



Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

**SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF
ENGINEERING, YADRAV-ICHALKARANJI**

An Autonomous Institute

Department of Civil Engineering

The Biannual Newsletter of Civil Engineering Department

(2020-2021)

‘Sthapathya Vaarta’

Vol: 6, Issue: 1

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HOD Message:



Dr. A. K. Gurav, HOD

This is my first interaction with the stakeholders of SITCOE. It gives me an immense pleasure to interact with all stakeholders through this News Bulletin ‘**Sthapathya Vaarta**’. This is outcome of all the activities conducted by the civil engineering department in the last semester. The editorial team has taken lot of efforts in collecting and presenting it in the News Bulletin. On behalf of Civil Engineering department, I am thankful to Exe. Director Shri Anil A. Bagane and Principal Dr. S. A. Khot for their continuous motivation.



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List of DAAB Members

Following are the DAAB members of the department

Sr. No.	Name of person	Designation	Email
1	Dr. A. K. Gurav	Head of Department , Head of DAAB	akgurav@gmail.com
2	Mr. R. M. Garud	Secretary, DAAB	ravindragarud65@gmail.com
3	Prof. Dr. S. N. Tande	Other Academic Institute Faculty, Member	sntande1@rediffmail.com
4	Prof. Dr. R.V.Raikar	Other Academic Institute Faculty, Member	rvraikar@gmail.com
5	Mr. S. S.Deshpande	Industry Person , Member	subhash81086@gmail.com
6	Mr. Nitin Patil	Industry Person ,Member	nitinpatil2910@gmail.com
7	Mr. Shrenik Patil	Parent, Member	Shrenikpatil67@gmail.com
8	Mr. Y. S. Patil	Academic Co-ordinator & NBA Coordinator, Member	patil_yogesh1988@rediffmail.com
9	Dr. K. A. Bhagate	Senior Faculty, Member	Kbhagate@gmail.com
10	Mr. Yogesh Kulkarni	Senior Faculty, Member	kulkarniyogeshu@gmail.com
11	Mrs. M. V. Sable	S.E Class Teacher – A Div., Member	manali.borgave6@gmail.com
12	Mr.R. M. Garud	S.E Class Teacher - B Div., Member	ravindragarud65@gmail.com
13	Mrs.S.P.Madnaik	T. E. Class Teacher, Member	patilsnecv@gmail.com
14	Mr. S. B. Chougule	B. E. Class Teacher, Member	sandy.sac1008@gmail.com
15	Mr. Vivekanad Kabadi	Alumni, Member	vivekanandkabadi@gmail.com
16	Mr.Akshay Lotake	Alumni, Member	lotakeakshay25@gmail.com
17	Ms.Shreya Gangadhar	Current student B.E. Class, Member	shreyagangdhar10008@gmail.com
18	Ms.Rutuja Kutawade	Current student T.E. Class, Member	Rutujakutwade2001@gmail.com



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• **Welcome to New Faculty**



Ms. Jyoti Omprakash Oza , M.E.(structure)

Email-id – jyotioza8149@gmail.com

Contact no: +91 8149759549, +91 8208733051

Technical skills

- **Technical software:** Auto CAD, STAAD pro, ETABS, SAP
- **Operating system:** Windows
- **Office suits:** Power point, Excel, Word

Projects Undertaken

- Study of geo-synthetic interface as a foundation isolator to improve the seismic performance of building by using shake table tests.
- Performance based design of steel moment resisting frame (SMRF) for different target drift.

Work Experience and Extracurricular

- Attended a STTP on structural health monitoring and strengthening of concrete structure in “Concrete Fest 2K17” held at SGI, Atigre.
- Attended workshop on non-destructive testing of concrete structures in “Concrete Fest 2K17” held at SGI, Atigre.
- Participated in one week STTP on ‘Infrastructure Development: Possibilities and Challenges Ahead’ Organized by Department of Civil Engineering, New Horizon Institute of Technology and Management, Thane from 25/05/2020 to 29/05/2020.
- Attended a national level workshop on “Revised Seismic Codes- Impact on Structural Design Construction and safety of building” held at SGI, Atigre.



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- **Welcome to New Faculty**



Mrs. Sneha Pankaj Madnaik , M.E.(C&M)

Email: patilsnecv@gmail.com

Phone: +919075769391

Work Experience

- Worked as an Assistant Professor in Dr. J. J. Magdum College of Engineering, Jaysingpur from 9th December 2015 to 18th May 2020.
- Worked as an Assistant Professor in Sanjay Ghodawat Institute, Atigre from Sept 2012 to April 2014.

