



Annual Report

# REFLECTION

2022-2023



**NAGPUR INSTITUTE OF TECHNOLOGY**

**EXCELLENCE**

**EDUCATION**

**EMPOWERMENT**



# Activities@NIT

**PRATIBIMB 2K23** - an annual gathering of NIT Nagpur was inaugurated at the hands of famous Bollywood actor, director and producer Mr. Shreyas Talpade. Mr. Mateen Khan (AVP Lokmat Media pvt. ltd) and Mr. Arvind Kumar (Center head TCS Nagpur) was Guest of Honour.





**UDDAN-2K23: Jhund Movie fame, Dr. Vijay Barse- founder of slum football was invited as chief guest for UDAAN inauguration ceremony.**





**“Ganesh Sthapana Pooja” was successfully carried out -  
under Sankalp 2K22.**



**Nagpur Institute of Technology organised INNOVATECH-23 a Project Model Competition for Final year Students. The Chief Guests were Mr. Nitin Bagokar, Vice President Bajaj Steel Industries Ltd, Nagpur and Dr. Abhay D. Deshmukh, Director, Incubein Foundation(Incubation Center.**





## **“AARAMBH”INDUCTION PROGRAM FOR FIRST YEAR 2022-23**

**Inauguration ceremony Guest are Mr. Satish Fadke  
Director Fadke academy Akola**



**Mr. Sachin Mankawade, Director Engineers Academy**





**Guests were invited in “Aarambh”  
Mr.Romil Bhinder Manager Rajasthan Royals IPL**



**Mr. Man Kumar, Sr. Manager Persistent system  
Alumni NIT, Ms.Vandana Iyer, Data Associate Amazon**





**Mr.Chandrakant Satija**  
**Entrepreneur and Educational consultant**



**Mr.Pravin Deshbharatar, Chief Petty Officer**  
**Mr. Rahul Nagrale, Sub Lieutenant Navy**



**Dr. Kshitij Barvey, Unique Academy Nagpur**





**Nagpur Institute of Technology organized one Day career guidance program “Success Mantra” for MHT CET and NEET aspirants on 30th April 2023 at Vasant Rao Deshpande Hall.**



**NAGPUR INSTITUTE OF TECHNOLOGY**  
**&**  
**KOSHISH FOUNDATION**  
 Organizes  
**SUCCESS MANTRA**  
**MHT-CET & NEET EXAM- 2023 ASPIRANTS**

Media Partner  
**UCN**  
 Digital TV & Broadband Services

Date : 30/04/2023 | Time : 9 AM - 2 PM  
 Venue: Vasant Rao Deshpande Hall, Civil Lines, Nagpur

**EXPERT SPEAKERS**

 <b>Mrs. Anita Wankhede</b> Physics Director Wankhede Madams Academy, Nagpur	 <b>Mrs. Manisha Pradhan</b> Chemistry Founder Pradhan Madams Chemistry Classes, Nagpur	 <b>Mr. Kiran Gadkari</b> Mathematics Founder Gadkari Maths Classes, Nagpur	 <b>Dr. Sameer Phale</b> Biology Founder Dr. Phale Medical Entrance Institute, Nagpur
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*Grab the Golden Opportunity to Achieve Success*

For Registration



**NIT Rock Band music club in association with Soundzbest Studio was conducted an activity Animation Dubbing for engineering students.**



### **Blood Donation Camp :**





## National Unity Day :



## Republic day celebration at NIT:



## Yoga Day on 21st June 2022



## Independence day





## Department of Electrical Engineering



**Dr. Jagdish Choudhary**  
**Associate Professor,**  
**Academic Dean & Head**

The department of Electrical Engineering was incepted in the academic year 2010-2011 with the objective of giving the best “Technical Education” to aspiring Power Engineers. This department provides an environment where young minds can grow to their full potential and become strong, principled and committed Citizens of the Country. Department has well-furnished and spacious laboratories as per AICTE norms. Department of Electrical Engineering with yearly intake of sixty students has dedicated and experienced team of eight faculty member. The faculties are highly experienced, well qualified, dedicated, young & dynamic Assistant Professors who work with commitment to give their best to the young engineers. As a befitting reward to its incessant efforts in developing the department, the department of Electrical Engineering has added various feathers in its cap by getting involved in various strata of academic fronts & achieving positions in the same.

Department provide platform for students to interact and get project based knowledge by organizing industrial visits, internship and training programs enabling the students to keep abreast with the latest technological development in the industry. Thus, making the students industry ready and are easily captivated many leading companies. During every semester, the calendar of events is prepared which implicitly incorporates all the curricular and extra- curricular activities of the department and is followed meticulously without deviation.

### Activities:

#### Forum Installation:



#### Mahatma Jyotiba Fule Jayanti:





## Udbodhan:



## Farewell:



## Guest Lectures:

- Guest Lecture on Career Guidance by Mr. Raj Prajapati (Senior Tech lead) Mercedes Benz on 01/09/2022.
- Guest Lecture on Control Topologies for Induction Motor by Prof. S. K Mude from K.D.K. College of Engineering, Nagpur on 25/08/2022.
- Guest Lecture on Internship, Startup and Placement Guidelines by Mr. Pratap Shukla , CEO and Founder of Take It Ideas Innovative Solutions Pvt. Ltd. on 15/11/2022.
- Guest Lecture on “Basics of Switchgear and protection.” The resource person was Er. Naval Damle, Assistant Engineer, MSPGCL, Chandrapur. 21/03/2023.
- Webinar based on “Copyright and How to write Good Technical Paper” by Dr. Archana Belge Associate Professor, Department of Mechanical and Mechatronics Engineering, Thakur College of Engineering & Technology, Mumbai.

## Glimpses:







### International Conference Attended By students:

Presented Paper on “E-Rickshaw Performance Using Solar Energy”, 19/12/2022 at J D College of Engineering & Management, Nagpur in International Conference on Advances in Materials: Engineering & Technology.

Mr. Chetan Getme, Ms. Dhanshree Mahajan, Mr. Ayush Chaudhari, Mr. Kunal Gawarle  
Mr. Harshad Shende



### Toppers:



**Tanmay Lanjewar**  
1st  
3rd Sem  
SGPA: 7.29



**Hina Wasnik**  
2nd  
3rd Sem  
SGPA: 7.04



**Kajal Rahangdale**  
1st  
5th Sem  
SGPA: 7.01



**Minal Bhivgade**  
2nd  
5th Sem  
SGPA: 7.00



**Tejas Raut**  
1st  
7th Sem  
SGPA: 7.93



**Kalyani Gomase**  
2nd  
7th Sem  
SGPA: 7.57



**Tanmay Lanjewar**  
1st  
4th Sem  
SGPA: 7.79



**Sandhya Meshram**  
2nd  
4th Sem  
SGPA: 7.42



**Darshan Bhongade**  
1st  
6th Sem  
SGPA: 8.43



**Tanmay Wadulkar**  
2nd  
6th Sem  
SGPA: 8.10



**Tejas Raut**  
1st  
8th Sem  
SGPA: 8.69



**Chetan Gaetme**  
2nd  
8th Sem  
SGPA: 8.35



## Department of Information Technology



**Dr. Mahendra Makesar**  
**Associate Professor & Head**

Realizing well in time that the I.T wave has become a phenomenon in itself over the past years. The institute established a separate department to cater to the ever growing demand for professionals in this challenging field. The department offers B.E.(I.T) full time course. The department has well qualified and motivational faculty members and support staff. The faculty members have authored more than 100 research papers in journals and conferences. The state of the art laboratories are equipped with the latest machines, software and are networked to the client throughout the department.

The students of the department perform well regularly in the national level competitive examination Graduates Aptitude Test in Engineering (GATE) and many of the students are high rank holders. Many students find placements in reputed companies in India and abroad and lead a successful career.

The objectives of the departments are

- To equip students with state of art knowledge and skill in Information Technology.
- To create future leaders of IT industry.
- To lay a foundation for lifelong learning ability.

### Activities:

#### Team Building Activity-Balloon Popping:



#### Team Building Activity-Synergy (Ring Passing):





## Engineer's Day:



## Forum Installation ITSA:



## Freshers Day:



## Mind Concentration Activity-Number Counting:



## Mind Concentration Activity-Stop & Walk:





## Problem Solving & Team Building Activity-Ball & Pen:



## Raas Garba:



## Teachers day celebration:



## Team Building Activity-Coalition:



## Team Building Activity-Chaining (Nexus):



## Udboodhan:





## Parents Meeting:



**NCACIA-2023 PARTICIPATION NATIONAL CONFERENCE PAPER PRESENTED SHIVANI MISHRA, VIVEK CHAPLE, HITESH BHAGAT.**



**Our students Projects at 108th Indian Science Congress, RTMNU, Nagpur:**



## Guest Lectures:

- Online Impact lecture Series-2022 by Mr. Harshal Thakre, Cofounder of The Gutsygrit.com.
- Emerging Trends in IT and How to Secure Your Careers" by Ms. Pratigya Thakur, Director, Unisoft Technologies.
- Expert Talk on "Apex Programming for Salesforce" by Er. Gaurav Dongre, ER. Gaurishankar Girhe founder of Sketch Edu, Nagpur.
- Guest lecture on Report of- Expert Talk On "Data Science & Its Tools" The expert speaker was Dr. Soheli Bhura, Associate Professor, Member of B.O.S, RTMNU, Nagpur.
- Guest lecture on "Machine Learning". The expert speaker was Dr. Manoj Chaudhari, Associate Professor, Member Of Bhagwati College of Engineering, Nagpur.
- Guest lecture on "ASP.NET using C# ". The expert speaker was Dr. Rahul Khokale, Professor, Thakur college of Engineering.

