

INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING, RGIT



IIIE- student Chapter at Rajiv Gandhi Institute of technology, Andheri(West)-Mumbai aims to spread awareness among the students of the institute about the current trends of the industries and to develop the required skills and qualities among the students so as to make them efficient and industry ready.

Founded in 1957, the **Indian Institution of Industrial Engineering** is a non-profit organization for the profession of Industrial Engineering in India consisting of members specialized in the areas of Work Study, 0 & M., Production Planning & Control, Materials Management, Value Engineering, PERT/CPM, Operations Research, Computer Sciences, Financial Management, Statistical Quality Control etc. and other emerging disciplines. It has been espousing and contributing to Productivity, Quality movement and Cost Competitiveness and other emerging needs of Undertakings in the country during the last five decades.

Faculty Advisor: Dr.. Nitin Panaskar



Program Outcomes (PO) Engineering Graduates will be able to:

- PO1 Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3 Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4 Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- POS Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11 Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



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RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI DEPARTMENT OF MECHANICAL ENGINEERING IIIE STUDENT COMMITTEE 2023-2024

S.N.	POST	NAME	YEAR
1	CHAIRPERSON	AADITYA KURTE	BE
2	VICE CHAIRPERSON	AMMAR SHAIKH	BE
3	GENERAL SECRETARY	MOHIT SAH	BE
4	DIGITAL CREATIVITY HEAD & JT. GENERAL SECRETARY	ABHISHEK SINGH	BE
5	OPERATION HEAD	HANZALA MAKNOJIA	BE
6	TREASURER	ROHIT YEOLE	BE
7	MARKETING HEAD	YASH PEDNEKAR	TE
8	DOCUMENTATION	VARUN MASANI	BE
9	TECHNICAL SECRETARY	AMAL MERAI	BE



IIIE EVENT LIST 2023-24

S.N.	EVENT NAME	DATE	SPEAKERS
1	Introduction to Drone Technology	12 th September 2023	Prof. Dhiraj Singh Mr. Sunil Mehra Mr. Mathew Kuruvilla Mr. Gautam Lakhani
2	IIIE 67 th Foundation day Celebration	1 st February 2024	Foundation Day was attended by many Veteran Members and National Council members. Dr. Kiran Chaudhari— Secretary, IIIE Mumbai Chapter Mr. Damodar Bhagat — Former Chairman, IIIE National Council Dr. Vaibhav Narawane, — Joint Secretary, IIIE Mumbai Chapter Dr. Vilas Dhore- Treasurer, IIIE Mumbai Chapter Dr. Sanjay Bokade- Former Chairman-IIIE Mumbai Chapter
3	Industrial Engineering Quiz Competition	1 st February 2024	Participants: Undergraduate students
4	CAD-WARS Design Competition	1 st February 2024	Participants: Undergraduate students (Rajiv Gandhi Institute of Technology, K.J. Somaiya College of Engineering)
5	Workshop on Intellectual Property Rights	26 th April 2024	Dr. Amol Mangrulkar Dr. Nitin Panaskar





Name of activity: Workshop on Introduction to Drone Technology

Description: A workshop on Introduction to drone technology was held on 12th September 2023, Gautam Lakhani who is an expert in drone mechanics, Melvin Kurvalli, Sunil Mehra and Dhiraj Singh who is the faculty&Dean, Student affairs, L.R.Tiwari College of engineering was called as speaker. The event started at 2:00 pm with introduction to the IIIE committee by the Chairperson, Vice-Chairperson, General Secretary and conveyer of IIIE RGIT Student Chapter. Dr N.J Panaskar and prof Amol Mongrulkar Felicitated the guests with and after that the speaker took the charge. The seminar continued for 2 hours with an explanation on the working of drone and controls, after the seminar was done practical flying of the drone took place in front of the College. In the end of the workshop attendance was taken.

