

REFLECTION

January -February-March 2024

RCOEM-TATA-CIIT

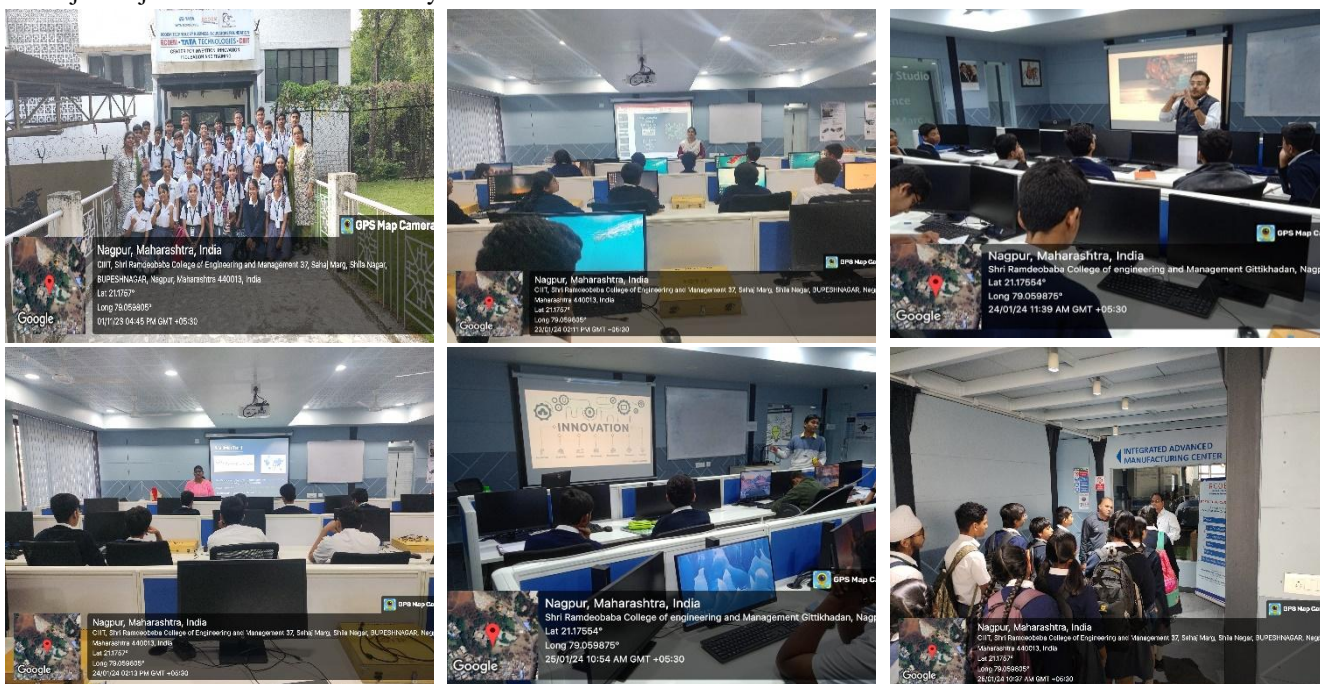
(Center for Invention Innovation Incubation & Training)