## Glimpses:







## Industrial Visit:

Infocepts Ltd.,MADC, Mihan:



## Toppers:



**Khushi Gupta**  
1st  
3rd Sem  
SGPA 7.73



**Bhawana Bhoyar**  
2nd  
3rd Sem  
SGPA 7.73



**Khushi Gupta**  
1st  
4th Sem  
SGPA 8.30



**Vrushali Zod**  
2nd  
4th Sem  
SGPA 7.78



**Prashik Dabharade**  
1st  
5th Sem  
SGPA 8.20



**Rani Dhanjode**  
2nd  
5th Sem  
SGPA 8.10



**Ekanshi Barekar**  
1st  
6th Sem  
SGPA 8.91



**Rani Dhanjode**  
2nd  
6th Sem  
SGPA 8.36



**Chaitalee Kathwate**  
1st  
7th Sem  
SGPA 8.38



**Chaitalee Akhand**  
2nd  
7th Sem  
SGPA 7.86



**Chaitalee Kathwate**  
1st  
8th Sem  
SGPA 8.27



**Chetana Katre**  
1st  
8th Sem  
SGPA 8.27



## Department of Civil Engineering



**Dr. Syed Zafar**  
**Associate Professor & Head**

Civil Engineering was started in the year 2010 with an aim to contribute towards the rapid infrastructural growth of the region by producing Sanguine Civil Engineers. Since its inception the Department is taking debt in making "Excellence - a Practice and Habit", in its entire working domain; be it academics or administration. The Department is committed in producing talented students with excellent performance in Extracurricular Co-curricular activities like Projects, Seminars, Workshops and Participation in Technical events. The strength of the Department lies in its committed teaching staff bespoken of enriching students with professional knowledge, social, cultural and moral values. Their desires are further strengthen by modern and well equipped laboratories for imparting practical knowledge. The department believes in hands on experience and sends its students to reputed organization for Summer Training.

The Civil Engineering Students' Association (CESA) and Indian Society for Technical Education (ISTE), Chapter provides a platform to the students to depict their organizational and Performance skills in different walks of life. It also involves students in philanthropic activities such as donation of clothes, books, etc. Students are regularly updated with Civil Engineering Knowledge through guest lectures, industry visit, industrial tours etc. The department has started guidance of Competitive Exams such as MPSC, GATE, and UPSC for the students. The Department is practicing Pro-Environment Policies such as prohibiting use of Non- Biodegradable Material, reduced font size of the documents to save trees, curbing noise pollution by avoiding Hi-Decibel sound in the premises. The encouragement in the Department for research work has led faculty to publish many research papers. Faculty members are encouraged to attend Faculty Development Programme, Workshops, Seminars and Conferences to enhance their knowledge. The department has well equipped laboratories where students are taught to apply the theory learned in the classes to solve the practical problems. The laboratories consist of modern equipment's like total station, universal testing machine of 10 KN capacities for testing materials and Los Angeles Abrasion Testing Machine etc.



## Activities:

### Student Forum Installation:



### BRIDGE-IT 2K22:



### Engineers Day



### "Teachers Day"



### Fresher's Party



### Parent Meet





## Farewell



### Guest Lecture:

1. Guest lecture on the topic "Recent Power Tools Used in Civil Engineering" dated 01st September 2022 as Internal Quality Assurance Cell (IQAC) initiatives. Mr. Saurabh Pawar, Technical Account Manager, Hilti India Pvt.
2. Skill Development Program under the forum of the Civil Engineering Students Association (CESA) on the topic "L&T EduTech" on dated 01st September 2022 as Internal Quality Assurance Cell (IQAC) initiatives in association with L&T India. Mr. Amit Chaurasiya, Area Manager, L&T Edu Tech, Nagpur, and Mr. Akhilesh Rakshe, L&T Edu Tech were invited to deliver the lecture at Nagpur Institute of Technology.
3. Guest lecture on "Carrier Guidance on Civil Engineering Softwares" Session was delivered by Swapnil Udupurkar, Centre head, Priyanka Kanojiya, Structure design engineer, Bhagyashree Selore, design engineer. Dr. Syed Zafar, HoD guided the students in guest lecture
4. Guest lecture on Building Carrier By Using Civil Engineering Software in association with Astral Pvt. Ltd. , Nagpur on 20th March. Resource persons Miss. Priyanka Kawale, Software Trainer and Design Engineer (Astral Informatics Pvt. Ltd) and Mr. Omais Athar Business Development Executive (Astral Informatics Pvt. Ltd).
5. Expert Lecture on "Latest Trends in Environmental Engineering" on 28 April 2023. Expert Lecture delivered by Mr. Rahul Rathor - Branch Manager of Go-Green Mechanism Pvt .Ltd.
6. Organized in association with CESA and ISDS &CRD Foundation Expert talk on Sustainable Development & Posco act. Dr. J. G. Choudhary proposed the introductory speech about the program. expert from ISDS foundation Prof. Anand Manjarkhede delivery expert talk on sustainable development, Adv. Surekha Borkute delivered talk on Posco act and Hon'ble Judge Jaydip G. Pande delivered expert talk on World water day, Right to food and education and pollution free air and water
7. Guest lecture on "Recent Trend BIM modeling" on 09 April 2023. Mr. PravinJadhav, Director, F6 Design Training Solutions guided the students.

### Glimpses:







### Industrial Visit:

1. Site Visit of III semester Civil Engineering at Shri Renuka Infra LLP Site, Zafar Nagar, Nagpur by on 07 Jan. 2023.
2. Site Visit of III semester Civil Engineering at Creative Homes Green Villa Phase - II Site, Gorewada Square, Nagpur by on 07 Jan. 2023.
3. Visit at NEERI, Nagpur. 46 Students were Present and attended The Students outreach session organised by NEERI Nagpur.



### Toppers:



**Vaishnavi  
Santosh  
Ghosare**  
2nd Year  
Score: 71.07 %  
Aggregate  
SGPA: 6.86



**Priyanshu  
Sunil  
Kuchekar**  
2nd Year  
Score: 68.93%  
Aggregate  
SGPA: 6.77



**University Rank:  
02  
Bhagyashree  
Pravin Wanjari**  
3rd Year  
Score: 81.63 %  
Aggregate SGPA:  
7.77



**Astha Dinanath  
Chapre**  
3rd Year  
Score: 77.88 %  
Aggregate  
SGPA: 7.73



**Srushti Ashok  
Thawkar**  
4th Year  
Score: 80.80%  
Aggregate  
SGPA: 8.08



**Vishal Bimlesh  
Arodiya**  
Year: 4th Year  
Score: 80.67 %  
Aggregate  
SGPA: 8.08



## Department of Mechanical Engineering



**Dr. Vijay Kalbande**  
**Associate Professor & Head**

Mechanical Engineering Department runs UG program with intake of 60 students approved by AICTE, New Delhi with effect from 2008-09. The department is equipped with dedicated and competent faculty members to impart quality technical education, project guidance, personality development to enable students to be placed with reputed organizations. With the vision to bring out cultured Engineered Engineer the department is going ahead to benefit the society at large from its inception. Mechanical Engineering is recognized to be the back bone of any industry with amazing versatility. The program includes a deeper scientific study of number of engineering sciences to which the students are introduced at the core curriculum level. The department has state of art laboratories to impart sound practical knowledge of the subject. The department has well equipped laboratories such as Automation in Production, Heat & Mass Transfer, Hydraulic Machines, IC Engine, Mechanical Measurement, Metallurgy, CAD, Refrigeration and Air Conditioning etc. Mechanical Engineering Workshop caters to the training requirements of all the departments. It is spread over an area of more than 1000 sq. ft. and comprises shops with modern machine tools and related accessories: Machine Shop, Fitting Shop, Carpentry Shop, Welding Shop, Foundry & Forging Shop, Metrology and Sheet Metal Working Shop.

### Activities:

#### Skill Development Day :



#### Teachers Day :





## Udbodhan 2K22:



## Installation of FAME 2022:



## Vishvakarma Jayanti :



## GARAJ Social event: :



## WAD :





## The Fresher's Day :



## Parent Meeting :



## Guest lecture:

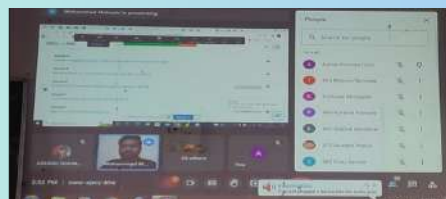
1. Guest lecture on the topic "Entrance exams for Higher Studies" by Mr. Anshul Walke, Productivity Analyst, Woolworth, Australia on 12/08/2022.
2. Guest lecture on the topic "Advances in I.C. Engine on dated 25-08-2022" by Dr. Satish Bhele, Associate Professor, KITS, Ramtek.
3. Guest Lecture on "Revamping Solid Works for Industrial use" on 15th September 2022 by Mr. Rishab Patange, Design Engineer, Admire Tech Vision, Nagpur.
4. Guest Lecture on "Industry 4.0" on 24/09/2022 by Mr. Abhay Waghmare, Project Director - Service Engineering, LM Wind Power Ltd., Bangalore.
5. Guest Lecture on "Design of Hybrid Electric Vehicle" for the third & final year students on 11/10/2022 by Mr. Mohammed Mohasin, SKILL LYNC, Mumbai.
6. Online webinar on "Electric Vehicles" on 9th November 2022 by Mr. Raz Lal, Eminent Trainer, Kloudcampus, Tamilnadu.
7. Guest lecture on "Industrial Automation" on 29th November 2022 by Mrs. Neha Tekade, NU Intelligence Pvt Ltd., Nagpur.
8. Guest lecture on "Energy & Fuel Saving in Day to Day Life" on 08/02/2023. Mr. Pramod Nichat, Trainer, Petroleum Conservation Research Association (PCRA), was the expert.
9. Guest lecture on "CNC Programming" on 10/02/2023. Mr. Shubham & Mr. Saikumar, Trainers from Indogermen Tool Room (IGTR).
10. Guest lecture on -The Future of Mobility Industry: Trends & Ecosystems. Mr. Dheeraj Dey, Director & Co-founder of Germanywale motivated and guided students for the future on 15/02/2023.
11. Guest lecture on "Career opportunities in Design sector" on 21/02/2023. Mr. Swapnil M. Udupurkar, Director, Manojyoti InfoTech pvt ltd and his team guided the students.
12. Guest lecture on "Campus to Corporate" on 12 April 2023. Mr. Anand Majarkhede, Director, ISDC foundation guided the students.
13. Guest lecture on "Industrial Robotics & Automation" by Resource Person Mr. Anil Tatode, Training Officer, Department of Robotics & Cloud Technology, RTMNU, Nagpur. On 17 April 2023.
14. Guest lecture on "Recent Development of thermal sector". Dr. Ashish Raut, President, ISHARE Nagpur chapter guided the students. On 19 April 2023.



