

# Mangalmay Institute of Engineering & Technology

AN INSTITUTION OF MANGALMAY FOUNDATION TRUST

Campus: 8, Knowledge Park-II, Greater Noida (U.P.)  
e-mail: info@mangalmay.org,

Ph.: 0120-2328400, 2328401  
Website: www.mangalmay.org

MIET/EVENT/23-24/54

Date: 16/05/24

## 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:** 16<sup>th</sup> May 2024


**Venue:** 3<sup>rd</sup> Floor A Block, MIET

**Time:** 3:30 PM Onwards

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

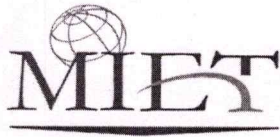
**SPOC-** Mr.Amit Kumar Mourya (9910653296)

  
10-05-24  
**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



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## BANNER

**INSTITUTION'S INNOVATION COUNCIL**

**MIET MANGALMAY**  
INSTITUTE OF ENGINEERING & TECHNOLOGY

**22**

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

Date: 16<sup>th</sup> May 2024 | Time: 3:30 PM Onwards

Venue: 3<sup>rd</sup> Floor, A Block MIET

**Resource Person**  
Ms. Garima Singh

1800 103 3797 | [www.mietengineering.org](http://www.mietengineering.org)  
Plot No. 8 & 9, Knowledge Park-II, Greater Noida, Delhi-NCR, India

Director  
Mangalmay Institute of Engineering & Technology  
Plot-8 & 9, Knowledge Park-II, Greater Noida-201310 (U.P.)  
College Code: 785

16-05-24



# Mangalmay Institute of Engineering & Technology


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## Activity Report

<b>Academic Year</b>	<b>2023 - 2024</b>
<b>Name of Activity</b>	Workshop on “ Robotics for Beginners”
<b>Date of Activity</b>	16/05/2024
<b>Organized by</b>	Organised by Robotics Club, MIET Greater Noida
<b>Beneficiary</b>	75: 55 B.Tech Students & 20 Faculty members
<b>SPOC</b>	Mr. Amit Kumar Mourya (Faculty-MIET)
<b>Resource Person</b>	Ms. Garima Singh (Faculty-MIET)
<b>Objective</b>	<ol style="list-style-type: none"><li>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.</li><li>2. To understand the sensors, actuators, microcontrollers, and programming languages commonly used in robotics such as Arduino, Python, or Scratch.</li><li>3. To promote teamwork and collaboration among the students.</li></ol>
<b>Brief Report</b>	<p>Robotics Club of Mangalmay 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

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opportunities in robotics.

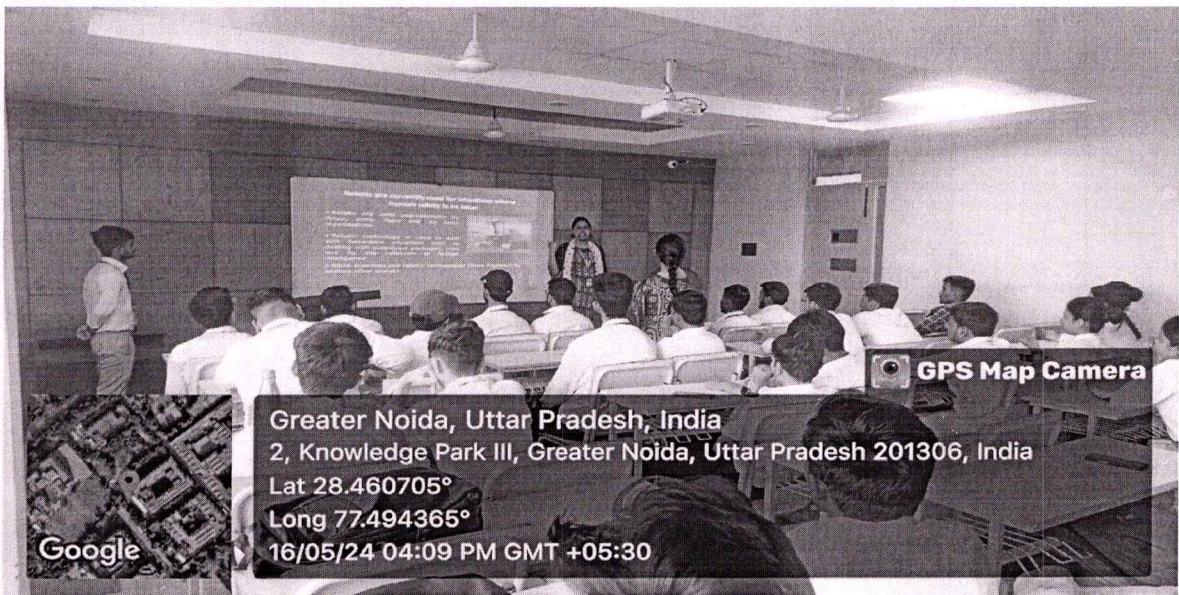
The workshop was designed to provide participants with a comprehensive understanding of robotics, covering basic components, programming techniques, and practical applications. The event sought to inspire a passion for robotics among attendees, promoting a culture of innovation and exploration within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

