



Mangalmay Institute of Engineering & Technology

AN INSTITUTION OF MANGALMAY FOUNDATION TRUST

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MIET/EVENT/23-24/54

Date: 10/05/24

Notice

All faculty members and students are hereby informed that a workshop is being organized by our Robotics Club on "Robotics for Beginners" at Mangalmay Institute of Engineering and Technology.

This workshop is open to all enthusiasts curious about robotics, regardless of prior experience. All student and faculty member are welcome to attend this session.

Program details:-

Resource person – Ms Garima Singh

Date: 16th May 2024

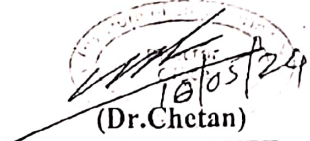
Venue: 3rd Floor A Block, MIET

Time: 3:30 PM Onwards

For further inquiries, please contact Faculty Coordinators or one of the student coordinators

SPOC- Mr.Amit Kumar Mourya (9910653296)


Program Coordinator

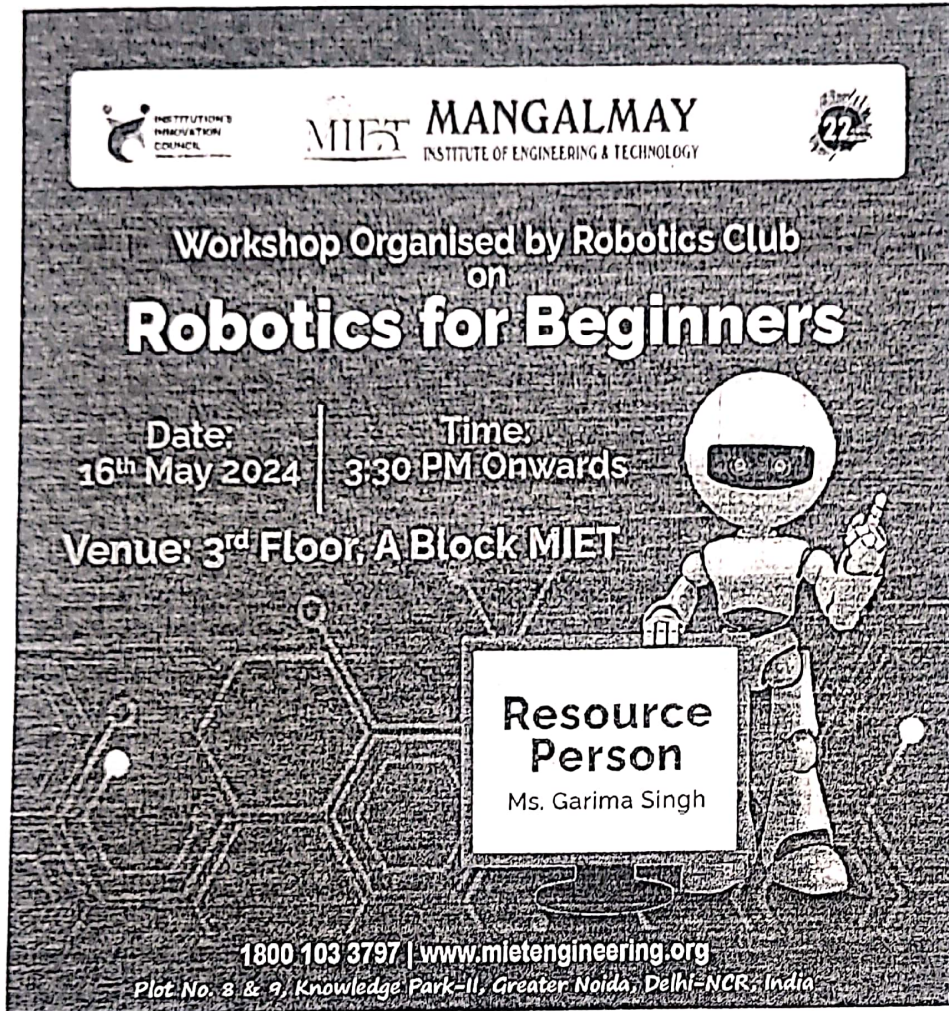

(Dr.Chetan)
Director, MIET

CC to:

1. IQAC-Director
2. Dean Academics
3. HOD
4. Coordinator
5. All Faculty Members
6. Office file



BANNER



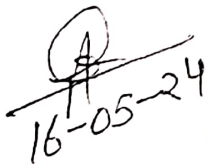
**Workshop Organised by Robotics Club
on
Robotics for Beginners**

