NewDelhi**

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8	RACHNA	13 March 2024
9	HUNAR PE CHARCHA	13 March 2024
10	SPACE EXPLORATION	14 March 2024
11	MECH-O-MANIA	14 March 2024
12	FUNTUS	15 March 2024
13	Team ANAGATA	15 March 2024

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A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: Lecture on BIS

Dated: 13THOCT. 2021

Department: Mechanical Engineering

Venue: Seminar Hall Room-2310

Objectives: The objective of a BIS (Bureau of Indian Standards) workshop in a college is to familiarize students with BIS standards, regulations, and quality control practices relevant to their fields of study. It aims to enhance students' understanding of industry standards, promote compliance with quality norms, and cultivate a culture of quality consciousness among future professionals. Additionally, the workshop provides opportunities for skill development, networking with industry experts, and exploring career paths aligned with quality assurance and standardization.

Activities Undertaken:

1. Nukkad Natak
2. Poster making competition
3. Slogan making competition
4. Quiz competition
5. Youth to youth connect

Outcome: The outcome of a BIS (Bureau of Indian Standards) workshop in a college includes heightened awareness of national quality standards, improved understanding of conformity assessment procedures, and enhanced skills in quality management systems. Participants gain practical knowledge applicable to various industries, fostering a culture of quality and compliance within the academic and professional realms.

Beneficiaries: 1st, 2nd and 3rd year students.





A REPORT

**Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi**

Title: INDIA MOBILE CONGRESS

Dated: 27/10//2023(Inauguration ceremony by Hon'ble Prime Minister)

Department: All Engineering Departments and MBA Department

Nodal Officer of Ministry: Prof(Dr) Niranjan Bhattacharyya, ADGITM

Venue: Bharat Mandapam, Pragati Maidan, Delhi

Objective: To catapult India into the limelight and to become a beacon of the all-encompassing digital transformation shaping the future.

Activities:

India Mobile Congress (IMC) was the largest telecommunication, media, and technology forum of the World, jointly organized by the Department of Telecommunications (DoT), Government of India and the Cellular Operators Association of India (COAI). It was a three-day event that focuses on the latest trends in the realm of TMT and ICT. The seventh edition of IMC was held in New Delhi from October 27-29, 2023, with the theme “Global Digital Innovation”. The event aimed at bring together industry, government, academia, and other ecosystem players to discuss, deliberate, demonstrate and display the latest trends in the realm of TMT and Information & Communication Technologies(ICT).

The conference featured a range of sessions on topics such as skill development for a connected world, innovation and entrepreneurship for sustainable development (SDGs), The conference also had an exhibition area covering seven Halls (Hall No-1 to 7) At Pragati Maidan where companies showcased their latest products and services.

The faculty members and students of ADGITM got a special invitation from Department of Telecommunication and IT, Government of India, to participated at the inaugural session of IMC 2023 on 27th October, 2023 along with students and faculty of very few reputed Institutions like IIT-Delhi, DTU, NSUT, IGDTU, DU, JNU and NIT-Delhi. **All other participating institutions were from Government sector.** We could manage passes from PMO for all the 429 students and 14 faculty members who had registered for the event. Out of 429 students of ADGITM, 217 students were from ECE department. Products and services of the Global companies were exhibited in hall no. 1 and 7. Students interacted with the industry experts of Satellite and mobile communication & clarified their doubts regarding latest trends in the emerging fields, after the inauguration of the event by Hon'ble PM.

Students were given brochures, Technical bulletins and free bees by various organizations such as: Reliance-JIO, AIRTEL, ERICSSON, VI, HUGGES, AT&T, NOKIA, SAMSUNG, BIRLA GROUP, TCS, DELOITTE, BSNL etc. Process of getting paid internship training and future



A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies, New Delhi

absorption on successful completion of internship in these giant companies were also discussed with our students by Technical experts and HR teams. Arrangement of working lunch was done for each and every faculty members and students.

