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A

News letter

From

Department of Mechanical Engineering

Academic Year: 2024-25

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

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 semester of academic year 2024-25

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.R.G.Waydande, Deputy Executive, MSEDCL Regional Training Centre, Sangli delivered guest lecture on **“Safety Awareness Program”** to the students on 7th Aug. 2024 arranged by Mr. M.R.Kodolkar.



Mr.Niranjan Shinde, Director Arunoday Enterprises, Kolhapur. Delivered guest lecture on **“CAD/CAM & Design”** to the students on 10th Aug. 2024 arranged by Mr. D.R.Mane.



Mr. Sarjerao S. More, AGM Kirloskar Brothers Ltd., Kirloskarvadi. Delivered guest lecture on “**Basics of 5-S Industry Level**” to the students on 21th September.2024 arranged by Mr. P.V.Chavan.



Mr. P. J. Patil , Training & Placement Head, TKIET, Warananagar. Delivered guest lecture on “**On How to prepare for placement**” to the students on 13th August 2024 arranged by Ms. A.V. Patil.



Mr. Mohsin Fakir, Life Skill Trainer, TWJ Learning Solution, Kolhapur. Delivered guest lecture on “**Soft Skill Development**” to the students on 28th Sept. 2024 arranged by Ms. A.V. Patil.

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.



The department organized the industrial visit to Warana Sahakari Duddh Utpadak sangh, Amrutnagar on 30th August 2024, for the students in order to provide practical knowledge and real work environment exposure.



The department organized the industrial visit to Wellpro Components Pvt.LtdE-85, MIDC Shirolī on 27th September 2024, for the students in order to provide practical knowledge and real work environment exposure.



The department organized the industrial visit to Konduskar Auto Center Pvt, Ltd, Plot No.6, MIDC Shirolī on 27th September 2024, for the students in order to provide practical knowledge and real work environment exposure.



The department organized the industrial visit to Maurya Global, A-262, 5 Star MIDC Kagal, Kolhapur on 23rd October 2024, for the students in order to provide practical knowledge and real work environment exposure.



The department organized the industrial visit to Finiks Engineering, Shirolī MIDC Kolhapur on 23rd October 2024 for the students in order to provide practical knowledge and real work environment exposure.

WORKSHOP /FDP CONDUCTED



The department organized the three day workshop on “**Introduction to Basics of AutoCAD**” from 06th November 2024 to 08th November 2024, for the second year students.



The department organized the One day workshop on “**CNC Part Programming**” on 23rd October 2024 in association with Balaji Industries R.S.NO.575/1,Shiroli MIDC, Kolhapur, for the third year students.



The department organized the Three day workshop on “**Soft Skill Development**” on 11th to 15th October 2024 in association with APT-TECH Solution, Kolhapur.

