

THE MECH SPECTRUM

A

Newsletter

from

Department of Mechanical Engineering

Academic Year: 2025-26

**Tatyasaheb Kore Institute of Engineering and
Technology (Diploma),
Warananagar**



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Ms.A.V.PATIL
Staff Editor

Mr.P.V.CHAVAN
Head of Mechanical Engineering Department

CHAIRMAN MESSAGE



Hon. Dr. Vinay Kore (Savakar Saheb)
Chairman
Shree Warana Vibhag Shikshan Mandal
Warananagar

TKIET (Polytechnic) is committed to provide quality education to the students enabling them to excel in the fields of Science, Engineering & Technology to cater the changing & challenging needs of society and industry.

CEO MESSAGE



Hon. DR. Vilas V. Karjinni
Chief Executive Officer
Shree Warana Vibhag Shikshan Mandal
Warananagar

It gives me immense pleasure to present before you - the academic world of Shree Warana Vibhag Shikshan Mandal & TKIETP, Warananagar

the belief envisioned creating better human beings, with roots embedded in strong academics. It is our endeavor to make a far-reaching and positive impact on the economies of the nation, through developing rural students by providing quality education.

We disseminate knowledge, encourage learning, and motivate students for participating in to co & extra-curricular activities to ensure overall development.

The eco-friendly campus, state-of-the-art infrastructure, enriched libraries, equipped laboratories, advanced tools of ICT and dedicated faculties helps students in attaining highest standards.

We are stanch to endow our students with latest knowledge and skills in the milieu of Indian culture and values to enable them to face challenges of life.

Thank you!

PRINCIPAL MESSAGE



Prof. Prashant R Patil
Principal
T.K.I.E.T. (Polytechnic),
Warananagar

Welcome to TKIET (Polytechnic), Warananagar...!!!!

TKIET Polytechnic was established in the year 2016 and managed by Shree Warana Vibhag

Shikshan Mandals (SWVSM). The Institute is approved by AICTE, New Delhi and affiliated to Maharashtra State Board of Technical Education, Mumbai. The Institution is the realization of the vision of our leader late Shri Tatyasaheb Kore to cater Quality Engineering education to the students. The Institute is committed to producing all round engineers to drive the country through the 21st century.

The Institute offers four courses with intake 180 at First Year Engineering Level, 10% of the first year intake for Direct Second Year (only through CAP round).. The Institute provides various scholarships and Post Graduate Fellowships to the meritorious students of its own resources. In addition, Institution allows full Tuition Fee Waiver to the top-scoring students in each Undergraduate Programme.

The institute is having a state of Art, sports facilities in the campus of 60 acres which includes Indoor Swimming Pool, Badminton Court, etc. For outdoor games, a playground for all major games like Football, Basketball, Cricket, Volleyball, (Athletics), Kho-Kho etc.

The foresighted educational vision of Hon. Management has given a sense of direction to the development of the Institution. The growth of institution is guided by the spirit of being “Always Learning Organization” which incorporates new and advance process in curricular and co-curricular activities to improve the quality of the teaching-learning process.

Thank You!

ABOUT THE DEPARTMENT

Mechanical Engineering is one of the most diverse and primitive branch of engineering. It remained always in demand and continues to be so in future. Hence it is evergreen branch. Mechanical Engineering finds application in all fields of technology, the need of mechanical engineers has increased exponentially over the decades. It involves design, manufacturing, maintenance of machines and mechanical systems. Besides this, Mechanical Engineering touches virtually every aspect of modern life and Mechanical Engineers has tremendous scope in automobile, Aerospace, Steel Industries, Power sector, Biotechnology, Manufacturing plants, petroleum, Marine Industry and Cement Industry etc. Opportunities exist worldwide for Mechanical Engineers and pay package is highly attractive. This new letter highlights the students and faculty achievements in the odd semester of academic year 2025-26

Mr. P.V.CHAVAN
Head of Mechanical Engineering

VISION OF THE DEPARTMENT

To provide an excellent education that creates the new opportunities for students to meet the current and future challenges of technological development in Mechanical Engineering.

MISSION OF THE DEPARTMENT

1. M-1: To provide sound technical foundation in Mechanical Engineering through comprehensive curriculum & application oriented learning.

2. M-2: To encourage culture of continuous teaching and learning process by adopting recent methodology and technology.

3. M-3: To increase employability through Industrial interaction and Entrepreneurship Development.

4. M-4: To enhance technical skills and social awareness.

STAFF EDITOR OF THE DEPARTMENT

The newsletter will serve as a platform where issues pertaining to the department can be raised, debated and solutions be arrived at and we expect the participation of both the faculty and the students. We are extremely glad to bring you the news-letter of Department of Mechanical Engineering.

Ms. A.V. Patil

Staff Editor, Department of Mechanical Engineering

DEPARTMENT ACTIVITIES

GUEST LECTURERS DELIVERED

Various experts having diversified experience in the field of mechanical engineering were invited in the department to update the knowledge of the students about the latest trends in mechanical engineering. The list of these expert talks is given below.



Mr. Sanjay D. Pendse, Managing Director, Kaypee Machines Pvt. Ltd. Kagal MIDC, Kolhapur, delivered guest lecture on “Recent Trends in Manufacturing Technology” to the students on 16th Jan. 2026.

INDUSTRIAL VISIT

Various industrial visits are organized by the department to update the knowledge of the students about the latest trends in mechanical engineering. The lists of these visits are given below.