Benefit of ADGITM in the event:

The IMC 2023 aimed to bring together industry, government, academia, and other ecosystem players to discuss, deliberate, demonstrate and display the latest trends in the realm of TMT and ICT. **ADGITM** tried to expose students and faculty to the Industry through this IMC 2023 in the following ways:

1. **Relationship building:** By participating in the event as the only private sector Institution in Delhi, **ADGITM added credibility and legitimacy to the industry as well as to the ministry.**
2. **Efficient and cost-effectiveness:** IMC is a cost-cutting strategy that involves developing and implementing multi-use materials for a product or service. This might open minds of our students towards entrepreneurship.
3. **Comprehensive:** It establishes familiarity with latest technology to our students.
4. **Memorability:** IMC campaigns are memorable because they use a variety of media to communicate a message. Students could register it in their mind easily.
5. **Loyalty:** IMC campaigns build brand loyalty by creating a consistent message across all media. Our college name **ADGITM got mentioned along with IIT, NIT, DTU etc.**

Outcomes:

The conference featured a range of sessions on topics:

1. Skill development for a connected world.
2. Innovation and entrepreneurship for sustainable development (SDGs).
3. Building a cyber resiliency in the new digital era.
4. Open RAN.
5. Generative AI's transformative footprint.
6. 5G adoption.
7. Opportunities for paid internships and future absorption in telecommunication, Satellite and Mobile communication companies.

Beneficiaries: Faculties and students of ADGITM.

Photographs:





A REPORT
Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: Visit to “NISE”

Dated: 01ST December 2023

Department: Mechanical Engineering

Venue: NATIONAL INSTITUTE OF SOLAR ENERGY (NISE), Gwal Pahari, Faridabad

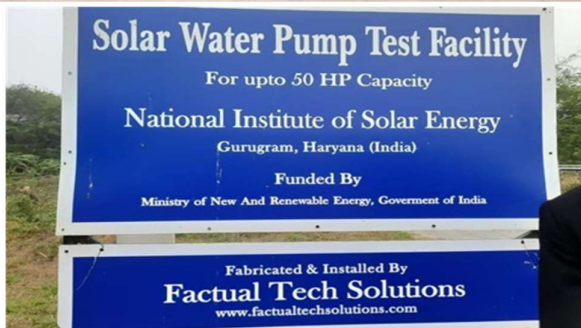
Objectives: The objectives of National Institute of Solar Energy (NISE), Gwal Pahari, Faridabad, by students are to foster research, innovation, and knowledge dissemination in solar energy and green hydrogen technologies. They aim to promote sustainable development, raise awareness, and empower communities through education and training initiatives, contributing to India's renewable energy goals and global environmental sustainability efforts.

Activities Undertaken:

- Solar panel installation workshops.
- Renewable energy awareness campaigns.
- Solar technology demonstrations.
- Research on solar energy applications.
- Green energy conferences participation.

Outcomes: Students from the National Institute of Solar Energy (NISE), Gwal Pahari, Faridabad, showcased innovative solar solutions, fostering renewable energy awareness and education. Their projects demonstrated practical applications, sustainability benefits, and the potential for solar technology in addressing energy challenges. This engagement empowered students with hands-on experience and inspired future solar advocates.

Beneficiaries: 2nd and 3rd year students.





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: MSME

Dated: 08TH December 2021

Department: Mechanical Engineering

Venue: Seminar Hall Room-2310

Objectives: The objectives of an MSME (Micro, Small, and Medium Enterprises) workshop in college are to familiarize students with the significance of MSMEs in the economy, provide insights into entrepreneurship opportunities, impart knowledge on accessing MSME support schemes, and enhance understanding of business management skills pertinent to small-scale enterprises, fostering a spirit of innovation and enterprise among students.

Activities Undertaken:

- Business planning sessions for MSME startups.
- Skill development workshops on entrepreneurship.
- Mentorship sessions with industry experts.
- Financial literacy training for small business owners.
- Networking opportunities with potential collaborators and investors.

Outcome: The MSME workshop in college aims to equip students with entrepreneurial skills and knowledge relevant to Micro, Small, and Medium Enterprises. Outcomes include fostering an entrepreneurial mindset, understanding MSME ecosystems, developing business acumen, networking opportunities, and encouraging innovation. Participants gain practical insights into starting and managing small businesses, enhancing employability and fostering economic growth.

Beneficiaries: 1st, 2nd and 3rd year students.





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: Visit Ingree Autoventures

Dated: 07/02/2024

Department: Mechanical Department

Venue: Sector M-10, IMT Manesar, NH-8, Bhangrol, Gurugram

Objective: Improved understanding of students about mechanical engineering and automotive manufacturing processes. Academic enrichment: academic learning by providing real-world context to theoretical concepts.