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. P.V.Chavan, Mr.D.R.Mane and Ms. A.V.Patil have attended one week FDP on “Mastering Life Management” at Dr.Bapuji Salunkhe Institute of Engg. & Technology, Kolhapur from 19 Sept.2024 to 23 Sept.2024.
2. Mr.B.D.Mane has attended three days FDP on “Innovative Teaching-Learning Practices in Engineering” at Rajaram Bapu Institute of Technology (Polytechnic), Lohagaon, Pune from 03 October 2024 to 05 October 2024.
3. Mr.B.D.Mane has attended one week FDP on “Clean Energy” at Nanasaheb Mahadik Polytechnic Institute, Peth from 18 September 2024 to 22 September.2024.
4. Mr.B.D.Mane has attended three day FDP on “Advancements in Sustainable Energy Technologies & Green Mobility Present Achievements &Future Possibilities” at Rajaram Bapu Institute of Technology (Polytechnic), Lohagaon, Pune from 25 September 2024 to 27 September 2024.
5. Mr.D.R.Mane has attended three days FDP on “Introduction on Basics of AUTOCAD” at Rajarshi Shahu Maharaj Polytechnic, Nashik from 18 September 2024 to 20 September 2024.
6. Mr.B.D.Mane has attended three days FDP on “Transforming Education with Industry 4.0: Preparing Faculty for the Digital Revolution” at DKTE Society’s Yashwantrao Chavan Polytechnic, Ichalkaranji from 03 Oct. 2024 to 05 Oct 2024.
7. Mr. P.V.Chavan, Mr.B.D.Mane, Mr. M.R.Kodolkar and Mr. V.S.Mane have attended one week FDP on “Data Analysis Using Advanced Excel” at Dr.Bapuji Salunkhe Institute of Engg. & Technology, Kolhapur from 07 Oct.2024 to 11 Oct. 2024.
8. Mr. P.V.Chavan, Mr.D.R.Mane, Mr.B.D.Mane , Mr. V.S.Mane and Mr. M R Kodolkar have attended one week FDP on “Hydrogen Energy & Its Role on the future” at Dr.Bapuji Salunkhe Institute of Engg. & Technology, Kolhapur from 21 Oct.2024 to 26 Oct. 2024.
9. Mr. P.V.Chavan has attended five days FDP on “Advancement in Refrigeration System” at Dr.Bapuji Salunkhe Institute of Engg. & Technology, Kolhapur from 25 Nov.2024 To 30 Nov. 2024

STUDENTS PLACEMENTS

Sr .No.	NAME OF INDUSTRY	NO. OF STUDENTS PLACED	SALARY OFFERED
01	Technip Energies, Mumbai	01	3.3 LPA
02	Technimont ICB	01	4.25 LPA

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	Academic Co-ordinator	BE Production M-Tech Production Appear
3	Mr.Mahadev Rajaram Kodolkar	Lecturer	BE Mechanical M-Tech Design Appear
4	Ms. Anagha Vishwanath Patil	Lecturer	BE Mechanical M-Tech Design Appear
5	Mr.Vallabh Vilas Mane	Lecturer	B-Tech Mechanical
6	Mr.Sachin Vasanttrao Surve	Lecturer	BE Mechanical
7	Mr.Aviraj Parshuram Deshmukh	Lecturer	BE Mechanical

NON-TEACHING FACULTY

Sr.No	Name of Faculty	Designation	Qualification
1	Mr.Rohit Rajendra Magdum	Lab Assistant	Diploma Auto Engg.
2	Mr.Swarup Suryakant Lohar	Workshop Instructor	Diploma Mechanical Engg.

MECHANICAL ENGINEERING STUDENT ASSOCIATION



Department of Mechanical Engineering students Association Inauguration was done at TKIET (Polytechnic), Warananagar on 21st September 2024 by the chief guest Mr.Sarjerao S.More, AGM Kirloskar Brothers Ltd., Kirloskarvadi.

STUDENTS ACHIVEMENT

STUDENTS PARTICIPATED IN VARIOUS COMPETETION

Sr .No.	NAME OF INSTITUTE	NO. OF STUDENTS PARTICIPATED	COMPETETION
01	AMRUTHVAHINI POLYTECHNIC	08	Quiz
02	MET IOT-POLYTECHNIC	01	Quiz

FIRST YEAR

SR.NO.	NAME OF STUDENT	%	RANK
01	SUTAR SHIVAM DINESH	78.92	I
02	JADHAV PRUTHVIRAJ GAJANAN	72.19	II
03	PAWAR RITESH DASHRATH	72.17	III

SECOND YEAR

SR.NO.	NAME OF STUDENT	%	RANK
01	CHAVAN APURVA ANIL	78.88	I
02	SUTAR PRATIK SURYAKANT	75.33	II
03	GHATAGE DARSHAN RAVINDRA	74.24	III

THIRD YEAR

SR.NO.	NAME OF STUDENT	%	RANK
01	GAIKWAD SOHAN ASHOK	84.92	I
02	PHADTARE PREM TANAJI	80.51	II
03	PATIL NEHA PRAKASH	80	III

THANKING YOU!