[A] Training Programs: -

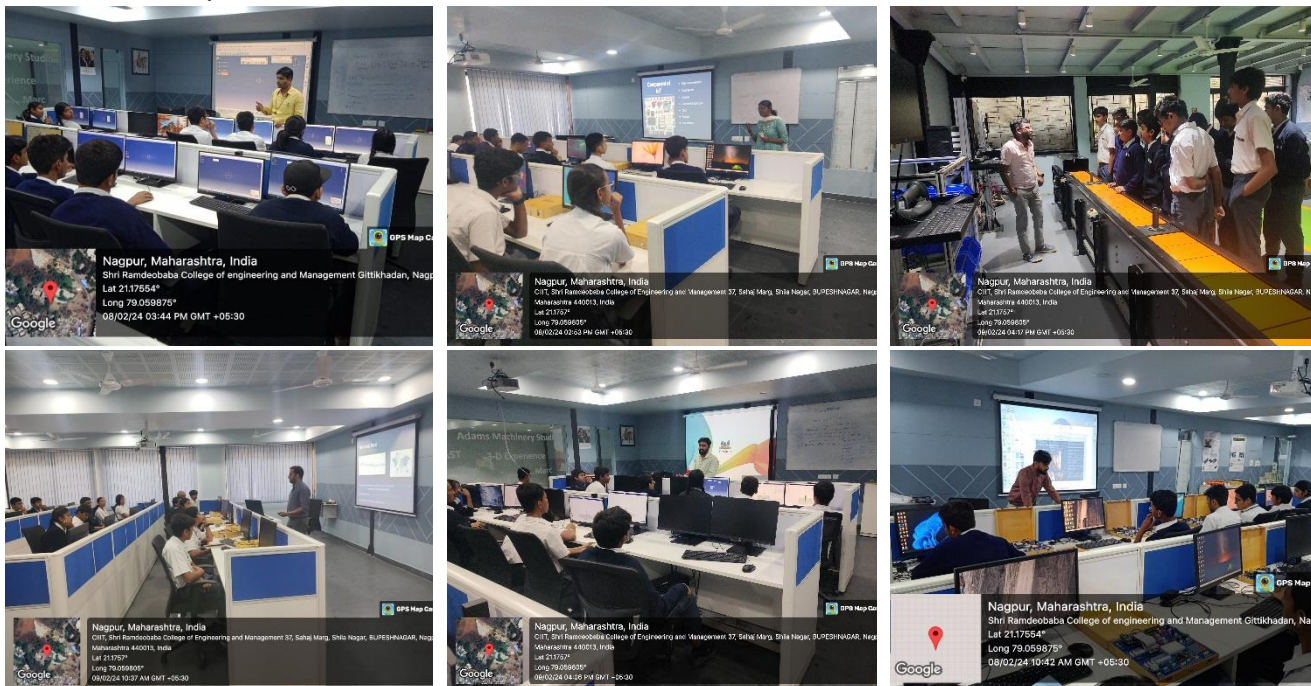
1] One day workshop on “Internet of Things (IoT) and Machine Learning” was conducted from 12th to 16th January 2024 for students of **Shri Ramdeobaba college Engineering and Management, Nagpur** from 10.30 am –5.30 pm, held at RCOEM-TATA-CIIT organized by Progressia. A total **264** students participated and it was coordinated by Mr. Vinay Dhawad, Mr. Sanskar Zanwar and Team.



