

The ACHIEVERS' SCROLL

DTE CODE 3470
MSBTE CODE 1742



YASHWANTRAO BHONSALE
INSTITUTE OF TECHNOLOGY

NEWSLETTER

Civil Engineering Department

OCTOBER 2024

DIRECTOR'S DESK



Hon. Achyut Sawantbhonsale
Executive Chairman, SYBES

I am incredibly happy to know that Civil Department is coming with its another issue of Newsletter 'Achievers' Scroll' for the academic Year 2024-25. 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 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.



VISION

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.

FIELD VISIT AT NEW YBIS BUILDING



Department of Civil Engineering organized field visit for FY Civil students under the course "Building material and Construction" on 20th Jan 2024 at New YBIS building, near Shilpa gram Sawantwadi.

The main objective of this visit is to understand masonry bonds, Plastering, Scaffolding, formwork, water proofing method, which was help them to achieve the course outcome under the Building Material and Construction

During visit Students observed Components of scaffolding, mortar proportions, internal and external Plastering methods and technical terms of Staircase, formwork. The visit was coordinated by Mrs Nandita Yadav madam and Mr V.D.Gawade sir

HOD'S DESK



P. P. Sawant
HOD, Civil Dept.

Its my great pleasure to announce that our department is coming with its Newsletter 'The ACHIEVERS' . Our Civil 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 students' steady development towards future. So I congratulate all for bringing this issue and I hope that we will receive good response from all.

CONTRIBUTION IN TECHNICAL PAPER PRESENTATION



Happy to announce result of MSBTE sponsored State Level Technical Paper Presentation Competition (Civil Engineering Group, Mumbai Region) organized by Thakur Polytechnic Kandivali (E) Mumbai on 1st February 2024 in which our Third year Civil Engineering students, Mr. Aditya. D. Jadye and Balkrishna. S. Parab of YBIT (Diploma wing) Presented a paper entitled "Use of Fly ash in concrete" guided by Civil Engineering Department Faculties and secured 2nd prize along with the cash prize of Rs.10000 and participation certificate. Hearty congratulations to both the students

51TH STATE LEVEL SCIENCE EXHIBITION 2023 24



Our TY Civil Engineering students present BKC Model at 51th state level Science Exhibition 2023-24 held at Jimkhana Maidan Sawantwadi.

The main objective of this exhibition was to encourage the students performing and prepared various types of projects which shall be helpful to society which help them to improve their presentation skill.

Our students papered Scale model of BHONSALE KNOWLEDGE CITY as per the actual scale building constructed at vazarwadi location. This model include all the building such as Engineering, pharmacy, International School, Workshop, Boys And Girls Hostel and Mess including all the facility shows on ground and also location BKC ground was mentioned.

This Model Represented by Mr. Aditya Jadye, Mr. Shivam Ghaware, Mr. Hrshad Chavan, and Mr. Aditya Gawade

INDUSTRIAL VISIT- SEGREGATION AND RECOVERY PLANT




Industrial Visit SWM TYCE

Department of Civil Engineering arranged field visit on dated 23 Feb 2024 for TYCE students for the course SWM (22605) at Kariwade Sawantwadi, Solid waste Segregation and Recovery Plant as well as Vermi compost Plant. Mr. Pandurang Natekar, Sanitary Inspector Municipal corporation and Mr. Shivram Tawate, Plant Supervisor guided students about methods and machinery used for handling, segregation and disposal of solid waste and working of plastic recycling machine. Students also visited Vermi Composting Plant and Mechanical composting plant for disposal of wet waste. Visit coordinated by Ms H.S.Shaikh and Mr. V.D.Gawade

CONTRIBUTION IN PROJECT COMPETITION



Happy to announce result of Project Competition organized by Maharshi Parshuram college of Engineering, Velneshwar (Guhaghar) total 40 group participated in this competition. The above competition held on 5th March 2024 in which our Third year Civil Engineering students, Mr. Harshad Chavan, Mr. Manish Mayekar, Mr. Utkarsh Muldekar, and Mr. Nivas Kanade of YBIT (Diploma wing) Presented a capstone project entitled "Recharge ground water" guided by Civil Engineering Department Faculties and secured 4th prize  along with the cash prize of Rs.2000 and participation certificate.