Technical skills

Software: Auto CAD, MSP.

Publications

- Published paper on Embodied energy audit of residential building in IJSRD, January 2015



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- **Welcome to New Faculty**



Prof. Sandeep B. Chougule, ME (Environmental Engineering)

Email ID: sandy.sac1008@gmail.com

Phone no:9975003984

Work Experience

- Worked as Assistant Professor in D.Y. Patil University, Ambi, Pune with teaching experience of 8 Years and industry experience of 6 Months.
- Ph.D (Pursuing) - JJTU, Rajasthan.

Publications

A. International Journals: -

1. Sandeep B. Chougule, " Use of Pipe Filtration System for Treatment of Grey Water from Households" at "International Journal of Pure and Applied Research in Engineering And Technology"

B. National Conference

1. Sandeep B. Chougule, "Effective use of red mud in concrete making", APCOER, Pune
2. Sandeep B. Chougule, "In pipe filtration system for grey water treatment", Solapur University



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- **Welcome to New Faculty**



Mrs. Manali Vishal Sabale, (M.E,Structures)

Email: manali.borgave@gmail.com

Mob.no.: +91 8149745354

- **Details of Teaching Experience** - 5 years
- **Research Papers Published/Presented-** 3 international papers
- **Seminar/ Workshop/ Conference/FDP attended-** 12 Seminar/ Workshop/ Conference/FDP
- **Research Area:** -
 1. Concrete Design.
 2. Deep beam.
- **Technical Skills:** - Auto-Cad, Computer Skills: M S Office, Primavera
- **Membership of Professional Society:** Life member of Indian Society for Technical Education (ISTE)
- **Book(s)/Other Literature Published:** 1 book is published in LAMBERT Academic Publishing Germany.



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- **Welcome to New Faculty**



Miss: Akshata R. Kothale, M.Tech (Environment and WRE)

Email id: akshataKothale94@gmail.com

Mobile no: 7057578985, 9011860937

Work Experience

- Worked as lecturer in Government Polytechnic Pune for two years (2018-2020)
- Worked as Junior Engineer in **Suda Infrastructures Pvt. Ltd.** for two years (2016-2018)

Computer Skills

ARC-GIS, AutoCAD, RIBASIM, PYTHON, EXCEL, WATER GEMS

Research Papers Published/Presented

- Published Research Paper in International Conference on Advances in Civil and Structural Engineering (2020), organized by Karad Government College, Karad.
- Study of Solid Waste Management using Advances in Construction Geospatial tools”, International conference on Technology and Management on 11th and 12th March



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- **Welcome to New Faculty**



Mr. Yogesh Uday Kulkarni, M.E.(Structures)

Contact No: 9922950870

E-mail:kulkarniyogeshu@gmail.com

Work Experience

- Teaching Experience of 15 years, as Assistant Professor and industry experience of 1 yr.

Field of Specialization:

- Structural Engineering: Design of Steel Structures.
- Concrete Technology: High Performance Concrete.

Membership of Professional Bodies:

- Life member, Indian Society for Technical Education. (LM 80507)

Software Skills:

- **AutoCAD:** 2D Building Drawings (Architectural and Structural)
- **STAADPro :** Designing of RCC and Steel structures(Intermediate level)

Research Publications:

- “Assessment of early age shrinkage cracks in higher strength concrete: A review”, Indian Concrete Journal (ICJ). Submitted in March2020 (Under review)
- “Application of geoinformatics for landslide susceptible analysis in Konkan region, Maharashtra” International Journal of Research Publication in Engineering and Technology, Feb 2017, Volume 3, Issue 2, ISSN 2454-7875.



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• List of STTP/Workshop/Training Attended in A.Y. 2020-21