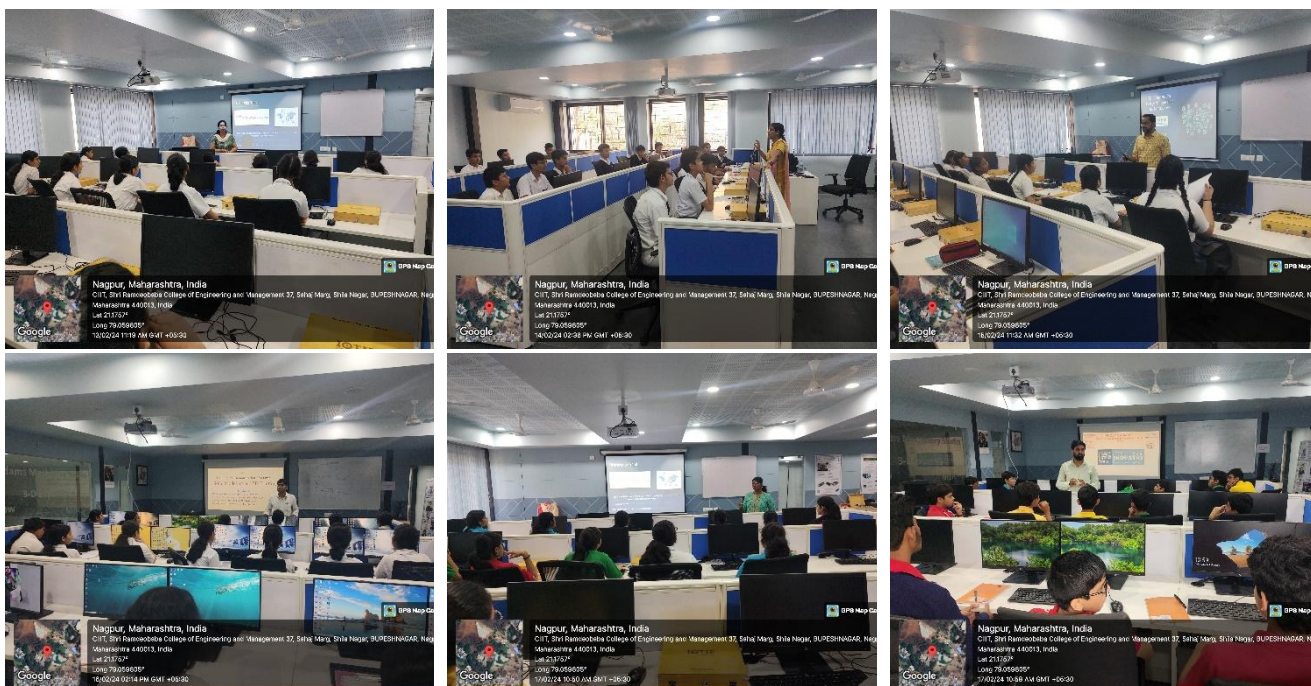
2] One day training program on “Solid Modeling 3D Printing & Scanning and Internet of Things (IoT)” was conducted on 1st & 2nd November 2023 and 23th, 24th, 25th January 2024 for students of **Bhavan’s Vidya Mandir School, Ashti, Nagpur** from 10.30 am to 5.30 pm, held at RCOEM-TATA-CIIT. A total 131 students participated and it was coordinated by Dr. Alok Jha, Dr. Bhushan Bissa for the solid modeling 3D printing and Dr. Bhumika Neole, Dr. Chitrajan Rajan and hands-on session by Mr. Shrikant Wankhede and Mr. Umendra Mukurane.



3] One day training program on “Solid Modeling 3D Printing & Scanning and Internet of Things (IoT)” was conducted from 8th & 9th February 2024 for students of Bhavan’s Vidya Mandir School, Koradi, Nagpur from 10.30 am to 5.30 pm, held at RCOEM-TATA-CIIT. A total 76 students participated and was coordinated by Dr. Alok Jha, Dr. Bhushan Bissa for the solid modeling 3D printing and Dr. Bhumika Neole, Dr. Chitrajan Rajan & Prof. Lokesh Heda and hands-on session by Mr. Shrikant Wankhede and Mr. Umendra Mukurane.

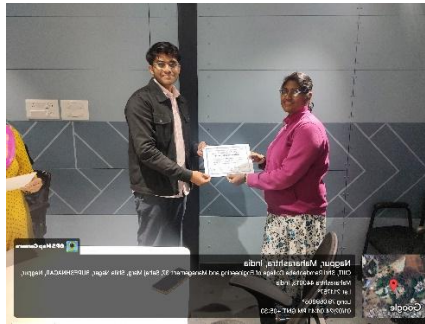


4] One day training program on “Solid Modeling 3D Printing & Scanning and Internet of Things (IoT)” was conducted from 13th to 17th February 2024 for students of Bhavan’s Vidya Mandir School, Civil Lines, Nagpur from 10.30 am –5.30 pm, held by RCOEM-TATA-CIIT. A total 179 students participated and was coordinated by Dr. Alok Jha, Dr. Bhushan Bissa for the solid modeling 3D printing and Dr. Bhumika Neole, Dr. Chitrajan Rajan, Prof. Lokesh Heda, Prof. Snehal Laddha, Prof. Shruti Nair and hands-on session by Mr. Shrikant Wankhede and Mr. Umendra Mukurane.