Objectives: Benefits to the participants from this seminar were

- Exposure to a dynamic and promising industry
- Interactive learning and industry networking opportunities
- Hands-on experience in flying and aircraft systems
- Insights into potential career paths in aviation and aviation related fields

Activity Details:

Name of the Expert Speaker	Gautam Lakhani expert in drone mechanics, Melvin Kurvalli, Sunil Mehra and Dhiraj Singh faculty&Dean, Student affairs, L.R.Tiwari College of engineering
Day, Date, Time	Tuesday, 12 th September 2023 ,2:00 PM
Venue	Seminar Hall, RGIT, Mumbai
Mode/Platform	Offline
Event Link	NA
Social Media Link	https://www.facebook.com/profile.php?id=100054377806382 https://instagram.com/iiiergit?igshid=YmMyMTA2M2Y= https://www.linkedin.com/company/rgit-s-indian-institute-of-industrial-engineering-iiie/
No. of Participants	110

ACTIVITY FLYER:







Workshop on Drone Technology

>>> SPEAKERS <<<



Prof. Dhiraj Singh

Faculty & Dean, Student Affairs, L.R.Tiwari College of Engineering



Capt. Ashni Acharaya

Drone Instructer, Aerobott



Gautam Lakhani

Drone Mechanics & Aerodynamics expert

Benefits to Participants:

- Exposure to a dynamic and promising industry
- Interactive learning and industry networking opportunities
- Hands-on experience in flying and aircraft systems
- Insights into potential career paths in aviation and aviation-related fields



12th September 2023



2:00pm to 4:00pm



Seminar Hall

UNDER THE GUIDANCE OF:

Dr. Nitin Panaskar

IIIE Convenor

Dr. Rajesh Kale Head of Department Contact Mohit Sah: 81047 85955 Om Hule: 93707 75854



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MANJARA CHARLTABLE TRUST

RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI

(Permanently Affiliated to University of Mumbai)

Department of Mechanical Engineering



To create competent technical professionals in Mechanical Engineering with ethical behaviour and environment consciousness.

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PSO2: Hobbies and Career: Graduates have nurtured their hobbies which are useful in their specific chosen career.



Photographs:





Aaditya Kurte

Chairperson

Ammar Shaikh,

Vice chairperson

Mohit Sah

General Secretary

Rohit Yeole
Treasurer

Dr. Nitin Panaskar

IIE RGIT Convenor

Dr. Sanjay U. Bokade,

Principal,

RGIT





67th Foundation Day Celebration (2024) - IIIE Mumbai Chapter

The Indian institution of Industrial engineering (IIIE) 67th Foundation Day Celebration was held on 1 February 2024 in Rajiv Gandhi Institute of Technology by IIIE RGIT Student Chapter.

The celebrationcommenced with an opening speech followed by Saraswati Vandana by all the IIIE Mumbai Chapter Member. All the dignitaries were invited on the stage continued with the IIIE Anthem and welcome address by Honorable Dr. Kiran Chaudhari, Secretary, IIIE Mumbai Chapter followed by a very informative speech by Honorable Principal Dr. Sanjay Bokade. Further into the celebration Esteemed IIIE Members such as Mr. Damodar Bhagat and Vaibhav Narawane, Joint Secretary of IIIE Mumbai Chapter were felicitated by Dr. Sanjay Bokade, Vilas Dhore, Treasurer of IIIE Mumbai chapter and Dr. Sanjay Bokade were felicitated by Dr. Kiran Chaudhari.

The event continued with the prize distribution of technical event held before the foundation day. The winners of CAD wars and Quiz Competition were rewarded with Certificates and Cash prize. After the Prize Distribution the celebration continued with several cultural performances like Dance, Singing and Guitar playing by various RGIT students. After the cultural performances a Vote of Thanks was presented by Dr. Ashwini Gotmare, Member of IIIE Mumbai chapter. The program concluded by singing the National Anthem followed by snacks for everyone.

Foundation Day was attended by many Veteran Members and National Council members.

