

IGNITED

A

News letter

From

Department of Mechanical Engineering

Academic Year: 2023-24

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



Edition: 04: 18 March2024.

Mrs S.A.SHENDAGE
Staff Editor

Mr. P.V.CHAVAN
Head of Mechanical Engineering

CHAIRMAN MESSAGE



Hon. Dr. Vinay Kore (Savakar)

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** and **TKIET(P), Warananagar** the belief envisioned creating better human beings, with roots embedded in strong academics. It is our endeavour 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 and even semester of academic year 2023-24

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.

Mrs. S.A.SHENDAGE
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. Suhas Pakahare, Training officer L & T, Pune delivered guest lecture on “Personality Development” to the students on 18th Jan. 2024 arranged by Prof. P V Chavan.



Mr.Niranjan Shinde, Director Arunoday Enterprises delivered guest lecture on “3 – D printing Technology” to the students on 08th Feb.2024 arranged by Prof. D R Mane.



Prof. Amit Suresh Vaidya, Professor in Mechanical Engg. Department, KIT College of Engg., Kolhapur delivered guest lecture on “Entrepreneurship Development” to the students on 04th March.2024 arranged by Prof. B D Mane.



Mr. Ramdas Balvant Patil, Assitant Manager, Valeo India Pvt. Ltd., Pune delivered guest lecture on “Electric Vehicle Architecture” to the students on 11th March.2024 arranged by Prof. B D Mane.

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.



Students From TKIET
Warananagar
Visited our industry



Explore the new technologies at
Arunoday Enterprises, Kolhapur..!!

The department organized the industrial visit to Arunoday Enterprises, Kolhapur for the students in order to provide practical knowledge and real work environment exposure.



The department organized the industrial visit to S. T. Divisional Workshop, Near RTO office, Tarabai Park, Kolhapur for the students in order to provide practical knowledge and real work environment exposure.



The department organized the industrial visit to Chetan Motors, Uchgaon, Kolhapur for the students in order to provide practical knowledge and real work environment exposure.

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. Mr. D.R.Mane and Mr. P.V.Chavan has attended three days FDP on “Advanced Trends in Mechanical Engineering” at Ashokrao Mane Polytechnic, Vathar from 27th December 2023 to 29th December 2023.
2. Mr. P.V.Chavan has attended two days FDP on “NBA Accreditation Guidelines & Frameworks” at Tatyasaheb Kore College Of Pharmacy (D), Warananagar from 12th January 2024 to 13th January 2024.
3. Mrs. S.A.Shendage has attended two weeks FDP on “Recent Developments in Materials & Manufacturing Process” at Smt. Kashibai Navale College of Engineering ,Pune from 15th January 2024 to 27th January 2024.
4. Mr.B.D.Mane has attended one day FDP on “Training Program for Faculty about Internal & Institutional Growth” at Saitej life Training Institute & Sinhgad Institute from 01st November 2023 to 01st November 2023.

STUDENTS PLACEMENTS

Sr .No.	NAME OF INDUSTRY	NO. OF STUDENTS PLACED	SALARY OFFERED
01	BELRISE INDUSRIES PVT. LTD, PUNE.	03	1.9 LPA
02	FORCE MOTORS PVT. LTD, PUNE.	02	2.05 LPA
03	CUMMINS INDIA PVT. LTD, PUNE	02	2.04 LPA
04	TATA VOLTAS LTD., MUMBAI	01	3.10 LPA

MOU's

1. Mr. P V Chavan successfully coordinated formation of Memorandum of Understanding [MOU] with Shree Tatyasaheb Kore Warana Sahakari Sakhar Karkhana Ltd., Warananagar.
2. Mr. D R Mane successfully coordinated formation of Memorandum of Understanding [MOU] with Arunoday Enterprises, Kolhapur.
3. Mr. B D Mane successfully coordinated formation of Memorandum of Understanding [MOU] with Finiks Engg. , Kolhapur.

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 MTech Design Appear
2	Mrs.Sai Ashish Shendage	Lecturer	ME Design
3	Mr. Vijaysingh Balaso Suryawanshi	Lecturer	MTech Mech- Production PhD Appear
4	Mr.Dhananjay Ramesh Mane	Lecturer	BE Production
5	Mr.Balkrishna Dinkar Mane	Lecturer	BE Production M-Tech Design Appear
6	Mr.Mahadev Rajaram Kodolkar	Lecturer	BE Mechanical ME Design Appear

NON-TEACHING FACULTY

Sr.No	Name Of Faculty	Designation	Qualification
1	Mr.Anil Mansing Bhosale	Lab Assistant	Diploma Mechanical Engg. BE Civil Appear
2	Mr.Rohit Rajendra Magdum	Lab Assistant	Diploma Auto Engg.

MECHANICAL ENGINEERING STUDENT ASSOCIATION



Department of Mechanical Engineering students Association inauguration was done at TKIET (Polytechnic), Warananagar on 15st September 2023 by the chief guest **Dr. N. S Dharashivkar.** Asst. Professor in Mechanical engineering Department, TKIET, Warananagar

STUDENTS ACHIVEMENT

STUDENTS PARTICIPATED IN VARIOUS COMPETETION

Sr .No.	NAME OF INSTITUTE	NO. OF STUDENTS PARTICIPATED	COMPETETION
01	RIT.	06	Quiz
02	TKIETP	06	-

STUDENTS PARTICIPATED IN EXTRA CURRICULAR ACTIVITY ORGANIZED BY IEDSSA

Sr .No.	NO. OF STUDENTS PARTICIPATED	COMPETETION
01	06	Kho-Kho
02	04	Volleyball
03	05	Kabaddi
04	02	Athletics
05	03	Football
06	01	Wrestling

MSBTE EXAM TOPPERS SUMMER 2023**SECOND YEAR**

SR.NO.	NAME OF STUDENT	%	RANK
01	GAIKWAD SOHAN ASHOK	86.25 %	I
02	PATIL DIGVIJAY VINYAK	76.13 %	II
03	LADGAONKAR MAHESH DHONDIRAM	75.88 %	III

THIRD YEAR

SR.NO.	NAME OF STUDENT	%	RANK
01	PATIL SHRUTI SURESH	75.85%	I
02	MALI ROHAN SADANAND	71.33 %	II

MSBTE EXAM TOPPERS WINTER 2023**SECOND YEAR**

SR.NO.	NAME OF STUDENT	%	RANK
01	CHAVAN APURVA ANIL	82.74 %	I
02	SUTAR PRATIK SURYAKANT	78.53 %	II
03	GHATAGE DARSHAN RAVINDRA	72.32 %	III

THIRD YEAR

SR.NO.	NAME OF STUDENT	%	RANK
01	GAIKWAD SOHAN ASHOK	82.48 %	I
02	PATIL NEHA PRAKASH	78.86 %	II
03	PATIL HARSHAD SHIVAJI	78.48 %	III

THANKING YOU!