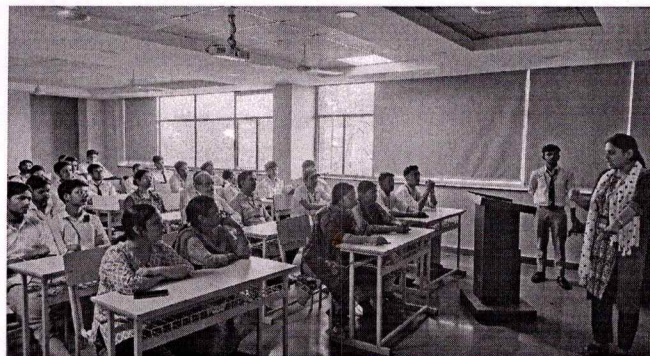
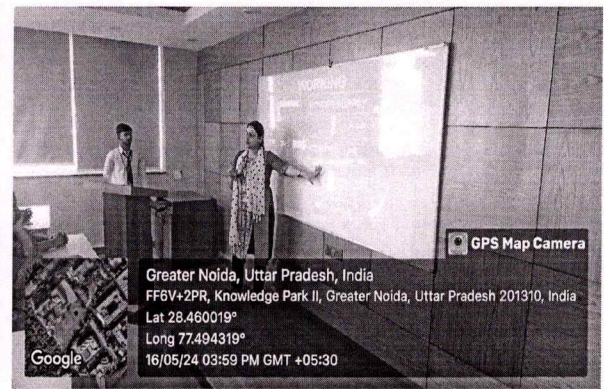
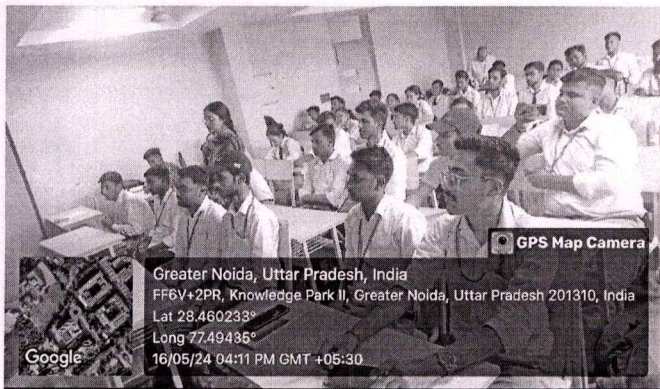
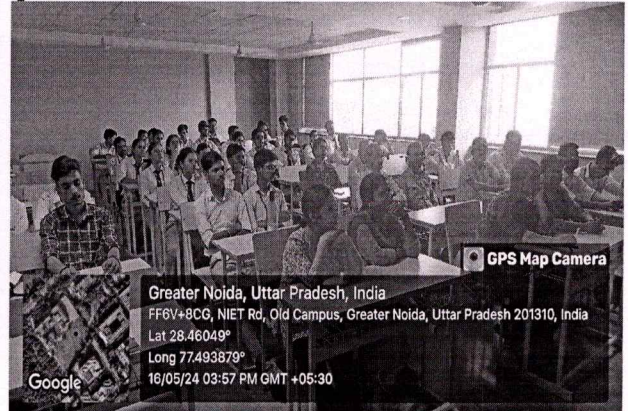
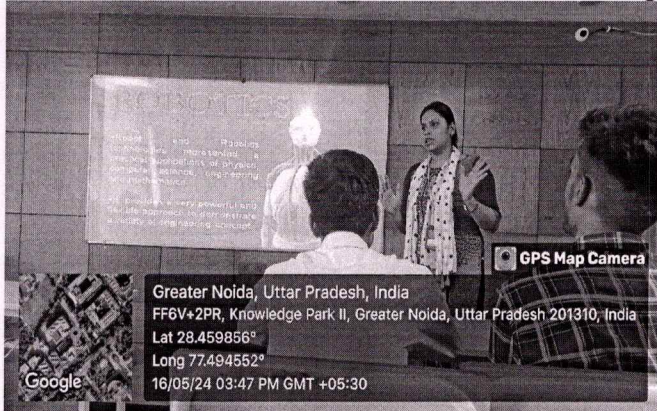
1. Students gained a comprehensive understanding of the fundamentals of robotics, including its principles, components, and mechanisms.
2. The workshop served as an effective platform for beginners to grasp the basics of robotics technology.
3. The workshop ignited participant's interest and curiosity 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