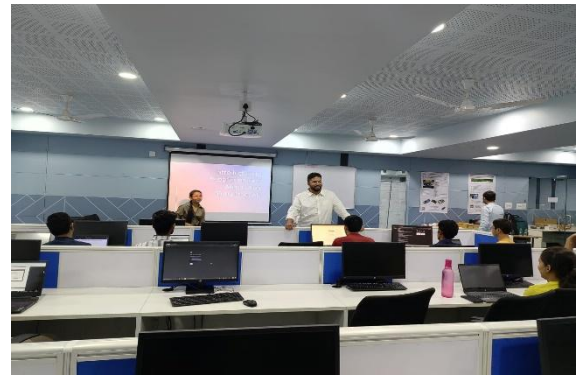
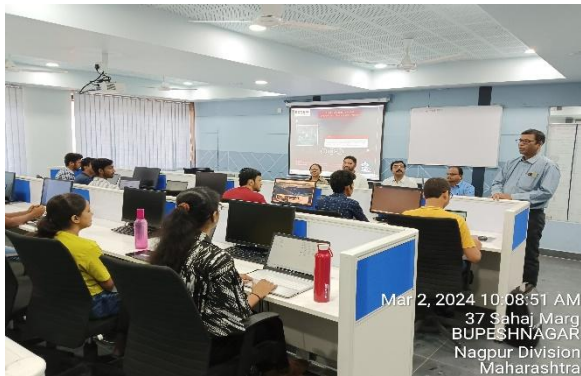


5] One-month internship program on “Internet of Things (IoT)” was conducted from September to October 2023 for students of Shri Ramdeobaba College of Engineering and Management, Nagpur from 4.30 am to 6.00 pm, at

RCOEM-TATA-CIIIT. The training program was coordinated by Dr. Chithraja Rajan and Dr. Bhumika Neole, faculty member from the dept of CSE (AIML) & EC Engg, RCOEM.



6] One day Bootcamp program on “Robotics Process Automation” was conducted on 2nd March 2024 for students of Shri Ramdeobaba college Engineering and Management, Nagpur from 10.30 am to 5.30 pm, at RCOEM-TATA-CIIIT organized by Mechanical Engg. department. A total 24 UG/PG students participated and was coordinated by an expert speakers Mr.Niraj Nakhale, Director for Solution Engineering for Automation Anywhere India and Ms. Pallavi Valunj, Architect for Solution Engineering for Automation Anywhere India..

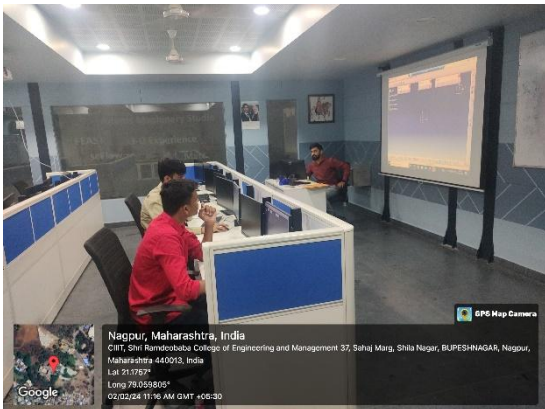




7] One-month internship program on “Internet of Things (IoT)” is started from 01st Feb. 2024 for students of **Shri Ramdeobaba College of Engineering and Management, Nagpur** at RCOEM-TATA-CIIIT. The program is being coordinated by Dr. Chithraja Rajan and Dr. Bhumika Neole, Asst. Professor from the dept. of CSE(AIML) and ECE respectively.