## Workshop & Seminar:

1. One Day Workshop on IPR with Resource Person Mrs. Pooja Maulikar, Examiner Patent and Design, RGNIIPM, Nagpur. Dr. Jagdish Chaudhari, Dean Academics, Dr. Mahendra Makeswar, HOD, IT, Dr. Vijay Kalbande, ED Cell Coordinator. on 15/03/2023.
2. Two Days Workshop on CNC Part Programming & hands on training in association with MSME Technology Center-IGTR, Nagpur on 17th & 18th March 2023. Mr. Saikumar & Mr. Prashant Trainer from Indo German Tool Room, Nagpur.
3. One Day Entrepreneurship Awareness Program" in association with Ministry of MSME Government of India. On 26 April 2023, followed by chief guest Dr. Chandrahas Handa & Guest of honor Mr. Rahul kumar Mishra.
4. Department of Mechanical Engineering in association with Tech Titans -NIT's Innovation Cell Organized Panel Discussion on Computer Aided Design Skills - An Industry Perspective & Expert session on Free CAD Software For 3rd Year Skill Development students and 4th Year Mechanical students in Hybrid Mode (Online & Offline) on 19 April 2023.
5. Prof Vipin Khangar conducted Seminar on AICTE INTERNSHIP POLICY for 3rd year students of all departments on 28 April 2023.
6. Session on YUKTI INNOVATION CHALLENGE YIC-23 on 05 April 2023 under Institution's Innovation Council Prof. Vipin Khangar, Convener IIC has delivered.

## Glimpses:





## Industrial visit:



Garud Yantra Nirmitee PVT. LTD. Nagpur



John Deere Lab



Kinetic Gears Nagpur



Indogermen Tool Room, Nagpur



Veterinary college and Maharashtra Animal & Fishery Science University (MAFSU)



CIIMS Research Center



ROBOTIC CENTRE at RTMNU



KG Transmission PVT. LTD. Nagpur

## Toppers:



Astha Bhalerao  
1st  
2nd Year  
CGPA: 8.08



Ankush Baheshwar  
2nd  
2nd Year  
CGPA: 7.98



Prajwal Bawane  
1st  
3rd Year  
CGPA: 7.73



Piyush Nikode  
2nd  
3rd Year  
CGPA: 7.39



Ritesh Mangatani  
1st  
4th Year  
CGPA: 8.15



Prajawal Khidkikar  
2nd  
4th Year  
CGPA: 7.90



## Department of Computer Science and Engineering



**Dr. Shrikant Zade**  
**Associate Professor & Head**

Computer Science and Information Technology are dynamic and versatile subjects that promise a galore of opportunities for today's supersonic generation. The Department of Computer Science & Engineering was established in the year 2008, and offers Under-Graduate and Post-Graduate Programmes. The use of technology forms the crux of teaching and development methodology of the institute. The laboratories are adequately equipped with state-of-the-art facilities. Computer engineers deal with hardware-to-software integration, where in the design and build processors and hardware that can support a given programme. To ensure a quick and high quality delivery of knowledge and to produce innovative and globally competent technocrats, the Department has set up a Computer based language lab with multimedia and the interactive Communication Lab. around 300 branded systems with latest configurations, all dual core, including 275 main computers. These are linked and networked through LAN and connected to IBM servers. Internet connectivity with a high speed of 10 Mbps allows students and staff to access the internet everywhere in the Campus. The students of the department are consistently delivering good performance in various areas like Post Graduation, Research, Placement at Dream Companies, and Acquiring Prizes at various Contest, etc.

We the faculties of the department of CSE want our students to learn in a supportive, impartial environment. To continue this culture in the department, few policies were framed as given below:

- **Assessment:** As honesty is the best policy, we the faculties try to honestly assess the performance of each student individually in form of assignment tests, mid-sessional examinations and pre-university tests.
- **Research Work:** We the faculties continuously try to inculcate the importance of research work and support them to do the same in form of participation in National and International conferences and publications in international journals with impact factor more than 4.
- **Academic Monitoring:** We keep on monitoring and recording the academic performance of students in form of attendance framed as per university guidelines, surprise test after completion of each unit, viva-voce after performance of practical and discipline in every aspect.
- **Discipline:** We the faculties being a part of a professional institution, encourage our students to work and behave as professionals. We try to inculcate professional manners, ethics, etiquettes and punctuality within our students.

### Activities:

#### Forum Installation StACS :





## Quiz competition



## Guest Lectures:

- Alumni of Computer Science and Engineering Department batch 2020 batch Mr. Param R Jangam - Systems Engineer at Cloud rac Software, Delhi NCR interacted with students of CSE 3rd/4th year.
- Conducted a guidance session on Startup Planning and Management under the Institution's Innovation Council(IIC-NIT) under thrust area of Validation and startup development for the 3rd year CSE students.
- Webinar on JAVASCRIPT today(25.8.2022) The expert was Mr. Akshay Moon, Software Developer, Girmiti Software Private Limited, Bangaluru.
- Seminar on “Cloud Technology & Information Security & it’s Future Opportunities “for B.Tech-Third & BE Final year Students. By Mr. Anil Tatode Training Officer, Department of Robotics & Cloud Technology RTMNU, Nagpur at NIT, Nagpur on 31/03/2023.
- Workshop on “DOT NET” for CSE Students. By Mr. Nilesh Gupta, CEO, NR SOLUTIONS 4U, Nagpur at NIT, Nagpur from 23/03/2023 to 29/03/2023.
- Seminar on “Cyber Security” for CSE Students by Mr. Mahesh Rakheja, Technical Public Speaker, Nagpur at NIT, Nagpur on 21/03/2023.

## Glimpses:





## Industrial Visit:

- Oberoi Center of Excellence for Robotics RTMNU Campus, Nagpur
- 108th Indian Science Congress RTMNU Campus, Nagpur
- MRSAC), Nagpur



## Toppers:



**Parag Gajbhiye**  
1st  
7th Sem  
SGPA: 7.80



**Gayatri Dhandhare**  
2nd  
7th Sem  
SGPA: 7.60



**Nilima Deotare**  
1st  
5th Sem  
SGPA: 7.58



**Sameer Parate**  
2nd  
5th Sem  
SGPA: 7.47



**Priyanka Kale**  
1st  
3rd Sem  
SGPA: 7.65



**Twinkle Patil**  
2nd  
3rd Sem  
SGPA: 7.43



**Parag Gajbhiye**  
1st  
8th Sem  
SGPA: 8.15



**Ishika Khutate**  
2nd  
8th Sem  
SGPA: 7.96



**Nimisha Wankhede**  
1st  
6th Sem  
SGPA: 8.86



**Nilima Deotare**  
2nd  
6th Sem  
SGPA: 8.81



**Twinkle Patil**  
1st  
4th Sem  
SGPA: 8.81



**Priyanka Kale**  
2nd  
4th Sem  
SGPA: 8.00



## Department of B. Tech. First Year



**Dr. Jitendra Bhaiswar**  
**Associate Professor & Head**

Department of Basic Sciences and Humanities was started in the year 2008. Basic Science & Humanities subjects are the foundation subjects for all the branches of engineering and technology, thus imparts to build a firm base as part of the Engineering Education. Department has well-equipped laboratories for Engineering Physics, Engineering Chemistry and Languages while Labs of Mechanical Engineering and Computer Science & Engineering aid in completing 1st Year syllabus. In a nutshell, Basic stands tall in developing scientific (basic and engineering) temperament among the budding engineers along with required elements of Humanities. Well educated, talented and dedicated Faculty and Staff Members are the backbone of this department. In addition to the primary teaching duties, all of them have their publications in National as well as International Journals of repute for attaining perfection in their profession. Total 68 Publication by the faculty of Basic Science and Humanities in National and International Journals and Conferences.

The teaching module comprises of lectures, tutorials and practical's along with various other initiatives Faculty members perform the role of a perfect facilitator as Mentor to each section. The methodology adopted in the classroom teaching is based on the application of innovation strategies, comprehensive lectures, regular assignments and active interaction between teachers and students. Therefore, the department acts as an active catalyst to develop perfect approach to unlock their hidden talent. Personality and communication skills to fulfill the needs of young engineers.

