

SUMMER 2022



**Department of Mechanical Engineering**

# **NEWSLETTER**



Tatkare Charitable Trust's  
**Smt. Geeta D Tatkare Polytechnic,**  
**Gove-Kolad**



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## **Find us....**

**Tatkare Charitable Trust's**

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## **Welcome**



We are glad to bring out the newsletter of Mechanical Engineering Department.

The issue presents notable advances the department has made in the last semesters in academic, co-curricular, extracurricular, industrial visit, expert lectures as well as overall development of the department.

This newsletter will surely motivate the teachers and students of sharing their creativity and new ideas and will help in their overall development.

We also encourage students to organize events such as engineers' day, traditional day, participate in different events organized by other colleges and also get involved in activities of social relevance. Department also maintained the reputation in academic performance with placing the student in different organizations by training and placement cells.

I welcome you all to be a part of our department journey towards being a successful department in technical education field.

I wish that the coming year will also fill the department with energetic academic environment and bring more technical activities and achievements by students and faculty

Best of luck to all the students!

Prof. Rupesh P. Pawar  
Head of the Department

## **Program Educational Objectives**

### **(PEOs)**

1. Provide socially responsible, environment friendly solutions to mechanical engineering related broad-based problems adapting professional ethics.



2. Adapt state-of-the-art Mechanical engineering Broad-based technologies to work in multi-disciplinary work environments.
3. Solve broad-based problems individually and as a team member communicating effectively in the world of work



**Smt. Geeta D. Tatkare Polytechnic.**  
**GOVE-KOLAD 402304**

## **DEPARTMENT OF MECHANICAL ENGINEERING NEWS LETTER**

### **The Trustee Speaks**



Behind the establishment of Smt. Geeta D. Tatkare Polytechnic, it is one of our objectives to make common man familiar with the technical knowledge and consequently contribute to the welfare of the society and the nation as well. In this age of globalization, it is extremely necessary to apply theoretical knowledge of science and technology in to healthy practice so as to withstand modern industrial challenges and it is possible only through quality education, devotion on part of students as well as teachers, exposure to the professional environment, and inclination toward research and creativity. Last but not least, it is also important to provide equal opportunity of education to all especially weaker section of the society in rural areas so that nobody is deprived of one's right to education.

**Shri. Sandeep A. Tatkare**  
**Trustee, Smt. Geeta D. Tatkare Polytechnic**

### **From the Principal's Desk**



It gives me immense pleasure to introduce our institute to you which is getting its roots firm and within a short span of time, is going to be one of the leading colleges in the region. It is only because of the untiring efforts of the chairman and managing trustees, and their whole hearted support, with the god team work of the faculty and healthy cooperation of the students. The college has achieved distinction in academics by producing good results in different disciplines in the examinations and I also hope that it would scale greater heights of excellence in various sectors in the year to come. Indeed, it is our sincere aim to provide opportunity of education to the youngsters of every section of the society and thus create responsible & effective citizens.

**Prof. Vipul Masal**  
**Principal, Smt. Geeta D. Tatkare Polytechnic**

## Vision

To be recognized internationally for quality education and research in mechanical engineering with excellence in the fields of design, manufacturing and thermal sciences.

## Mission

To prepare professionally competent and broadly educated mechanical engineers by developing analytical and research abilities, encouraging culture of continuous learning and by adopting new technologies to solve complex problem.

## About the Department

Welcome to the Department of Mechanical Engineering at Smt. Geeta D. Tatkare Polytechnic Gove-Kolad, where experienced faculty and highly motivated students - supported by a dedicated staff - experience a unique engineering education. An extremely dynamic faculty (current strength of about 07), and a well experienced support staff, give the Department a breadth of research focus and wide range of technical expertise. Our 07 odd full time experienced faculty members have a passion for teaching and an avowed commitment to research and development. We are continually striving to improve the quality of our programs by finding new ways of structuring our curriculum and exploring new delivery methods. We provide our students opportunities to engage in experiments, design work, project work, industrial training, seminars, and team work to enhance the learning process that is so vital for a holistic engineering education. They develop skills of inquiring and exploring new ideas on their own. In essence, they are well prepared for the life-long learning that is vital for an enriching career in engineering. Our students develop an ability to think, are able to innovate, and acquire a strong foundation in technical knowledge. This newsletter highlights the students and faculty achievements in the academic year 2017-2018.

