

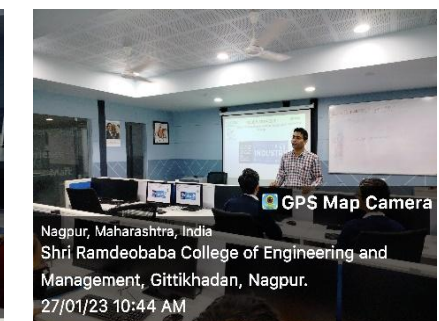
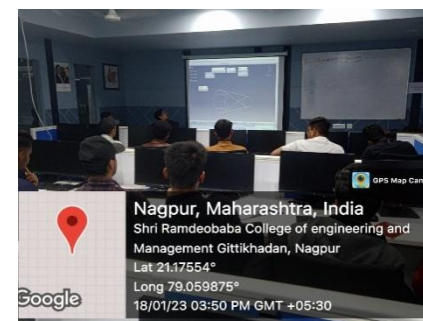
REFLECTION
January -February -March 2023
RCOEM-TATA-CIIT
(Center for Invention Innovation Incubation & Training)

[A] Training Programs: -

[1] Two days training program on “Solid Modeling, 3D Printing, Analysis & Designs of Residential Building, Green Building, Creativity & Design Thinking and Internet of Things” was conducted on 6th & 7th Jan. 2023 for students of **Smt. Manoramabai Mundle College of Architecture, Seminary Hills, Nagpur** from 10.30 am to 5.00 pm, by RCOEM-TATA-CIIT. The training was conducted in association with Dr. Y. M. Sonkhaskar, Dr. Vishal Shukla, Dr. R. N. Khapre, Prof. Bhushan Bissa, Prof. Vipul Lande, Prof. Ashlesh Jaiswal, Prof. Snehal Laddha, Prof. H. D. Bhawe, Prof. Himanshu Shukla & Technical Assistant Mr. Mayur Patle, Mr. Shrikant Wankhede and Ms. Nikita Satfale.



[2] One Week Training Program on **CATIA V5 Modeling Software** by **Virtual Simutech, Pune** was conducted on 16th to 21st Jan.2023 for students of **Mechanical Engineering Department** of RCOEM from 3.30 pm to 6.00 pm, held at RCOEM-TATA-CIIT. The training was conducted in association with Dr. Y. M. Sonkhaskar, Dr. Vishal Shukla, Mr. Anil Jain, trainers Mr. Amit Badwaik, Mr. Mayuresh Kuchekar and Technical Assistant Mr. Shrikant Wankhede.



[3] One day training program on “Solid Modeling, 3D Printing, Internet of Things” was conducted from 24th to 28th Jan.& 15th Feb. 2023 for students of **Bhavan’s Bhagwandas Purohit Vidya Mandir Ashti (Khurd)** from 10.30 am to 5.00 pm, at RCOEM-TATA-CIIT. The training was conducted in association with Dr. Y. M. Sonkhaskar, Dr. Vishal Shukla, Dr. Alok K. Jha, Prof. Bhushan Bissa, Prof. Vipul Lande,

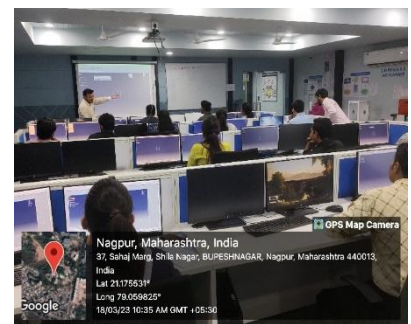
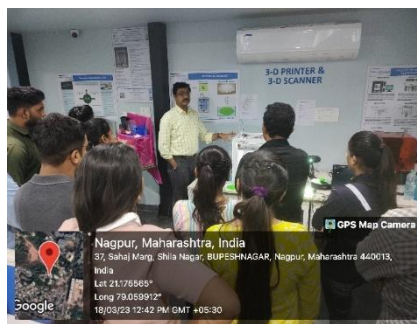
Prof. Ashlesh Jaiswal, Prof. Shubham Anjankar, Prof. Lokesh Heda, Prof. Snehal Laddha & Technical Assistant Mr. Mayur Patle, Mr. Shrikant Wankhede, Ms. Nikita Satfale.



[4] Two days training program on “Solid Modeling, 3D Printing, Internet of Things, Android App Development and Web Design” was conducted on 16th & 17th Feb. 2023 for students of **Bhavan’s Bhagwandas Purohit Vidya Mandir Ashti (Khurd)** from 10.30 am to 5.00 pm, held at RCOEM-TATA-CIIIT. The training was conducted in association with Dr. Y. M. Sonkhaskar, Dr. Vishal Shukla Dr. Alok K. Jha, Prof. Lokesh Heda, Dr. Ashish Chandak, Dr. Rakesh Kadu & Technical Assistant Mr. Mayur Patle, Mr. Shrikant Wankhede, Ms. Nikita Satfale.



[5] One Day training Program on “Awareness on Industry 4.0: Challenges and Opportunities” was conducted on 18th March 2023 at RCOEM-TATA-CIIIT. It was organised in association with **RCOEM-QCFI Center of Human excellence, Nagpur**. The participants were from **Elkem South Asia Pvt Ltd., CEAT Tyres Ltd., Solar Industries India Ltd. and JSW Steel coated Product Ltd.** A total of **15 Industrial Personnel** participated in this training and was conducted from 9.30 am to 6.00 pm. The training was conducted in association with Dr. Y. M. Sonkhaskar, Dr. Vishal Shukla, Dr. Rajiv Khaire, Dr. S. S. Balpande, Prof. Bhushan Bissa, Mr. Gaurav Mundhada & Technical Assistant of Mr. Mayur Patle, Mr. Shrikant Wankhede, Ms. Nikita Satfale.