### Activities:

#### Guru pornima :



#### International Women's Day:





## Mahatma Phule Jayanti:



## Parent Teacher Meet:



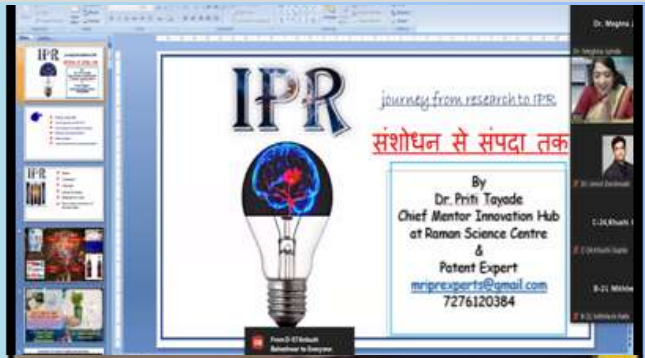
## Guest Lecture & Workshop:

1. Organizing "Impact Lectures in Online Mode" - initiative under Ministry of Education's Innovation Cell, Govt of India in association with AICTE.
2. Nagpur Institute of Technology In collaboration with Stop Cancer Mission conducted "One day seminar on Cancer Awareness" under the banner of NSS and UBA on 19/05/2022.
3. Nagpur Institute of Technology, Nagpur is organizing "Online Impact Lecture Series-2022" (Date: 18/06/2022).
4. NPTEL Programme session was conducted by Mr. Virendra Siraskar on 14/7/2022.
5. Workshop on IPR. Resource Person is Mrs. Pooja Maulikar, Examiner Patent and Design, RGNIIPM, Nagpur.
6. Department of B.Tech First Year in association with JCI Nagpur Nakshatra, organized a session on Interview skills, Time and Priority Management and Personal Grooming on 21/04/2023. Session was delivered by Jc. Dr. Parul Saoji, Prov Zone Trainer, Bhavana Yeole, Zone Director JCI and Dr.Priti Mahakalkar.

## Glimpses:







**B-Tech First year faculty participated in 108th Indian science Congress**



## Toppers:

### First Sem:



**Anushree Nagrale**  
1st  
SGPA: 9.08



**Rishikesh Waigaonkar**  
2nd  
SGPA: 9.03



**Samiksha Jambhulkar**  
3rd  
SGPA: 8.87



**Vaishanvi Ughade**  
3rd  
SGPA: 8.87

### Second Sem:



**Anjali Parate**  
1st  
SGPA: 9.27



**Shantanu Charpe**  
2nd  
SGPA: 9.02



**Samiksha Jambhulkar**  
3rd  
SGPA: 8.89



## Department of Training and Placement



**Prof. Anil Tijare**  
**Dean Training & Placement**

Training & Placement Department of NIT is one of the most promising departments which play an important role in providing opportunities to the students by arranging various Campus Interviews. The T&P Department of NIT implements and runs many training and technical Skill Development programs for Campus Recruitment. The department also takes initiatives to make students aware about the current trends and Industry expectations to make them ready for the industry. NIT is committed in providing excellent engineers to the industries as well as to the society. In shaping the student the T&P dept. takes utmost care of providing excellent entrepreneur who would be helpful in the development of the society. From this point of the view the department conducts various activities for the student from first to final year and has seen the fruits out of such task. Placements: Around 70-80% of students got placed in the year 2023. The training and placement record for 2023 are as follows: The total opportunities provided to the students included 64 various top notch companies, industries and IT firms in which all the students from different branches were allowed to participate.

Total 32 companies visited at NIT campus in the year 2023. Our hiring partners are all renowned IT companies of India .

### Following are our Hiring Partners.



Most of the students of NIT are placed before they actually complete their graduation, the placement activities are carried out when the students are in the final year.

NIT also provides Pool and Online campus, so that our students get every chance to grab the opportunities. Virtual interviews are held so that the students get benefited and explore more chances of getting selected before completing the course. Total 7 online campuses were held in the year 2023.

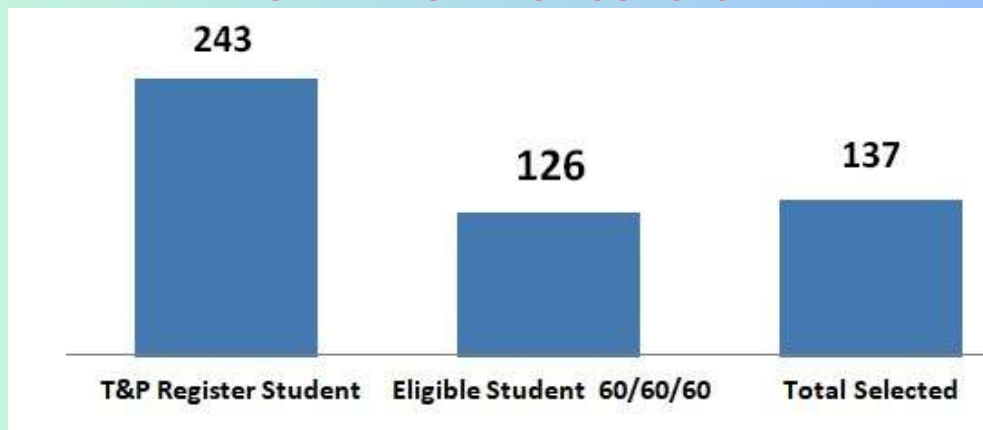
Total number of students placed in 2023 is 137, covering all the branches in various big renowned and reputed companies of India.



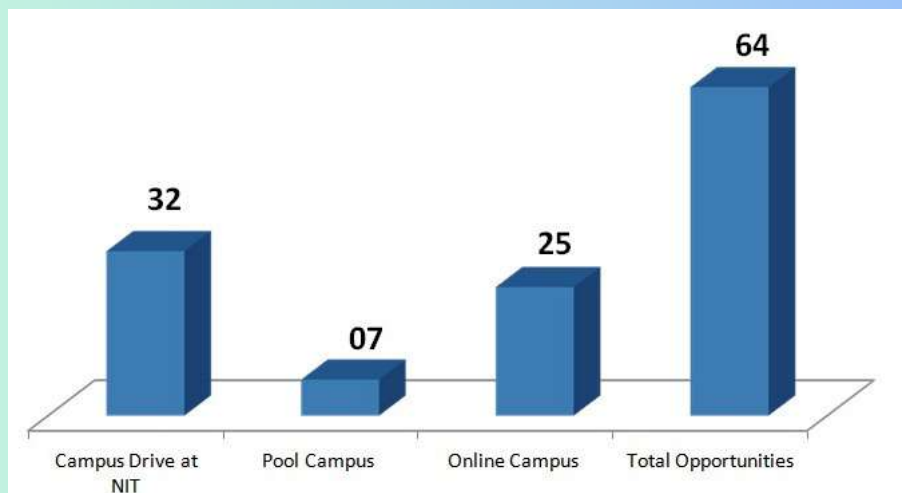
We as a Training and Placement team continuously and aggressively strive to upgrade and expand our placements for the students of NIT. We leave no stone unturned and try every possible efforts in order to achieve our student's success. Which ultimately are Training and placement department's achievement and collectively entire NIT's success.

As a result we have created a statistics graph in order to present our achievements and monitor improvement every year.

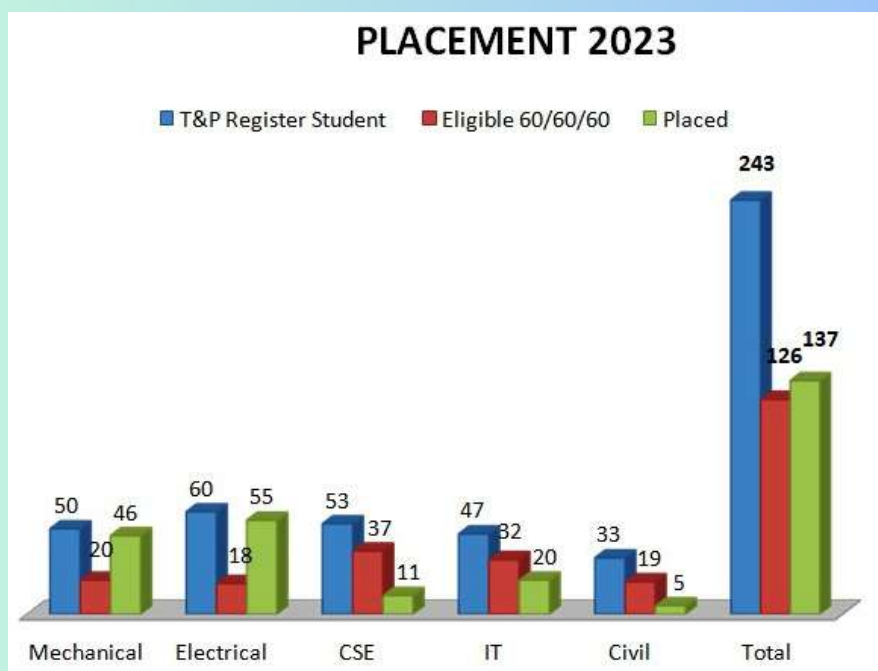
### PLACEMENT STATISTICS 2023



### Total Number of Opportunities Provided to our Students:



### Total Number of Students Placed Including all Branches:





## Department of Sports and Physical Education



**Dr. Jitendra Kotewar**  
**Director, Sports and Physical Education**

### Objective:

- To enable students to understand the nature, purpose and philosophy of sports and Physical fitness.
- To develop competencies necessary for Physical training and coaching.
- To develop knowledge, skills and competencies necessary for imparting Physical training and coaching.
- To enrich knowledge of personal and community health.
- To promote the capacity to organize games, sports and recreational activities.
- To foster interest in sports activity and appreciate its role in society.
- To develop an understanding and appreciation of indigenous approach to exercise, games and sports.