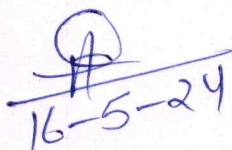
Director  
Mangalmay Institute of Engineering & Technology  
Plot-8 & 9, Knowledge Park-II, Greater Noida-201310 (U.P.)  
College Code: 786

## Photographs



Activity

Coordinator

  
16-5-24

Director  
Mangalmay Institute of Engineering & Technology  
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College Code: 735

Director

MIET

## MANGALMAY INSTITUTE OF ENGINEERING &amp; TECHNOLOGY, GREATER NOIDA

PLOT No. 8, KNOWLEDGE PARK - II, GREATER NOIDA

ROBOTICS for BEGINNERS

Date:-16-05-24

S.No.	FACULTY NAME	Department	Disignation	Signature
1	Prof. Dr. Chetan Khemraj Lanjewar	CSE	Director	
2	Dr. Sanjay Pachauri	CSE	Professor & HOD	
3	Dr. Garima Srivastava	CSE	Associate Professor	
4	Dr. Ishwar Singh	ASH	Associate Professor	
5	Dr. Pradeep Kumar	ASH	Associate Professor	
6	Mr. Dhananjay Singh	CSE	Assistant Professor	
7	Mr. Amit Kumar Mourya	CSE	Assistant Professor	
8	Mr. Prabhat Kumar	ASH	Assistant Professor	
9	Mr. Ajay Nandan	ASH	Assistant Professor	
10	Mr. Shubham Goel	ASH	Assistant Professor	
11	Ms. Km Ikra	CSE	Assistant Professor	
12	Dr. Amit Bhati	CSE	Associate Professor	
13	Ms. Jyoti Mahur	CSE	Assistant Professor	
14	Ms. Neha Bakshi	ASH	Assistant Professor	
15	Ms. Chandani Srivastava	ASH	Assistant Professor	
16	Ms. Rachna Sharma	CSE	Assistant Professor	
17	Mr. Anuj Kumar	CSE	Assistant Professor	
18	Dr. Pragati Sinha	ASH	Associate Professor	
19	Dr. Dharam Singh	ASH	Associate Professor	
20	Mr. Anurag Singh Yadav	CSE	Tech. Associate	
21	Ms. Geeta Sharma	CSE	Assistant Professor	
22	Ms. Rashmi Ricchariya	CSE	Assistant Professor	
23	Ms. Srinkhala Maddhesia	CSE	Assistant Professor	
24	Ms. Garima Singh Kaushik	ASH	Assistant Professor	
25	Ms. Ayushi Gupta	CSE	Assistant Professor	
26	Ms. Monika Mann	CSE	Assistant Professor	
27	Dr. Aparna	CSE	Assistant Professor	
28				
29				