Activities: During the visit, students engaged in a series of activities aimed at enhancing their understanding of the manufacturing processes, technological advancements, and industry practices at Ingree Autoventures Pvt. Ltd. The activities included:

- Guided tour of the manufacturing facility to observe various stages of production.
- Interactive sessions with industry experts to learn about the latest innovations in automotive engineering.
- Hands-on demonstrations of machinery and equipment used in the manufacturing process.
- Q&A sessions to address queries and clarify doubts regarding the operations of the company.
- Case studies and real-life examples illustrating the application of theoretical concepts in practical scenarios

Benefit of ADGIPS in the event:

The industrial visit provided numerous benefits to the participating students, including:

- **Practical exposure:** Students gained firsthand experience of industrial operations, allowing them to bridge the gap between theoretical knowledge and real-world applications.
- **Industry insights:** Interactions with professionals in the field provided valuable insights into industry trends, challenges, and best practices ie- rolling, die casting, forging.
- **Skill enhancement:** Hands-on demonstrations and interactive sessions helped students enhance their technical skills and problem-solving abilities.
- **Networking opportunities:** Students had the chance to network with industry professionals, which could potentially lead to internship opportunities or future employment prospects.
- **Motivation and inspiration:** Observing the scale and efficiency of operations at Ingree Autoventures Pvt. Ltd. inspired students to strive for excellence in their academic and professional endeavors.



A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies, New Delhi

Outcomes: The industrial visit yielded several positive outcomes for the participating students, including:

- Improved understanding: Students gained a deeper understanding of the practical aspects of mechanical engineering and automotive manufacturing processes.
- Academic enrichment: The insights gained from the visit enriched the students' academic learning by providing real-world context to theoretical concepts.
- The industrial visit to Ingress Autoventures Pvt. Ltd. was a valuable learning experience for the students of the Mechanical Department at Dr. Akhilesh Das Gupta Institute of Professional Studies. The activities, benefits, and outcomes of the visit underscored the importance of such initiatives in bridging the gap between academia and industry, preparing students for successful careers in the field of mechanical engineering.

Beneficiaries: Faculties and students of ADGITM.

Photographs:





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: ACREX

Dated: 15, 16, 17 Feb 2024

Department: Mechanical Engineering

Venue: India Expo Center & Mart.

Objectives: Promote innovation and sustainability in HVAC industry through expo.

Activities Undertaken:

ACREX showcases latest HVAC and refrigeration technologies, products, services, and industry innovations through exhibitions, seminars, and networking opportunities.

Outcome:

ACREX featured student volunteers, fostering industry exposure, networking, and hands-on learning opportunities, enriching both educational and professional experiences.

Beneficiaries: III-year students.

Photographs:





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: BOSCH

Dated: 29 March 2024

Department: Mechanical Engineering

Venue: Seminar Hall Room No. 2310

Objectives: New developments in Automotive technology exhaust gas treatment (use to treat gases- EURO-VI) auto electronics used in automotive field.

Speaker: Parag S. Kavthekar.

Activities Undertaken:

Bosch lecture on automotive technology covers new developments in exhaust gas treatment for EURO-VI standards and the integration of auto electronics, highlighting advancements shaping the automotive industry's future.

Outcome: Students gain insights into cutting-edge exhaust gas treatment technology, EURO-VI compliance, and auto electronics, enhancing their understanding of contemporary automotive engineering and fostering career readiness.

Beneficiaries: II ,III and IV-year students.

Photographs:





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: RACHNA

Dated: 13 March 2024

Department: Mechanical Engineering

Venue: Seminar Hall Room No. 2310

Objectives: Foster creativity and presentation skills among college students in tech fest.

Delegates/ Speakers: Kamal Nayan Makharia, Piyush Tiwari.

Activities Undertaken:

In the "Rachna" PowerPoint presentation competition, college students showcase their innovative ideas, research findings, or projects in various technical fields.

Outcome: "Rachna" competition cultivates students' communication, research, and presentation skills, fostering innovation and preparing them for future professional endeavors in diverse technical domains

Beneficiaries: Mechanical II and III Year Students.

