



**TULSIRAMJI GAIKWAD-PATIL**  
**Collage of Engineering & Technology**  
**An Autonomous Institute**

**DTE**  
**CODE**  
**4151**

**NAAC Accredited**



**[www.tgpcet.com](http://www.tgpcet.com)**

## **Department of Science and Humanities**

# **KSHITIJ**

**Departmental NEWSLETTER 2023-24**  
**Semester- II**



**B.Tech | B.Arch | M.tech | MBA | MCA | Polytechnic | BAMS | D.Pharm | B.Sc | Nursing | Physiotherapy**

# Vision Mission of the Institute



**“To emerge as a learning Center of Excellence in the National Ethos in domains of Science, Technology and Management”**



- To strive for rearing standard and stature of the students by practicing high standards of professional ethics, transparency and accountability
- To provide facilities and services to meet the challenges of Industry and Society.
- To facilitate socially responsive research, innovation and entrepreneurship.
- To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices.



# Head of Department



**DR. MAMTA TAKARKHEDE**  
**Ph.D (Physics)**  
**Head, Science & Humanities**  
**Department**

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Welcome to Department of Basic Sciences and Humanities. Department is laying the strong foundation for budding engineers, through our determined, devoted dedicated team of young dynamic faculty members. The department enhances students' knowledge, critical thinking, ability to understand the technology and command of analyzing the things in modern society.

Department of Basic Sciences and Humanities plays Vital role in an engineering college to lay a strong foundation of basic principles such as Mathematics Physics, Chemistry and Communication Skills in the mind of the learners. I am confident that the students of the department would justify the credibility of the department by showing a high level of professional competence in their respective field.

I wish Best of Luck to the students.....



# List of Faculty



**Prof. Nadir Husain**  
**M.Sc (Chemistry)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Pranjali Lute**  
**M.Sc (Mathematics)**  
**Assistant Professor, Science & Humanities Department**



**Dr. Atul Jichkar**  
**M.Sc, GATE, SET, PhD**  
**Professor, Science & Humanities Department**



**Dr. Kanchan Gopal**  
**Ph.D (English)**  
**Associate Professor, Science & Humanities Department**



**Prof. Rahul Khobragade**  
**M.Tech (ME)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Rahul Ingle**  
**M.Sc. (Physics)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Nageshwari Sarade**  
**M.Sc (Chemistry)**  
**Assistant Professor, Science & Humanities Department**



# List of Faculty



**Prof. Sachin Waghmare**  
**M.Sc (Mathematics)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Rahul Ghotkar**  
**M.Tech (ME)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Chetna Bansod**  
**MA (English), B.Ed, D.TEd**  
**Assistant Professor, Science & Humanities Department**



**Prof. Meenakshi Tiwari**  
**MSC(Mathematics) and B.Ed.**  
**Assistant Professor, Science & Humanities Department**



**Prof. Pooja Sharma**  
**M.Sc (Mathematics )**  
**Assistant Professor, Science & Humanities Department**



**Prof. Heena Burdakar**  
**M.Sc (Mathematics)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Priyanka Jagtap**  
**M.Sc (Physics)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Amisha Malviya**  
**M.Tech (CAD/CAM)**  
**Assistant Professor, Science & Humanities Department**



**Prof. Radha Yete**  
**MCA**  
**Assistant Professor, Science & Humanities Department**



# Editor Board



**Prof. Kalyani Bhambre**  
**B.E.(IT)**  
**Teaching Assistant, Science &**  
**Humanities Department**

It brings me immense joy & pleasure to introduce the First edition of the departmental NEWSLETTER "KSHITIJ". All the creative energies that came on to this platform in the form of faculty experts & students are finally presenting a replica of their enthusiastic hard work through this extravaganza that has come out so organically. Technical & Arts every section shines out differently in its true sense. All the events conducted throughout the year were perfectly planned & the overwhelming response it received said it all! This piece of art would not have been complete without the sheer determination & perseverance of all the students who pushed their limits every time to bring out this artistic reality. Their efforts coupled with immense support from the faculties truly have done justice to carry on the legacy. I am grateful for all the support NEWSLETTER "KSHITIJ" has received throughout the year in every possible way from the faculties & Students. I hope the readers of NEWSLETTER have a wonderful reading experience & wish this year's edition too receives your love & support like it has always received till date.



