

DIRECTOR'S DESK



Hon. Achyut Sawantbhonsale

Executive Chairman, SYBES

I am very happy to know that Mechanical department is coming with its another issue of a newsletter 'The Horizon' for academic year 2024-2025. Today the role of the institute is not only to pursue the academic excellence but also to nurture the holistic development in them. I appreciate the efforts taken by the department for the overall development of the students. On our part, we are always trying to provide the best to our students. Definitely our future engineers will shine in all fields. I congratulate the team of newsletter for taking the efforts and I wish good luck to all.

Editorial Committee

Editor in chief

Mr. G.A. Bhonsale (principal)

Co-ordinator

Mr. A. G. Yadav (lecturer)

Student Representative

Mr. Suyog V. Desai (S.Y)

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.

M1

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

M2

To serve the society through technical contribution in Mechanical Engineering.

M3



Twenty Four students selected in General Electric and TATA Motors

Yashwantrao Bhonsale Institute of Technology Sawantwadi successfully conducted a pool campus placement drive of General Electric, Pune and TATA Motors on 23rd February 2024 for Mechanical and Electrical diploma students. Total 63 students from YBIT, MITM, RMP were present. For this drive Ms Reshma Omanmen, Mrs Vidya, Ms Manaswi Chavan from GE were present. , Mr Sushant Gidaye and Mr Rajesh Rokde worked as a HR Recruiter from TATA Motors Company. . Mr M R Desai and Mr. M T Patil Coordinated this drive.



Mr. A.J. Rane

HOD, Mech Dept.

It's my great pleasure to announce that our department is coming with its newsletter 'The Horizon' our mechanical department has always been dedicated in its efforts bringing dynamism in the lives of students. The department is trying to foster all skills in our students and for this, curricular and extra-curricular activities give outlet to the hidden talent of our students. This newsletter will focus on the student's steady development towards future. So, I congratulate all for bringing this issue and I hope that we will receive good response from all.



Training and Placement Cell of Yashwantrao Bhonsale Institute of Technology Sawantwadi successfully conducted a campus drive of KSPG AUTOMOTIVE LTD, Pune for Mechanical Diploma students. During the inauguration ceremony Principal Dr Raman Bane sir, Vice Principal Mr G A Bhosale sir and officials of KSPG were present. For this drive 28 students were present. Out of this 22 students are selected. For the inauguration ceremony Administrative coordinator Mrs Sunetra Phatak madam, Mech HOD Mr A J Rane, Electrical HOD Mr D D Patil, Civil HOD Mr P P Sawant were present. Mr M R Desai, M T Patil, Ms Shruti Hewalekar, Mr Prathmesh Pokharel coordinated this drive. Regards T & P Cell, YBIT

The Hybrid Boom: Key Trends in Next-Generation Vehicles (By Mr. Santosh Sharma) The biggest news is the rise of Plug-in Hybrid Electric Vehicles (PHEVs), which now offer a much longer driving range on electric power alone. This means you can handle most daily commutes without using any gasoline, but still have the gas engine for long road trips. Beyond just fuel savings, hybrid technology is being built into more types of vehicles. You can now find many efficient Hybrid SUVs and Trucks that offer space and utility without the high fuel cost. Finally, the cars themselves are getting smarter, with advanced computers that perfectly blend the power from the engine and electric motor to give you great performance.



On the occasion of the Teachers Day Mechanical Engineering Department of Yashwantrao Bhonsale Institute of Technology (Diploma wing) organised an idea presentation competition named as "IDEATHON 2K24". Students from 2nd and 3rd year Mechanical Engineering department participated in this competition. Students get exposure on how to pitch an idea, how to identify problems and how to provide a feasible Mechanical solution to it. Pooja Kokare & Dhanashri Gawas secured First rank in this competition and Sanskar Anavkar & Ramesh Latthe secured second rank.



Department of Mechanical Engineering successfully conducted career guidance session on Career Opportunities in Piping Design Engineering for TYME Mechanical and TY Mechatronics Diploma students by Mr. Ravi Jogiraj, Manager Business Development of Asian Academy of Professional Training India Pvt Ltd, Pune on 23rd September 2024. Mr. Jorigal explained the need of a piping design engineer in industry. He introduced various softwares required in Piping field.



Industrial Visit conducted at Supreme casting, Kolhapur

Industrial visit to Supreme Casting Private Limited were carried out on 18th September 2024 in Gokul Shirgaon MIDC, Kolhapur. Total 112 students of Third year Mechanical & Mechatronics Engineering was participated in this visit. Various Casting activities like (Pattern shop, Moulding, Machining, Finishing, packaging) also working of VMC & CNC machines studied by the students. MoU was also signed between Yashwantrao Bhonsale Institute of Technology, Sawantwadi and Supreme Casting Pvt. Ltd., Kolhapur. The scope of the MoU includes an Industrial visit, practical knowledge of CNC & VMC machining & it's programming etc. Company Head Mr. Varadkar sir gave detailed information about whole manufacturing processes & was happy about collaboration with YBIT.