Sr. No.	Name of faculty	Name of STTP/Workshop/Training Attended	Organizing agency	Dates	National/ International
1.	Mrs. M V Sabale	Waste Technology	IILM College of Engineering and Technology. (ATAL)	27 th Jan-31 st Jan 2021	National
2.	Mr. R M Garud	Scientific Approach To Vastushastra In Building Planning Part II	Sharad Institute Of Technology, Polytechnic College, Yadrav	21 st Jan-26 th Jan 2021	National
3.	Mrs. M V Sabale	Scientific Approach To Vastushastra In Building Planning Part II	Sharad Institute Of Technology, Polytechnic College, Yadrav	21 st Jan-26 th Jan 2021	National
4.	Mrs S P Madnaik	Earthquake Engineering	College Of Engineering Pune (ATAL)	4 th Jan- 8 th Jan 2021	National
5.	Mrs. M V Sabale	Earthquake Engineering	College Of Engineering Pune (ATAL)	4 th Jan- 8 th Jan 2021	National
6.	Mrs S P Madnaik	Global Navigation Satellite System	Nit, Mizoram (Atal)	18 th Dec- 22 nd Dec 2020	National
7.	Mr. Y S Patil	Construction Technology	Gayatri Vidya Oratishthan College For Degree And PG	7 th Dec-11 th Dec 2020	National
8.	Mrs. M V Sabale	Design Thinking	Vidyalankar Institute Of Technology (ATAL)	7 th Dec-11 th Dec 2020	National
9.	Mr. A B Jadhav	Advancement In 3D Printing And Future Scope	Symboisis Institute Of Technology (ATAL)	8 th Dec-12 th Dec 2020	National



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10.	Mr. A B Jadhav	Emerging Applications Of Geographic Information System	Aissms College Of Engineering Pune	30 th Nov-5 th Dec 2020	National
11.	Mr. Y U Kulkarni	Advances In Construction Technology And Sustainable Materials	G.H. Raison Institute Of Engineering And Technology, Pune	20 th Oct-24 th Oct 2020	National
12.	Mr. R M Garud	Nearly Zero Energy Building	Sharad Institute Of Technology College Of Engineering, Yadav	10 th Aug-14 th Aug 2020	National
13.	Mr. R M Garud	Advances In Civil Engineering Education In Post COVID Situation	Sharad Institute Of Technology College Of Engineering, Yadav	8 th June-12 th June 2020	National
14.	Mr. R M Garud	Innovation And Upgradation In Infrastructure	Dept. of Civil Engg, ,Terana Engineering College	27 th May-2 nd June 2020	National



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Ongoing Projects

Sr.No	Title of Project	Name of Guide
1	Investigative Study On Flood Diversion Of Krishna River Basin For Sangli District	Mr. B. B. Tikke
2	Floating Water Filter	Dr. K A Bhagate Co-guide
3	Phytorid System for Treatment Of Wastewater	Mr S B CHOUGULE
4	Manufacturing of Tiles & Bricks With 3D Embossing	Mrs Sneha Madnaik
5	Feasibility of Banana Stem Juice Used As A Coagulant	Mrs S A Patil
6	Estimation & Costing Software , Using C Programming	Mr. B. B. Tikke
7	Precast Composite Material	Mr S B CHOUGULE
8	Case Study Of Soil For The Ground Improvement Of Road Construction.	Mr. R.M.Garud
9	Experimental Study of Light Weight Concrete Cubes	Ms. Jyoti Oza
10	Use Of Tyre Crub in Road Pavement	Mr. Y. S. Patil
11	Using Recycled Plastic And Foundry Waste To Cast Road Block	Mr.Y.S.Patil
12	Basic Civil Services - Pixel Services	Mrs S A Patil
13	Generation of Electricity by Using Municipal Solid Wastes	Dr. A.K Gurav
14	Manufacturing Of Bricks Using Sludge From Water Treatment Plant	Mr.R.M.Garud
15	Sustainable Development By Using Container Houses	Mr. Yogesh Kulkarni
16	A Study On Strength Properties Of Concrete Due To Replacement Of Cement By Egg Shell Powder	Dr. A.K Gurav
17	Intelligent Transport System	Ms. Jyoti Oza
18	Study of Floating Houses	Mr A B Jadhav



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19	Plastic As Soil Stabilizer	Mrs Sneha Madnaik
20	Passive Solar Building	Mr A B Jadhav
21	Investigation Of Use Of Thermocol Waste As An Admixture In Concrete	Mrs. M V Sabale
22	Utilization of Solid Waste to Casting Door Frame	Mrs. M V Sabale
23	Self-Healing Concrete	Mrs. M V Sabale
24	Manufacturing of Bricks Using Waste Convenient Material	Mr S B CHOUGULE



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Site visit Photograph of Final Year Students



Alamatti Dam, Karnataka



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Our proud Toppers - 2019-20 (SEM-I)