Date: 16th May 2024 | **Time:** 3:30 PM Onwards

Venue: 3rd Floor, A Block MIET

Resource Person
Ms. Garima Singh

1800 103 3797 | www.mietengineering.org
Plot No. 8 & 9, Knowledge Park-II, Greater Noida, Delhi-NCR, India


16-05-24



Activity Report	
Academic Year	2023 - 2024
Name of Activity	Workshop on "Robotics for Beginners"
Date of Activity	16/05/2024
Organized by	Organised by Robotics Club, MIET Greater Noida
Beneficiary	75: 55 B.Tech Students & 20 Faculty members
SPOC	Mr. Amit Kumar Mourya (Faculty-MIET)
Resource Person	Ms. Garima Singh (Faculty-MIET)
Objective	<ol style="list-style-type: none">1. To encourage students towards critical thinking and to understand the foundational concepts of robotics, its applications and its significance in various fields such as industry, healthcare, and education.2. To understand the sensors, actuators, microcontrollers, and programming languages commonly used in robotics such as Arduino, Python, or Scratch.3. To promote teamwork and collaboration among the students.
Brief Report	<p>Robotics Club of Mangalmai Institute of Engineering and Technology organised an engaging workshop on May 16, 2024 with the aim of introducing the foundational concepts of robotics to students. The event began at 3:30 PM and was led by Ms. Garima Singh who is a seasoned robotics expert.</p> <p>The program commenced with a welcoming address by Dr. Sanjay Pachauri, Head of the Department, who emphasised the significance of robotics in modern-day engineering and its potential in various industries. Dr. Pachauri's insightful remarks set the tone for an engaging and enriching session.</p> <p>Ms. Garima Singh began the session by introducing the basic principles of robotics, and its significance in various domains ranging from industry to healthcare.</p> <p>After the introduction, Ms. Garima Singh explains the Components and Mechanisms which are essential in robotics, including actuators, sensors, and microcontrollers. Ms. Singh explains in deep their roles and functionalities of components.</p> <p>Ms. Garima Singh provided insights into the diverse applications of robotics across industries, shedding light on emerging trends and future prospects in the field robotics. Students gained valuable insights into potential career paths and research</p>

16-5-24

opportunities in robotics.

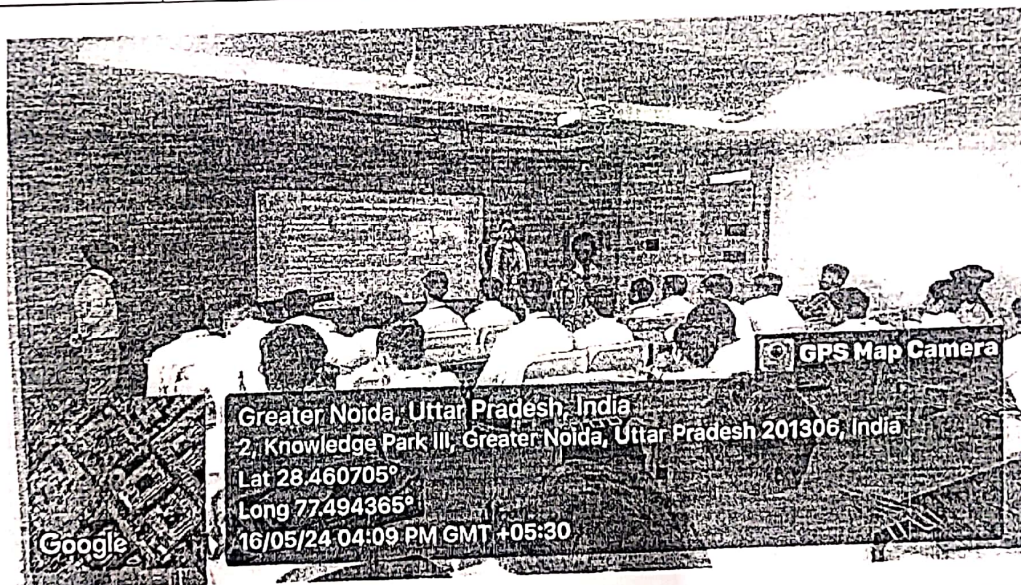
The workshop was designed to provide participants with a comprehensive understanding of robotics, covering basic components, programming techniques, and practical applications. The event sought to inspire a passion for robotics among attendees, promoting a culture of innovation and exploration within the institute.

All in total 27 faculty and 52 students attended the session. As the session drew to a close, Ms. Garima Srivastava (program coordinator) extended her gratitude to all participants and organisers for their unwavering enthusiasm and support. She emphasised the importance of continued exploration and learning in the dynamic field of robotics.