**Mr. Harshal Wankhede- a student of Mechanical Engineering department got 02 Silver medals in stroke men single event - for participation in Inter University sports competition in Woodall at Jaipur. Jammu and Kashmir and he got selected for international level. He will play in Malaysia as an official representative from India.**





**First Time NIT participated in Boxing Intercollegiate tournament organized by RTMNU Nagpur.**



**Team NIT participated in Lokmat Maha Marathon 2023.**



**NIT students were participated in Tug of War intercollegiate sport tournament organized by RTM Nagpur University.**



**Ms. Neha Bodhe, Final Year Mechanical Engg. Student - Won Bronze Medal Teakwondo, at 38th Kyorugi & 11th Poomsae Senior National Championship Deharadoun, UKD.**



**Football team of NIT was won the match with Agrawal college wardha.**





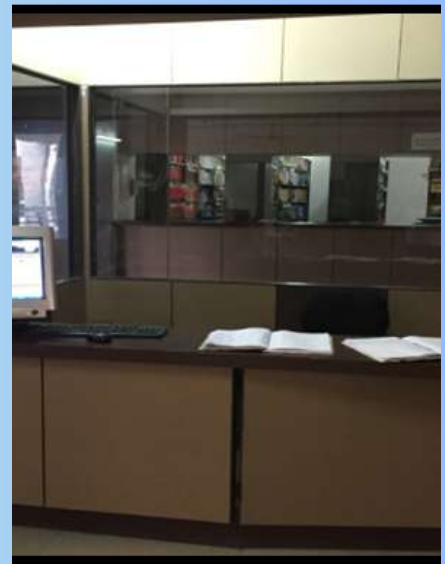
## Department of Central Library



**Mr. Virendra Siraskar**  
**Librarian**

The library department of Nagpur Institute of Technology was established in 2008. It serves as a knowledge base containing resources not only in the print form but also in digital media. The library aims at developing a comprehensive collection. There is a rich collection of volumes of textbooks, reference book, National and International Journal in all branches of Engineering, Science, Technology, Management and General studies.

### Library Photo:





## NDLI CLUB

Ministry of Education  
Government of India



National  
Digital Library  
of India

Indian Institute of Technology  
Kharagpur



### CERTIFICATE OF REGISTRATION



This is to certify that **"Nagpur Institute of Technology"** is registered  
as a NDLI Club under the National Digital Library of India.

NDLI CLUB PARTNER



National  
Digital Library  
of India

- LEARN. SHARE. GROW. -

RegistrationNo.: INMHNCICKRPCCFB

DateofRegistration: 30/03/2021

ValidityExtendedUpto: 30/03/2024

**Prof. K. P. Sinhamahapatra**  
Joint Principal Investigator  
National Digital Library of India Project  
**Chairman**  
Central Library IIT Kharagpur

**Dr. B. Sutradhar**  
Joint Principal Investigator  
National Digital Library of India Project  
**Librarian**  
Central Library IIT Kharagpur

## Events:



NDLI CLUB ORGANIZING  
(IQAC CELL UNDER)



NDLI CLUB ORGANIZING  
(IQAC CELL UNDER)

जागतिक  
युवा कौशल्य  
दिन

Resource Person:

Dr. Vijay Kulkarni





**Prof. Naresh Tawale**  
**Head Admission Cell, SRC**

It is pleasure to announce that against the backdrop of vacancies in Engineering seats; I feel it obligatory to share my proud privilege in achieving 100% admissions in all the Branches. I on behalf of the Management and the Principal of the institute take this opportunity to thank all the parents and students who have shown great faith in us choosing NIT. I am also thankful to all the Admission committee members for their constant support in achieving the target.

### **COURSES OFFERED BY THE INSTITUTE**

<b>UG COURSES</b>	<b>Intake</b>
• <b>Mechanical Engineering</b>	<b>60</b>
• <b>Electrical Engineering</b>	<b>60</b>
• <b>Civil Engineering</b>	<b>60</b>
• <b>Computer Science &amp; Engineering</b>	<b>120</b>
• <b>Information Technology</b>	<b>60</b>



## Achievement of NIT:



Prof A U Gahankari published a text book on "Fundamentals of Operating System" (ISBN 978-93-5625-073-4). It is published by Scientific International Publications House (SIPH).

Mr Jayesh Patel, alumni of CSE branch has been awarded as ADL Catalyst at Adani Digital Lab and became founding member of ADL.







**Shri Sai Shikshan Santha's**  
**Nagpur Institute of Technology, Nagpur**  
 (Institute Innovation Cell Initiative)  
 In collaboration with  
**MoE's Innovation Cell (MIC), AICTE**  
 Presents  
**Online Impact Lecture Series-2022**  
**Session-II**



**Shri. Rahul Mishra**  
Asst. Director of MSME-DI, Nagpur.  
Topic:-Entrepreneurial Motivation and MSME Schemes  
Time: 11:30 AM to 1 PM



**Dr. Rajesh Singh**  
Director, Board of Innovations, Incubation and Linkages, RTMNU,  
Topic:-Start-ups & Networking for Success  
Time: 1:30 PM to 3 PM

**ZOOM Meet:**  
**Meeting ID: 863 0992 7998**  
**Passcode: 4144**

**Tuesday, 05th Jul 22**  
**Lect.-01 @ 11:30 AM**  
**Lect.-02 @ 01:30 PM**

**CAMPUS: SURVEY NO. 13/2, KATOL ROAD, NEAR FETRI, MAHURZARI, NAGPUR, MAHARASHTRA 441501**

Institute Innovation Cell of Nagpur Institute of Technology, Nagpur (NIT-IIC) successfully conducted "Online Impact Lecture Series-2022" as an Initiative of Ministry of Education Innovation Cell (MIC) Experts talked on MSME schemes and Startup & linkages.

**Resource Persons**

- 1) Shri. Rahul Mishra, Asst. Director of MSME-DI, Nagpur
- 2) Dr. Rajesh Singh, Director, Board of Innovations, Incubation and Linkages, RTMNU, Nagpur



Mr. Amit Bhoyar Alumni of IT dept is doing his MS from Politecnico di Torino Italy In space exploration and development system. He has also completed his internship from-

Thales Alenia Space and Altec (ESA, Italy)

INTERNSHIP AT ISAR SUPAERO ( CNES, France)

Internship at ASI Italian Space agency (ESA, Italy)

Internship at British Space agency, UK



Mr.Yogesh Dhamge, Alumni of Civil Engg 2021 batch has been selected for PG in Construction Project Management at Heriot Watt University, Edinburgh, Scotland

Dr Jagdish G Chaudhari has Contributed a Book Chapter based on Recent Advancement in Battery Energy Storage System in The book Planning of Hybrid Renewable Energy Systems, Electric Vehicles and Microgrid published by Springer in July 2022

## Congratulations!

Dear Jagdish Chaudhari,

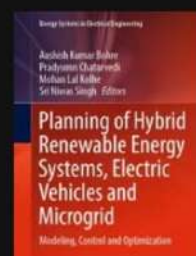
Congratulations! The eBook you contributed to has been published on SpringerLink\* – our content platform, which offers customers and library patrons access to your publication at their workplace, home or wherever they want to read it. Readers who prefer a printed edition of your book will be able to order it from SpringerLink shortly.

We would like to extend our best wishes for the success of your new publication and hope you enjoyed working with us.

**Planning of Hybrid Renewable Energy Systems, Electric Vehicles and Microgrid**

eBook ISBN  
978-981-19-0979-5

Print ISBN  
978-981-19-0978-8





Two students of Information Technology Department are in the list of University Toppers for the 6th Semester Examination S-22.  
2nd University Topper- Mr.Kaushik Hiranwar got 9.93 SGPA  
4th University Topper- Ms.Chetana Katare got 9.85 SGPA.



“Industry Academia Collaboration Meet-2022” – organised by L&T EduTech- held on 23rd Aug at Hotel Radisson Blu.



Dr Amol Deshmukh received IDOLS of Maharashtra Award by Sakal Media





## CERTIFICATE of Appreciation

THIS CERTIFICATE IS PROUDLY PRESENTED  
FOR HONORABLE ACHIEVEMENT TO

**ADITYA NANAJI TURANKAR**  
**INTERNATIONAL BEST RESEARCHER AWARD**  
*In the field* Image Processing

**IIRA 2022**

We acknowledge and respect your achievement for the devoting talent,  
effort & performance towards the outstanding contribution in research &  
academics



Mr. MANIRAJ M  
MANAGING DIRECTOR  
ISSN AWARDS

Prof Aditya Turankar  
received International Best  
Researcher Award-  
powered by Oxford  
Research News, Zee News,  
Times of Research

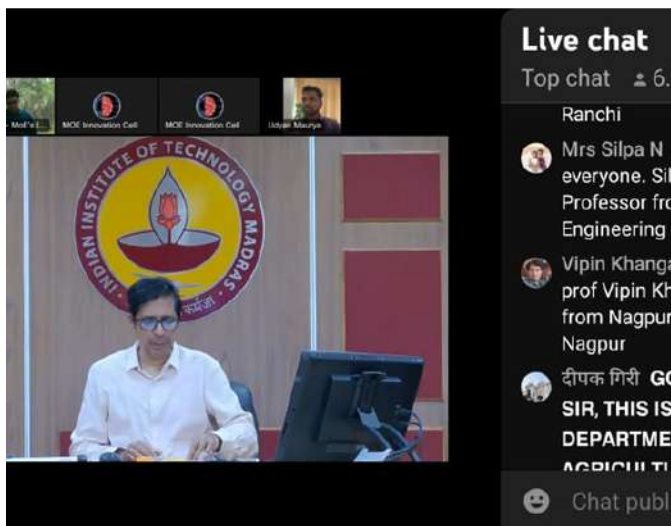
Press News of the Week -  
Sakal newspaper -Media  
and SAAM TV's "Idols of  
Maharashtra- Working  
Professionals Icon- 2022"  
Awards are declared.  
Dr.Amol Deshmukh is one  
of the Awardee.  
The Award ceremony will  
be there soon.



Nagpur Institute of Technology got  
recognised by Ministry of Education's  
Innovation Cell and AICTE for  
establishing Institute Innovation  
Council (IIC) at NIT.



BEFY 1st sem results (Winter 2021) are announced. Our results are 100% with First University Ranker - Ms Khushi Gupta- having 10 SGPA (only one student is having 10 SGPA) in University. 45 students are above 9 SGPA.



Students and faculty members have attended Online Webinar on "Out of the Box Thinking" delivered by Prof. V. Kamakoti, Director, IIT Madras. Activity was driven by Ministry of Education's Innovation Cell (MIC)

Arpan Mandal student of 5th sem Information Technology Department got selected from phase 1 IGC Drill & Guard of Honour competition held at NCC Headquarter Pune.