Dr. Kiran Chaudhari– Secretary, IIIE Mumbai Chapter

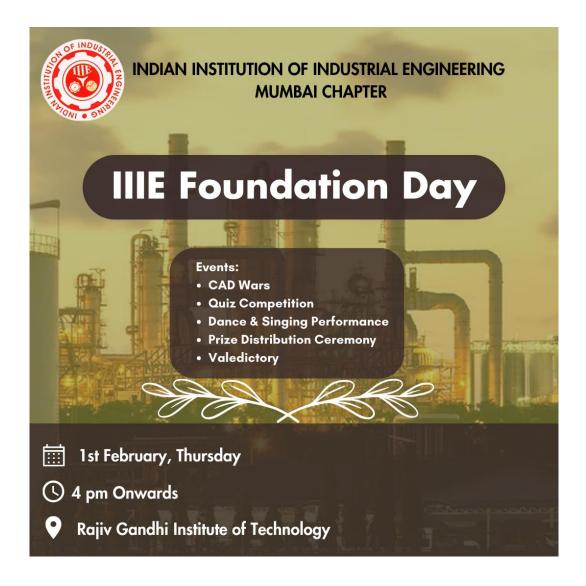
Mr. Damodar Bhagat – Former Chairman, IIIE National Council

Dr. Vaibhav Narawane, – Joint Secretary, IIIE Mumbai Chapter

Dr. Vilas Dhore- Treasurer, IIIE Mumbai Chapter

Dr. Sanjay Bokade- Former Chairman- IIIE Mumbai Chapter

Activity Flyer:





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INDIAN INSTITUTION OF INDUSTRIAL ENGINEERING Mumbai Chapter

67th IIIE Foundation Day Celebration 2024

1st February, 2024

MCT's Rajiv Gandhi Institute of Technology, Mumbai

Schedule of Program:

Welcome	: 4:00pm
Saraswati Vandana	: 4:05pm
IIIE Anthem	: 4:10pm
Welcome Address	: 4:15pm
Speech	: 4:20pm
Felicitation of Dignitaries.	: 4:30pm
Prize Distribution of Technical Competition	: 4:35pm
Entertainment Program	: 4:40 pm
Vote of Thanks	: 5:25 pm
National Anthem	: 5:30 pm

Photographs of the 67th IIIE Foundation Day

















Acknowledgement:

IIIE Mumbai Chapter extends heartfelt gratitude to the Chairman, IIIE National Council, All NC members. IIIE Mumbai Chapter also extends its gratitude to all Mumbai Chapter Council members for their extensive support. Thanks to all Students Chapter Faculty Advisors and student members for their continuous support.

Concluding Remarks

This Foundation Day Celebration was planned by IIIE Mumbai Chapter and executed by IIIE RGIT Student Chapter. Faculty advisors and students extended whole hearted support during this celebration. The program was a success because of their active participation.



Name of activity: Industrial Engineering Quiz Competition

Description: A Quiz Competition was held on 1 February 2024 in RGIT classroom B24 by IIIE RGIT Student Chapter on the occasion of IIIE 67th IIIE foundation day

The Quiz competition was started at 2:00 pm with 25 participants, the quiz was taken in three rounds on the topic of among groups having 2 participants each. The winner of the competitions were 1st Prize- Tirth Darji & Keval Ved- RGIT, 2nd Prize- Subham Mali & Tanishq Jondhale – RGIT.

The winners of the quiz competitions were given certificates and Cash prize.

