



DEPARTMENT OF CIVIL ENGINEERING

**Technical Magazine** 

(E-Newsletter)

Editorial Board – Mr Khamkar U B Mr Charkpalle C V

Rehan Sayyed Patange Vaishnvi

2024-2025 May 2025 Issue -1 Shri Vishweshwar Shikshan Prasarak Mandal's

## VISHWESHWARAYYA ABHIYANTRIKI PADVIKA MAHAVIDYALAY

Dilip Nagar, Almala Tq. Ausa Dist. Latur - 413556 (M.S.)

Approved AICTE New Delhi, Affiliated to MSBTE Mumbai.

DTE Mumbai, Govt. of Maharashtra

Accredited by National Board of Accreditation, New Delhi











It gives me immense pleasure in welcoming you all at VAOM Almala. It is an institute where discipline and punctuality with conductive environment will provide quality education development in frontier areas of engineering. We, the faculty, staff and administration will work for producing technologically superior and ethically strong engineers for the country and the world with a purpose to serve the society & mankind. With strong team work we would achieve technological excellence in a highly competitive environment around us.

Holistic development of students is our key dictum as needs of the society has been changed. In our institute students are groomed in the atmosphere of harmony and freedom with the modern amenities like well structure building, workshops, computer labs with internet facilities, language lab, large playground, Wi-Fi campus, well- equipped labs etc.

Creating better human beings' is our motto and we can do that when we are able to mold our students to be good human beings with values which are embedded for life. We aim to provide an overall development that nurtures them towards becoming strong and focused human beings. Soft skills and educational skills is what the institution seeks to provide every student at the campus. We wish the best for all our students, and the members of the institution who reiterate their aims at providing the best in academic and extracurricular fields.

HOD MESSAGE



Civil Engineering department is one of the core departments of VAPM. Civil Engineering is a professional engineering discipline that deals with the Design, construction & maintenance of the physical and naturally built environment.

The motto of the department is to produce quality civil engineers with high technical competencies. The department has young & dynamic faculty members to nourish the students well equipped state-of the art laboratories like Concrete technology, soil & bitumen testing lab, Hydraulics, public health Engineering & Surveying etc.

The department organizes visits, workshops & training programs. The resources at the department both literary resources as well as equipment in laboratories facilitate the teaching leaning process and help students imbibe the theoretical and practical concepts. Students are not only made experts in technical aspects but also in interpersonal skills, a vital ingredient to excel in the fast faced world.



To provide quality technical education in rural area.

## **MISSION OF INSTITUTE**

- To imparts eco-friendly, advanced engineering knowledge.
- To inculcate ethical and moral values among budding engineers.
- Establishment of mentoring system for all-round personal and professional enhancement.
- To make students aware social and national responsibilities.
- To encourage students to pursue higher education and take competitive and career Enhancement courses.
- To create technology-based society, which is the need of modern era

## VISION OF DEPARTMENT

To become school of excellence that brings out quality civil engineers with high technical competencies

### MISSION OF DEPARTMENT

- To inculcate moral and ethical values among the student.
- To provide state of the art resources that contributes to a competitional learning environment
- To encourage students to pursue higher education and take competitive exams and various career enhancing courses.
- To impart knowledge with emphasis on the development of leadership qualities in students









## **PROGRAM OUTCOMES (Pos)**



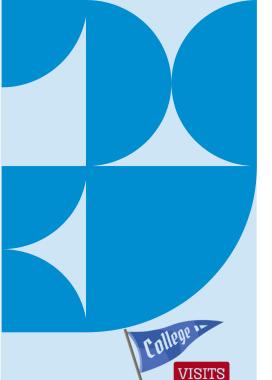
- **1. Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- **2. Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
- **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.

### PROGRAM EDUCATIONAL OUTCOMES (PEOs)

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

### PROGRAM SPECIFIC OUTCOMES (PSOs)

- **PSO 1: Construction Planning & Designing:** Perform Optimal Civil Engineering Construction, Planning & Designing Activities of Desired Quality at optimal cost
- **PSO 2: Construction Execution & Maintenance:** Execute Civil Engineering Construction , & Maintenances using relevant materials & Equipment's



2024

The Department of Civil Engineering of Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur College organized educational visit to, "Railway Station" Dist.- Latur for Diploma Civil Engineering students to study different aspects of Design of steel & railway Bridge engineering. Visit was organized as per MSBTE guidelines and recommendations regarding syllabus of Civil Engineering.