Institute got recognition for Highest KLIC ADMISSIONS Enrolled From Exclusive KLIC Network for MKCL.



B. Tech Second semester result is 100%.

First University topper is from our Institute- Kashish Bajirao-10 SGPA-749/750

141 students are having 9 SGPA and above....

26 students are having 10 SGPA.....

First Five University toppers are from NIT



Prof. Jagdish Pimple has been nominated for Global Faculty Award 2022

**B. Tech Second Semester Result is 100%.**

**Ms. Kashish Bajirao**  
(10 SGPA-749/750)

141 students are having 9 SGPA and above....  
26 students are having 10 SGPA.....

**First Five University Toppers**

Rank	Student Name	SGPA
1st	Ms. Kashish Bajirao	10 SGPA
2nd	Ms. Khushi Gour	10 SGPA
3rd	Mr. Yash Jogi	10 SGPA
4th	Ms. Tanya Patil	10 SGPA
4th	Mr. Anush Baheshwar	10 SGPA
4th	Ms. Khushi Gupta	10 SGPA
5th	Ms. Shilpa Adikne	10 SGPA

Campus : Survey No. 13/2, Mahurzari, Near Fetri, Katol Road, Nagpur-441501. ☎ 7875519007, 9834326754

Student Achievement  
Bhagyashree Wanjari, Civil Engg student is First University topper from 4th semester Civil Engineering.

#### GLOBAL FACULTY AWARD 2022

Dear Award Winner

**NAME:** Mr. JAGDISH PIMPLE  
**NOMINATION ID:** GFA22IN0070

Greetings from AKS!

I wish to congratulate you for having been selected for the 3rd edition of the most prestigious **GLOBAL FACULTY AWARD 2022** on the basis of your nomination & merit. The details follow:

**EVENT:** Global Faculty Conclave & Award  
**DATE:** January 29, 2023; 11 am Indian Time.

**VENUE:** Virtual

**LAST DATE TO REGISTER:** 07.01.23



Dr Amol Deshmukh has been recognised as Mentor for the NPTEL Online Certification Course on Accreditation and Outcome Based Learning by NPTEL



Dr. Amol Deshmukh has been nominated as Special Session Chair for International Conference on Intelligent Systems and Applications - organised by MIT World Peace University, Pune

Call for Papers  
2<sup>nd</sup> International Conference on Intelligent Systems and Applications (ICISA)  
May 3-5, 2023

Special Session on  
Biomedical Engineering and Healthcare Technologies

#### Introduction:

The track on Biomedical Engineering and Healthcare Technologies will gather a multi-disciplinary group consisting of researchers and engineers, managers, students and practitioners from the applied engineering domain, medical arena, and other allied fields to discuss the ways that innovation, knowledge exchange and enterpriser can be applied to



02 projects of students got selected at Indian Science Congress.

Institute has been recognised for participation in the Pride of India Expo held at ISC



Rushikesh Mule (CSE Dept) and Atharva Deshmukh(IT) got place in RTMNU Merit List

No in Order of Merit	Roll No.	Name of Students	CGPA	College Code	College/ Dept.
<b>BRANCH FIRE ENGINEERING</b>					
I	383141	AMAN	9.61	3	National Fire Service College Nagpur
II	383153	DIVYA TONIK	9.42	3	National Fire Service College Nagpur
III	383136	ABHISHEK CHAUDHARY	9.37	3	National Fire Service College Nagpur
III	383138	AISHWARYA GUPTA	9.37	3	National Fire Service College Nagpur
<b>COMPUTER SCIENCE ENGINEERING</b>					
I	380982	KIRAN MAHESH KUMAR ASSUDANI	9.81	407	Jhulelal Institute Of Tech. Nagpur
II	380600	AYUSHI ARUN MOREY	9.79	289	Government College Of Engg. Nagpur
II	380626	SANJANA SANDIP MAHAPATRA	9.79	289	Government College Of Engg. Nagpur
III	380610	MAITREYE DEBASHISH ROY	9.77	289	Government College Of Engg. Nagpur
IV	380845	ANJALI GAIKWAD	9.71	317	S.B Jain Instt. Of Technology Mngt. & Res. Nagpur
IV	380981	KHUSHI DINESH SAHU	9.71	407	Jhulelal Institute Of Tech. Nagpur
IV	381070	RONAK DEENDAYAL LALWANI	9.71	407	Jhulelal Institute Of Tech. Nagpur
V	380007	HARSHA DULHANI	9.69	263	Rajiv Gandhi College Of Engg. & Res. Nagpur
VI	380844	AMISHA AJIT UDAPURKAR	9.67	317	S.B Jain Instt. Of Tech. Mngt. & Res. Nagpur
VII	380630	VAISHNAVI MAROTI	9.65	289	Government College Of Engg. Nagpur
VIII	380862	RITIKA ASHOK BODHALE	9.63	317	S.B Jain Instt. Of Technology Mngt. & Res. Nagpur
VIII	380823	RUSHIKESH MANISH MULE	9.63	315	Nagpur Instt. Of Tech. Nagpur
IX	379668	SARSHI DILIP PINJARKAR	9.62	153	Priyadarshini Bhagwati College Of Engg. Nagpur
IX	379572	JAGDEEP SINGH ARORA	9.62	16	Anjuman College Of Engg. Nagpur
X	380618	RADHIKA RAJESH EDLABADKAR	9.60	289	Government College Of Engg. Nagpur
X	380632	VEDASHREE ANANT RANADE	9.60	289	Government College Of Engg. Nagpur
X	380458	SHRITISH SHRIKANT SHETE	9.60	278	Priyadarshini College Of Engg. Nagpur

No in Order of Merit	Roll No.	Name of Students	CGPA	College Code	College/ Dept.
<b>BRANCH INFORMATION TECHNOLOGY</b>					
I	382213	KASHISH SUNIL BAWANKULE	9.96	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
II	382279	TANMAY ABHAYSINGH CHAUHAN	9.71	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
III	382212	HIMANI MAHENDRA RAUT	9.67	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
IV	382222	PRAPTI JAYANT DARVEKAR	9.58	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
IV	382242	ADITYA RAVINDRA PANDE	9.58	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
IV	382136	CHAITANYA PRAKASH DABLI	9.58	278	Priyadarshini College Of Engg. Nagpur
V	381760	BHAVESH SHIVDAS AMBAGADE	9.55	135	K.D.K College Of Engg. Nagpur
VI	382563	DARSHANA KISHOR ASHTANKAR	9.51	690	Datta Meghe Instt. Of Engg. Tech & Res. Wardha
VI	382142	HARSHWARDHAN BAGDE	9.51	278	Priyadarshini College Of Engg. Nagpur
VI	382163	PRANAY KISHOR PATHRABE	9.51	278	Priyadarshini College Of Engg. Nagpur
VII	381914	GAURAV DILIP MATTE	9.49	263	Rajiv Gandhi College Of Engg. & Res. Nagpur
VIII	382065	ANKITA KRISHNA KUKUDKAR	9.47	278	Priyadarshini College Of Engg. Nagpur
VIII	382246	BHAVESH SANJAY SONEWALE	9.47	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
IX	382210	ANUSHKA SURESH THAKRE	9.45	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
IX	382245	BHAVESH ARVIND MOON	9.45	287	St. Vincent Pallotti College Of Engg. & Tech. Nagpur
IX	382365	ATHARVA SHYAM DESHMUKH	9.45	315	Nagpur Instt. Of Tech. Nagpur
X	381752	VAISHALI SANJAY MASURKAR	9.42	135	K.D.K College Of Engg. Nagpur
X	381754	ABHINAV PRABHAKAR MASANE	9.42	135	K.D.K College Of Engg. Nagpur



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

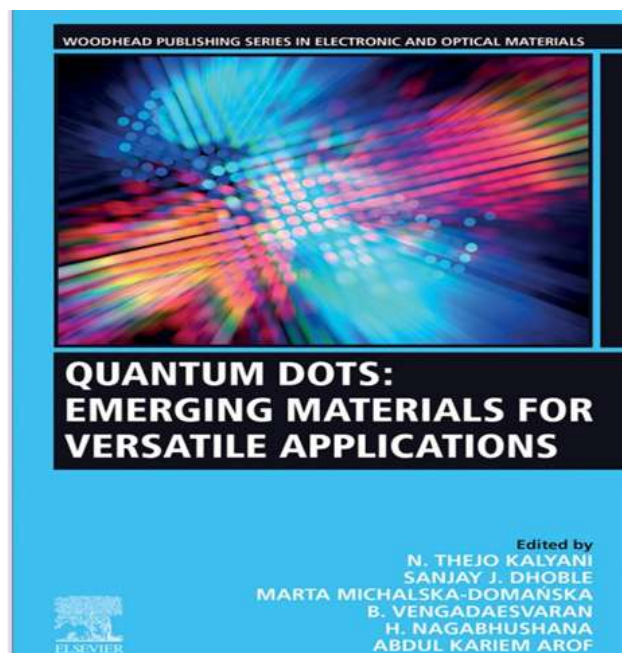
INTELLECTUAL PROPERTY INDIA  
INDIAN PATENT, DESIGN & TRADE MARKS

Application Details	
APPLICATION NUMBER	202121028127
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/06/2021
APPLICANT NAME	1. BODHE ARVIND BABURAO 2. KALBANDE VIJAY N. 3. DETHE PRAGATI D. 4. GADGE PADMANABH A 5. VISHWAKARMA ANOOP KUMAR
TITLE OF INVENTION	GAS BURNER FOR FULKA/CHAPATI MAKING.
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	bodhe2013@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/12/2022

Application Status

Dr. Vijay Kalbande has published a patent on “Gas Burner for Fulka/Chapati Making”

The Book Chapter titled “Quantum Dots: A Brief Review” authored by Dr Amol Deshmukh, Dr Jitendra Bhaishwar, Prof Dhiraj Meghe has been published in the book, “Quantum Dots: Emerging Materials for Versatile Applications” - published by prestigious “Elsevier and Wood head Publishing”. (ISBN-978-0-323-85278-4).