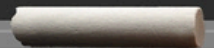
# Industrial Visit's

## LIST OF VISIT'S



1. REGIONAL METROLOGICAL CENTER

2. SAKI AUTO PVT. LTD.





# REGIONAL METEOROLOGICAL CENTER



Department of Basic Science and Humanities has organized an industrial/Outdoor visit at Regional Meteorological Center, Nagpur on 3rd May 2024 for 40 first year students of branch Electronics & Communication Engineering.



- To know the various types of function of equipments .
- To know the fundamental working process involved in the whole procedure.
- To know things practically through interaction, working procedures and employment practices.
- It makes the bridge the gap between classroom theoretical training and practical learning in real life environment.
- The student are able to identify their prospective area of work.
- It enhance students interpersonal skills.



## CONCLUSION

The visit was very fruitful for the students. In summary, Automated Weather equipment process can be challenging and complex, and manufacturers must navigate a range of issues related to raw material availability, design and engineering, production efficiency, quality control, environmental concerns.





Department of Basic Science and Humanities has organized an industrial visit at Saki Auto Products Pvt Ltd-Unit 3 Plot No. C-109, Butibori industrial Area, MIDC, Butibori, Nagpur on 02nd May 2024 for 60 first year students.

## AIM

- To know the various types of produce quality products for varying automobiles.
- To know the fabrication continually improve our products, services and processes.
- To know things practically through interaction, working procedures and employment practices.
- To know the current industrial needs as per the demand.



## conclusion

The visit was very fruitful for the students. We got the knowledge on different types of machines used at Saki Auto pvt ltd.



# Guest Lecture's

## LIST OF GUEST LECTURE/ INDUSTRIAL EXPERT/ WORKSHOP/ FORUM INSTALLATION

1. PARENTS-TEACHER CONCLAVE 2023
2. SELF CONFIDENCE DEVELOPMENT
3. SECRETS OF STRENGTHENING THINKING





# PARENTS-TEACHER CONCLAVE 2023

A Program “Parents-Teacher Conclave 2023” is to be organized by Department of Basic Sciences & Humanities of Tulsiramji Gaikwad Patil College of Engineering and Technology on 22th July 2023.

This Program is used to keep the Parents updated about their child's academic and overall performance. It is crucial that along with teachers, parents should also be involved in their ward's learning process.

**Aim:-** The aim of Parents-Teachers conclave is to provide platform for interaction between the parent and teachers.

## **Objectives:-**

- To elaborate the knowledge about college and autonomy.
- Regular functioning of college activity and innovative practices.
- To distribute students scorecards and to felicitate the rankers.
- To make parents aware about college infrastructure, available courses, and the amenities (such as library, Laboratories, hostel, transport) to the parents.



**Department of Science and Humanities**

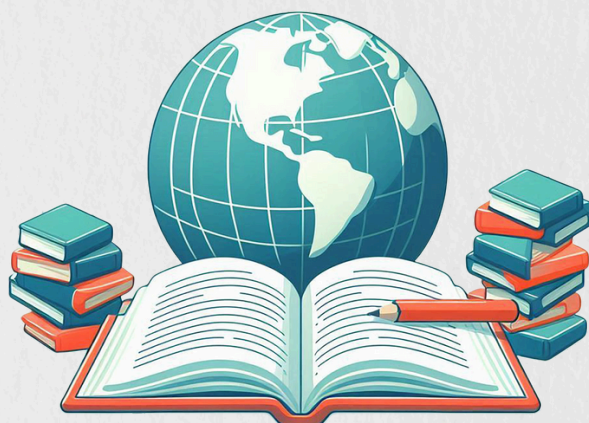


# **SELF CONFIDENCE DEVELOPMENT**

**The guest lecture was organized on 17th August of Dr, Rayalu , Retired Hod M. P. Deo Memorial ScienceCollege, Nagpur. He delivered the motivational speech on “Self Confidence Development.”**