Visit was organized with the prior permission and under guidance of honorable Miss PANDIT V M. (Lecturer, V.A.P.M. Almala), Prof. Mr. Sabde P.U. (Head of Civil Engg Dept.), by the initiative and hard efforts of teacher MR. Banale V.R. (Lecturer, V.A.P.M. Almala) MR. UTGE S S (Lecturer, V.A.P.M. Almala), Miss Shaikh S M (Lecturer, V.A.P.M. Almala)

Students left the V.A.P.M. Campus for visit on 29 MAR 2025 at 11:00 am. Students carefully studied and observed the different Parts of Railway Track, Rails, Sleepers, Ballast, Station and Points, Crossings, Turnouts with their operations.

## **VISIT TO RAILWAY STATION**







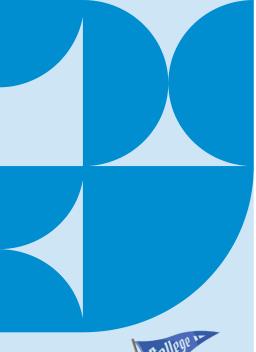


Our main purpose for this visit is to be familiar with industrial environment and to get practical knowledge of water treatment plant components. Also in 4th semester subject like Water and Waste water Engineering requires knowledge about how polluted water is being treated, so it is very much convenient to see all the practical and components in realtime work environment.











The Department of Civil Engineering of Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Ausa, Dist. Latur College organized educational visit to, Water Treatment Plant, Almala, Tq. Ausa, Dist. Latur for Diploma Civil Engineering students to study different aspects of Water Resource Engineering. Visit was organized as per **MSBTE** guidelines and recommendations regarding syllabus of Civil Engineering.

Visit was organized with the prior permission and under guidance of honorable Mr. Khamkar U B. (Lecturer, V.A.P.M. Almala), Prof. Mr. SABDE P.U. (Head of Civil Engg. Dept.), Mr. Utge S S. (Lecturer, V.A.P.M. Almala).

Students left the V.A.P.M. Campus for visit on 08 MAR 2025 at 12:00 Pm. Students carefully studied and observed the different Parts of Water Treatment Plant, Filtration Process, tests Conducted at the plant.



The Department of Civil Engineering of Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur College organized educational visit to, RCC STRUCTURE, Almala, Tq. Ausa, Dist. Latur for Diploma Civil Engineering students to study different aspects of RCC Visit was organized as per guidelines MSBTE and recommendations regarding syllabus of Civil Engineering.

Visit was organized with the prior permission and under guidance of honorable Mr. Khamkar U B. (Lecturer, V.A.P.M. Almala), Prof. Mr. SABDE P.U. (Head of Civil Engg. Dept.), Prof. Bnale V R

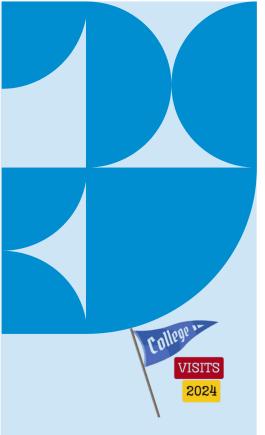
Students left the V.A.P.M. Campus for visit on 10 SEPT 2024 at 12:00 Pm. Students carefully studied and observed the different Components of RCC Structure, R/F details of Slab, Beam there bar bending schedule with proper explanation.

## **VISIT TO RCC STRUCTURE**









## VISIT TO CONCRETE & ADVANCE TECHNIQUES FOR CONCRETING

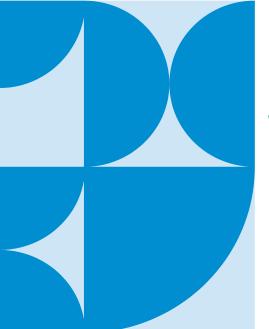








Students getting knowledge about Pumping Concrete



# College VISITS 2024

Department The Engineering Civil Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur College organized educational visit to, "Warwanti Waste Treatment Plant" Dist.- Latur for Diploma Civil Engineering students to study different aspects of Solid Waste Management Visit was organized as per MSBTE guidelines and recommendations regarding syllabus of Civil Engineering.

Visit was organized with the prior permission and under guidance of Miss. INDE R.P.(Subject Teacher), MR UTGE S S.(Lecturer) . Mr.BANALE V R ( Lect) Prof. Mr. SABDE P.U. (Head of Civil Eng. Dept.)