Sr. No	Name of student	Marks (%)
B.E.(Civil)		
1	JADHAV SHRINATH SHANTINATH	85.44
2	INGALE RAJESH HANMANT	83.94
3	TAMBVEKAR KIRTI NARAYAN	83.38
TY (Civil)		
1	DABADE MRUNALI ANIL	9.26
2	GANGDHAR SHREYA RAMESH	9.03
3	CHOUGULE MANASI SHASHIKANT	9.01
SY(Civil)		
1	PATIL RIYA RANJIT	9.2
2	KUTWADE RUTUJA SHASHIKANT	8.78
3	SHREYA PATIL	8.66



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Our proud Toppers - 2019-20 (SEM-II)

Sr. No	Name of student	Marks (%)
B.E.(Civil)		
1	JADHAV SHRINATH SHANTINATH	85.44
2	INGALE RAJESH HANMANT	83.94
3	TAMBVEKAR KIRTI NARAYAN	83.38
TY (Civil)		
1	DABADE MRUNALI ANIL	8.87
2	GANGDHAR SHREYA RAMESH	8.69
3	CHOUGULE MANASI SHASHIKANT	8.71
SY(Civil)		
1	PATIL RIYA RANJIT	9.20
2	KUTWADE RUTUJA SHASHIKANT	9.02
3	MULLA SAMEER	8.30



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CESA COMMITTEE- AY -2020-21 –SEM-I

Sr. No	Name	Post
1	Mr. Akash Wadekar	President
2	Mr. Pranav Chandane	Vice President
3	Mr. Shoaib Bedakale	Treasurer
4	Prof. S. B. Chougule	Faculty Co-ordinator



Prof. S. B. Chougule, **Faculty Co-ordinator**



Mr. Akash Wadekar

President CESA



Mr. Adesh Patil

Vice President CESA



Mr. Shoaib Bedakale

Treasurer



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Tunnel Engineering

Tunnels are **Civil Engineering** structures that create an underground passage that may pass through a hill, under buildings or roads, under water or even under entire cities. Tunnels are underground constructions used for transportations. The features, advantages, disadvantage and methods of tunneling in construction is discussed.

The tunnel engineering is one of the most interesting disciplines in engineering. The work is complex and difficult throughout its course, even though it is interesting. The tunnels are defined as the underground passages that are used for the transportation purposes. These permit the transmission of passengers and freights, or it may be for the transportation of utilities like water, sewage or gas etc. The operations and the constructions are carried out underground without disturbing the ground surface. This operation is called as the tunneling. During the second half of the twentieth century, the development and progress of explosives and sophisticated equipment were flourished, that made the tunneling process more feasible. The tunneling, work better for different approaches under different circumstances. It is hence dependent on the experience and the knowledge of the engineer. Mainly the tunneling works are carried out by the civil engineers. This discipline requires knowledge beyond structural and concrete technology. An equal and thorough skill and knowledge on geology, mechanical engineering, geomechanics and the new construction technologies are also essential.



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Construction of First Tunnel

It is found that the first tunnel was made by the Egyptians and the Babylonians, 4000 years ago. This tunnel served the purpose of connecting two buildings in Babylon. The connection was from the royal palace to the temple. The length of this tunnel was found to be 910m, which was brick lined.

Construction of Largest Ancient Tunnel

The largest tunnel in ancient times was constructed between Naples and Pozzuoli, in 36.B.C. This tunnel was 4800-foot-long, 25-foot-wide and 30 foot in height. It was a road tunnel.



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Selection of Tunneling Route

The two main factors that help in the efficient route of the tunnel are the alignment restraints and the environmental considerations. The underground, as we know is heterogeneous in nature. A proper inspection on the nature of soil, rock, the water table level, and all the alignment restraints had to be made before fixing the route. The site chosen for tunneling is such a way that the inconvenience and difficulty that is caused to the environment in that area including living is minimum. The tunneling method chosen depends on the ground conditions, the water table level, the tunnel drive length and the diameter, the tunnel depth, final utility requirements, the shape of the tunnel and the risk of construction.

Advantages of Tunneling

The tunneling method gain certain advantages compared with other methods, which are mentioned below:

- The tunneling procedure is more economical in nature, compared to open cut trench method when the depth is beyond a limit
- The surface life or ground activities like transportation are not disturbed when tunneling is undergone.
- The method ensures high-speed construction with low power consumption
- Reduces Noise Pollution
- These methods have freedom from snow and iceberg hazards, in areas of high altitudes
- Surface and air interference is restricted for tunnels
- Provision of tunnels with easy gradients, help in reducing the cost of hauling
- For the transportation of public utilities, tunneling method has a remarkable advantage compared to the bridge.
- The dangerous open cut to a nearby structure, when it is needed, is solved by the tunneling method
- The tunneling grant greater protection in aerial warfare and bombing conditions



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Tunneling Disadvantages

The tunneling method gains certain disadvantages, which is due to its complexity and difficulty.