MSBTE SPONSORED STATE LEVEL PAPER PRESENTATION COMPETITION



Inauguration Ceremony of

**MSBTE Sponsored Technical Paper Presentation Competition
(Mumbai Region)**



Hon. Mr. S. G. Taji sir,
Dy. Secretary,
MSBTE (Mumbai Region)

The department of Civil Engineering of YBIT, organised a “MSBTE sponsored State Level Paper Presentation Competition” on dated 17 April 2023 for Mumbai Region. For this competition students from 23 colleges had participated out of which 15 were selected for online presentation. The event began with an Inauguration Ceremony which was attended by Hon. Dr S. G. Taji sir, deputy secretary, MSBTE (Mumbai Region), Hon. Executive Chairman of SYBES Mr. Achyut Sawant-Bhonsale sir, jury members Mr. Deepak D Badekar , HOD of Civil department GP, Malvan and Mr. Rajesh Yadav sir director Krushnai Construction, Malvan, Principal of YBIT Mr. G. A. Bhosale sir and HoD of Civil Dept. Of YBIT Mr. P. P. Sawant sir. After the traditional lamp lighting ceremony Mr. P. P. Sawant sir did welcoming of all guests, addressed all the participants and gave them instructions about the event. Then our Principal Mr. G. A. Bhosale sir gave his best wishes to all the participants and encouraged them to participate more in such events. Hon. Dr S. G. Taji sir addressed everyone online from his office. He commended our institute as the best polytechnic in the region. He also urged the diploma students to increase their participation research work. Hon. Executive Chairman of SYBES Mr. Achyut Sawant-Bhonsale sir, also addressed all the participants and gave them his best wishes. Overall anchoring and vote of thanks for Inauguration Ceremony was done by Ms. H. S. Shaikh madam.

CONTRIBUTION IN NPTEL COURSE

Ms Hawabi Shaikh Lecturer in Civil Engg. Department of Yashwantrao Bhonsale Polytechnic, Sawantwadi for successfully completing AICTE approved 8 weeks (23/01/23 to 17/03/23) NPTEL course "Roadmap For Patent Creation " by IIT Kharagpur.

GUEST LECTURE ON “HABITAT EARTH”



On Date 16/03/2024 The department of civil engineering organized a guest lecture on “Habitat earth”. For second- and Third-year students. Dr. S. K. Patil, Vice Principal GIT, Level conducted this session. The Main objective of this session was to introduce our students about earth. Sir gave valuable information about earth, sun and shared the valuable thoughts about the same. This session was very interesting and Students got wonderful knowledge about said lecture which will help them in their future. This lecture was organized by Mr. P.P.Sawant Hod Civil Engineering Department and conducted by Mr. K.R.Manerikar.

GUEST LECTURE ON ROLE OF ARTIFICIAL INTELLIGENCE (AI)



Department of civil engineering conducted a guest lecture on 18/03/2024 on Emerging trends in civil engineering: Role of artificial intelligence (AI) for third year students. Dr. Sachin Jain Director, Jain associates conducted this session. The main objective of this session is Advancement as well as technology adoption will help to overcome many of these issues. Technology can help in all phases of construction i.e planning phase, construction phase and maintenance. AI will help in planning as well scheduling of construction project. AI can help in safety Robots can help in layout and inspection also Robots can be used for various construction activities. This lecture was organized by Bhivarabai sawant college of engineering and research Narhe Pune.

WEBINAR ON "STRUCTURAL AUDIT OF A BUILDING"



Department of Civil Engineering organised a Webinar on "Structural Audit of Buildings" on 19th March 2024, for the students of TYCE class. The webinar was delivered by Mr. Jabbar Mevekari, HOD, Department of Civil Engineering, Sanjeevan Institute of Engineering and Technology, Panhala. Following points were covered in the webinar- Case study of Structural Audit of a building, Government regulations regarding structural audits, Non-destructive tests, Different types of defects in RCC members. The event was hosted by Mr. P. D. Naik sir.