Students left the V.A.P.M. Campus for visit on 18 MAR 2025 at 11:00 AM. Students carefully studied and observed the solid waste collection, distribution & separation depending upon degradable and non-degradable waste

## **VISIT TO SOLID WASTE MANAGMENT**













The Department of Civil
Engineering of
Vishweshwarayya

Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur College organized Expert Lecture for Diploma Civil Engineering students to study different aspects of E tendering & Contractors License This Expert Lecture also useful for to cover content beyond the syllabus in MSBTE Syllabus of Civil Engineering.

Expert Lecture is delivered by Mr Ashish L
Bodke Managing Director of visvesvaraya Engineering
Training Institute gives
Detail Knowledge about filling E tender as per
Government Guidelines to

## EXPERT LECTURE – E Tending & How to Fill Online Tender









## **EXPERT LECTURE -**

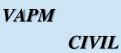
## Data Analysts certification Three days online workshop













The Department of Civil
Engineering of
Vishweshwarayya
Abhiyantriki Padvika
Mahavidyalaya, Almala, Tq.
Ausa, Dist. Latur College
organized Expert Lecture for
Diploma Civil Engineering
students to study Different
Software's used in civil

Expert Lecture is delivered by AIITM

Software Training Institute gives Detail Knowledge about Software's used in civil Engineering & there uses to Civil Engineering Students

Engineering as per MSBTE Syllabus of Civil Engineering.

## EXPERT LECTURE – Software's used in Civil Engineering

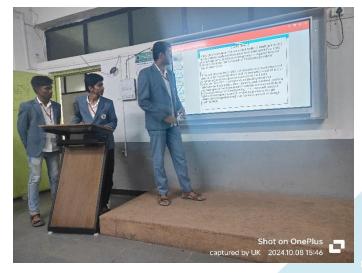


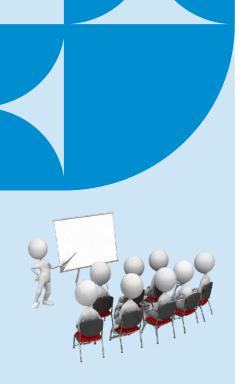














## Parent Meet – 2024 - To Encourage Weak Students

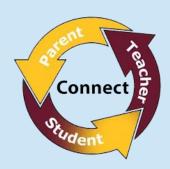




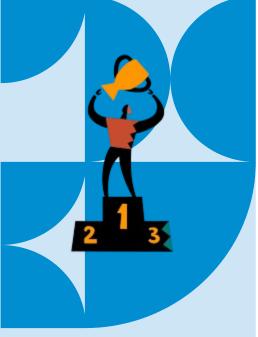


Welcome!









## Felicitation 2024 - To Encourage Bright Students



MORE PRATIK THIRD YEAR RANKER



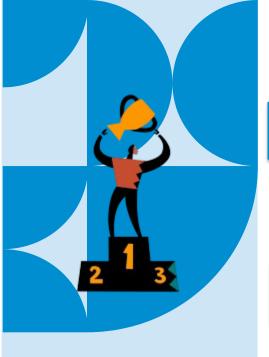
KADAM AMIT THIRD YEAR RANKER





WADILE VISHWAJEET THIRD YEAR RANKER





## Felicitation 2024 - To Encourage Bright Students

SHAIKH ASIM SECOND YEAR RANKER







JADHAV PRANAV SECOND YEAR RANKER



KANADE YASHRAJ SECOND YEAR RANKER



## Felicitation 2024 – Sports & Technical Event Encouragement













Felicitation 2024 – Faculty Encouragement 100 % Results in Subject

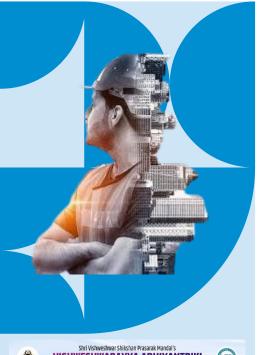












# Shri Vishweshwar Shikishan Prasarak Mandal's VISHWESHWARAYYA ABHIYANTRIKI PADVIKA MAHAVIDVALAYA ALMALA, TI, AUSA, DIST. LATUR - 4D520 (MAHARASHITA) 15° National Level Technical Event VISHWA COMPETITION CATAGAT STORES BOOK SELLER, LATUR STIONSOFERI IN CHE, SAMBHAJI NAGAR

## Technical Events - 2025

National Level
Technical Event
VISWVERTEX
2K25 Organized
By CESA under
ISTE in this
Paper
Presentation,
Project
Competition,
Quiz Competition
Conducted











## Shri Vishweshwar Shiishan Prasarak Mandal's VISHWESHWARAYYA ABHIYANTRIKI PADVIKA MAHAVIDYALAYA ALMALA, 10, AUSA, DIST. LATUR - 413520 (MAHARASHTRA)



QUIZ

...Sponsored by.....