## **Aim:-**

**The aim was to address common psychological challenges faced by students and provide them with insights and strategies to overcome fear, build self-confidence, and cultivate a positive mindset. His speech aimed to inspire students by sharing examples of historical figures who overcame adversity and embraced their own qualities.**



## **Objectives:-**

- **To help students understand the nature of fear, its evolutionary purpose, and how it can both protect and hinder personal growth.**
- **To highlight the concept of inferiority complex and encourage students to recognize and overcome feelings of inadequacy.**
- **To explore the various reasons behind fear, such as past experiences, uncertainty, societal pressures, and more.**
- **To discuss sources of negativity and their impact on students' well-being and success.**
- **To provide strategies for overcoming the fear of rejection and building resilience in the face of setbacks.**



# ► SECRETS OF STRENGTHENING THINKING



The Guest Lecture was organized for Sem-1 students on 17TH August 2023. Dr. Sarika Bahadure, VNIT, Nagpur had delivered the lecture on, “Secrets of Strengthening Thinking.

## **Aim:-**

To enhance students' cognitive abilities and critical thinking skills by introducing them to different types of thinking and providing practical strategies to strengthen their thought processes.



## **Objectives:-**

- Encourage students to set clear goals and objectives for their academic and personal pursuits.
- Instill self-confidence by highlighting the importance of believing in one's abilities and potential.
- Promote the power of positive thinking and its impact on problem-solving and decision-making.
- Help students recognize opportunities in challenges and obstacles, fostering a proactive mindset.
- Provide insights into stress reduction techniques to ensure a clear and focused mind.
- Emphasize the value of dedication and sustained effort in achieving long-term goals.



# Faculty Achievements NPTEL/FDP/NEP



## NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**NADIR AHSAN MUSHTAQUE HUSAIN**

for successfully completing the course  
**Teaching And Learning in Engineering (TALE)**

with a consolidated score of **65 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



(Jan-Feb 2023)

Roll No: NPTEL23GE24535240293

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RFD / FDP through MOOCs / 2017-18

Allowed file size and format



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College of Engineering & Technology

AN AUTONOMOUS INSTITUTE



**GAIKWAD-PATIL**  
GROUP OF INSTITUTIONS



## CERTIFICATE OF PARTICIPATION



This is to certify that **Dr. Mamta Takarkhede** of Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur has actively participated in the Two days Workshop on **Technical Book Writing** organized by **Civil Engineering Department** in association with **ISTE, New Delhi & Institution of Innovation Council** Conducted on 28<sup>th</sup> February to 29<sup>th</sup> February, 2024

We wish him / her all the best for his / her future endeavors.

Dr. Dheeraj Deshmukh  
Program Co-ordinator

Dr. Snehal Abhyankar  
Co-convenor

Prof. Pragati Patil  
Vice Principal

Dr. Premanand Nakode  
Principal

"Achieving Excellence Together"

**A.C.T ACADEMY**  
DIGISKILLS CENTER  
A.C.T ACADEMY,  
REG.NO:03/0147366  
KERALA

## CERTIFICATE OF PARTICIPATION

This certificate is awarded to

**DR. KANCHAN R. GOPAL**

ASSISTANT-PROFESSOR, DEPARTMENT OF BASIC SCIENCE AND HUMANITIES  
TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY  
NAGPUR

for having completed Three Day National Level Online Workshop on "**Vedic Mathematics & Advanced Applications**" on 23, 24 & 27 February 2024 conducted by DIGISKILLS CENTER, A.C.T. Academy, Kerala. Er.M.Gokila, Chennai, served as Trainer/ Resource Person.