Industrial visit to **Shriram Foundry Pvt, Ltd, F 1/2, MIDC Shirol, Kolhapur** on **20th Feb 2026**, for the students in order to provide practical knowledge and real work environment exposure.



Industrial visit to **Alka Engineering Works, B9, MIDC Shirol, Kolhapur** on **20th Feb 2026**, for for the students in order to provide practical knowledge and real work environment exposure.

WORKSHOP / FDP CONDUCTED



The department has organized Three days workshop on “**3D Printing**” from **13 February 2026 to 14 February 2026** in association with Mr. Niranjan Arun Shinde, Arunoday Enterprises, 1243/35, Shivaji Udyamnagar, Kolhapur for second year students.

TRAINING PROGRAM ATTENDED

In the quest of knowledge and to equip themselves with a varied range of skills, the faculty of the department attended the following training programs:

1. Prof.P.R.Patil has attended one week FDP on “Outcome Based Education (OBE) and NBA Accreditation” conducted by SMSMPITR, Akluj from 8thDec. 2025 to 12thDec. 2025.
2. Mr.S.V.Surve has attended one week FDP on “Outcome Based Education (OBE) and NBA Accreditation” conducted by SMSMPITR, Akluj from 8th Dec. 2025 to 12th Dec. 2025.
3. Mr.D.R.Mane has attended two days FDP on “Outcome Based Education (OBE) for NBA Accreditation” conducted by VVIT, Pal from 12th Dec. 2025 to 13rd Dec. 2025.
4. Mr.A.P.Deshmukh has attended two days

FDP on “Outcome Based Education (OBE) for NBA Accreditation” conducted by VVIT, Pal from 12th Dec. 2025 to 13rd Dec. 2025

5. Mr.A.P.Deshmukh has attended one week Industrial Training Program on “Research and Scopus Indexed Paper Publication” conducted by SRPIT, Shirol from 23thFeb. 2026 to 01stMarch 2026.

STUDENT PLACEMENT

Sr.No.	Name of Industry & Address	No. of Students Placed	Salary
1	GE Areospace , Pune	5	2.50 LPA
2	Ghatage Patil Industries, Gokul Shirgaon, Kolhapur	3	2.16LPA
3	Synergy Green Industries Ltd,Kagal,Kolhapur	1	3.60LPA
4	ADVIK Hi-Tech Pvt Ltd,Chakan,Pune	4	2.52LPA
5	Bajaj Auto Ltd ,pune	4	2.04LPA
6	Fukoku India Pvt Ltd, Pune	11	2.78LPA
7	TE Connectivity India PVT Ltd, ShirwalSatara	2	2.35LPA
8	Kirloskar Pneumatics Company Ltd,Pune	3	3.0LPA
9	Flash Electronics India Pvt Ltd,Mahalunge,Pune	4	2.60LPA

CO-CURRICULAR ACTIVITY

STUDENTS PARTICIPATED IN VARIOUS COMPETITION

Sr.No.	NAME OF INSTITUTE	NO. OF STUDENTS PARTICIPATED	COMPETITION
1	NMPI, PETH	4	Quiz
2	NMPI, PETH	2	Poster Presentation
3	AMGOI, Vathar	10	Quiz

LIST OF TEACHING AND NON TEACHING FACULTY

TEACHING FACULTY

Sr.No.	Name of Faculty	Designation	Qualification
1	Mr.Pravin Vijay Chavan	Head of Department	BE Mechanical M-Tech Design Appear
2	Mr.Dhananjay Ramesh Mane	Office In Charge	BE Production M-Tech Production Appear
3	Mr.Sachin Vasantao Surve	Academic Co-ordinator	BE Mechanical
4	Mr.Mahadev Rajaram Kodolkar	Lecturer	BE Mechanical M-Tech Design Appear

5	Ms. Anagha Vishwanath Patil	Lecturer	BE Mechanical M-Tech Design Appear
6	Mr.Aviraj Parshuram Deshmukh	Lecturer	BE Mechanical M-Tech Design Appear
7	Mr.Vaibhav Mohan Chougule	Lecturer	BE Automobile
8	Ms.Tejasvini Deepak Jadhav	Lecturer	B-Tech Mechanical

NON-TEACHING FACULTY

Sr.No.	Name of Faculty	Designation	Qualification
1	Mr.Rohit Rajendra Magdum	Lab Assistant	Diploma Auto Engg.
2	Mr.Shailesh Dilip Bachche	Workshop Instructor	ITI
3	Mr.Bhushan Milind Nalwade	Lab Assistant	Diploma Mechanical Engg.

STUDENTS ACHIVEMENT

MSBTE EXAM TOPPERS SUMMER 2025

FIRST YEAR

Sr.No.	Name of Student	%	Rank
01	MUDGAL SARTHAK BHUSHAN	87.06%	I
02	CHARANKAR AAYUSH AMOL	84.24%	II
03	PARIT SHRUTIKA LAXMAN	79.88%	III

SECOND YEAR

Sr.No.	Name of Student	%	Rank
01	MORE VAISHNAVI VIJAY	88.22%	I
02	SURYAVANSHI SNEHAL UDAY	85.67%	II
03	PATIL VIVEK PRADIP	84.89%	III

THIRD YEAR

Sr.No.	Name of Student	%	Rank
01	KOTHA VALE MANTHAN SANDIP	87.06%	I
02	SUTAR PRATIKSHA PANDURANG	85.65%	II
03	SUTAR SHIVAM DINESH SAWANT AVANTIKA DHANANJAY	82.94%	III

THANKING YOU!