Feedback Link : <https://forms.gle/BuKNfxtrFXw8h7zc6>

Outcome

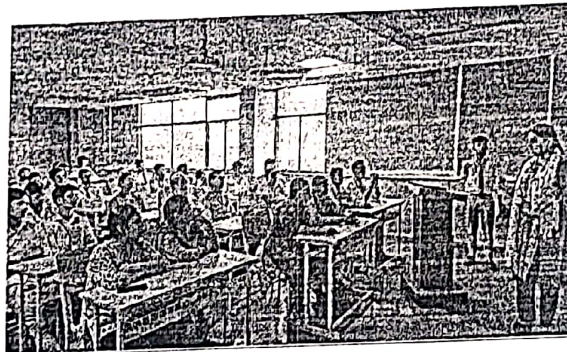
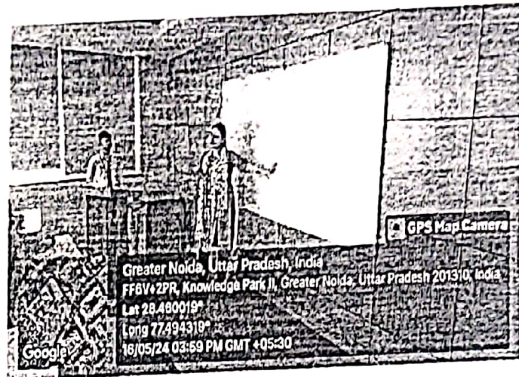
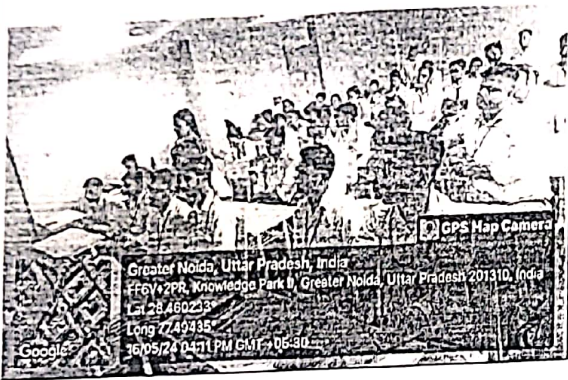
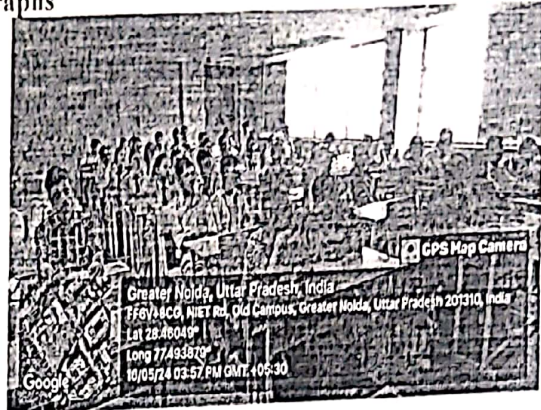
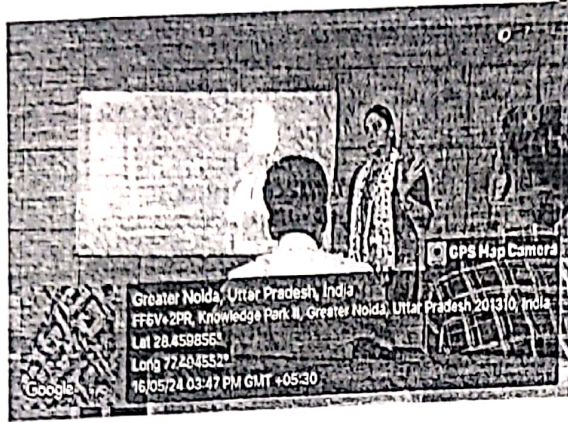
1. Students gained a comprehensive understanding of the fundamentals of robotics, including its principles, components, and mechanisms.
2. The workshop served as an effective platform for beginners to grasp the basics of robotics technology.
3. The workshop ignited participant's interest and curiosity in robotics, inspiring them to explore further in the field.
4. The success of the workshop laid the groundwork for future engagement and learning opportunities in robotics for both the Robotics Club and the participants.



16-05-24


Director
Mangalmai Institute of Engineering & Technology
Greater Noida, Uttar Pradesh

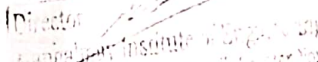
Photographs



Activity

Coordinator


16-5-24


Director
MIET