Our MKCL training center has received Festival Bonanza Award and reward sum of Rs 4248/-.

S.No.	Type	Mandatory Admission Course	Min Admission Required	Reserve Amount(₹)	Applicability Period	Credit Date	Award Amt(₹)	TDS(₹)	Net Amt(₹)	Utilized Amt(₹)	Balance (₹)
1.	Festival Bonanza Award 2022 - Disbursement Phase I		0	0.0-0.0	23-01-2023 - 31-03-2023	23-01-2023	0.0	0.0	4248.0	0.0	4248.0



Nagpur Institute of Technology in association with MSME - DFO, Nagpur, Ministry of MSME, Govt of India, organised National Level Webinar on “MSME Sustainable (ZED) Certification Scheme”



Mr. Arpan Mandal, our student of 3rd year IT has got a distinct honour as he has been represented Maharashtra State at Republic Day Parade and other events at Delhi. He got Award of Best Directorate in March Past and PM Rally.



Department of IT - Final year got first prize on project-based research paper presented at National Conference held at Govindrao Wanjari College of Engineering Nagpur.



**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY**  
Established by Government of Central Provinces Education Department by No. Notification No.513 dated the 1<sup>st</sup> of August 1923 & presently a State University governed by M.P.U. Act 2016 (Mah.Act No. VI of 2017)

**Reaccreditation by NAAC 'A' Grade**  
**OFFICE OF INNOVATION, INCUBATION AND LINKAGES**  
Mahatma Jyotiba Fule Education Campus, Amravati Road, Nagpur-440 033 (INDIA)

Dr. Rajesh Singh M. 9422840360 email:diartrtmnu2017@gmail.com  
Director

No. RTMNU/IL/RGSTC/P/2023/662  
Date: 3<sup>rd</sup> May, 2023

**Sanction Order**

Subject: Financial sanction of the research project titled "Urolytic Hydro-Gas Powered Generator," under RGSTC Scheme "Assistance for S&T Applications through University System" at Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur release of 1<sup>st</sup> installment of grant.

Reference: Sanction Order No.RGSTC/File-2019/RTMNU/CR-99/171, dated 27<sup>th</sup> September, 2021.

Sir/Madam,

I am directed to convey the sanction of the research project under scheme of Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra. Science and Technology for socio-economic development is a primary focus of the activities of RGSTC. The Commission has been supporting projects of Science and Technology Applications and of Innovative nature. To spread the culture of doing meaningful Research and Development and take up projects of S&T applications. The Expert Committee has recommendation and approved the Research Project to be undertaken by Mr. Rupak Vijayrao Lonare, Principal Investigator, Department of Electrical Engineering, Nagpur Institute of Technology, Survey No. 13/2, Katal Road Near Fetri, Mahurzari, Nagpur-441501 is hereby accorded to the above-mentioned project at a total cost of Rs. 2,45,000/- (Rs.Two Lakh forty five thousand only) for the period of two years. An amount of Rs. 2,30,000/- (Rs. Two Lakh thirty thousand only) is presently being sanctioned as the first installment.

Sr. No.	Head	1 <sup>st</sup> Year Amount	2 <sup>nd</sup> Year Amount	Total
A	Non-recurring			
1	Equipment (Experimental Setup)	2,00,000	00	2,00,000
A	Total (Non-Recurring)	2,00,000	00	2,00,000
B	Recurring Item			
1	Contingency	5,000	10,000	15,000
2	Travel	5,000	5,000	10,000
3	Consumables	20,000	00	20,000
B	Total (Recurring)	30,000	15,000	45,000
C	Total cost of the project ('A' + 'B')	2,30,000	15,000	2,45,000

Total amount for the project: Rs.2,45,000/-

*Rajesh Singh*

We have received research grant of Rs 2.45 lacs from RTMNU (Rajiv Gandhi Science and Technology Commission-RGSTC).



Mr Arpan Mandal got felicitated in the program of RDC cadets who helped Maharashtra contingent to win the PM banner 2023 by NCC.



### NCC GOLDEN GROUP, NAGPUR



Members of NCC Golden Group, Nagpur ( a Alumni Association of Nagpur) request the pleasure of your company on Seminar on How to join Defence Services and Felicitatoin of NCC RDC cadets 2023 Nagpur Group at Dr. Babasaheb Ambedkar College, Dadasaheb Kumbhare Hall, Deeksha Bhumi, Nagpur, On 12th February 2023 at 09.15 hrs.

#### Chief Guest

Col. P. E. Sagar Lal, Officiating Group Commander

#### Guest

Col. Vishal Mishra, 4 Mah BN

Col. Pravin Sharma, Admn. Officer

Col. Amol Chandina, CO 20 Mah BN

Col. D. B. Rai, CO 2 MAH Sig. Co

Col. Soenwal, CO, 2 Arty NCC

Shri. Anurag Jain, IPS, DCP Zone-I

Dr. Smt. B. A. Mehre, Principal, Dr. Ambedkar College

#### RSVP

Sudhir B. Deogirkar

NCC Golden Group, Nagpur

(M) 9423678316

Mr.Nadeem Khan, Alumni of Mechanical Engg. Department, secured first position at Country Global Student Entrepreneur Award which was held at Pune. Also, he is selected for Global quarter finals and will represent India at South Asia.



NIT has established "Industry Center of Excellence" and also signed MoU with EduSkills Foundation.

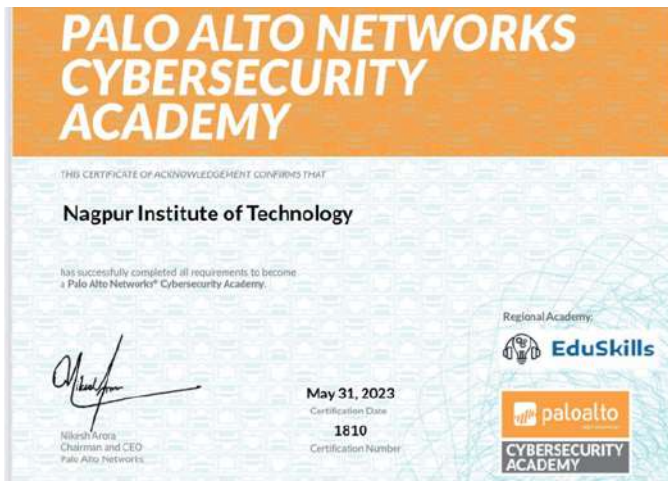




Ms. Nimisha Wankhede, 6th semester student participated in YIN program organised by Sakal newspaper at Delhi. She delivered lecture on Self Defence.



Students of 8th Semester Electrical Engineering received 2nd Prize at Infotsav 2k23- Project competition organised by GNIET, Nagpur.



NIT got the status as “PALO ALTO NETWORKS CYBER SECURITY ACADEMY”. Palo Alto is a prestigious software company.

NIT has been recognised by National Institutional Ranking Framework (NIRF) - Ministry of Education for Innovation category participation.





NIT has officially signed MoU with EduSkills Foundation for establishing Center of Excellence.



NIT has been recognised for participation in IEI- Paryavaran Saathi Award 2023, organised by The Institution of Engineers (India) for the contribution towards Environmental Protection and Awareness.



Final year students of Mechanical Engineering participated in Project Competition at Suryodaya College of Engineering, Nagpur. Project was guided by Prof. A. S. Dhunde & Prof. V. Khangar.



Mr. Harish Lokhande- Alumni of ME Dept got "Champion Award" by Dassault Systems





Prof. Abhijeet Raut has collaborated with VSPM Dental college for Techno-Med R&D project on “Device Development in Oral Submucous Fibrosis”



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Date: 13/6/2023

To,  
**Samrat Kavishwar**  
MTech, PhD Pursuing  
Assistant Professor  
Nagpur Institute of Technology  
Near Fetri, Mahurzari Katol Road, Nagpur, Inida

**Subject : Letter of Acceptance with brief note on role and responsibilities**

**Dear Samrat Kavishwar,**

This is to inform that your profile is accepted for the role of an editor with **Unique Editor Id "IIPER1679804546"** for the edited book series titled **"Futuristic Trends in Mechanical Engineering"** with Series Code **IIPV3EBS01\_G40**

Please note the series code suffixed with book series title. This is uniquely allotted for the book series to be published under your editorship.

**Team of FOUR editors including you** is constituted to bring this edited book series from the stage of publicity to successful publication of quality chapters. Following Members will join along with your team as co editors with equal responsibilities.

**Samrat Kavishwar**  
MTech, PhD Pursuing  
Assistant Professor  
Nagpur Institute of Technology  
Near Fetri, Mahurzari Katol Road, Nagpur, Inida.



Prof. Samrat Kavishwar has worked as Chief Editor for the book series titled “Futuristic Trends in Mechanical Engineering” in IIP Series.



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GEOGRAPHICAL INDICATIONS

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GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE  
पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 of The Patents Rules)

क्रमांक : 022122997  
SL No :

पेटेंट सं. / Patent No. : 424200

आवेदन सं. / Application No. : 4972/MUM/2015

फाइल करने की तारीख / Date of Filing : 30/12/2015

पेटेंटी / Patentee : 1.G. H. R. Labs and Research Centre 2.G. H. Raisoni College of engineering.

