



# **Civil-Constro**

BUILDING THE FUTURE ON THE FOUNDATION OF EXCELLENCE

**V. E. S. POLYTECHNIC**

**Department of Civil Engineering**

## **EDITORIAL**

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It gives us an immense pleasure to bring our third edition, Issue 2 of Civil-Constro, the half-yearly newsletter of Department of Civil, V. E. S. Polytechnic. Civil Engineering is the only branch of engineering which contributes directly towards the society and it is the oldest branch of engineering. Construction is an important front for solidifying the foundations of a thriving country and creating bases for the people's happy life. The current newsletter highlights the activities of our students and the achievements of faculty. The determination of Civil-Constro is to disseminate information about our department, and we hope that the readers find the issues informative and useful. We are thankful to the staff and students of our department for their valuable inputs, and we welcome suggestions and feedback that will help us improve further.

- Mrs. Sameeksha Patil  
Lecturer  
Civil Engineering Department

## MESSAGE FROM PROGRAM CO-ORDINATOR

Civil Engineering program established in the year 2018-2019 and has the distinction of being the one of the core departments in the institute. The department have modern, well equipped and adequate laboratories to fulfill the academic requirements as well as students need beyond the curriculum. The program curriculum combined with micro projects, internship and capstone project, produce fully competent professionals to face the challenges. Even in the pandemic situation faculties & students have taken active interest in the online teaching learning, co-curricular and extra-curricular activities.



*Mr. Aniket Thorat  
Program Co-ordinator  
Civil Engineering Department*



*“Take up one idea.  
Make that one idea  
your life; dream of it;  
think of it; live on that  
idea.*

*Let the brain, the  
body, muscles, nerves,  
every part of your  
body be full of that  
idea, and just leave  
every other idea alone.  
This is the way to  
success, and this is the  
way great spiritual  
giants are produced.*

*- Swami Vivekanand*

## **VISION**

*Provide sound civil engineering technocrats having sensitivity towards society and environment.*

## **MISSION**

- 1. Impart competency and right attitude to work in multidisciplinary environment.*
- 2. Develop cognitive and psychomotor skills and imbibe leadership attitude to be an entrepreneur.*
- 3. Inculcate ethical education fostering societal responsibilities*

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEO's):**

*After successful completion of this Diploma Program, an individual will be able to:*

- 1. Provide socially responsible, environment friendly broad-based solution to civil engineering related problems adapting professional ethics.*
- 2. Adapt state-of-the-art civil engineering broad-based technologies to work in multidisciplinary work environments.*
- 3. Solve broad based problems individually and as a team member communicating effectively in the world of work*

## **PROGRAMME SPECIFIC OBJECTIVES (PSO's):**

- 1. Construction Planning and Designing: Undertake optimal civil engineering construction planning and designing activities of desired quality.*
- 2. Execute civil engineering construction and maintenance design using the relevant material and equipment*

## **PROGRAMME OUTCOMES (PO's):**

- 1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.**
- 2. Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.**
- 3. Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.**
- 4. Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.**
- 5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.**
- 6. Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about Well-defined engineering activities.**
- 7. Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.**

## STAFF ACTIVITIES

Apart from the student's development, the department also focuses on faculty development so that the teachers can adapt themselves with the technological changes.

### Workshop Attended

- Mr. S. K. Rawat participated 3-day workshop on topic 'Insights of NBA' organised by KC College of Engineering and Management Studies & Research.
- Mr. S. K. Rawat attended 3-day workshop on topic 'Research Funding Projects & IPR (Part II)' organized by KC College of Engineering and Management Studies & Research

### Webinar Attended

- Mrs. Nyra H. attended webinar on topic 'Virtual Tour of India's Largest Cement Manufacturing Plant - Rajashree Cement Works' organised by AISSMS College of Engineering
- Mr. Aniket Thorat and Mrs. Nyra H. Narang attended webinar on topic 'Environment Health & Sustainability' organised by IGBT-VBIT SC and department of civil Engineering, VBIT
- Mr. Aniket Thorat attended webinar on topic 'Sustainable construction a Code based approach' organised by UltraTech Cement Ltd.
- Mr. Aniket Thorat participated in 26th online national conference on 'Technological innovations in workplace safety organized' by VPM'S Polytechnic, Thane.



*Self-examination not moral or spiritual, but secular – that is, a survey and analysis of local conditions in India and a comparative study of the same with those in other parts of the globe.*

*- Sir  
Mokshagundam  
Visvesvaraya*

### Paper Published

- Mrs. Sanika J. Kandalekar has published paper on 'Cold Mix Technology using Granite Waste and Rubber Waste in Road Construction' in International Journal of Advance Research, Ideas and Innovations in Technology.
- Mrs. Sanika J. Kandalekar has published paper on 'Planning and estimation of G+1 structure of the residential building' in International Journal of Advance Research, Ideas and Innovations in Technology
- Mrs. Fatema S. Trawadi has published paper on 'Planning and estimation of G+1 structure of the residential building' in International Journal of Advance Research, Ideas and Innovations in Technology.
- Mrs. Nyra H. Narang has published paper on 'Estimation of public building (office building) in google spreadsheet' in International Journal of Advance Research, Ideas and Innovations in Technology.

*All the powers  
in the universe  
are already  
ours.*

*It is we who  
have put our  
hands before  
our eyes and  
cry that it is  
dark.*

*- Swami  
Vivekanand*

## STUDENT ACTIVITIES

### Expert Lectures

- Pratik S Jadhav, Assistant Manager-Corporate Safety, H & R Johnson (India) Division delivered a lecture on 'Introduction to Industrial Safety'.
- Mr. Yogi Gandhi, CEO, Explora School of Design and Tech and Mr. Ninad Shastri, Director Explora School of Design and Tech delivered a lecture on '3D Printing and Digital Media Technology'.
- Mr. Vinod Bodhankar, Co-Director of Sagarmitra Abhiyan delivered a lecture on 'Public Participation in Plastic Waste Management'.