16/5/24

16/5/24

Director  
Mangalmay Institute of Engineering & Technology  
Plot-8 & 9, Knowledge Park-II, Greater Noida-201310 (U.P.)  
College Code: 786

# MANGALMAI INSTITUTE OF ENGINEERING & TECHNOLOGY

## Student Attendance Sheet

Date: 16-05-24 Time: 3:30 PM  
 Venue: Room NO.- 309, 3rd floor  
 Activity: ROBOTICS for BEGINNERS  
 Department: CSE, AI, DS

Sr. No	Student Name	Year/Sem	Sign.	Sr. No	Student Name	Year/Sem	Sign.
1	ROHAN SAPRA	1st/2nd	Rohan	41	Ashutosh Singh	2 <sup>nd</sup> Sem	Ashu
2	MOHIT RANJAN	1st/2nd	Mohit	42	Amit Kumar	1 <sup>st</sup> Sem	Amit
3	Himangshu RAJ	1st/2nd	Himangshu	43	Sanchit Pandey	1 <sup>st</sup> Sem	Sanchit
4	Adarsh	1st/2nd	Adarsh	44	Krishna Kumar	1 <sup>st</sup> Sem	Krishna
5	Sanya Raj	1st/2nd	Sanya	45	Ashu Kumar	1 <sup>st</sup> Sem	Ashu
6	Rishabh Tiwari	1st/2nd	Rishabh	46			
7	Shivam Singh	1st/2nd	Shivam	47			
8	Ritik, Toman	1st/2nd	Ritik	48			
9	Nikhil Kumar	1st/2nd	Nikhil	49			
10	Sushi	1st/2nd	Sushi	50			
11	Ved Prakash	1st/2nd	Ved Prakash	51			
12	Raj	1st/2nd	Raj	52			
13	Vinit Kumar	1st/2nd	Vinit	53			
14	Khushi Chauhan	1st/2nd	Khushi	54			
15	Jyoti Dhaka	1st/2nd	Jyoti	55			
16	Kritika Ojha	1st/2nd	Kritika	56			
17	Ayush Dubey	1st/2nd	Ayush	57			
18	Anushka	1st/2nd	Anushka	58			
19	Mahima	1st/2nd	Mahima	59			
20	Bhakti	1st/2nd	Bhakti	60			
21	Vani	1st/2nd	Vani	61			
22	Anshi	1st/2nd	Anshi	62			
23	Prince Patel	1st/2nd	Prince Patel	63			
24	Avinash Thakur	1st/2nd	Avinash	64			
25	Aryan Kumar	1st/2nd	Aryan	65			
26	Deepak Mishra	1st/2nd	Deepak	66			
27	Ashu	1st/2nd	Ashu	67			
28	Sumit Kr. Rai	1st/2nd	Sumit Kr	68			
29	Mohd. Toufik	1st/2nd	Toufik	69			
30	Ajeet Yadav	1st/2nd	Ajeet	70			
31	Siya Sharma	1st/2nd	Siya	71			
32	SHAKSHI PANDEY	1st/2nd	Shakshi	72			
33	Payal Yadav	1st/2nd	Payal	73			
34	Shanti Jha	1st/2nd	Shanti	74			
35	Amali Singh	1st/2nd	Amali	75			
36	Nilesh Gautam	1st/2nd	Nilesh	76			
37	Shravya Srinasthana	1st/2nd	Shravya	77			
38	MOHITA	1st/2nd	Mohita	78			
39	Tanishq	1st/2nd	Tanishq	79			
40	Divakar Prajapati	2 <sup>nd</sup> Sem	Divakar	80			

