



## Civil Engineering Department

Insights

Achievements

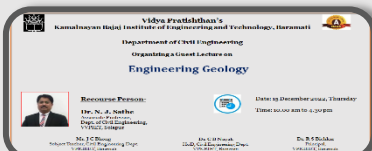
Events Organised

Industrial Visits

Internship

Placements

Consultancy



# Newsletter

Jan 22- June 22

## Departmental Vision Mission

### Vision

- Achieving competency in Civil engineering for Building sustainable infrastructure to enhance quality of life.

### Mission

- To impart knowledge of Civil Engineering for development of professional skills.
- To encourage faculties for upgrading knowledge with practical approach to solve emerging problems in Civil Engineering.
- To provide adequate infrastructure and conducive environment for overall development of student, faculty and staff.
- To develop entrepreneurship skills in students.
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## Activity

- Poster activity of Third year students of RSGIS subject

## Events

- Workshop on Geographic Information System by Mr. Jaydeep Yadav
- Guest lecture on Project Management by Dr. N.T. Suryawanshi
- Guest lecture on Contracts and Tenders in Civil Engineering by Dr. N.T. Suryawanshi
- Guest lecture on Role of Recycling in Today's World by Dr. Anand Hiremath
- Expert talk on, "How Technology Changing the Future of Logistics" by Vishal Raskar.

# Faculty Achievement



## Achievement

1. Received Ph.D. Guide and PG Recognition from SPPU, Pune.

## Publication

1. Narule G.N, Sonawane K. K, (2022) "Flexural and shear cracking performance of strengthened RC rectangular beam with variable pattern of the BFRP strips", Innovative Infrastructure Solutions, Springer, Vol.-7, Issue- 2, PP. - 1-16, Feb,2022, ISSN NO : 2364-4176. Scopus

**Dr. G. N. Narule**

1. Narule,G. N., Bambole, A. N., (2022) "Experimental analysis of RC rectangular and square columns confined using carbon fiber composites", Materials Today: Proceedings- Elsevier, Volume 56, Part 1, 2022, Pages 400-405, Jan,2022, ISSN NO : 2214-7853. Scopus <https://doi.org/10.1016/j.matpr.2022.01.238>.
2. Narule,G. N., Visapure, A. N., (2022) "Experimental investigation on compressive and flexural performance of Forta-fiber reinforced concrete", Materials Today: Proceedings- Elsevier, Volume 56, Part 1, 2022, Pages 406-411, Jan,2022, ISSN NO : 2214-7853. Scopus <https://doi.org/10.1016/j.matpr.2022.01.244>.

## Participation in FDP/STTP/ Seminar/ Workshop

- Attended AICTE-ISTE approved Orientation/Refresher Programme on "Recent Advancement in Environmental & Water Resources Engineering" from 29th December 2021 to 04th January 2022 at Civil Engineering department of Anjuman-I-Islams Kalsekar Technical Campus, School of Engineering & Technology, New Panvel, Navi Mumbai, Maharashtra.
- \* Attended AICTE ATAL Faculty Development Program on "Plastic Waste Management: Challenges & opportunities" from 23rd to 27th August 2021 at Central Institute of Petrochemicals Engineering & Technology, Lucknow.
- \* Attended AICTE ATAL Faculty Development Program on "Modern Trends in Civil Engineering & Construction Industry" from 2nd to 6th August 2021 at College of Engineering Kidangoor (Under CAPE -Established by Govt. of Kerala) Kidangoor South P.O Kottayam, Kerala-686583.
- \* Attended AICTE ATAL Faculty Development Program on "Strategies and Outcomes to Enhance sustainable Green Environment" from 19th to 23th July 2021 at University College of Engineering (BIT Campus) Tiruchirappalli -620 024.
- Attended AICTE ATAL Faculty Development Program on Sustainable Construction Materials organized by Department of Civil Engineering, Rajasthan Technical University, Kota from 5th to 9 th July 2021.

## Organised FDP/ STTP/ Webinar/ Seminar/ Workshop

- Seminar on Employability challenges for Civil Engineers to Earn Good Job in collaboration with Sameer Alone (Founder Director & CEO, Infini Institute of CPM)
- Workshop on Digital World Of Structural Engineering in collaboration with Ms. Anupama Ramnavmiwale, Chartered Engineer-ISTructE UK, Under the Center for Infrastructure Health Monitoring



**Dr. C. B. Nayak**

3. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Sensor based System Design using Graphical Interface" from 20/09/2021 to 24/09/2021 at KLS Gogte Institute of Technology.
4. Participated and Completed AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Natural Ventilation and Building Design in Tropical Regions" from 13/09/2021 to 17/09/2021 at School of Planning and Architecture, Vijayawada, Andhra Pradesh. (An Institute of National Importance under Ministry of Education).

