

# 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



2023-24

May  
2024



## DEPARTMENT OF CIVIL ENGINEERING

Technical Magazine  
(E-Newsletter)



Editorial Board

Mr. Khamkar U. B.

Mr. Charakpalle C. V.

# Principal's Desk

Prashant S. Dharashive

It gives me immense pleasure in welcoming you all at VIET Almala. It is an institute where discipline and punctuality with conducive 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 mould 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 extra-curricular fields.



# HOD DESK

Sabde Pravin Udhavrao



Civil Engineering department is one of the core departments of VIET. 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 learning 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.

**VAPM CIVIL**

# Editorial Desk 1

Khamkar U. B.

Welcome to all the readers.....

We are very happy to introduce our bimonthly newsletter. As we all know, a newsletter mirrors a college- its vision and mission. It also highlights the event, activities, academic progress and achievements of students. Contribution of teachers and other crucial information related to Technical field are also incorporated in it. In this edition, we have tried to capture the activities. I do hope that the newsletter encourages many more including students to use it as a platform to express their creativity. Please feel free to offer any suggestion for improvement. Is well known for its academic excellence and dedicated approach towards dissemination of knowledge in the academic world. The College appreciates the role of research in education and is committed to developing an inclination towards research in both faculty and students.

Vishweshwarayya Abhiyantriki Padvika Mahavidhyalaya, Almala is well known for its academic excellence and dedicated approach towards dissemination of knowledge in the academic world. The College appreciates the role of research in education and is committed to developing an inclination towards research in both faculty and students.



# Editorial Desk 2

Charakpalle C. V.



I feel the newsletter will bring forth the hidden talents of our future managers. It will sharpen the students in their writing skills, creativity, and logical thinking.

It will increase management skills through prompt action and clear communication. As we know Johari window is one of the tools of team building, hence, the more we discover the inherent talents of our students, there will more coercion and team spirit. They will be well groomed to take the responsibility of managers in their future mission.

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## VISION OF INSTITUTE

To provide quality technical education in rural area.

## MISION OF INSTITUTE

- To impart 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

## MISION OF DEPARTMENT

- To inculcate moral and ethical values among the student.
- To provide state of the art resources that contributes to a competition 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



**MISSION**

Learn quickly, learn well, learn to work, learn to work with others, learn to work with the world.



**VISION**

Learn quickly, learn well, learn to work, learn to work with others, learn to work with the world.

## PROGRAM OUTCOME (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 analyze 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

## VISIT TO MANJRA DAM, DHANEGAON, Tq. KAIJ, Dist. BEED



The **Department of Civil Engineering** of **Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur** College organized educational visit to, MANJRA DAM, Dhanegaon, Tq. Kaij, Dist. Beed 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 honourable Mr. MANTRI P.N. (Lecturer, V.A.P.M. Almala), Prof. Mr. SABDE P.U. (Head of Civil Engg. Dept.), by the initiative and hard efforts of Class teacher of CE5I

Students left the V.A.P.M. Campus for visit on 09 Sept. 2022 at 10:00 am. Students carefully studied and observed the different Parts of Dam, Spillway, Gallery, etc.

### PURPOSE OF VISIT

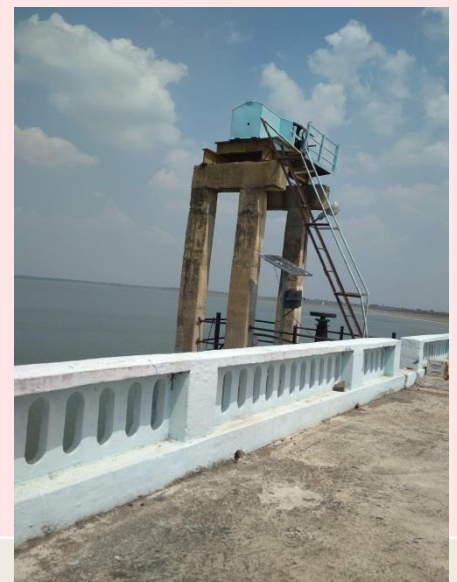


Our main purpose of the visit was to be familiar with experience of field work and to get practical knowledge of routing of canal and directing water through dams and distribution of water. Students of civil branch will get the idea of dams and canals and their purposes. Students will also get familiar with catchment area, hydraulic gates, and level of water, Gallery of Dam wing wall and body wall.