Photographs: Attached with File





A REPORT
Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: HUNAR PE CHARCHA

Dated: 13 March 2024

Department: Mechanical Engineering

Venue: M.E. Computer lab

Objectives: Foster critical thinking and diplomacy skills through debates on global issues, encouraging dialogue and understanding of diverse perspectives in "HUNAR PE CHARCHA" debate

Delegates/ Speakers: Piyush Tiwari, Kamal Nayan Makharia.

Activities Undertaken:

Activities include panel discussions, case studies, and workshops, exploring the role of technical skills versus soft skills in achieving success in modern careers.

Outcome: Participants gain insights into the importance of both technical and soft skills, understanding that a combination of both is essential for achieving holistic success in professional endeavors.

Beneficiaries: III Year Students.

Photographs: Attached with File





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: SPACE EXPLORATION

Dated: 14 March 2024

Department: Mechanical Engineering

Venue: Seminar Hall Room No. 2310

Objectives: The objectives of the presentation on space exploration include educating about space objects, planets, highlighting ongoing missions, showcasing technological innovations, and inspiring interest in future space exploration endeavors.

Speakers: Kamal Nayan Makharia

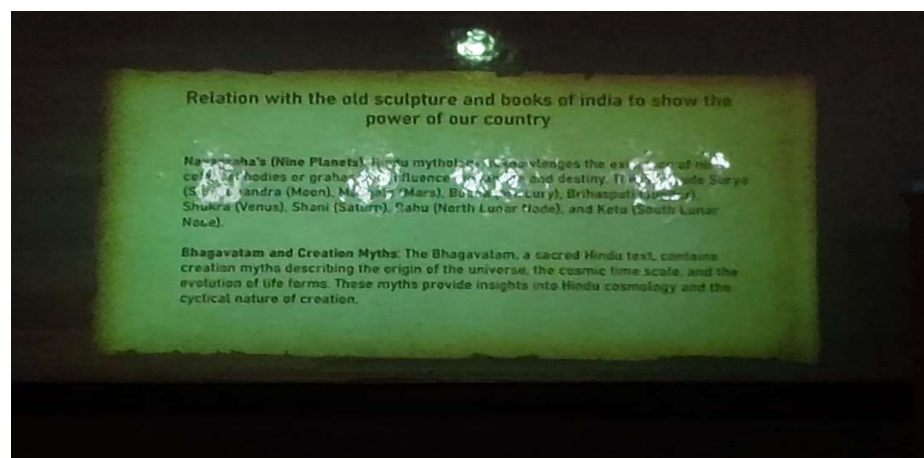
Activities Undertaken:

The presentation on space exploration covers historical milestones, current missions, and technological space objects, planets, aware about space and future prospects, inspiring curiosity and fostering understanding of humanity's quest for exploration beyond Earth.

Outcome: The outcome of the presentation on space exploration is increased awareness and appreciation of humanity's accomplishments in space, sparking curiosity and inspiring individuals to engage with space-related topics and potential career paths.

Beneficiaries: Mechanical II and III Students.

Photographs:





A REPORT

Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: MECH-O-MANIA

Dated: 14 March 2024

Department: Mechanical Engineering

Venue: Seminar Hall Room No. 2310

Objectives: Enhance knowledge, promote learning, and foster camaraderie among mechanical engineering students through a quiz on technical topics.

Delegates/ Speakers: Umang and Lakshey.

Activities Undertaken: Round 1: Knowledge Assessment

Participants face 20 questions spanning technical topics.

Each question must be answered within a tight 20-second time limit.

Round 2: Rapid Response

Participants respond swiftly to 20 new questions.

With only 20 seconds per question, quick thinking and recall are crucial.

Round 3: Finale Showdown

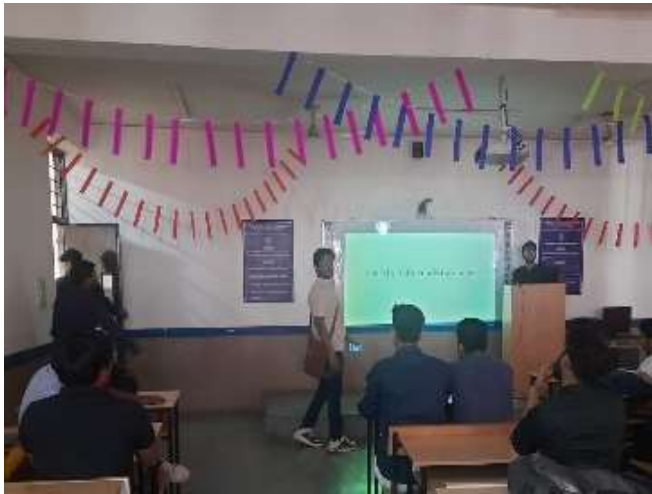
The final round determines the champions.

