

DIRECTOR'S DESK



Achyut Sawantbhonsale
Executive Chairman, SYBES

It is a great joy to see that is coming up with its third issue of Newsletter. Departmental Newsletter is the reflection of the activities and achievements. Tomorrow's engineers should not depend on classroom knowledge only. They should give outlet to their hidden talent through curricular and extracurricular activities. Such Newsletter gives platform not only to students but also for the teachers to grab each and every opportunity to show their talent, innovative ideas for their overall development. I am very proud to say that Departmental activities and achievements will definitely help to build the image of the institute. I am sure that we will get good response from our students and parents. So I congratulate the department and wish best luck.

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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.

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

ISTE approved self-financed State Level Paper Presentation

'Techxellence 2k19'



ISTE approved self-financed State Level Paper Presentation "Techxellence 2k19" was jointly organized by Mechanical and Civil department on 09/02/2018. It provided a platform to the students for going beyond their academic & exploring their hidden talent. Shree Yashwantrao Bhonsale Education Society's Chairperson Adv. Asmita Sawantbhonsale and Secretary Sanjeev Desai inaugurated the event. Jury members Dr.D.R.Mahajan, HOD Civil Department, Govt. Polytechnic Malvanand Swapnil Rawool, Asst. Professor, Mechanical department,

RM CET Deorukh delivered inspiring speeches to the competitors. They focused on the need of research in technical field for the growth of nation. Students made excellent presentations on the basis of papers they researched. Both the jury members according to the rubrics made the evaluation. Students from Govt. Polytechnic, Ratnagiri won the first prize and Vishal Doifode, Papiha Dawan from Yashwantrao Bhosanel polytechnic stood second. Prizes were distributed at the hands of Achyut Sawantbhonsale, Executive Chairman of Shree Yashwantrao Bhonsale Education Society. ★★★

HOD'S DESK



Natha. V. Salave
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 third newsletter. Our department has received some remarkable achievements in this academic year. These achievements & activities will contribute for the success of our **Best Emerging Institute, Yashwantrao Bhonsale Polytechnic**. 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 publish this newsletter. I earnestly wish and sincerely hope that this new publication will turn out to be a resounding success. ★★★

Guest Lecture on Marine Engineering Opportunities



Guest lecture on Marine Engineering opportunities for TYME students held on 18th December 2018. Ajay A. Tambwekar (Dy Director, Institute of Maritime Studies Goa) and Prashant Sawal (Marine engineer) were the subject speakers. They explained every aspect of respective field like what exactly marine engineering is and the types of works marine engineers do on ships. They have shown different types of marine ships like cargo, passenger, oil tanker, cruiz etc and explained their purposes, capacities, sizes and entire mechanisms.

ISTE sponsored induction program on 'Improving Teaching Effectiveness in Polytechnic Institutions'

Civil and Rural Engineering Institute, Gargoti conducted 6 days ISTE sponsored induction program between 17-22 December 2018 on 'Improving Teaching Effectiveness in Polytechnic Institutions'. Prathamesh Gavande, Lecturer from Mechanical department attended the program. The main objectives were to analyze the present teaching learning methodology practiced in polytechnic institutes, orient the faculties about the latest trends in teaching learning methodology and to develop interest and skills for the implementation of new methodology.

Workshop at KIT Kolhapur on Capacity Building of Polytechnic through NBA Process

A.G.Yadav and A.U.Shirsat from Mechanical department attended one day workshop on 'Capacity Building of Polytechnic through NBA Process' at Kolhapur Institute of Technology, Kolhapur. Workshop was conducted in three sessions. In first session, future of diploma engineering colleges and importance of NBA was discussed. The subject speaker

was Bharat Patil. Session ended with the conclusion that updating syllabus and adoption of outcome based education is very essential for diploma institutes. In second session Dr. Kargini explained the detail process of NBA accreditation and story of KIT's accreditation process. In last session, Mrs.Jadhav explained the importance and calculation of student faculty ratio.

Industrial Organization Management & Automobile Engineering

Industry Expert Guest Lecture on 'Industrial Organization Management and Automobile Engineering' for third year students was arranged by mechanical department on 19th Jan.2019. Guest speaker was Sudheer Tatoder (Process Manager, In Creative

Manufacturing Systems Pvt Ltd).He explained the organization structure in detail and role of diploma engineers in these departments. He also explained how these departments function and the types of skill required to succeed there.

Industry expert lecture on Organization Management and Practical application of Theory of Machine

Industry Expert Guest Lecture on 'Organization Management and Practical application of Theory of Machine' was arranged by Mechanical department on 19th January 2019 for second year students. Guest speaker was Sudheer Tatoder (Process Manager, In Creative Manufacturing Systems Pvt Ltd). He explained the organization structure in detail and role of diploma engineers in these departments. He also explained

how these departments function and the types of skill required to succeed there.

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Industrial Training Program at Dahanu Thermal Power Station



Industrial training Program at Dahanu Thermal Power Station Manish R Ghatage from Mechanical department attended three day workshop at Dahanu Thermal Power Station, Dahanu, Dist.Thane from 17-19 December 2018 which was sponsored by Adani Power Limited, Dahanu. The main objective of this training was to bridge the gap between industry and academics through faculty and the detailed study of co-ordinate measuring machine (CMM).

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Government Job Opportunities and Preparation

Expert Guest Lecture on "Government Job Opportunities and Preparation" was arranged by Training and Placement Department for third year students. Prof. Jagdish Desai was the subject speaker and he introduced various job opportunities in government sector after 10th, 12th, diploma and degree courses. He explained the syllabus of

respective exams, shared important tips for their preparation and also revealed his personal experiences too. He suggested all students to grab this golden opportunity to enter into Government sector. He also made the mass counseling of the students and conducted aptitude test for selected candidates.

Students' Success in MSBTE Winter 2018 Exams

FIRST YEAR



Shubhay M. Dongare
81.00 %



Babu S. Gawas
80.29 %



Siddharth S. Rawool
76.86 %

SECOND YEAR



Vivek V. Gosavi
80.84 %



Mohamad A. S. Shaikh
70.42 %



Mandar Y. Dhuri
68.32 %

THIRD YEAR



Diksha D. Sawant
87.56 %



Maheshwar S. Panshikar
84.44 %



Rajaram D. Dhuri
84.22 %

PLC Automation

Mechanical Dept. organized industry expert guest lecture on 'PLC Automation' for second year students on 24th Jan. In first session guest speaker Raghvendra Katti started his speech with power point presentation. He explained the need of automation and also the status of Industry 4.0 revolution. He covered the history of various industrial revolutions in short and explained the changing nature of jobs with the progress of modernization. Second session was conducted by Tushar Sankpal. He made power point presentation on Mechatronics elements and also made some video presentation too for showing the use of important applications. He explained each component of PLC in details. The key point of his lecture was automation safety. ★★★