16/05/24

16/05/24

# MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY

## Student Attendance Sheet

Date: 16-05-24 Time: 3:30 PM

Venue: Room NO. - 309, 3<sup>rd</sup> floor

Activity: ROBOTICS for BEGINNERS

Department: CSE, AI, DS

Sr. No	Student Name	Year/Sem	Sign.	Sr. No	Student Name	Year/Sem	Sign.
1	Vishal kn. Bind	1st/2nd	<i>[Signature]</i>	41			
2	Krishn Kumar	1st	<i>[Signature]</i>	42			
3	Hardik Singh	1st	<i>[Signature]</i>	43			
4	Raj	1st	<i>[Signature]</i>	44			
5	Bhanu Pratap Singh	1st	<i>[Signature]</i>	45			
6	Rajeev Ranjan Kumar	1st	<i>[Signature]</i>	46			
7	Ajit Yadav	1st	<i>[Signature]</i>	47			
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*[Signature]*  
16/5/24

*[Signature]*  
16/05/24



## Feedback

Username	Name	Program B. Tech.	How was the Session ?	Would you like these type of Session in future too?	Rate the following out of 5 [Clarity]	Rate the following out of 5 [Presentation]	Rate the following out of 5 [Content]	Rate the following out of 5 [Expertise Knowledge/Skill Learned]	Rate the following out of 5 [Question Answer session]	Any Suggestions if..
imroyalrajasingh@gmail.com	Raj	1st year	Excellent	YES	3	3	3	3	3	No comments.
shakship1811@gmail.com	Shakshi Pandey	1st year	Good	YES	4	5	4	4	3	All the best for robotics ðŸŽ‰
dhakajyoti88@gmail.com	Jyoti Dhaka	1st year	Excellent	YES	5	5	5	5	5	NA
nikhilkumar21937@gmail.com	Nikhil kumar	1st year	Excellent	YES	5	5	5	5	3	Plz bring more session on this
ayushdubey19000@gmail.com	Ayush Kumar Dubey	1st year	Excellent	YES	5	5	5	5	5	.
ritikt0906@gmail.com	Ritik Tomar	1st year	Excellent	YES	3	3	3	3	3	No
kusmadevi1977@gmail.com	Bhanu Pratap Singh	1st year	Excellent	YES	5	5	5	5	5	Give Some tutorials on topics
ved3846@gmail.com	Ved Prakash	1st year	Excellent	YES	5	5	5	5	5	It should contain animation of robot
samlesh3456@gmail.com	Sushil	1st year	Good	YES	4	4	4	4	3	Live model should be presented
himanshuraj7352404729@gmail.com	Himanshu raj	1st year	Excellent	YES	3	3	3	3	3	Live model presentation should be there
gautamnilesh132004@gmail.com	Nilesh Gautam	1st year	Excellent	YES	5	5	5	5	5	..
kritika23ojha@gmail.com	Kritika Ojha	1st year	Excellent	YES	5	5	5	5	5	NA
raig02666@gmail.com	Sumit Kumar rai	1st year	Excellent	YES	5	5	5	5	5	Nothing
yajit9084@gmail.com	Ajeet Yadav	1st year	Excellent	YES	5	5	5	5	5	No
rajeevkr89200@gmail.com	RAJEEV RANJAN KUMAR	1st year	Excellent	YES	4	5	5	5	5	There Should be more session
anjali2804@gmail.com	Anjali Singh	1st year	Good	YES	4	5	4	4	3	Nothing
ajayk59084@gmail.com	Ajay Kumar	1st year	Excellent	YES	4	4	4	4	4	No
aniketkumar13122004@gmail.com	Aniket	1st year	Good	YES	2	3	3	2	3	Need more practice
anshichaturvedi09@gmail.com	Anshi Chatur vedi	1st year	Excellent	YES	3	3	3	2	2	It was wonderful session.