PROF. (DR). SOUDAMINI MENON  
Director, A.C.T Academy

K. DEEPIKA  
Chairperson, A.C.T Academy



Samridhi Sarwanik Charitable Trust's  
**JHULELAL INSTITUTE OF TECHNOLOGY**  
An Autonomous Institute affiliated to RTM Nagpur University  
Off Koradi Road, Nagpur-441111



One Week Online Faculty Development Program

on  
**Pedagogical Transformation: NEP 2020**

Organised by  
DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

## Certificate

This is to certify that **Prof. Padmaja Singh, Tulsiramji Gaikwad Patil College of Engineering & Technology Nagpur** has successfully completed **One Week Online Faculty Development Program on Pedagogical Transformation: NEP 2020**, organized by Department of Applied Science & Humanities JIT, Nagpur, from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024.

Dr. Khushbu Sharma  
Co-Convenor

Prof. Gulshan Makkad  
Convener

Dr. Narendra Bawane  
Principal, JIT

Dr. Madhavi Walragade  
Executive Director & Advisor



## Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**AMISHA H MALVIYA**  
for successfully completing the course

**Energy Resources, Economics, and Sustainability**

with a consolidated score of **65 %**

Online Assignments	25/25	Proctored Exam	39.8/75
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Total number of candidates certified in this course: 526

Prof. Kaushik Ghosh,  
Professor (Chemistry)  
Coordinator CEC

Feb-Apr 2024  
(8 week course)

Prof. Ranjana Pathania,  
Professor (BSSE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24HS775462901372

To verify the certificate



No. of credits recommended: 2 or 3



**NIPAM**  
NATIONAL IP AWARENESS MISSION

Government of India  
Ministry of Commerce and Industry  
Department for Promotion of Industry and Internal Trade  
Office of the Controller General of Patents, Designs and Trade Marks

## CERTIFICATE

This is to certify that, **MS. Sanjeevani Babulal Patil** of **MAHATMA GANDHI ART, SCIENCE & LATE N.P COMMERCE COLLEGE, ARMORI** has successfully participated in IP Awareness/Training program under  
**NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION**

**Azadi Ka Amrit Mahotsav**  
on April 30, 2024  
Organized by  
Intellectual Property Office, India

Date: May 20, 2024



Prof. (Dr) Unnat P. Pandit  
CONTROLLER GENERAL OF  
PATENTS, DESIGNS & TRADE MARKS



**Department of Science and Humanities**

# Faculty Achievements NPTEL/FDP/NEP



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One Week Online Faculty Development Program  
on  
**Pedagogical Transformation: NEP 2020**  
Organised by  
DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

*Certificate*

This is to certify that Prof. Anjali Dahikar, Tulsiramji Gaikwad Patil college of Engineering & Technology has successfully completed **One Week Online Faculty Development Program on Pedagogical Transformation: NEP 2020**, organized by Department of Applied Science & Humanities JIT, Nagpur, from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024.

Dr. Khushbu Sharma Co-Convenor  
Prof. Gulshan Makkad Convenor  
Dr. Narendra Bawane Principal, JIT  
Dr. Madhavi Wairagade Executive Director & Advisor

Samridhi Sarwajanik Charitable Trust's  
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DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

*Certificate*

This is to certify that Punam Pralhad Dehankar, Tulsiramji Gaikwad Patil college of Engineering and Technology, Mohgaon has successfully completed **One Week Online Faculty Development Program on Pedagogical Transformation: NEP 2020**, organized by Department of Applied Science & Humanities JIT, Nagpur, from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024.