PARENT TEACHER MEET 2024



Yashwantrao Bhonsale Institute of Technology, Sawantwadi organised Parents Meet of all departments on 23rd March 2024. We organise parents meet every semester to share the progress of each department with the parents and to address the concerns of the parents. For today's parents meet all departments HOD's, all teaching and non-teaching staff & total 297 Parents were presents.

For today's parents meet all departments HOD's, all teaching and non-teaching staff & total 297 Parents were presents. Highlights of the meeting-

- ◆ TPO Mr. Milind Desai sir informed the parents about the different job opportunities and various TPO activities arranged this semester.
- ◆ Vice principal Mr. G. A. Bhosale sir informed the parents about the MSBTE academic calendar for the current semester and the efforts taken by the institute for improving the performance of our students. shared with the parents the details of different activities organised by YBIT and holistic development of staff deputed on FDP's.
- ◆ The principal of YBIT Dr. Raman Bane sir addressed the parents and underlined the importance of continuous education and specialization. Regarding the admission process, share the degree college information to parents.
- ◆ Event anchoring and Vote of Thanks was done by Mr. A. J. Prabhu sir.

STUDENTS CORNER



Green Building: Technological Solutions

Green buildings aim to reduce the overall impact of construction on human health and natural environment by efficiently using the energy water and other resources. There are a number of innovative technologies associated to green buildings that have sneaked into the society which includes:

Net Zero Energy Buildings:

Their specialty is to produce the same amount of energy as much as they consume i.e. usually on-site renewable energy systems like solar panels or wind turbines.

Integration of Smart Building Systems:

Integration of IOT (Internet of Things) & Building Management Systems to optimize energy usage, monitor air quality & efficient resource use.

CONTRIBUTION IN MSBTE EXAM

श्री यशवंतराव भोसले शिक्षण संस्था
YASHWANTRAO BHONSALE
INSTITUTE OF TECHNOLOGY

सिंधुदुर्ग जिल्ह्यातील अद्ययावत शैक्षणिक संकुल
यशवंतराव भोसले
इन्स्टिट्यूट ऑफ टेक्नॉलॉजी
(डिप्लोमा विंग)
भोसले नॉलेज सिटी, चराडे (बझारवाडी), ता. सावंतवाडी,

सर्व यशस्वी विद्यार्थ्यांचे मनःपूर्वक
दिपिनं पत्र

2nd YEAR 23-24

3rd YEAR 23-24

BHONSALE KNOWLEDGE CITY

CIVIL ENGINEERING RESULT SUMMER 2024 EXAM

1 st	2 nd	3 rd
 BARDE KESHAV BHAGWAN 83.30%	 DANTAST STELLA MANVEL 80.78%	 DALAVI PRAJYOT PRADEEP 80.74%
1 st	2 nd	3 rd
 PARAB BALKRISHNA SUSHIL 88.53%	 JADYE ADITYA DURGAPRASAD 87.74%	 PARAB DIVYA DIPAK 83.16%

श्री यशवंतराव भोसले शिक्षण संस्था
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1st YEAR 23-24

BHONSALE KNOWLEDGE CITY

CIVIL ENGINEERING RESULT SUMMER 2024 EXAM

1 st	2 nd	3 rd
 NARVEKAR AYUSH VISHAL 77.18%	 KODE DATTARAJ SANTOSH 73.08%	 GAWAS TANISHKA GURUDAS 72.69%

STUDENTS CORNER

**3D Printed Construction:**

Use of 3D printing to construct buildings with less waste and more efficient use of materials

Biophilic Design:

Incorporating elements of nature into the building's design to improve occupant health and well-being.

Besides, there are even more exciting future trends which are coming into this way includes:

Green Roofs and Urban Culture:

Increasing use of roofs for both energy efficiency and food production in urban settings

Promotion of Circular Construction Concept:

Promoting the use of materials that can be reused and recycled throughout a buildings' life cycle

Adaptive Reuse:

Adaptive retrofitting old building and making them green, reducing the need for new construction and conserving the resources.

After reviewing the points stated above, one can conclude that GREEN BUILDINGS play a crucial role in promoting sustainability and addressing the environmental challenges of the modern-day world. As more industries, governments and individuals adopt these practices, the transition towards sustainable development becomes more achievable.

Yash Vitthal Sawant
SYCE