

DIRECTOR'S DESK



Hon. Achyut Sawantbhonsale
Executive Chairman, SYBES

I am very excited to know that Mechanical Department is coming with its another issue of 'The Horizon.' After the Covid -19 pandemic, we have taken the sigh of relief knowing the visible signs of offline education. I am very optimistic that the forth coming days will shine with all the activities of students.

At YBP, all departments are trying for the holistic development of students. Co & Extra Curricular activities will help the students to face their career in a better way..

I congratulate HOD, Staff and Newsletter team for bringing this issue of a Newsletter. I am hopeful that we will get good response from our readers.

All the Best! ★★★

Editorial Committee

Editor in Chief
Mr. G. A. Bhosale (Principal)

Co-Ordinator
Mrs. Nehal N. Sandye (Lecturer)

Departmental Faculty Member
Mr. R. B. Giryalkar (Lecturer)

ViSiON



To have a foundational impact on our students through continual education in Mechanical Engineering.

To transform our students into employable engineers using fundamentals of Mechanical Engineering.

To enhance capabilities of our students by exposing them to outside world.

To serve the society through technical contribution in Mechanical Engineering.

M1

M2

M3

HOD'S DESK



Mr. A.J.Rane
HOD, Mech Dept.

I am very happy to know that Mechanical Department is coming with its next issue of 'The Horizon.' After the COVID 19 pandemic, again we have focused on the overall development of students. Physical classes will bring hope not only to students but also to teaching faculty.

This newsletter will bring forth all the activities of students. Keeping in mind 'Students's Progress', we are trying to provide all the facilities to our students. Industrial visits, Campus interviews, Quiz & Paper presentation competitions, Project work reflect students' performance. Hence, this newsletter is the mirror of all these activities.

I am hopeful that we will get good response from our readers. ★★★



Workshop on Electric Vehicles

Mechanical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi successfully conducted workshop on Electric Vehicles in collaboration with IVOOMI Innovation Pvt Ltd and MESA on 5th and 6th March 2022. For inauguration function, Principal Mr. G. A. Bhosale, HOD Mr A. J. Rane and speaker Mr. Nihar Gawade were present. Mr. Nihar Gawade is the alumni of Mechanical Department from 2017 batch. Has started his Electric vehicles business. In this workshop he covered overview of EV, Design parameter, Battery management system, assembly, Maintenance, Trouble shooting, Precaution, Challenges faced by EV industries.

He also displayed 2 EV bike where he showed assembly and all parts. MESA gave memento to Mr. Gawade. Program was coordinated by Mr. M. R. Desai and Mr. M. T. Patil.



EXPERT LECTURE ON FUTURISTIC AUTOMOTIVE TECHNOLOGIES

Mechanical Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi successfully conducted an expert lecture on Futuristic Automotive Technologies on 12th March 2022. Guest fulfilled students' minds with the knowledge of present as well as future upcoming automotive technologies in India as well as across the world. Program was coordinated by Mr. R.B.Giryalkar, Lecturer, Mechanical Dept.



RESEARCH PAPER PUBLISHED BY FINAL YEAR STUDENTS FROM MECHANICAL DEPARTMENT

Final year students from Mechanical Department, Satej Dalvi, Sahil Sawant, Pradhumna Parab, Sonu Naik and Vasant Aeer published a research paper in an International Research Journal of Modernization in Engineering Technology and Science & Vol. 04, Issue 05, May 2022 & ISSN (online): 2582-5208 under the guidance of Mr. M. R. Ghatage. The research topic was REVIEW PAPER ON DESIGN AND FABRICATION OF AUTOMATIC ELECTRIC POLE CLIMBING MACHINE. This report presents study of electric pole repairing in brief. This report also includes History, Production, Uses, Processing and Scope of pole repairing machine in market. The objective of this study was to design and construct

the automatic lifting machine. This machine can also be used in a variety of ways. There is a lot of demand in the market for lifting luggage at construction sites, arranging luggage at companies, and maintaining height.



Faculty Development Program by NPTEL

Mr. Swapnil H Sawant successfully completed online FDP on Principles of Casting Technology organized by NPTEL. The duration of the program was 8 weeks (Jan-March 2022). Mr. Swapnil Sawant passed this FDP by securing 63%.



INDUSTRIAL VISITS 2021-22

Third year Mechanical Engineering students (84 candidates) successfully conducted Industrial visit for the 6th semester Mechanical Engineering students at Kashalikar Autocare, Majagaon, Sawantwadi on 26th March 2022. This industrial visit is relevant to Automobile Engineering (22656) course. Staff coordinators for this visit were Mr. M. T. Patil, Mr. P PDakare. The students observed & understood various sensors used in automobiles, various types of maintenance work related to automobile vehicles.

Second Year Mechanical A and B division (90 Students) of Yashwantrao Bhonsale Polytechnic, Sawantwadi successfully completed Industrial visit at V. J. Industries (Britona Plastics), Sawantwadi on 29th March 2022. During this visit, students visited various Plastic Moulding machines such as injection Moulding, Blow Moulding and Extrusion Moulding. faculties Mr. Amrut G. Yadav, Mr. Pushkar K. Parab, Mr. Manish R. Ghatage, Miss Manda P. Kamble and Mr. D. J Patil took the efforts to make this visit successful.



WINTER 2021 RESULT : TOPPERS

TY ME			SY ME			FY ME		
90.48%	87.52%	87.43%	90.95%	90.00%	81.68%	84.86%	83.43%	82.29%

Third year Mechanical Engineering students excelled in Technical paper presentation

Kapil Malgaonkar and Shreyas Mane from Third year Mechanical Engineering secured third prize in MSBTE sponsored Technical Paper Presentation organized by Government of Diploma Polytechnic Gadchiroli. They received certificate and cash prize of 5000/-They presented paper entitled Design of Low cost all Wheel Drive Bike.

Sandesh Sawant and Abhishek Gawade from Third year Mechanical Engineering secured second prize at State Level Technical Paper Presentation organized by Pravin Patil College of Engineering and Technology in association with ISTE. They presented paper entitled Design of Portable Electric Power Tiller Machine.