8] A Four-month internship on “Solid Modeling, 3D Printing, Reverse Engineering, Analysis using ADAMS, VMC operations” has been started from 02nd Feb. 2024 for students of **Government Polytechnic, Nagpur** from 11.00 am – 4.30 pm, at RCOEM-TATA-CIIIT. The training program is coordinated by Dr. Y. M. Sonkhaskar and Mr. Shrikant Wankhede, Technical Assistant of RCOEM-TATA-CIIIT.

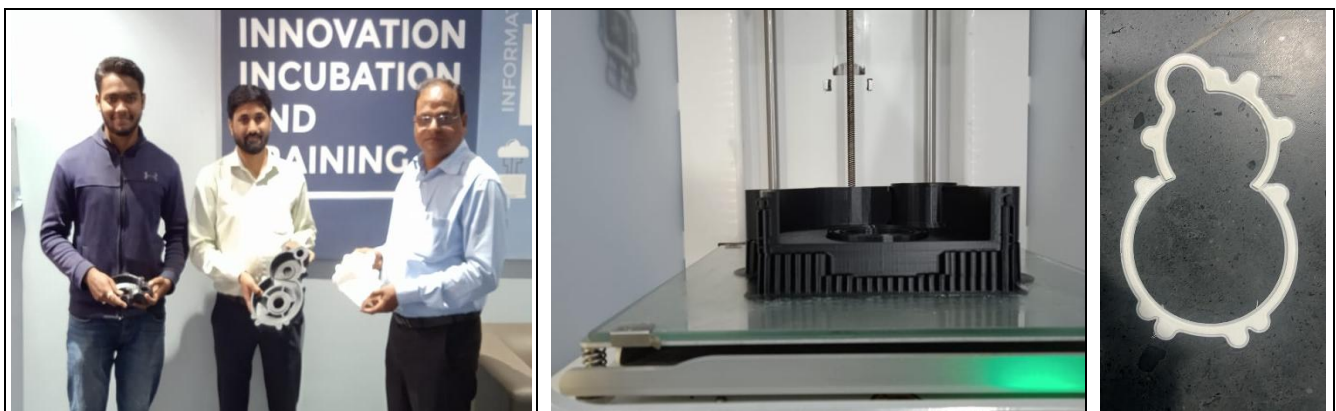


[B] Consultancy & Project:

- Mr. Tanishq Kohli of the ECE Department created and printed certain 3D elements of the project "An Intelligent Air Pollution Monitoring & Regulating System for Industry using UAV" on January 6, 2024, under the supervision of Dr. B. A. Neole.



- SAEINDIA RCOEM Collegiate Club students used 3D printing and laser engraving to create gear boxes and gaskets for SAEINDIA e BAJA 2024, took place from January 13th to February 28th, 2024.



- Mr. Akshay Daware, Arish Kazi, and Team printed 3D parts for the national Letio TECHgium, organised by L & T Technology Services on January 23, 2024.
- Mr. Kartik Chapke from the Industrial Engineering Department printed 3D parts for a solar project research internship under Prof. Sachin Pund started from January 10, 2024.
- Mr. Aniket Kalamkar from the Electrical Engineering Department printed a 3D part for the "Industrial Robotic Arm" project.