[B] Consultancy & Projects:

- Saurabh Khanna and team students of final year Mechanical & Electrical Eng. Department have designed and 3 D printed a **Cube, Triangle plate & Plus Shape** etc. for prototype of the project titled **“3D Printers with Integrated Automatic Dimension Measurement System for High Precision Prints”** and was printed during 6th to 11th Jan 2023.
- Vidit Tambi and team students of Mechanical Engg. Dept. designed and printed 3 D part assembly for the **“Research Internship Project”** and was printed during 2nd to 3rd Feb. 2023.



- Simran Kedia and team students of Biomedical Eng. Dept. designed and printed 3 D part assembly for the project titled **“OSMF Mouth Opening Device”** and was printed during 10th to 16th Feb. 2023.



- Ritik Sukhdeve, Syed Asad Ali & Mansee Bhowate Final year Students of Electronics Engg. Department designed and 3D Printed a **Movable disc with plunger, Fixed disc with barrel and Disc Stand** for the Project titled **“Antimicrobial Susceptible Disc Dispenser”** and was printed during 27th to 29th March 2023.



[C] Guest Lectures & lab Utilization:

- Guest Lecture on **“Concentrated Solar Thermal Plant”** was delivered by Dr. Sandeep Joshi (Mech. Engg. Department) to the students of Jhulelal Institute of Technology (JIT), Lonara, Nagpur on 2nd Mar. 2023.

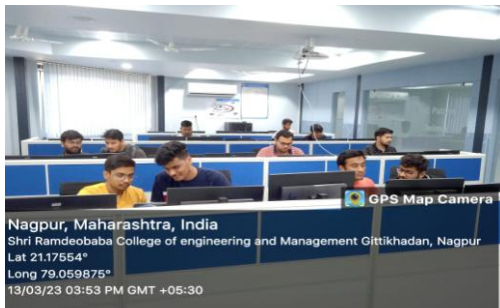


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- Guest Lecture on “**Concentrated Solar Thermal Plant**” was delivered by Dr. Sandeep Joshi (Mech. Engg. Department) to the students of S. B. Jain Institute of Technology, Management and Research, Nagpur on 3rd Mar. 2023.
- The students of 6th Semester of Mechanical Engg. have attended the Laboratory session of the course Additive Manufacturing every Monday from 2 pm to 4 pm. It was conducted by Dr. Vishal Shukla.



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- The students of Mechanical and Industrial Engg. Department, M.Tech (Robotics and Automation), utilized IoT lab for project completion and demonstration of the project in the presence of Dr. Pranjali Deole.



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[D] Visit of Eminent persons to RCOEM-TATA-CIIIT:



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Faculty of Smt. Manoramabai Mundle College of Architecture, Nagpur



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Faculty of Shegaon College of Engineering, Shegaon



**Mr. Ashutosh (TATA Technologies),
Chandrapur**



**Faculty of Kavikulguru Institute of Technology
and Science,Ramtek**



**Faculty of Jhulelal Institute of Technology,
Nagpur**



**Faculty of J. D. College of Engineering & Management,
Nagpur**



Dr. Kranti Prasad



Mr. Rahul M. Munde & Mr. Hemant Gupta



Experts from Kinetic Gears Ltd.



**Faculty of Tulsiramji Gaikwad Patil College of
Engg. &Tech., Nagpur**



Nagpur, Maharashtra, India
 Shri Ramdeobaba College of Engineering and Management, Gittikhadan, Nagpur.
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Faculty, KarmaveerDadasahebKannamwar Engg. College, Nagpur



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 Shri Ramdeobaba College of engineering and Management Gittikhadan, Nagpur
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Faculty, Vidarbha Institute of Technology (VIT), Nagpur



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Nagpur Veterinary College, Nagpur



Nagpur, Maharashtra, India
 Mess, 105/K, Lonand, BUPESHNAGAR, Nagpur,
 Maharashtra 440013, India
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S. B. Jain Institute of Technology, Management and Research, Nagpur



Nagpur, Maharashtra, India
 37, Sahaj Marg, Shila Nagar, BUPESHNAGAR,
 Nagpur, Maharashtra 440013, India
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Tulsiramji Gaiikwad Patil College of Engg. & Tech., Nagpur



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Dr. H. N. Nagaraja and Dr. D. M. Dewaikar



Nagpur, Maharashtra, India
 CIIT, Shri Ramdeobaba College of Engineering and Management 37, Sahaj
 Marg, Shila Nagar, BUPESHNAGAR, Nagpur, Maharashtra 440013, India
 Lat 21.1757°
 Long 79.059805°
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Vidarbha Institute of Technology (VIT), Nagpur

[E] CIIT MoUs Signed with other Institutions: -

- Memorandum of Understanding with **Kavikulguru Institute of Technology and Science (KITS), Ramtek, Nagpur on 18th Jan. 2023.**
- Memorandum of Understanding with **Jhulelal Institute of Technology (JIT), Lonara, Nagpur on 19th Jan. 2023.**

- Memorandum of Understanding with **J. D. College of Engineering & Management, Nagpur** on **20th Jan. 2023.**
- Memorandum of Understanding with **Tulsiramji Gaikwad-Patil College of Engineering and Technology, Mohagaon, Nagpur** on **16th Feb. 2023.**
- Memorandum of Understanding with **Vidharbha Institute of Technology (VIT), Nagpur** on **23rd Feb. 2023.**