Dr. Khushbu Sharma Co-Convenor  
Prof. Gulshan Makkad Convenor  
Dr. Narendra Bawane Principal, JIT  
Dr. Madhavi Wairagade Executive Director & Advisor

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One Week Online Faculty Development Program  
on  
**Pedagogical Transformation: NEP 2020**  
Organised by  
DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

*Certificate*

This is to certify that Ashwini keshav Bhojav, Tulsiramji Gaikwad Patil College of Engineering & Technology Nagpur has successfully completed **One Week Online Faculty Development Program on Pedagogical Transformation: NEP 2020**, organized by Department of Applied Science & Humanities JIT, Nagpur, from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024.

Dr. Khushbu Sharma Co-Convenor  
Prof. Gulshan Makkad Convenor  
Dr. Narendra Bawane Principal, JIT  
Dr. Madhavi Wairagade Executive Director & Advisor

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DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

*Certificate*

This is to certify that Nageshwari Milind Sarade, Tulsiramji Gaikwad Patil college of Engineering and Technology has successfully completed **One Week Online Faculty Development Program on Pedagogical Transformation: NEP 2020**, organized by Department of Applied Science & Humanities JIT, Nagpur, from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024.

Dr. Khushbu Sharma Co-Convenor  
Prof. Gulshan Makkad Convenor  
Dr. Narendra Bawane Principal, JIT  
Dr. Madhavi Wairagade Executive Director & Advisor

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DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

*Certificate*

This is to certify that Prof. Poojanka Jagtap, Tulsiramji Gaikwad Patil college of Engineering has successfully completed **One Week Online Faculty Development Program on Pedagogical Transformation: NEP 2020**, organized by Department of Applied Science & Humanities JIT, Nagpur, from 29<sup>th</sup> January to 02<sup>nd</sup> February 2024.

Dr. Khushbu Sharma Co-Convenor  
Prof. Gulshan Makkad Convenor  
Dr. Narendra Bawane Principal, JIT  
Dr. Madhavi Wairagade Executive Director & Advisor



## ‘वैदिक गणित’ या विषयावर दोन दिवसीय कार्यशाळा गायकवाड इंजिनिअरिंग कॉलेजात संपन्न

मधुसूदन घारे

गुणगार : मूलभूत विज्ञान आणि मानविकी विभागाच्या वतीने तुळशीरामजी गायकवाड पाटील कॉलेज ऑफ इंजिनिअरिंग अँड टेक्नॉलॉजीची मोठ्याच नागपूर येथील वेआरटी हॉल हॉल येथे वैदिक गणित या विषयावर दोन दिवसीय कार्यशाळेचे आयोजित करण्यात आले होते. या कार्यक्रमाचे उद्दिष्ट विद्यार्थ्यांना नवीन गणितीय कौशल्ये, पोरने आणि टुट्टीकोनांसह सहाय करणे असून त्यांना शैक्षणिक, व्यावसायिक आणि वैयक्तिकरित्या फायदा होऊ शकेल. कार्यक्रमात माननीय प्रमुख पाहुणे म्हणून स्वर्गीय वंदनखेडे आणि स्वागत वंदनखेडे, एस जेड एसपीएल इन्टरनॅशनलचे संस्थापक आणि संचालक नागपूर, डॉ. पी. एल. नाकतोडे, प्राचार्य, टीबीपीसीटी, उपप्राचार्य प्रा. प्रगती पाटील, डॉ. ममता टाकरखेडे आणि प्रा. नादिर हुसेन, एअरफोर्स आदी मान्यवर उपस्थित होते. प्रास्ताविक टीबीपीसीटीचे प्राचार्य