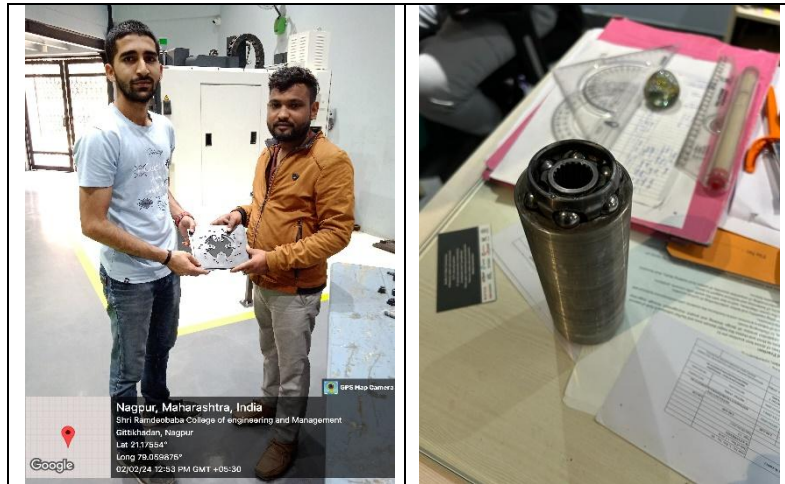
[C] Guest Lecture & lab Utilization:

- Dr. V. V. Shukla conducted a weekly Additive Manufacturing Lab to Third-year Mechanical Engineering students on Mondays from January 8th to April 2nd.

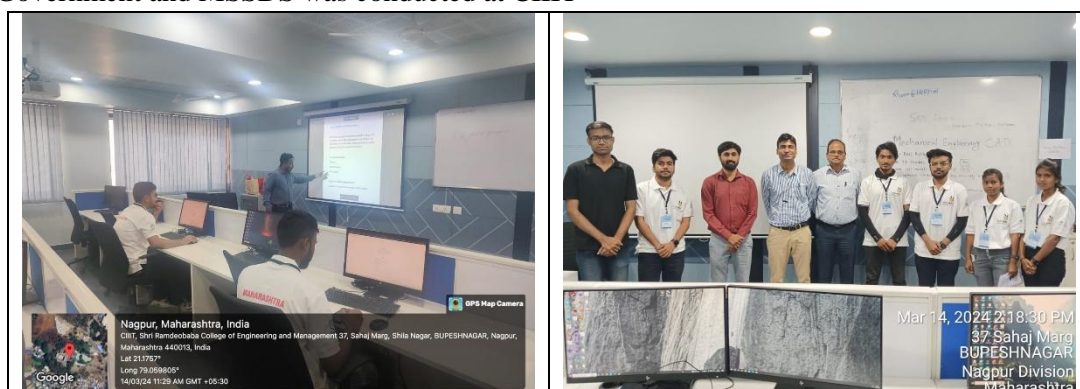


- Vedanti Karokar & Vedika Lakhnopal had used Laser cutting and Engraving machine for the project entitled “laser Cutting operation on Wooden plate” from 8th Jan. to 18th Feb.2024.

- **Mr. Kartik Chapke & Tejas Bhandarkar** of Industrial Engg. Dept. used the Laser Engraving & Cutting Machine for their research internship on solar project under the guidance of **Prof. Sachin Pund** from 10 Jan. to 28 Feb. 2024.
- **Mr. Kshitij Thote** of Mech. Engg. Dept & **Shraddha Bhakre** of Industrial Engg. Dept. using the Manufacturing Execution System (MES) for their research internship on **“Optimizing Line Balancing Techniques for Bicycle Pedal Assembly to Enhance Takt Time Efficiency”** under the guidance of **Dr. Y. M. Sonkhaskar & Dr. P. B. Shiwalkar** from 16th Jan. 2024.
- **The students of SAEINDIA RCOEM Collegiate Club** used VMC & Laser Engraving & Cutting Machine for cutting disc plate, Bracket Number plate of vehicle for participating in SAEINDIA e BAJA 2024 from 13th Jan - 28th Feb. 2024.



- **The students of Reader’s Reverie Literary Club** were podcasting with **Mr. Vikram Labhe** for coming episode of **‘Reader’s Reverie Unplugged’**- a podcast series for shoot and record podcast at CIIT on 14th Feb. 2024.
- **Mr. Ismail Shaikh & Mr. Vedant Pachpor** had used VMC Machine for project **“Cryogenic Machine on Titanium Alloy”** on 18th Feb. 2024.
- **Ms. Shrijal Rai** used Laser cutting and Engraving machine for the project **“Investigation and optimization of Laser cutting parameter of polymer material”** from 8th Feb.2024.
- Skill India Test India 2023-24, a skill Olympiad organized by Skill India NSDC Maharashtra Government and MSSDS was conducted at CIIT



- Start-up skill Idea competition conducted by RCOEM-TBI was held at CIIT.