Some of them are:

- The initial investment cost for commencing the tunnel is high compared to the open cut method.
- Highly skilled and experienced designers and engineer team only will work best for this operation.
- Higher and constant supervision from the start to the end of the tunneling project is necessary without any compromise
- Highly sophisticated and specialized equipment are necessary to perform the tunneling operations.



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Consulting firm in Tunnel Engineering

Name of company:

Amberg Engineering AG, India is actively employed in providing Services for the following ongoing projects:

1. Ratle Hydro-Electric Project (850 MW), J&K, India

The Ratle Hydro Electric project located on river Chenab in the state of Jammu & Kashmir, it is planned to be developed as a run-of-the river scheme. It has an underground power house having four units of 205 MW each and in addition a 30 MW plant, totalling an installed capacity of 850 MW.

Place: Kishtwar, Jammu & Kashmir, India

Total Project Cost: INR 55170 Mn (CHF 800 Mn)

JV Partner: Stucky Ltd.

Client: Larsen and Toubro

Services provided

Detailed Design Engineering for civil Works for all U/G structures Excavation and Support Details) including underground powerhouse, pressure shafts, surge shaft and tunnels.

2. Pakal Dul HEP (1000 MW), Kishtwar, J&K, India

The Pakal Dul H E Project of 1000 MW installed capacity is proposed on river Marusadar, a tributary of Chenab in district Kishtwar of J&K State. The project envisages construction of a 167 mtr high Dam, 2 nos. of HRT of 7.20-meter generation will be 3387 MU.

Total Project Cost: INR 74640 Mn (CHF 1081 Mn)

JV Partner: Stucky Ltd.

Client: Chenab Valley Power Projects Private Limited (JV of NHPC Ltd., JKSPDC & PTC India Ltd.)

Services provided

- Evaluation of Tenders of Turnkey Bidders
- Review of Design of Turnkey Contractor
- Construction Supervision & Allied Services for project implementation



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3. T6-T12 Tunnels, USBRL Project, J&K, India

The USBRL is the biggest project in the construction of a mountain railway since Indian independence. From Jammu to Baramulla, length of the new rail line is 345 km. It passes through the young Himalayas, tectonic thrusts and faults. The alignment requires construction of more than 100 important/major bridges. The alignment also requires, inter alia, construction 114 kms of tunnels and 29 stations.

Client: Konkan Railway (KRCL), India

Services provided:

- Detail Design for construction
- Construction Supervision of tunnels
- 3D monitoring of tunnels

4. Sivok-Rangpo Alignment Studies, West Bengal-Sikkim, India

Consultancy works for development of alternative alignment on East side of Teesta River between km 0.00 at Sivok yard to km 11.00 (approximate chainage as part of already proposed alignment G*) for Broad Gauge Rail Link between Sivok in West Bengal and Rangpo in the state of Sikkim. Total Length – 11 KM.

Place: West Bengal-Sikkim, India

Client: IRCON International

Services provided

- Feasibility and Design of new alternate Alignment using Satellite imagery

5.-BHANUPALI – BILASPUR – BERI (Rail Alignment) ,India

Development of Part Alignment (43.10 kms) and Geological Mapping, Final Location Survey, Preparation of Detailed Estimate and Misc works for 63.10 kms New BG Rail Line Between Bhanupalli-Bilaspur-Beri in the states of Punjab and Himachal Pradesh, India.

Place: Punjab and Himachal Pradesh, India

Client: Rail Vikas Nigam Limited



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Services provided:

- Feasibility and Design of New Alignment using Satellite imagery

**6. Sivok (West Bengal) to Rangpo (Sikkim)(T-7 and T-8) Tunnels - New Single line BG
Railway Line Project ,India**

Detailed Design Consultancy of all structures including Tunnels, bridge/ viaduct and associated works and Construction Supervision of Tunnels (T-7 and T-8) between Km 18.816 to Km 26.508 in connection with Construction of Sivok (West Bengal) to Rangpo (Sikkim) New Single line BG Railway Line Project

Place: West Bengal & Sikkim, India

Client: IRCON INTERNATIONAL LIMITED

Services provided:

CIVIL WORKS/E&M/&BRIDGE

- Inception Studies
- Prefinal design
- Tender Preparation
- Final design
- [Preliminary
- Detailed Design of Tunnels, bridges/ Viaduct, Construction supervision
- Detail Design for construction
- 3D monitoring of tunnels
- Environmental Studies
- Preparation of EIA and EMP Reports

**7.Sivok (West Bengal) to Rangpo (Sikkim) -(T-11 and T-14) Tunnels- New Single line BG
Railway Line Project, India**

Detailed Design Consultancy of all structures including Tunnels, bridge/ viaduct and associated works and Construction Supervision of Tunnels (T-11 to T-14) & Bridges (Br. 15 & Br. 16) between Km 33.595 to Km 43.906) in connection with Construction of Sivok (West Bengal) to Rangpo (Sikkim) New Single line BG Railway Line Project.