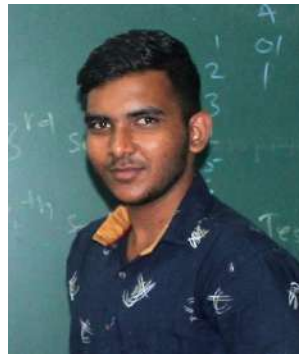
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## STUDENTS ACTIVITIES & ACHIEVEMENTS

Before Saying Good bye to SGDTP.....They have given gift to all of us.....with lot of Hard-work.....Got 2nd Consolation Prize at Smt. Geeta D. Tatkare Polytechnic, Gove-Kolad. in State Level Technical Paper Presentation by TY ME Students of our institute. Many **Congratulations** to both of you boys.



*Mr. Rohan Deshmukh,*



*Mr. Vishal Chavan*

## Guru Pournima

Department of Mechanical Engg. Conducted Guru Pournima event on. In which gifts for teachers of all departments are given by the students of mechanical department.



*Mechanical Engineering Department staff (Gurupournima)*

## Tree Plantation

All the departments of the institute organized Tree Plantation. In this event 70 trees are planted in college campus.





## Rakhi Festival

The Rakhi Festival was conducted in institute which is organized by 'Swarajya Pratisthan, Roha' on. In which students of institute gave a tribute to Indian Soldiers in the form of 101 rakhis.



*Students with Hon. Registrar of Tatkare Charitable Trust Mr. Ajit Telange & Principal of Institute Mr. Vipul Masal.*

## Student Solar Ambassador Workshop





Student Solar Ambassador workshop held in Smt. Geeta D. Tatkare Polytechnic. on 12 Oct. 2019 sponsored by IIT, Mumbai.

125 students participated from Mechanical and Electrical department the workshop and learn about assembly of solar lamp kit.



## Personality Development Program



*Prof. Nilesh Deshmukh with Hon. Registrar and HOD mechanical Dept.*

Personality Development Programme conducted by SGDTP MESA initiating attitude change in students.

Guest Lecturer: Prof. Nilesh Deshmukh.

## Industrial Expert Lecture

**Arranged the industrial expert lecture on Cooling Tower by Prof. Prathmesh Bhoir.**



Prof. Prathmesh Bhoir has given their valuable time to our institute and he has given the very good knowledge about the cooling tower technology.

He has also shared the importance of cooling tower and the opportunities for the students in the emerging field.

**Arranged the industrial expert lecture on Automation by Prof. Ranjeet Deshmukh.**

Prof. Ranjeet Deshmukh has given their valuable time to our institute and he has given the very good knowledge about the Automation technology.

He has also given information opportunities for the students in the automation technologies available in industry.





## Industrial Visit

**Company: Maharashtra State Transport Depot, Ramwadi on 10 Aug 2019.**



*Students at depot workshop with ST depot Mechanical Engineers*

All TY students of Mechanical Department attended the visit under guidance of staff members to Maharashtra State Transport Depot, Ramwadi on 10 Aug 2019.

**Dr. Babasaheb Ambedkar Technical University on 28 Aug 2019.**



*Students at DBATU entrance with faculty members Mr. Pankaj Mohire, Mr. Mahesh Sawant.*

All TY students of Mechanical Department attended the visit under guidance of staff members to Dr. Babasaheb Ambedkar Technical University.

.In this total 31 students from mechanical visited under the guidance of staff members

**FACULTY ACHIEVEMENTS**

<b>Name of the Faculty</b>	<b>University</b>	<b>Status</b>
Prof. Rupesh R. Pawar	BATU, Lonere	Completed

**Conference/Workshop Attended**

<b>Sr. no</b>	<b>Name of the Faculty</b>	<b>Training attended</b>	<b>Place</b>	<b>Year</b>
1	Prof. Rupesh R. Pawar	Capacity Development Training	VES, Chembur	Aug-19



## Teaching Staff Members



Prof. Rupesh P. Pawar  
Head of Department  
M.Tech (Thermal & Fluid Engg.)

Experience: 6 yrs



Prof. Manish V. Patil  
Lecturer  
B.E. (Mechanical Engg.)

Experience: 1 yr



Prof. Prathmesh Pawar  
Lecturer  
B.E. (Mechanical Engg.)

Experience: 2 yr



Prof. Shyamsundar Vhore  
Lecturer  
B.E. (Mechanical Engg.)

Experience: 1 yr



Ms. Prathmesh Kasar  
Lecturer  
B.Tech. (Mechanical Engg.)

Experience: 1 yr

## Non-Teaching Staff Members



Mrs. Anamika A. Mhatre  
Lab Assistant  
Diploma  
Experience: 9 yrs.



Mr. Kalpesh B. Pawar  
Workshop Instructor  
ITI(Welder), NCVT  
Experience: 9 yrs