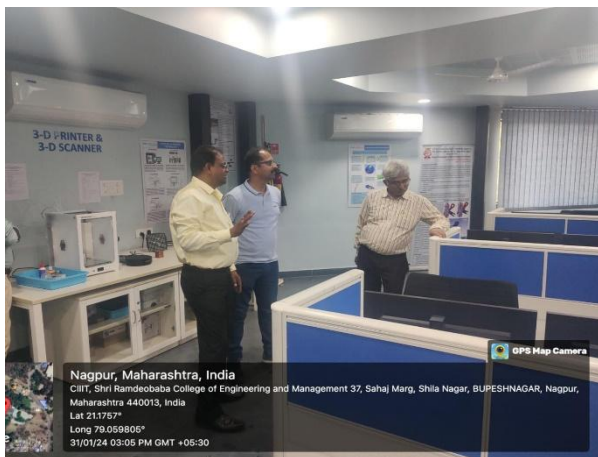


4] Visit of Eminent persons to RCOEM-TATA-CIIT:



NCQC delegates

Prof. Mirza Baig, HOD of J. D. College of Engineering & Management



Mr. Mukul Joshi & Mr. Hemant from Siemens



Dr. N. Gouthamkumar, Asst. Professor, National Fire Service Nagpur



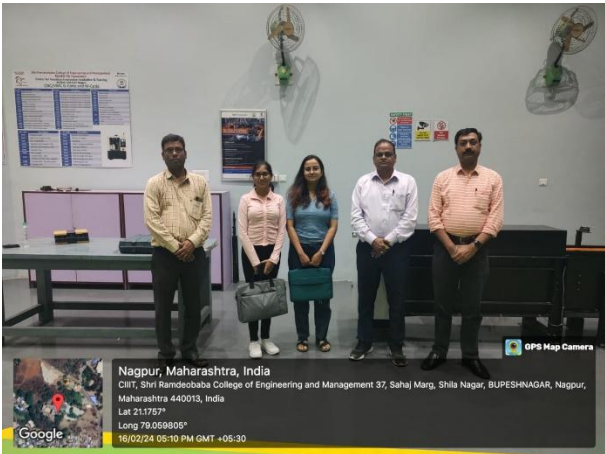
Nagpur, Maharashtra, India
 CIIT, Shri Ramdeobaba College of Engineering and Management 37, Sahaj Marg, Shila Nagar, BUPESHNAGAR, Nagpur, Maharashtra 440013, India
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 Long 79.059805°
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Mr. Ameya Khedkar from 3D villa Service, Nagpur



Nagpur, Maharashtra, India
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Dr. Sarvari from Dental college Nagpur



Nagpur, Maharashtra, India
 CIIT, Shri Ramdeobaba College of Engineering and Management 37, Sahaj Marg, Shila Nagar, BUPESHNAGAR, Nagpur, Maharashtra 440013, India
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 Long 79.059805°
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Dr. S S Mantha, former Chairman AICTE



Dr. Vilas Sapkal, Former VC of RTMNU



Distinguished team members from Bajaj



Mr. Vikram Labhe, MD of Fivetran India



Dr Amol Andhare, Deputy Secretary, UGC



Government Polytechnic, Nagpur



Faculty members from Shri Sant Gajanan Maharaj College of Engineering, Shegaon



Dr. Sushil Raut from Hiroshima University Japan



Guru Nanak Institute of technology Nagpur



Dr. Sunanda Bajaj & Mr. Thakre, Skill Development Dept. Nagpur