

DIRECTOR'S DESK



Achyut Sawantbhonsale
Executive Chairman, SYBES

It's a delightful moment for me to congratulate Mechanical Department for a great initiative to release its second Newsletter The Horizon. It is a good attempt to create a platform for sharing all relevant information regarding the major events of the Department. It is overwhelming to note that one of the core departments of our institute is vibrant enough to scale up to great heights within a short span of time. I appreciate the sincere efforts taken by the editorial team and students in this continuous endeavour to uplift their department. I hope the department shall strive to achieve excellence in future too. I wish a great success for The Horizon.

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Editorial Committee

Editor in Chief

Mr. G. A. Bhosale (I/c Principal)

Co-Ordinators

Mrs. Sarita Sawant-Sandye (Lecturer)

Departmental Faculty Members

Mr. Prasad S. Patil (lecturer)

Mr. Amrut G. Yadav (Lecturer)

Mr. Amol S. Shirsat (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.

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

Industry needs Skilful Engineers : Pratapsinh Desai ISTE Faculty & Student Chapter Inauguration at YBP



ISTE Faculty and Student Chapter inaugurated at the hands of Mr. Pratapsinh Desai, President, ISTE at YBP on 21st September 18. V.D.Vaidya (Secretary, ISTE), Ranjeet Sawant, (Member ISTE), Achyut Sawantbhonsale, (Executive Chairman of SYBES), Sunetra Phatak (Academic Co-ordinator), Tushar Rukari (I/C Principal, YBCODP) and G.A. Bhosale (I/C Principal, YBP) were present on this occasion. 195 faculty members and 30 students have been registered under ISTE. ISTE provides facilities not only for the teachers but also for the students for overall development.

Speaking on the occasion, Mr. V.D. Vaidya applauded the work of the institution. He insisted students

to improve their communication skills. The guest of honour Mr. Pratapsinh Desai motivated students to improve their technical skills. "Students should not become exam centred, they should be practically perfect," he added. He also admired the progress of YBP within a very short span. Mr. Achyut Sawantbhonsale, executive chairman of SYBES thanked ISTE for its kind support. All faculty members and students of YBP attended the programme. Electrical HOD, D.D. Patil and H.A. Pawar took great efforts to make the programme a grand success. The programme was concluded by delivering vote of thanks.

HOD'S DESK



Natha. V. Salave
I/C HOD, Mech Dept.

It gives me an immense pleasure and pride to announce that Department of Mechanical Engineering, Yashwantrao Bhonsale Polytechnic, Sawantwadi is publishing its second Newsletter. This newsletter will help to share the news, events and achievements of department. I would like to congratulate all members of editorial board for their sincere effort to realise their new venture. I earnestly wish and sincerely hope that this new publication will turn out to be a resounding

INDUSTRIAL VISIT

Industrial Visit to Hindustan Polymer at Majgaon



Industrial Visit to Hindustan Polymer at Majgaon was arranged on 4th August 2018 by Mechanical Department. This visit was arranged under the 2nd year curriculum of Mechanical Engineering for subject "Mechanical Engineering Materials" and "Mechanical Working Drawings". Other objective was to fulfill the curriculum gap in MEM subject. Powder metallurgy topic is also covered in this visit. Students were mentored and guided by Mr. Satpute and other staff members on various aspects of the unit. Students observed organization layout, various departments, powder metallurgy components and their manufacturing process like compacting, sintering. 2 Hydraulic presses are used for compacting purpose. Output of compacting is Green compact which is further

sintered in oven. For few products sintering process required 3 hours to 12 hours. Heat treatment of metals and its stages were also explained by Mr. Satpute. Student were also introduced to conventional lathe as well as CNC lathe. CNC operator shown demonstration of CNC turning and programming.

Components manufactured at company are based on drawings of customer. These production drawings with all details of dimensioning, geometric tolerance and other notes were observed by students. Inspection department incharge showed quality control techniques, inspection of parts, cleaning and finishing techniques adopted at companies. 61 students and faculty member were present at the visit. For this industrial visit 61 students were present.

Industrial Visit to an Advanced Manufacturing Processes at Kolgaon, ITI



On 26th September 2018, Mechanical Department had organized an industrial visit of Third Year Mechanical Engineering students for Advanced Manufacturing Processes at Kolgaon ITI. Mr. P.K. Parab, Mr. P.S. Patil, Mr. A.U. Shirsat these faculty members

were present at the visit. Mr. Bhavani sir, instructor of turning shop at ITI explained the information.

All the teachers and instructors gave the information about Lathe Machine, Universal Milling machine, Radial Drill Machine, CNC Lathe Milling Machine. All students were filled with most valuable technical knowledge & industry experienced machineries. They got acquainted with different machineries and automobile workshop also at ITI.

Overall the experiences about industry were seen by students & all technical concepts were clarified by this Industrial Visit. ★★★



Mechanical Department Celebrates Teacher's Day

On 5th September 2018 Mechanical Engineering students celebrated Teacher's Day with great excitement at YBP auditorium. All the faculty members of YBP were present on this occasion. The chief guest HOD N.V. Salave and other faculty were welcomed by mechanical students. The programme started with lighting the traditional lamp. In the morning session they had arranged "Student Teacher Competition". As a part of this competition, with proper planning some students conducted

lectures at First Year level. Papiha Dhavan and Ashley Monteiro were declared winners of this competition.

Students from Mechanical Department delivered speeches expressing the importance of Teacher's Day. Prasad Shelke and Aditya Sawant expressed their views on the Teacher's Day. HOD N.V. Salave, Mr. Milind Desai and Smt. Sarita Sawant guided and appreciated the efforts of all the students for arranging the programme.



Students observing the live demonstration of Machinery at Kashalikar Auto Care Majgaon

Celebration of Gurupournima



On 27th August 2018 Mechanical Department of YBP celebrated Gurupournima at YBP auditorium. All the faculty members of YBP were welcomed by the MESA committee members. Maheshwar Panshikar and Diksha Sawant delivered welcome speech. The programme started with lighting the traditional lamp. Some students delivered speeches expressing the importance of the day. The programme concluded by delivering vote of thanks by Papiha Dhavan.