1. Participated & Completed Successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Recent Advances in Forensic Analysis in Civil Engineering" from 27/09/2021 to 01/10/2021 at KalingaInstitute of Industrial Technology.
2. Participated & Completed Successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Recent Developments in construction Technology addressing Infrastructure and Costal Engineering" from 09/08/2021 to 13/08/2021 at Dr. D. Y. Patil Institute of Technology, Pimpri, Pune.

# Faculty Achievement



Dr. S. G. Morkhade

## Achievement

1. Nominated as Associate Editor, for journal Practice Periodical on Structural Design and Construction, published by American Society of Civil Engineers (ASCE).  
<https://ascelibrary.org/page/ppscfx/editorialboard>
2. Received Ph.D. Guide and PG Recognition from SPPU, Pune.
3. Reviewed 2 research papers for Engineering Structures (Impact Factor=4.471) and Thin Walled Structures (Impact Factor=4.442) published by Elsevier.

## Publication

1. Samadhan G. Morkhade, Laxmikant M. Gupta, Carlos Humberto Martins. (2022). Effect of web post width on strength capacity of steel beams with web openings: Experimental and analytical investigation. Practice Periodical on Structural Design and Construction, 27 (2), pp. [https://doi.org/10.1061/\(ASCE\)SC.1943-5576.0000688](https://doi.org/10.1061/(ASCE)SC.1943-5576.0000688).
2. Morkhade S. G., Gupta L. M. "Parametric study of trapezoidally corrugated web beam" Material today proceeding, 56 (1), pp. 82-87. <https://doi.org/10.1016/j.matpr.2021.12.177>
3. Morkhade S.G., Rutuja S Lokhande, Umesh D Gund, Ajinkya B Divate, Saurav S Deosarkar, "Finite element investigations on structural performance of steel I-beams with reinforced web openings", Indian Structural Steel Conference (ISSC), IIT Hyderabad, 2020. (6-8 January 2022).
4. Morkhade S.G., Swami M Baswaraj, Chittaranjan B Nayak. "Analytical study of effect of size of web opening on ultimate load carrying capacity of steel beam with trapezoidally corrugated web" Indian Structural Steel Conference (ISSC), IIT Hyderabad, 2020. (6-8 January 2022).

Participation in FDP/STTP/ Seminar/ Workshop/Training

## Faculty as a Resource Person

1. Delivered an expert lecture on **"How to write an Effective Research Paper at UG Level"** at Department of Civil Engineering VPKRIET Baramati on dated 21 January 2022





# Faculty Achievement



**Mr. D. G. Patil**

1. Attended the webinar on “Application of Artificial Neural Networks in Water treatment plant and water distribution network”, organized by the Institution of Engineers (India), Ahmednagar Local Centre in Association with Dr. VithalraoVikhePatil College of Engineering Ahmednagar on 3/19/2022.
2. Attended the webinar on “How to Write a Literature Review Paper, organized by the Institution of Engineers (India), Ahmednagar Local Centre in Association with Dr. VithalraoVikhePatil College of Engineering Ahmednagar on 5<sup>th</sup> March 2022 in online mode.
3. Attended the webinar on “Research Paper Writing”, organized by the Institution of Engineers (India) Ahmednagar Local Centre in Association with Dr. VithalraoVikhePatil College of Engineering Ahmednagar on 12<sup>th</sup> March 2022 in online mode
4. Participated in one week STTP on ‘Remote sensing and GIS’ organized by D. Y. Patil College of Engineering, Akurdi Pune between 21 to 25 Feb. 2022 in online mode.
5. attended the national level webinar on “PBL-Gateway for Enhancing Attitude, Knowledge and skills” held on 26th February 2022, organized by the Department of Electrical and Electronics Engineering, in association with Project Based Learning(PBL) club, Presidency University, Bengaluru
6. Completed one day Webinar on Insight of Practicals in Architecture and Town Planning on 5.2.22 which was Delivered by Mrs. V. S. Limaye M. Tech.Tech.(T CP), M. P. M, Associate Professor, SCOE Pune.
7. Participated in Expert Talk on IPR & Patent Drafting Process which was conducted by Institution’s Innovation Council Cell VPKBIET Baramati on 15.2.22
8. Attended the workshop on “Research: Design, Publication and IPR” Dated 28July to 30 July 2021, organized by Department of Civil Engineering, Sinhgad Technical Education Society’s Rasiklal M. DhariwalSinhgad School of Engineering, Pune
9. Participated in Expert Talk on IPR & Patent Drafting Process which was conducted by Institution’s Innovation Council Cell VPKBIET Baramati on 15.2.22
10. Attended the workshop on “Research: Design, Publication and IPR” Dated 28July to 30 July 2021, organized by Department of Civil Engineering, Sinhgad Technical Education Society’s Rasiklal M. DhariwalSinhgad School of Engineering, Pune
11. Participated in a Two Days National Level Workshop on “Research Methodology – A Practical Approach for Engineers” 25th and 26th June 2021 organized by IPR & Technology Transfer Cell and Department of Electronics Engineering, Walcha Institute of Technology, Solapur in Online mode