Manjara Dam, is an earthfill dam on the Manjara River near keij Beed and Kalamb Osmanabad in state of Maharashtra in India. Till September 2016, the reservoir

completely dried up, after four years of no rainfall. At end of September 2016 the reservoir full.

The height of the dam above lowest foundation is 25 m (82 ft) while the length is 4,203 m (13,789 ft). The live water storage capacity is 0.115 km<sup>3</sup> (0.028 cu mi).



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**PRATHAM EDUCATIONAL TRAINING  
CENTRE KILLARI Tq. AUSA, Dist. LATUR.**



The **Department of Civil Engineering** of **Vishweshwarayya Abhiyantri Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur** College organized educational visit to, **PRATHAM EDUCATIONAL TRAINING CENTRE KILLARI Tq. AUSA, Dist. LATUR** for Diploma Civil Engineering students.

Students left the V.A.P.M. Campus for visit on 13 Sept. 2023 at 12:00pm.



Centre expertise showing the practical workout for brick work.



Students performing brick masonry work practical.



Faculty Explaining about Steel detailing of foundation.

**VAPM CIVIL**



**VISHWESHWARAYYA PUBLIC  
SCHOOL.LATUR Dist. LATUR.**



The **Department of Civil Engineering** of **Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. Ausa, Dist. Latur** College organized educational visit to, **VISHWESHWARAYYA PUBLIC SCHOOL, LATUR Dist. LATUR** for Diploma Civil Engineering students.

Students left the V.A.P.M. Campus for visit on 06 Sept. 2023 at 12:00pm. With the faculties Mr.Khamkar U B 2) Mr.Mantri P N 3) Mr.Banale V R 4) Mr.Utge S S 5) Miss.Pandit V M



Post Tension Slab casting  
preparation of Freyssinet cable  
binding..



Faculty explaining about Steel  
Design of slab.

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**Water Treatment Plant, ALMALA Tq.  
AUSA. Dist. LATUR.**



The Department of Civil Engineering of **Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Tq. 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. BANALE V R. (Lecturer, V.A.P.M. Almala), Prof. Mr. SABDE P.U. (Head of Civil Engg. Dept.), by the initiative and hard efforts of Class teacher.

Students left the V.A.P.M. Campus for visit on **13 Oct. 2023 at 12:00 P.M.** Students carefully studied and observed the different Parts of Water Treatment Plant, Aerator, etc.

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 5th semester subject like Public Health Engineering requires knowledge about how polluted water is being treated, so it is very much convenient to see all the practical and components in real time work environment.

**Purpose of Visit**



# EXPERT LECTURE

GUEST LECTURE TO CIVIL ENGINEERING  
STUDENTS REGARDING CARRIER  
OPPORTUNITIES B YEDUCAD SOLUTION




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## VISIT AND EXPERT LECTURE DETAILS



 <p style="text-align: center;"> <b>Shri Vishweshwar Shikshan Prasarak Mandal's</b>  <b>Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya</b>  Dilip Nagar, Almala Tq. Ausa Dist. Latur - 413556 (M.S.)  Approved AICTE New Delhi, Affiliated to MSBTE Mumbai  <b>CIVIL ENGINEERING DEPARTMENT</b>  <b>2023-24</b> </p>			
SR.NO	VISIT	COURSE RELATED	FACULTY
1	EDUCATION VISIT TO VISHWESHWARAYYA PUBLIC SCHOOL, LATUR	BUILDING CONSTRUCTION (CE-3I)	
2	EDUCATIONAL VISIT TO PRATHAM EDUCATIONAL TRAINING CENTER, KILLARI, LATUR	ALL CE STUDENTS	
3	EDUCATIONAL VISIT TO WATER TREATMENT PLANT	PUBLIC HEALTH ENGINEERING (CE-5I)	
4	EDUCATIONAL VISIT TO SOLID WASTE MANAGEMENT PLANT	SOLID WASTE MANAGEMENT (CE-6I)	
SR.NO	GUEST LECTURE	COURSE RELATED	FACULTY
1	CARRIER OPPURTUNITIES IN CIVIL ENGINEERING	ALL CE STUDENTS	
2			