Place: West Bengal & Sikkim, India

Client: IRCON INTERNATIONAL LIMITED



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Services provided

CIVIL WORKS/E&M/&BRIDGE

- Inception Studies
- Prefinal design
- Tender Preparation
- Final design
- [Preliminary
- Detailed Design of Tunnels, bridges/ Viaduct, Construction supervision
- Detail Design for construction
- 3D monitoring of tunnels
- Environmental Studies
- Preparation of EIA and EMP Reports

8.-Autram Ghat Road Tunnel Aurangabad-Dhule Section

Technical Consultant for Preparation of Detailed Project Report for Rehabilitation and upgradation of NH Stretches (with tunnel) under NHDP-IV B. Group G: Package No. 7 Autram Ghat section (from km 376 to km 390) part of Aurangabad-Dhule section of NH-211 in the State of Maharashtra.

Place: Aurangabad-Dhule Section, Maharashtra India

Client: NATIONAL HIGHWAY AUTHORITY OF INDIA

Services provided

- Feasibility studies and Preparation of Detailed Project Report

9.- Road Tunnel and Churat Bypass Rewa Sidhi section Madhya Pradesh, India

Preparation of Feasibility Report for “Consultancy services for Preparation of Detailed Project Report for Construction of Road, Tunnel, Viaduct and Churhat Bypass of Rewa-Sidhi Section of NH 75E from Ch. 33/200 to 55/400 in the state of Madhya Pradesh”.

Place: Madhya Pradesh, India

Client: Madhya Pradesh Road Development Corporation Limited

Services provided

- Feasibility studies and Preparation of Detailed Project Report
- Tender Design



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10.-Detailed Design Consultancy KRCL Ventilation Tunnel

Detailed design consultancy services for provision of tunnel ventilation, tunnel lighting, E&M and SCADA system for tunnels between Km 30 to km 33, Km 39 to 61 & Km 91 to Km 101 of KRCL on Katra-Dharam section of Udhampur-Srinagar-Baramulla Rail link Project.

Place: Udhampur-Srinagar-Baramulla Jammu & Kashmir, India
Client: KONKAN RAILWAY CORPORATION LTD.

Services provided

- Detailed design of E&M

11. Feasibility study of 2 Lane Tunnel Almora City

Consultancy services for feasibility study & Geotechnical survey for construction of 2-lane Tunnel between upper mall road and Dharanaula or from any suitable place between Upper & Lower mall road to Dharanaula (Road) in Almora City, Distt Almora Kumaon , Uttarakhand , India.

Place: Almora, Uttarakhand
Client: Public Works Department, Almora, Uttarakhand

Services provided

- Feasibility studies and Preparation of Detailed Project Report



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News Letter Committee



Prof.R.M.Garud , Faculty Co-ordinator



Ms. Ankita Sangave

Ladies Representative



Ms. Saloni Upadhye

Ladies Representative



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Department of Civil Engineering

Vision, Mission and Quality Policy and PEO OF Department

The vision of the Department

To be a centre of excellence in various sub-branches of Civil Engineering like structural and environmental engineering to prepare professionally competent engineers with a lifelong learning attitude for the accomplishment of ever-growing needs of society.

The Mission of the Department

To prepare technically and professionally competent engineers by imparting quality education through effective teaching-learning methodologies and providing a stimulating environment for research and innovation

To develop professional skills and the right attitude in students that will help them to succeed and progress in their personal and professional career

To imbibe moral and ethical values in students with concern to society and the environment.

The Program Educational Objectives (PEOs)

PEO1: Demonstrate capabilities to develop an optimal solution to the real-world engineering problems by applying the theory-based practical approach of civil engineering and related engineering disciplines.

PEO2: Exhibit professional skills, ethical attitude and sensitivity towards society and environment

PEO3: Engage in life-long learning for successful adaptation to technological changes.