17-5-24



# Mangalmay Institute of Engineering & Technology

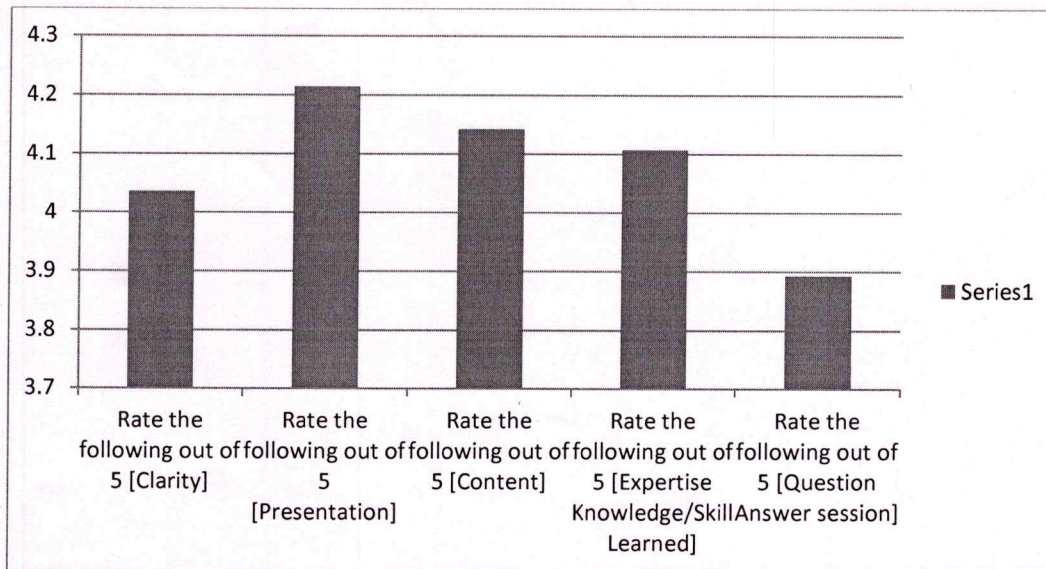
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adarshinfinity8285@gmail.com	Adarsh	1st year	Excellent	YES	4	4	4	4	2	
shivangsrivastava19@gmail.com	Shivang Srivastava	1st year	Excellent	YES	5	5	5	5	5	Brief about the projects
hardiksingh9350@gmail.com	Hardik Singh	1st year	Good	YES	3	4	3	4	3	Animated presentation should be used for better understanding.
devsharmal569@gmail.com	Dev sharma	1st year	Good	YES	3	3	3	4	4	Good
yadavpayal057@gmail.com	Payal yadav	1st year	Good	YES	2	3	2	3	3	Next time do better
adityakumar993473@gmail.com	Aditya Kumar	1st year	Excellent	YES	5	3	5	3	5	Good
anushkadwivedi908@gmail.com	Anushka	1st year	Good	YES	3	4	4	4	3	No
mishradevating2452005@gmail.com	Devang Mishra	1st year	Excellent	YES	4	4	4	4	4	Nope
vanibhardwaj09@gmail.com	Vani sharma	1st year	Excellent	YES	5	5	5	5	5	It was perfect
					4.03571	4.21428	4.142857	4.107143	3.892857	
					4	6	4.142857	4.107143	7	

## Feedback Analysis Curve



Activity

Coordinator

17-5-24


Director  
Mangalmay Institute of Engineering & Technology  
Plot-8 & 9, Knowledge Park-II, Greater Noida-201310 (U.P.)  
College Code: 785  
MIET




### Action Taken Report

1. 97% students and audience appreciated the event and found it informative.
2. 1% students felt that the contents delivered by the speakers were inappropriate and not able to understand properly. These students were called separately by the senior authorities to understand their plights and came to the conclusion that language was the main problem for them. It was assured to them that in future the speakers will be requested in the beginning of the session that they should keep the pace of their speech slow and loud and clear.
3. 2% students were not able to give the reasons as to why they feel that the event was not informative and interesting.

\*\*\*\*\*

  
18-5-24

  
Director  
Mangalmay Institute of Engineering & Technology  
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