डॉ. पी. एल. नाकतोडे यांनी केले. गणितातील समस्ये सोडवण्याची कौशल्ये वाढवण्यासाठी त्यांनी वैदिक गणिताचे महत्त्व स्पष्ट केले. सत्रातून प्रारंभ करताना गायकवाड पदवीचे वैदिक गणिताच्या रहस्यावर (वाचक, परिचय आणि सूत्रे) यावर प्रमुख पाहुणे स्वर्गीय वंदनखेडे यांनी वैदिक धर्मशास्त्रातून घेतलेल्या गणिताच्या विविध दृष्ट्यांशी संबंधित प्रश्नांच्याकडे प्रत्यक्षने विद्यार्थ्यांना मार्गदर्शक केले. ईश्वरीय गणित वैदिक गणिताचे व्यावहारिक उपयोगी दाखवून, वर्ग शोषण्यासाठी आणि गुणाकार सुलभ करण्यासाठी त्यांनी कल्पना पद्धती स्पष्ट केल्या. पुढे हे सत्र माननीय प्रमुख पाहुणे यांनी चालू केले. स्वागत वंदनखेडे यांनी गुणाकार संकल्पना स्पष्ट करण्यासाठी तिचे माहितीपूर्ण तंत्र, विशेषतः रंगोलीच्या नमुन्याचा वापर करून दाखवले. दुसऱ्या दिवशीच्या दुसऱ्या



सत्रात भारतीय गणिताच्या जीवनातील लक्षकरावकीची शक्ती या विषयावर स्वर्गीय वंदनखेडे यांनी सकारात्मकतेच्या परिधानीय शक्तीचा अभ्यास केला. प्रख्यात गणितात समानुबन्ध यांच्या जीवनाचा अभ्यास करून वंदनखेडे यांनी कल्पिका आणि दृष्टिकोनाची कथा उलगडली. कदंब वीरक शेट्टर अर अर्थात सर्वात परीक्षेच्या दुसऱ्या दिवसाच्या तिसऱ्या सत्रात वैदिक गणिताबारे

वेरीर आणि वजाबाकीच्या तत्वांशी संबंधित विषया स्पष्टीकरणाचे शोधांना मोहित केले आणि गणिताच्या क्रियांचे एक नवीन दृष्टीकोन प्रदान केला. सत्राच्या शेवटी मूलभूतपणे गणित या विषयावर आले. या कार्यक्रमाची सांगता एका श्रुतिप्रसंगी संदेशाने झाली: एकच यत्नाची जगती होण्यासाठी, जगतीने सतत उत्कृष्टतेसाठी प्रयत्न केले पाहिजेत आणि कठोर परिश्रम आणि समर्पणाने मूल्य आत्मसात केले पाहिजेत. समारोभाचे विवेचन डॉ. ममता टाकरखेडे, एअरफोर्स, प्रथम वर्ग यांनी केले. प्रा. पूजा शर्मा आणि प्रा. मीनाक्षी विहारी, सार्वजनिक केंद्रे, वाळवी शेंदरे, शिनेबरी बाबा आणि प्रतीक पट्टमाचे यांनी सूत्रसंचालनाची दृष्टा सांगितली. रोहित बखरे आणि शिवा भगत यांनी आभार मानले. तर, कार्यक्रमाची सांगता संपुष्टात जाऊन करण्यात आली.

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LOKMAT TIMES

## Intl meet on Indian Knowledge System and Science begins



The guests during the inauguration of an international conference organised by TGPCT.

The 10th international conference on Indian Knowledge System Science and Spirituality for Advancing Technology (IC-IKSAT 2K24) began at Tulsi-ramji Gaikwad-Patil College of Engineering & Technology (TGPCT) on Friday. The inaugural function commenced at Brahmakumari's Vishwa Shanti Sarovar, Nagpur, with

the traditional lamp lighting ceremony. The chief guest, BK Bala Kishor Batchu, Zisis Rou-sopoulos and Dr Sachin L Borse expressed their thoughts. Chairman GPGL, Nagpur Dr Mohan Gaikwad-Patil, vice-chairman Akash Gaikwad Patil, treasurer Dr Sandeep Gaikwad and vice-principal Prof Pragati Patil were present on the occasion.