# Felicitations!



**KADAM  
PRANITA THIRD  
YEAR**



**VAPM CIVIL**



# Felicitations!



**MORE PRATIK  
SECOND YEAR**



**VAPM CIVIL**



# Felicitations!



**SHAIKH ASIM  
FIRST YEAR**



**JADHAV  
PRANAV FIRST  
YEAR**



**KANADE  
YASHRAJ FIRST  
YEAR**

**VAPM CIVIL**



# TECHNICAL EVENT



Shri Vishweshwar Shikshan Prasarak Mandal's

**VISHWESHWARAYYA POLYTECHNIC**  
ALMALA, TQ. AUSA, DIST. LATUR - 413520 (MAHARASHTRA)

ORGANIZES

**VISHWA VERTEX 2K24**

14<sup>th</sup> National Level Technical Event

28<sup>th</sup> FEBRUARY 2024

Shri. Shivcharan Dharashive  
President

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*Project Competition*  
*CAD Master*  
*CODE Vista*  
*Quiz Competition*

Shri Vishweshwar Shikshan Prasarak Mandal's

**VISHWESHWARAYYA POLYTECHNIC**  
ALMALA, TQ. AUSA, DIST. LATUR - 413520 (MAHARASHTRA)

ORGANIZES

**VISHWA VERTEX 2K24**

14<sup>th</sup> National Level Technical Event  
28<sup>th</sup> February 2024

**QUIZ  
COMPETITION**

Shri Vishweshwar Shikshan Prasarak Mandal's

**VISHWESHWARAYYA POLYTECHNIC**  
ALMALA, TQ. AUSA, DIST. LATUR - 413520 (MAHARASHTRA)

ORGANIZES

**VISHWA VERTEX 2K24**

14<sup>th</sup> National Level Technical Event  
28<sup>th</sup> February 2024

**CAD MASTER**

# TECHNICAL EVENT



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# TECHNICAL EVENT PRIZE DISTRIBUTION





## SOCIAL ACTIVITIES



## पुण्य नगरी

### तारुण्यकाळ तरुणांच्या आयुष्यातील सुवर्णकाळ : दीपाली केळकर

**औसा :** तारुण्य काळ हा तरुणांच्या आयुष्यातील सुवर्णकाळ असतो. त्या सुवर्णकाळात स्वतःला ओळखा, स्वतःमधील क्षमता ओळखा आणि त्याचा उपयोग एक सुंदर आयुष्य निर्माण करण्यासाठी करा, असे आवाहन वृत्त निर्देशिका दिपाली केळकर यांनी केले.

औसा तालुक्यातील आलमला येथील श्री विश्वेश्वर शिक्षण प्रसारक मंडळ संचालित विश्वेश्वरच्या अभियांत्रिकी पदविका महाविद्यालयात महिला सरासरीकरण विभागांतर्गत महिला दिनानिमित्त आयोजित मनप्रसन्न या कार्यक्रमात विद्यार्थ्यांनी संवाद साधून त्या योतत होत्या. व्यासपीठावर संधेचे संचय बसवराज धाराशिवे, सहसंचय महारवे खिचडे, महाविद्यालयाचे प्राचार्य प्रशंत धाराशिवे, उपप्राचार्य गोपाळ रीडे, ज्युनियर इंटरनॅशनल स्कूलच्या प्राध्याप्या स्वाती कापसे, विपमाला धाराशिवे, डॉ. अनुराधा धाराशिवे, मेघा धाराशिवे, विद्या कापसे