### Co-curricular Activities

- Leena Natish Koli, Diksha Laxman Jogdand presented paper in event 'Online APCORE Technothon-202'.
- Leena Natish Koli, Harsh Kumar Kate, Dhiraj Pradip Joshi attended webinar on 'Virtual Tour of India's largest cement manufacturing Plant Rajashree cement works-Malkhed (Gulberga)'
- Harsh Kumar Kate attended webinar on 'Emerging trends in civil engineering.'
- Diksha Laxman Jogdand attended webinar on 'Significance of environment in urban areas: issue and challenges, Prestressed concrete structure, Utilization of underground space for urban development'.
- Sufiyan Khan participated in 'SFD Environ Quiz competition'.
- Sufiyan Khan, Atharva Sawant, Ria rahul Gawai, Vijay Surendra gupta participated online quiz competition in event 'Dip Tech Euforia 2021'.
- Shreyas Anil Patane, Dhiraj pradip Joshi, Omkar Sunil Chavan, Bavdhane Gavrav Pandurang participated in 'DRIEM-TECHNO event' of project competition.

### Training Attended

- Mahesh Hande attended training on topic 'Environment health and sustainability' under IGBT-VBIT SC and department of civil Engineering, VBIT
- Diksha Laxman Jogdand, Leena Natish Koli attended training on topic 'Construction site Practices' under Chh.Shahu college of engineering, Aurangabad

Life as a VESP student is unique in its own way. Here studies are perfectly balanced with extracurricular activities to achieve overall development of the students. The professors here are expertise in their respective fields and as such are able to provide excellent technical knowledge to the student. From the past three years we have had a great bond with teaching staff, seniors and all the department staff. It gives everything one needs from a college and a developed network for life. The college provides exactly what you need for life. Proud to be a VESP student.

- Roshni Virwani



## Paper Published

- Shreyas Patane, Omkar Chavan, Dhiraj Joshi, Gavrav Bavdhane has published paper on 'Cold Mix Technology using Granite Waste and Rubber Waste in Road Construction' in International Journal of Advance Research, Ideas and Innovations in Technology.
- Sweta Gathe, Shivani Kirdat, Harshada Pansare, Tanvi Pawar, Keshar Lawane, Garsha Gaikwad, Roshni Virwani, Esha Palsmabkar has published paper on 'Planning and estimation of G+1 structure of the residential building' in International Journal of Advance Research, Ideas and Innovations in Technology
- Rohit Lassi, Sufiyan Khan, Om Dhonnar, Bhushan Allhat has published paper on 'Estimation of public building (office building) in google spreadsheet' in International Journal of Advance Research, Ideas and Innovations in Technology.

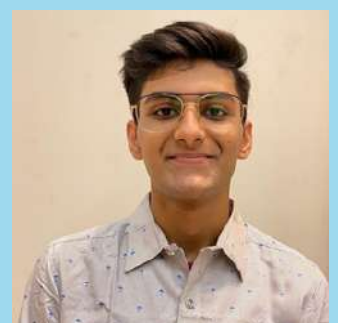
## RESULT ANALYSIS

The result analysis for Summer 2021 examination

Year	Total No. of students	Total No. of students passed	Passed %
First	44	41	93.18 %
Second	78	77	98.71 %
Third	46	46	100 %

VES Polytechnic was an investment for our future, and I am highly sure that this investment will never be a loss for us. From the last 3 years we have experienced a better environment for studies and a positive atmosphere for concentration. Our teachers are cooperative and encouraging supporting in every possible way. College also developed the best facility like labs and essential infrastructure, where we can have practical knowledge and be a better of ourselves and also while in the pandemic, the online classes were up to the mark in every aspect like teaching, discipline, and the online work which we were given. I'll thank VES Polytechnic for everything they have imparted to us.

- Omkar Chavan





# **Congratulations**

## The rank holders of Summer 2021 examination First Year

Rank	Name	Percentage
1	Kukreja Sagar Jagdish	89.45%
2	Koli Anisha Rajesh	88.79%
3	Jogdand Diksha Laxman	83.33%

## Second Year

Rank	Name	Percentage
1	Laheja Ayush Haresh	96.55%
2	Kamble Sandesh Ashok	94.55%
3	Gupta Vijay Surendra	93.88%

## Third Year

Rank	Name	Percentage
1	Patane Shreyas Anil	95.47%
2	Joshi Dhiraj Pradip	94.89%
3	Lassi Rohit Vasudev	94.16%



Patane Shreyas



Joshi Dhiraj



Lassi Rohit

I think the thing I enjoyed most in this college is due to the best faculty and the staff having well functioning libraries and laboratories that are organised well for the group to perform various practical tasks. The lecture is interactive not only during offline mode but also continuing with online lectures. Fortunately having a helpful staff right from admission they guide us as a mentor. Our college is well equipped with facilities that bring about the best in us. The homely environment, cooperative seniors and dedicating teachers makes the Fresher students feel that they have selected the exact and the best college.

- Vijay Gupta



# EDITORIAL TEAM



**Mrs. Sameeksha Patil**  
**Lecturer**  
**Civil Engineering Department**



**Sanjeet Haldankar**  
**Student**  
**Civil Engineering Department**



**Anisha Koli**  
**Student**  
**Civil Engineering Department**



**Ria Gawai**  
**Student**  
**Civil Engineering Department**