Activity Details:

Name of the Speaker	-
Day, Date, Time	Thursday, 1 th February 2024 ,2:00 pm
Venue	B24, RGIT, Mumbai
Mode/Platform	Offline
Event Link	NA
Social Media Link	https://instagram.com/iiiergit?igshid=YmMyMTA2M2Y= https://www.linkedin.com/company/rgit-s-indian-institute-of-industrial-engineering-iiie/
No. of Participants	30

ACTIVITY FLYER:









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Photographs:









Aaditya Kurte

Chairperson

Ammar Shaikh,

Vice chairperson

Mohit Sah

General Secretary

Dr. Nitin Panaskar

IIIE RGIT Convenor

Dr. Sanjay U. Bokade,

Principal,

RGIT



Name of activity: CAD Wars

Description: A CAD Wars Competition was held on 1 February 2024 in RGIT classroom B24 by IIIE RGIT Student Chapter on the occasion of IIIE 67thIIIE foundation day

The CAD Wars competition started at 1:00 pm with 6 participants from RGIT and K.J Somaiya College of engineering, the competition comprised of preparing a 3D model of IC engine parts on CAD softwares. The winners of the competition were 1st Prize Rugved Lohar-RGIT, 2nd Prize Saurabh Auti-KJSCE, 3rd Prize Varun Sakalkale-RGIT.

The winners of the CAD Wars competition were given certificates and Cash prize.

Activity Details:

Name of the Speaker	-
Day, Date, Time	Thursday, 1 th February 2024 ,1:00 PM
Venue	B24, RGIT, Mumbai
Mode/Platform	Offline
Event Link	NA
Social Media Link	https://instagram.com/iiiergit?igshid=YmMyMTA2M2Y= https://www.linkedin.com/company/rgit-s-indian-institute-of-industrial-engineering-iiie/
No. of Participants	6

ACTIVITY FLYER:



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==**END**==

Aaditya Kurte

Chairperson



Name of activity: Seminar on Intellectual Property Rights

Description: A seminar on Intellectual Property Rights was held on 26th April 2024 on the occasion of Intellectual Proprty Rights Day, Dr. Nitin Panaskar, Assistant Professor and Dr. Amol Mangrulkar, Assistant Professor were called as speaker. The event started at 8:45 am with introduction to Different Intellectual Property rights rules, Patents and copyrights. The seminar continued for 1 hour with an explanation on applying for trademarks and copyright processes.

Objectives: Benefits to the participants from this seminar were

- Introduction to Intellectual Property Rights
- Explaining Process of Applying for Copyright and trademarks
- Insights into Various industry trademarks and property rights data

Activity Details:

Name of the Expert Speaker	Dr. Nitin Panaskar, Assistant Professor, Dept of Mechnaical
	Engineering, RGIT, Dr. Amol Mangrulkar, Assistant
	Professor, Dept of Mechnaical Engineering, RGIT
Day, Date, Time	Friday, 26 th April 2024 ,8:45 AM
Venue	Room No B24, RGIT, Mumbai
Mode/Platform	Offline
Event Link	NA
Social Media Link	https://www.facebook.com/profile.php?id=100054377806382
	https://instagram.com/iiiergit?igshid=YmMyMTA2M2Y=
	https://www.linkedin.com/company/rgit-s-indian-institute-of-industrial-engineering-iiie/
No. of Participants	20

ACTIVITY FLYER:

MANJARA CHARITABLE TRUST

RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI

PERMENANTLY AFFLIATED TO MUMBAI UNIVERSITY, DEPARTMENT OF MECHANICAL ENGINEERIN







Seminar on Intellectual Property Rights

On the Ocassion of World Intellectual Property Day

SPEAKERS:

Dr. Amol Mangrulkar
Assistant professor, Dept of Mechanical Engineering

Dr.Nitin Panaskar

Assistant Professor, Dept of Mechnaical Engineering

Benefits to Participants:

Participants can gain insights into various aspects of intellectual property (IP) rights, including patents, trademarks, copyrights, and trade secrets.



A25 <u>Cl</u>assroom (1)

8:30 AM to 9:30 AM

26 April 2024

UNDER THE GUIDANCE OF:

Dr. Nitin Panaskar Dr. Rajesh Kale

IIIE Convenor Head of Department

Mohit Sah: 81047 85955 Om Hule: 93707 75854

Contact











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Vice chairperson

==END==