उपस्थित होते. प्रस्ताविकात महाविद्यालयाचे प्राचार्य प्रशंत धाराशिवे यांनी महाविद्यालयाचे केलेल्या वहाली वाट्यालीचा व प्रगतीचा आढावा सांगतानाच विद्यार्थ्यांचा सर्वांगीण विकास साधला जावा हा उद्देश ठेवून समोर देऊन अशा कार्यक्रमांचे आयोजन करण्यात येत असल्याचे सांगितले. विद्यार्थ्यांदरम्यान विद्यार्थ्यांचे केल्या जाणाऱ्या संस्कारातून पुढील जिवन सुखकर बनते. यासाठी महाविद्यालयात विविध उपक्रमांच्या माध्यमातून विद्यार्थ्यांचा गुणवत्ताकच नव्हे तर सर्वांगीण विकास साधला जात

असल्याचे सांगितले. पुढे योलाताना दिपाली केळकर म्हणाल्या, मनाचा प्रवास हा आयुष्य जगत असताना सत्य, रज, तम या तीन रंगातून होत असतो. त्यामुळे आपण कोणत्या रंगाला महत्व द्यावे हे मनाच्या जाणीवेतून ठरवावे. माणसाच्या मनाची सुंदरता ही चांगल्या चिन्हातून, चाचनातून तसेच तुमच्या मनावर असणाऱ्या अंतरंगावर अवलंबून असते. मनावर बाह्य रंग महत्वाचे नसतात तर तुमच्यामध्ये असणाऱ्या गुण, अंतरंग यावरच मनाची सुंदरता अवलंबून असल्याचे सांगितले.

तसेच मनाची संवेदनशिलता म्हणजे तुम्ही जे पाहू काय कराल ते मनापासून करा, डबकू करा, असुण्यात चांगले -वाईट, यश-अपयश पचवून पुढे जाणे म्हणजे मनाचे सामर्थ्य होय. वास्तवी मनप्रसन्न असावे मरजेचे आहे. माणसाचे आयुष्य म्हणजे जन्म ते मृत्यू यांमधून प्रवास, आयुष्यामध्ये भोग आणि त्यामधून समाधान असणे आवश्यक आहे. त्याप्रमाणेच विद्यार्थ्यांनी सुलभ आयुष्यामधून समाधान साधणे मरजेचे असल्याचे सांगून त्यांनी मनाची सुंदरता, मनाची प्रगल्भता, मनाचे आरोग्य, सामर्थ्य, मनाचे रंग, मनाची संवेदनशिलता, म्हणजे, मनाचे शोक अशा स्वास्थ्य दयावी निमित्ताने विश्वेश्वरच्या अभियांत्रिकी पदविका महाविद्यालयाच्या विद्यार्थ्यांशी संवाद साधला. कार्यक्रमास महाविद्यालयातील सर्व विभागप्रमुख, प्राध्यापक, शिक्षक कर्मचारी व विद्यार्थी मोठ्या संख्येने उपस्थित होते. मुद्रासंचालन प्रा. परमेश्वर खंडागळे यांनी केले.

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मुख्याध्यापक व गुणवंत विद्यार्थी सत्कार सोहळा



VAPM CIVIL



## ACTIVITIES BY FACULTY



## ‘विश्वेश्वरय्या’ ला मिळाले आधुनिक काँक्रीट मिक्सरचे पेटंट



**औसा :** औसा तालुक्यातील आलमला येथील श्री विश्वेश्वर शिक्षण प्रसारक मंडळद्वारा संचालित विश्वेश्वरय्या अभियांत्रिकी पदविका महाविद्यालयातील प्राचार्य प्रशांत धाराशिवे, स्थापत्य अभियांत्रिकी विभागातील विभागप्रमुख प्रा. प्रविण साबवे, प्रा. रेवणसिध्द बुक्का व प्रा. चंद्रशेखर चरकपळे यांनी मल्टी डायरेक्शन एक्सियल क्लिल, वेट मिक्स बोलन्स हॉपर, वॉटर टंक, ऑटोमॅटिक रोटेसन टायम्पर, वातावरणाचा थर्मामीटर आणि जि.पी.एस. ट्रॅकर याचा समावेश असलेल्या आधुनिक काँक्रीट मिक्सरला पेटंट कार्यालय, भारत सरकार यांच्याकडून पेटंट प्राप्त झाले आहे.