**Ms. S. B. Walke**

## Organised Guest/Expert Lectures

1. Guest Lecture for the subject Project Management by Dr. N. T. Suryawanshi for S.TE students.



**Ms. J. C. Bhong**

1. Received Elite Certification in 12 Week NPTEL Course on, ‘Geosynthetics and Reinforced Soil Structures’ Jan-April 2022.
2. Received Certification in 12 Week NPTEL Course on, ‘Environmental Remediation of Contaminated Sites, Jan-April 2022.
3. Attended 12 week FDP on, “Geosynthetics and Reinforced Soil Structures’ an NPTEL Course, Jan-April 2022
4. Attended 12 week FDP on, ‘Environmental Remediation of Contaminated Sites’ an NPTEL Course Jan-April 2022.
5. Online STTP attended on “Recent Trends in Sustainable Development” organized by P. R. PotePatil college of Engineering & Technology from 6th to 11th June 2022.
6. Attended Awareness Program on Intellectual Property Rights Dated: 17th August 2021.
7. Attended Online Webinar on “How to Write an Effective Research Paper at UG level” By Dr. Samadhan G. Mokhade, Assistant Professor, Dept. of Civil Engineering, VPKBIET, On Thursday 21st January 2022.Organized by Civil Engineering Student Association (CESA)
8. Participated and completed Machine Learning - Linear Regression on 23 Sep 2021

# Faculty Achievement



Mr. D. D. Ahiwale

## Achievement

1. Mr. D. D. Ahiwale: Reviewed a research paper titled on “A Critical Assessment of existing prediction models on the shear capacity of recycled aggregate concrete beams” for Innovative Infrastructure Solutions Journal (Springer indexing in ESCI, Scopus, UGC-CARE List India).
2. Mr. D. D. Ahiwale: Reviewed a research paper titled on “Non-linear finite element analyses of reinforced concrete beam column joints” for Innovative Infrastructure Solutions Journal (Springer indexing in ESCI, Scopus, UGC-CARE List India).
3. Dhiraj Ahiwale and Rushikesh Khartode: Completed water audit consultancy of five public buildings under Saswad Municipal Corporation of rupees twenty thousand (Saswad Municipal Corporation Building, Dr. Babasaheb Ambedkar Bhavan Building, Panchayat Samiti Building, DYSP Office Building and Sub Divisional Office Building).
4. Received PG Guide Recognition from SPPU, Pune.
5. In the academic year 2021-22 (SEM-II), 15 students of 2019 batch completed and passed the QCad IIT Spoken Tutorial Certification course organized by Mr. D. D. Ahiwale.
6. In the academic year 2021-22 (SEM-II), 07 students of 2018 batch completed and passed the C Programming IIT Spoken Tutorial Certification course organized by Mr. D. D. Ahiwale.
7. In the academic year 2021-22 (SEM-II), 13 students of 2020 batch completed and passed the Blender IIT Spoken Tutorial Certification course organized by Mr. D. D. Ahiwale.



Ms. P. A. Bokey

## Participation in FDP/STTP/ Seminar/ Workshop/Training

1. Attended STTP on Remote Sensing and GIS organized by DY Patil College of Engineering, Akurdi, Pune 21<sup>st</sup> to 25<sup>th</sup> Feb 2022.
2. Attended STTP on Remote Sensing and GIS organized by DY Patil College of Engineering, Akurdi, Pune 21<sup>st</sup> to 25<sup>th</sup> Feb 2022.

# Visits

1. Site visit conducted for BE students for the subject DHS at Veer dam and Bhatghar dam on 14th May 2022. Total students: 52= 38 boys and 14 girls. Faculty- P. A. Bokey, Dr. R. J. patil, Mr. D. D. Ahiwale.
2. Site visit conducted for TE students for the subject Architecture and Town planning under construction building sites nearby to vidyaPratishthan Campus on 29.4.2022. Faculty D. G. Patil
3. TE Civil Engineering students visited on multi-storeyed building site of Shree Ganesha Constructions Pvt. Ltd., Baramati on dated 24 th April, 2022 for subject Design of RC structures to get practical exposure for detailing of reinforcements, placing, connections various reinforced concrete structural members at first floor level.

## Editorial Team

Dr. C. B. Nayak (HoD, Civil Engineering Department)

Ms. J. C. Bhong (Editor)

Ms. S. R. Deshmukh (Editor)

Ms. P. A. Bokey (Editor)

Ms. S. B. Walke (Editor)

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