

DTE CODE 3470
MSBTE CODE 1742



YASHWANTRAO BHONSALE
POLYTECHNIC
NEWSLETTER

Civil Engineering Department

The ACHIEVERS' SCROLL

VOL : VI

APR. 2022

DIRECTOR'S DESK



Hon. Achyut Sawantbhonsale
Executive Chairman, SYBES

I am very excited to know that Civil Department is coming with its another issue of 'The ACHIEVERS' 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 Members

Mr. P.D.Naik (Lecturer)



To instil fundamental principles of civil engineering in our students which inspire them to create innovative solution.

MISSION

To develop problem solving skills of our students through quality education

To introduce our students and faculty with outside world for their holistic development.

To serve the society through technical contribution in Civil Engineering.



ENGINEER'S DAY CELEBRATION AND TECHNICAL QUIZ COMPETITION

Engineer's Day was celebrated by the Department of Civil Engineering of Yashwantrao Bhonsale Polytechnic on 15th September 2021. On this occasion a Technical Quiz Competition was organized by Student associations of all departments. The Quiz competition was inaugurated by Principal Mr. G.A. Bhosale, Miss H. S. Shaikh addressed all the attendees, students and welcomed them to the program. HOD of Civil Engineering delivered a speech highlighting the life of greatest Indian Engineer, Bharat Ratna, Sir. Mokshagundam Visvesvaraya and his efforts in the development of nation. Then the principal of YBP Mr. G. A. Bhosale narrated the importance of Engineers Day in brief and also explained Sir Visvesvaraya's brilliance, skill, honesty and dedication throughout his journey. PRO Mr. N. N. Sandye expressed his thoughts about Engineer's Day and motivated students to come up every year with innovative ideas. He added to his speech that today's youth and engineering students have so much to learn from the life of Sir. Visvesvaraya. Finally, a video documentary was played which featured the different stages of life of sir Visvesvaraya and the program was concluded by a Vote of thanks speech by Miss H. S. Shaikh.

HOD'S DESK



P. P. Sawant
HOD, Civil Dept.

I am very happy to know that Civil Department is coming with its next issue of 'The ACHIEVERS' 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.



LINEOUT OF FRAMED STRUCTURE AND LOAD BEARING STRUCTURE BY CENTRELINE METHOD

Students of SYCE class carried out a line-out of framed structure and load bearing structure by centreline method on BKC campus ground. The visit was conducted on 30th of November. Layout of a building or a structure shows the plan of its foundation on the ground

surface according to its drawings, so that excavation can be carried out exactly where required and position and orientation of the building is exactly specified. The visit was coordinated by Ms. Hawabi S. Shaikh.



FIELD VISIT TO OBSERVE SCAFFOLDING, FORMWORK AND CENTERING WORK

Students of SYCE class visited the construction site of new BKC canteen building to study Scaffolding, Formwork and Centering Work. The visit was conducted on 6th of December. Formwork is arranged to support the structural members, whereas scaffolding is provided as a worker's platform around the building to work at heights. The visit was coordinated by Ms. Hawabi S. Shaikh.

WEBINAR ON DAMS AND SPILLWAYS

Department of Civil engineering conducted webinar on Dams and Spillways by Dr. M. B. Kumthekar on 13/10/2021. The Webinar was organized under the course Water Resource Engineering (22501) to make the students familiar with Dams and its applications in Irrigation Engineering. Principal of YBP, G. A. Bhosale welcomed all the attendees and highlighted the importance of Webinars in the overall development of students.

FIELD VISIT TO STUDY THE REINFORCEMENT DETAILING OF RCC SLAB AND BEAM

Department of Civil engineering organised a field visit for students of TYCE class on 29th October 2021. The construction site was located at Sarvodaynagar, Sawantwadi. Students studied the reinforcement detailing of RCC slab and beam. In this visit students observed Types of RCC slabs, spacing of bars, Bar bending, Main steel and distribution steel, Reinforcement in beams, Cover provided, Depth of slab and beam, Sunk slab and spacing of stirrups. The visit was coordinated by Mr. Parth D. Naik.



WEBINAR ON CONCRETE MIX DESIGN

Webinar was organized by the Department of Civil Engineering of Yashwantrao Bhonsale Polytechnic on Concrete Mix Design on 21st October 2021. Program coordinator Mrs. Nandita Yadav addressed all the attendees and welcomed them to the webinar. Then the principal of YBP Mr. G. A. Bhosale addressed the participants. Mr. Eknath P. Salokhe conducted his webinar and covered different important topics related to mix design and also answered questions raised by the participants.

HIGHWAY ENGINEERING FIELD VISIT FOR TRAFFIC VOLUME STUDY

Students of SYCE class of the Department of Civil Engineering conducted Traffic Volume study at Chhatrapati Shivaji Chowk, near Sawantwadi Bus Depot, Sawantwadi; on 8th December 2021.

Traffic Volume study is very important to be performed because it can increase the efficiency and life of roads, reduce traffic volume at a particular section, provide better means for development of

infrastructures, provide better means to utilize other roads in case of special events in the city, provide estimate of no of vehicles against no of persons. The event was coordinated by Mr. Parth D. Naik



WINTER 2021 RESULT : TOPPERS

FY CE			SY CE			TY CE		
ADITYA JADEYE 81.17%	PANDURANG RANGSUR 75.86%	ADITYA GAWADE 75.43%	VAISHNAVI TALEKAR 85.78%	KEDARNATH GAWAS 83.89%	PRATHAMESH GAWAS 82.33%	SNEHA GURAV 91.00%	VIKRAM MASURKAR 88.00%	KETAKI PARULEKAR 86.50%

INDUSTRIAL VISIT TO WATER TREATMENT PLANT

TYCE class visited water treatment plant at Ichalkaranji on 8th December 2021. This water treatment plant is under the governing of Municipality. The total area of plant is 7 acre-108 MLD and now 54 MLD plant in use and 54 MLD newly construct. In this plant first we see the -eration unit. The sources of water are Krishna and Pachanga River. Krishna River is 18KM² apart from plant and Pachanga River 4 Km apart from plant. The pump capacity for Krishna River is 540HP and Pachanga is 250HP. They provide 14lak/ hr and 9 lakh/hr water respectively. The visit was coordinated by HoD Mr. Prasad P. Sawant.