Participants engage in a high-stakes battle, utilizing their accumulated knowledge and speed to clinch victory.

Outcome: Enhanced knowledge retention, improved time management skills, and strengthened camaraderie among participants through engaging and competitive learning experience.

Beneficiaries: II- and III-year students

Photographs:





A REPORT
Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

A REPORT
Dr. Akhilesh Das Gupta Institute of Professional
studies
New Delhi

Title: FUNTUS

Dated: 15 March 2024

Department: Mechanical Engineering

Venue: Seminar s Hall Room No. 2310

Objective:

The objectives of FUNTUS are to promote physical activity, mental agility, teamwork, and enjoyment among participants through engaging games and challenges

Delegates/ Speakers: Piyush Tiwari, Kamal Nayan Makharia.

Activities Undertaken:

Round 1: Agility Challenges

Participants engage in physical activities like relay races, obstacle courses, and agility drills.

Games test speed, coordination, and physical endurance.

Round 2: Brain Games

Participants tackle mental challenges such as puzzles, riddles, and trivia quizzes.

Games assess problem-solving abilities, memory, and cognitive skills.

Outcome:

Participants develop physical fitness, sharpen cognitive abilities, foster teamwork, and experience enjoyment, promoting overall well-being and social interaction

Beneficiaries: II- and III-year students.

Photographs:

DR. AKHILESH DAS GUPTA
INSTITUTE OF PROFESSIONAL STUDIES
(Formerly Dr. Akhilesh Das Gupta Institute of Technology & Management)

BBD

DEPARTMENT OF MECHANICAL ENGINEERING
PRESENTS
"FUNTUS"
(AN EVENT OF FUN GAMES)

ENTRY FEES: Rs.20

EXCITING CASH PRIZE AND CERTIFICATES

Date: 15-03-2024
Time: 11am to 1PM
VENUE: ROOM NO. 2310 2ND
BLOCK 3RD FLOOR (ME)

REGISTER NOW
#SHAPING GENERATION





A REPORT
Dr. Akhilesh Das Gupta Institute of Professional Studies,
New Delhi

Title: Team ANAGATA

Dated: 15/03/2024

Department: Mechanical Department

Introduction:

This report details the project exhibition by Team ANAGATA from Dr. Akhilesh Das Gupta Institute of Professional Studies (ADGIPS) during the college fest UTKARSH 2024. Team ANAGATA participated in the ISRO Robotics Challenge 2024 and successfully built a rover and qualified for further rounds at this national level competition.

Exhibition Details:

During UTKARSH 2024, Team ANAGATA showcased their ISRO Robotics Challenge rover at a designated exhibition booth. The exhibition aimed to:

- Inform the college community about their participation in the ISRO Robotics Challenge.
- Generate interest in robotics and space exploration.
- Provide an opportunity for visitors to interact with the team and learn about their rover's functionalities.

Exhibition Highlights:

- The exhibition booth prominently displayed the ISRO Robotics Challenge 2024 rover.
- Team members were present to answer questions about the rover's design, capabilities, and their participation in the ISRO Robotics Challenge.
- Visual aids such as posters or presentations might have been used to explain the rover's technical aspects and the challenges faced during its development. (Mention this if it was part of the exhibition)

Visitor Engagement:

The exhibition attracted students and faculty members from ADGIS and other colleges participating in UTKARSH 2024. Team ANAGATA likely:

- Engaged with visitors through interactive demonstrations of the rover's movement and functionalities.
- Explained the technical aspects of the rover in a clear and understandable manner.
- Provided information about the ISRO Robotics Challenge and its significance.

Conclusion:

Team ANAGATA's project exhibition at UTKARSH 2024 was a successful platform to showcase their accomplishment in the ISRO Robotics Challenge 2024. The exhibition not only served to inform the college community but also garnered interest in robotics and space exploration among the visitors.