हे काँक्रीट मिक्सर समाजातील सर्व बांधकाम व्यावसायिकांना त्यांच्या बांधकाम व्यवसायात मदतीचे ठरणार असून त्यामुळे काँक्रीटची गुणवत्ता तसेच गर्दीच्या ठिकाणी किंवा कमी जागेमध्ये या मिक्सरचा वापर करता येणार आहे. या काँक्रीट मिक्सरमध्ये काँक्रीट तयार करण्यासाठी लागणाऱ्या घटकांचा म्हणजे सिमेंट, वाळू, खडो

आणि पाणी यांचे अचूक प्रमाण मोजण्याचे स्वयंचलीत यंत्र बसवलेले आहे. त्यामुळे या काँक्रीट मिक्सरद्वारे अचूक काँक्रीटचे काम होण्यास मदत होणार आहे.

विश्वेश्वरय्या अभियांत्रिकी पदविका महाविद्यालयाच्या स्थापत्य अभियांत्रिकी विभागातील प्राध्यापकांना आपल्या शिक्षणाचा समाजाला उपयोग व्हावा

म्हणून सदर प्रकल्पाची संकल्पना मांडून अंमलात आणली आणि त्यास पेटंट कार्यालय, भारत सरकार यांच्याकडून मान्यता प्राप्त झाली.

या यशाबद्दल स्थापत्य अभियांत्रिकी क्षेत्रातील सर्वस्तारातून अभिनंदनाचा वर्षाव तसेच संस्थेचे अध्यक्ष शिवचरण धाराशिवे, उपाध्यक्ष प्रभाकर कापसे, सचिव बसवराज धाराशिवे, सहसचिव महादेव खिचर्डे, संस्थेचे प्रशासकीय अधिकारी योगेश धाराशिवे, विश्वेश्वरय्या औद्योगिक प्रशिक्षण संस्थेचे प्राचार्य गोपाळ दंडे, प्रा. अंकुश विडवे, महाविद्यालयातील सर्व विभागप्रमुख, प्राध्यापक व शिक्षकेतर कर्मचारी यांनी अभिनंदन केले आहे.





## SPORT ACTIVITY



**विश्वेश्वरया प्रिमीअए लिग-शालेय क्रिकेट स्पर्धा-२०२३ ची सांगता**  
**● फलाईंग किड्स हायस्कुल, धाराशिव चा संघ विजेता ●**





## CULTURAL ACTIVITIES



VAPM CIVIL





Shri Vishweshwar Shikshan Prasarak Mandal's  
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**MSBTE SUMMER EXAMS 2024**



**CONGRATULATIONS TO ALL BRANCH STUDENTS !**



**कु. प्रज्ञा क्षीरसागर ९५.८९ टक्के गुण घेऊन महाविद्यालयात प्रथम**  
९० टक्के पेक्षा अधिक गुण घेऊन उत्तीर्ण झालेले ४४ विद्यार्थी | ६० टक्केपेक्षा अधिक गुण घेऊन उत्तीर्ण झालेले ७२९ विद्यार्थी

**तृतीय वर्षातील  
गुणवंत विद्यार्थी**



**द्वितीय वर्षातील  
गुणवंत विद्यार्थी**



**प्रथम वर्षातील  
गुणवंत विद्यार्थी**



**हार्दिक  
आभिनंदन!**

**बसवराज धाराशिवे**

• सचिव, श्री. विश्वेश्वर शिकशन प्रसारक मंडळ, आलमला  
f basavaraj@tharashive tharashivebbs basavarajtharashive



Shri Vishweshwar Shikshan Prasarak Mandal's  
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BRANCH STUDENTS



**हार्दिक  
आभिनंदन!**

सर्व गुणवंत विद्यार्थ्यांचे  
संस्थेच्या व महाविद्यालयाच्यावतीने

**बसवराज धाराशिवे**

• सचिव, श्री. विश्वेश्वर शिकशन प्रसारक मंडळ, आलमला  
f basavaraj@tharashive tharashivebbs basavarajtharashive

**VAPM CIVIL**