आविष्कारक (जहां लागू हो) / Inventor(s) : 1.Jyotiraman De 2.Prof. Abhijeet A. Raut

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित COLLAPSIBLE FATIGUE RELIEVER CARRIER FOR RAILWAY CATERING PERSONNEL नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख दिसम्बर 2015 के तीसरे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled COLLAPSIBLE FATIGUE RELIEVER CARRIER FOR RAILWAY CATERING PERSONNEL as disclosed in the above mentioned application for the term of 20 years from the 30<sup>th</sup> day of December 2015 in accordance with the provisions of the Patents Act, 1970.

**INTELLECTUAL PROPERTY INDIA**  
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GEOGRAPHICAL INDICATIONS

अनुदान की तारीख : 06/03/2023  
Date of Grant :

पेटेंट नियंत्रक  
Controller of Patent

**टिप्पणी** - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, दिसम्बर 2017 के तीसरे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।  
**Note.** - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 30<sup>th</sup> day of December 2017 and on the same day in every year thereafter.

Prof Abhijeet Raut has been granted with a Patent (Patent No. 424200) by Indian Patent Office on Collapsible fatigue reliever carrier for Railway catering personnel.

Mr.Kiran Patankar- Alumni ME Dept and working as Manager at Nagpur Metro Corporation got awarded for "Kaizen Implementation" at the hands of German Consultant- Achim Ludwig





The 03rd Patent of Dr.Amol Deshmukh has been granted by Indian Patent Office (Patent No. 421090) on “Mind Controlled Application Using Electronic Circuits Especially for Wheelchair”




क्रमांक : 022122461  
SL No :



भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE  
पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 of The Patents Rules)

पेटेंट सं. / Patent No. : 421090  
आवेदन सं. / Application No. : 1359/MUM/2013  
फाइल करने की तारीख / Date of Filing : 11/04/2013  
पेटेंटी / Patentee : 1.G.H. RAISONI COLLEGE OF ENGINEERING 2.G.H.R. Labs and Research Centre  
आविष्कारक (जहां लागू हो) / Inventor(s) : 1.Dr. Amol Y. Deshmukh 2.Prof. Shubhangi D Girpunje 3.Chinmay Sanjay Chepurwar 4.Sourabh Sunil Borkar 5.Kashmira Vijay Kotte 6.Ahmad Vilas Peshwe 7.Anjali Anil Khonde 8.Karishma Pawan Chawla

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित MIND CONTROLLED APPLICATION USING ELECTRONIC CIRCUITS ESPECIALLY FOR WHEELCHAIR नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अप्रैल 2013 के म्यारठवे दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदान किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled MIND CONTROLLED APPLICATION USING ELECTRONIC CIRCUITS ESPECIALLY FOR WHEELCHAIR as disclosed in the above mentioned application for the term of 20 years from the 11<sup>th</sup> day of April 2013 in accordance with the provisions of the Patents Act, 1970.

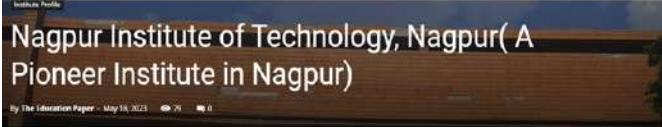


अनुदान की तारीख : 09/02/2023  
Date of Grant : 09/02/2023

नोट - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाय है, अप्रैल 2015 के म्यारठवे दिन को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।  
Note - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 11<sup>th</sup> day of April 2015 and on the same day in every year thereafter.

Controller of Patent

NIT's article has been published by “The Education Paper” ....



By The Education Paper - May 16, 2023

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**N**agpur Institute of Technology, Nagpur (M.S.) is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. It is approved by AICTE New Delhi and DTE, Maharashtra State. Established in 2008, it is accredited by NAAC. Institute is engaged in running various Engineering courses of Degree (Mechanical Engg, Electrical Engg, Civil Engg, Computer Science and Engg, Information Technology) with experienced academicians. It has received Platinum Ranking by AICTE-CII Survey of Best Industry Linked Institutes. It is an authorized Training Center of National Skill Development Corporation (NSDC). It is having official "ICT Academy of Huawei" for HCIA Certifications. It is official Training Center of MKCL. It is having status as Host Institute/Business Incubator of MSME.

It is having Incubation Sub-Center of INCUBETIN- Incubation center of Nagpur University. It has been ranked in Beginner category in ARITA (ATAL Ranking on innovation Achievements by AICTE). It is having Center of Excellence of EduSkills Foundation. It is having MoUs with 30 leading Industries and organizations. It has received research grant from Rajiv Gandhi Education and Technology Promotion Trust to set up Business Incubator of MSME.

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J.G. Chaudhari has been granted with Indian Patent based on Ultra Capacitor and an Advanced Flywheel on 7th October 2022 for a Period of 20 Years from 10th March 2016 with Patent no. 408575.



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PATENT CERTIFICATE  
(Rule 74 of The Patents Rules)

क्रमांक : 022120230  
SL No :

पेटेंट सं. / Patent No. : 408575  
आवेदन सं. / Application No. : 201621008469  
फाइल करने की तारीख / Date of Filing : 10/03/2016  
पेटेदी / Patentee : 1.G. H. R. Labs and Research Centre 2.G. H. Raisonii  
College of engineering.

प्रमाणित किया जाता है कि पेटेदी को, उपरोक्त आवेदन में यथाप्रकटित Ultra-low-frequency low-power oscillator using an ultra-capacitor and an advanced flywheel नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख मार्च 2016 के दसवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled Ultra-low-frequency low-power oscillator using an ultra-capacitor and an advanced flywheel as disclosed in the above mentioned application for the term of 20 years from the 10<sup>th</sup> day of March 2016 in accordance with the provisions of the Patents Act, 1970.

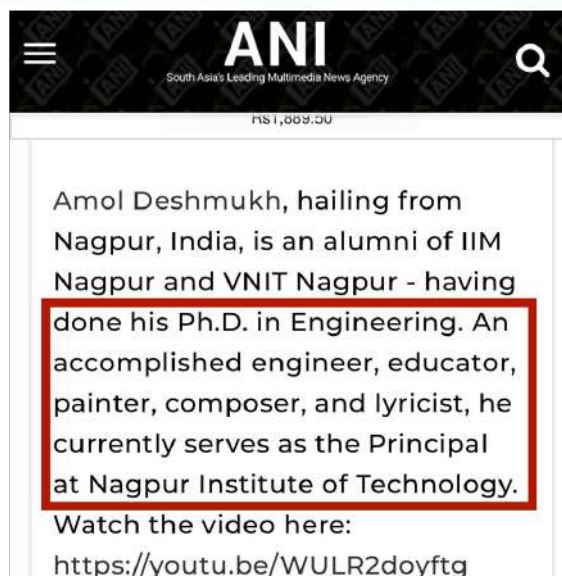
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GEOGRAPHICAL INDICATIONS

अनुदान की तारीख : 07/10/2022  
Date of Grant :

नियन्त्री  
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, मार्च 2018 के दसवें दिन को और उसके परन्तत प्रत्येक वर्ष में उसी दिन देना होगा।  
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 10<sup>th</sup> day of March 2018 and on the same day in every year thereafter.

Dr. Amol Deshmukh Principal of NIT has been featured by ANI News- South Asia's leading news agency.



**ANI**  
South Asia's Leading Multimedia News Agency

ns 1,009.50

Amol Deshmukh, hailing from Nagpur, India, is an alumni of IIM Nagpur and VNIT Nagpur - having done his Ph.D. in Engineering. An accomplished engineer, educator, painter, composer, and lyricist, he currently serves as the Principal at Nagpur Institute of Technology. Watch the video here:  
<https://youtu.be/WULR2doyftg>



# Celebrities & Achievers @NIT



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Indian Cricketer



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Indian Cricketer



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Sairat Fame



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**Dr. Pawan Agrawal (Mumbai Cha Dabewala)**

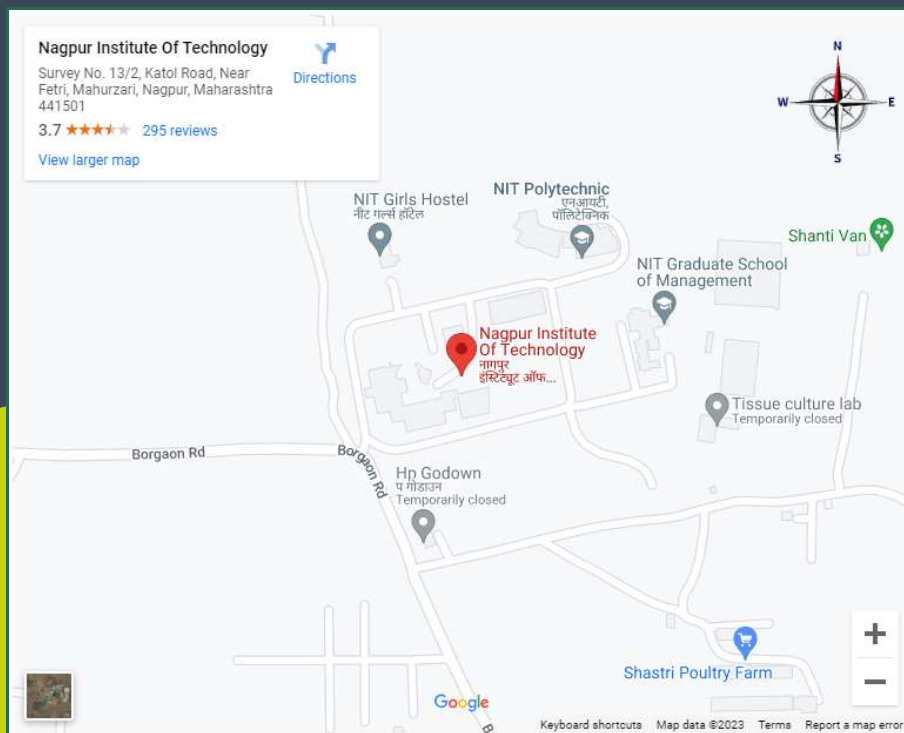


**Shri. Anoop Kumar**









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