VISHWA ERTEX Ids Destiny... 2 K 2 5



GATAGAT STORES BOOK SELLER, LATUR

....Sponsored by..... CHH. SAMBHAJI NAGAR



ENGINEERING DEPARTMENT





Sponsored by....



....Sponsored by

## Technical Events - 2025











## National International paper Publications

## PAPER PUBLICATION LIST A.Y.2024-25 CIVIL THIRD YEAR

SR. NO	NAME OF STUDENT / FACULTY	NAME OF PUBLICATION	TOPIC
	PROF. Khamkar Udaykumar	FUBLICATION	
1	Bhaskarrao	International Journal of Research in Engineering, Science and Management Volume 8, Issue 5, May 2025	Analysis and Design of Scissor Truss by STAAD Pro Software Method
	PROF. Banale Viki Ravi		
	Wadile Vishwajeet Shivshankar		
	Jawalekar Sushant Shivaji		
	Shelke Chaitanya Sujit		
	Ashtekar Prashik Manoj	1	
2	PROF. Revansidh Bukka	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 13 Issue IV Apr 2025	Application of Artificial Intelligence in Civil Engineering
	Pratik More		
	Amit Kadam		
	Samadhan Dongre		
	Amar Navne		
3	Prof. Mantri P N	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 13 Issue IV Apr 2025	Comparison between Normal Concrete and Ultra High Performance Concrete
	Prapti Suryawanshi		
	Swapnali Suryawanshi		
	Sakshi Bagehalli		
	Sakshi Chavan		
	Prof. KHAMKAR UDAYKUMAR	1, 11p1 2020	Engineering Properties of Concrete as a Partial Replacement of Coarse Aggregate by Jhamma Bricks (Over Burnt Brick)
4	BHASKARRAO	Journal of Emerging Technologies and Innovative Research (JETIR), May 2025, Volume 12, Issue 5	
	WAGANNA ANIKET JAGANNATH		
	RAUT SAMARTH SACHIN		
	MASNE SUDHANSHU VINOD		
	DUDHBHATE GOROBA BABURAO		
5	Prof. Khamkar Udaykumar B	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 13, Issue 5, May-2025,	Engineering Properties of Concrete as a Partial Replacement of Coarse Aggregate by Coconut Shell
	Prof. Inde Rajeshwari P		
	Prof. Halnure Khandeshwar M		
	Patange Vaishnavi M		
	Rupnavar Shradha A		
6	Prof. Mantri P N	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Volume 13 Issue V May 2025	Experimental Investigation on Replacement of Sand by Graded Quarry Dust in Concrete
	Lokhande Bhagyashri		
	Dandge Asmita		
	Pathak Anagha		
	Kudke Sneha		
7	Prof. Khamkar Udaykumar B	May 2025   IJIRT   Volume 11 Issue 12   ISSN: 2349-6002	Roof Top Rain Water Harvesting System for Svspm Campus Almala Ausa
	Prof. Pandit Vaishnavi M		
	Chandure Radha D		
	Gaikwad Rajnandini R		
	Tenkale Vedshree B		
	Shete Samrudhi S		
8	Prof. Pravin U. Sabde	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 13, Issue 4, April-2025	Use of Plastic on Strengthening of Sub Grade Soil
	Sagar Gajanan Hanumant		
	Sayyad Rehan fatru		
	Swami Rudrakash Balaji		
	Gondnar Yash Mahadev		



Shri Vishweshwar Shikshan Prasarak Mandal's

ALMALA, TQ. DIST. LATUR







## **CONGRATULATIONS TO ALL TOPPERS!**



**DEPARTMENT: CIVIL ENGINEERING** 



अष्टेकर प्रशिक ९२.४०%













93.80%



93.30%





99.60%



मोरे प्रतिक ९४.७**०**%

टेंकाळे वेदश्री

92.60%

वाघन्ना अनिकेत 98.20%

93.66%

चांद्रे राधा 33.60%

दांडगे अस्मिता

99.00%

93.43%

जाधव रोहन ९०.५९%







90.90%



कानडे यशराज

97.00%



शेख सोहेल

90.60%