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LOKMAT TIMES • Anchor

## ‘Vedic Mathematics important to enhance problem-solving skills’

TGPCT organises workshop on Vedic Mathematics

LOKMAT NEWS NETWORK  
NAGPUR

Principal of TGPCT, Dr P L Naktode, has said that Vedic Mathematics is extremely important for enhancing mathematical problem-solving skills.

He was speaking during the inauguration of a two-day workshop on Vedic Mathematics organised by Department of Basic Sciences and Humanities of Tulsi-ramji Gaikwad-Patil College of Engineering and Technology at JRD Tata Hall recently.

Founders of S&SPL Swapnil Chandankhede said various mathematical tricks



Dignitaries during a two-day workshop on Vedic Mathematics organised by TGPCT at JRD Tata Hall.

can be derived from Vedic Scriptures. He captivated the students with ingenious methods of finding squares and simplifying multiplication, demonstrating the practical applications of Vedic maths in everyday calculations.

Swapnil Chandankhede during his talk on the topic 'The Power of Positivity From the Life of Indian Mathematicians' delved into the transformative power of positivity. Through the life of the legendary Math-

ematician Ramanujan, Chandankhede he unfolded a narrative of resilience and determination.

Chief guest Swagata Chandankhede showcased innovative techniques, particularly the utilisation of rangoli patterns to elucidate multiplication concepts.

While dealing with the topic 'The Math Magic Show' she captivated the students with her explanation of the principles

of addition and subtraction through Vedic Mathematics offering a fresh perspective on mathematical operations. Post-Evaluation test was conducted at the end of the session.

Principal of TGPCT, Dr P L Naktode, vice-principal, TGPCT, Prof Pragati Patil, Dr Mamta Takarkhede and head (first year) Prof. Nadir Husain and a large number of students were present on this occasion.

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लोक्सत्ता  
लोकमान्य लोकशक्ती

## गायकवाड अभियांत्रिकीत व्यक्तिमत्त्व विकास कार्यशाळा

तुळशीरामजी गायकवाड-पाटील कॉलेज ऑफ इंजिनिअरिंग अँड टेक्नॉलॉजीच्या मूलभूत विज्ञान विभागाच्यावतीने १३ जुलैला एकात्मिक व्यक्तिमत्त्व विकास अभ्यासक्रमावर कार्यशाळा पार पडली. प्रमुख पाहुणे म्हणून प्रा. हरिकृष्ण गोहिल (सुरत), प्राचार्य डॉ. पी.एल. नाकतोडे, उपप्राचार्य डॉ. प्रगती पाटील, उपप्राचार्य, डॉ. ममता टाकरखेडे, प्रा. नादिर हुसेन उपस्थित होते. प्रा. अनुप गाडे यांचे समारोपीय भाषण झाले.

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Department of Science and Humanities

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LOKMAT TIMES

## Community News

## Annual social gathering Utkarsh-2K24 held at TGPCT



The guests during inaugural function of annual social gathering Utkarsh-2K24 at TGPCT.

The annual social gathering Utkarsh-2K24 of Tulsi-ramji Gaikwad-Patil College of Engineering and Technology (TGPCT) was celebrated recently. The inauguration of the annual social gathering took place at the hands of executive director of Maha-Metro Naresh Gurbani, principal of St Clare School Dr Vandana Benjamin and RJ Nisha in

the presence of vice-chairman Akash Gaikwad Patil, treasurer Dr Sandeep Gaikwad, principal Dr P L Naktode, principal Prof Vandana Khante, vice-principal Prof Pragati Patil, staff members and students. On the last day, the prize distribution function took place in presence of Priyanka Giripunj, the Mrs India Global Queen, RJ Nisha and others. The event concluded with the vote of thanks.

# Glimpse of Tour

## Ramtek & Khindsi lake



# Glimpse of Birthday Celebration



**Department of Science and Humanities**

# Glimpse

