

Dr. MUTTANA S BALREDDY

Affiliation: Associate Professor, Dept of Civil Engineering, SIT

Contact: 9986692622

Email: msb@sit.ac.in

Vidwan ID: **90829**

Scopus ID: [56884695700](#)

OrcID: [0000-0001-9283-1001](#)

Faculty ID: 1SICV0015618

Education

	Degree	Year	Institute	Specialization
1	PhD	2018	Indian Institute of Science, Bangalore	Geotechnical Engineering
2	ME	2007	Goa College of Engineering, Goa	Foundation Engineering
3	BE	2004	Siddaganga Institute of Technology, Tumakuru	Civil Engineering
4	Diploma	2000	BVVS Polytechnic, Bagalkot	Civil Engineering

Professional Experience

	Date (from-to)	Designation	Organization
1	24.02.2023 -Till Date	Associate Professor	Siddaganga Institute of Technology, Tumakuru
2	2011-23.02.2023	Assistant Professor	Siddaganga Institute of Technology, Tumakuru
3	04.08.2008 – 2011	Lecturer	Siddaganga Institute of Technology, Tumakuru
4	Aug 2007-Aug 2008	Assistant Engineer	Bruhat Bangalore Mahanagara Palike, Bangalore (Deputation from KPWD)
5	June 2007-Aug 2007	Design and Quality Control Engineer	Civil-Aid Technoclinic Pvt. Ltd, Bangalore
6	March 2007-June 2007	Geotechnical Engineer	Fugro Geotech, Mumbai

(Please fill in reverse order. Current designation should be at the top)

Positions held

(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)

Inside the institute

- Member, Internal committee for differently abled people, SIT, Tumakuru from 2020- till date
- Member, Sports Committee, SIT, Tumakuru from 2019- till date
- Member of Institute Internship Monitoring Committee from 2024- till date.
- Member, Board of Studies, UG studies, SIT, Tumakuru
- Member, Board of Examiners, UG studies, SIT, Tumakuru
- Coordinator, Board of Examiners, PG studies, SIT, Tumakuru
- Coordinator, Controller of Examination, SIT, Tumakuru
- Coordinator, Mid Term Examination, SIT, Tumakuru
- Coordinator Event in Spandana, SIT, Tumakuru
- Coordinator Event in Halcyon, SIT, Tumakuru
- Coordinator for Robes committee, SIT, Tumakuru
- Coordinator, Department Research Committee
- Coordinator of innovation, incubation and inspiration to Entrepreneurship
- Student Proctor
- Advisor for ASCE student chapter
- Coordinator Department Merit and subject allotment
- Online examination (Moodle) facilitation committee for UG and PG
- Department Contineo software for student registration coordinator
- Shelter Coordinator
- Department Test Coordinator
- In-charge of Geotechnical Engineering Lab
- In-charge of Department 3rd Party and Geotechnical Engineering consultancy
- Department NAAC accreditation coordinator for criteria-2
- Worked as coordinator for registration committee in Sports events organized by SIT
- NBA Coordinator and Criteria-2
- Coordinator for Teaching- Learning and Student-Centric process at the Departmental level
- Member of Research, Innovation and Consultancy committee at Departmental level
- Member of Infrastructure, Facilities and Resources Committee at Departmental level
- Member of the Departmental Advisory Board
- Member of the Board of Studies
- Doctoral committee member, Siddaganga Institute of Technology, Tumakuru (Mr. Mohan Badiger, USN: 1SI19PCV02)

Outside the institute

- External Expert Auditor to Audit Academic Process at Dept. of Civil Engineering, Cambridge Institute of Technology, Bangalore on 04.06.2025
- External Expert in the faculty Rationalization Exercise at Dept. of Civil Engineering, SJC Institute of Technology, Chickballapur on 03.06.2025
- External Audit Expert Member of Administrative and Academic Audit, Dept. of Civil Engineering, SSIT, Tumakuru on 29.03.2023
- Jury Member for the paper presentation during the Two-day Symposium on “Blueprint to Reality: Insight into Innovation in Highway Engineering & Construction Management” held at RASTA-Center for Road Technology, Bangalore on 24th and 25th October 2024
- Session Co-chair for 7th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics
- Judge for Poster Presentation for 12th Karnataka Science and Technology Academy National Level Conference
- Member, Board of Examiner of MTech Earthquake Engineering, University Visvesvaraya College of Engineering (UVCE), Bengaluru
- Member, PG Project Evaluation Committee, UVCE, Bangalore
- Member, Board of Examiners UG and PG, BEC, Bagalkot.
- Advisory Committee member for the 1st International Conference on Emerging Technologies in Science & Engineering (ICETSE-24) organized by Akshaya Institute of Technology, Tumakuru on 26th and 27th June 2024
- Advisory Committee member for the 2nd International Conference on Emerging Technologies in Science & Engineering (ICETSE-24) organized by Akshaya Institute of Technology, Tumakuru on 19th and 20th June 2025
- Doctoral committee member, Basaveshwar Engineering College, Bagalkot (Mr. Srinivas F Chitrager, USN: 2BA15PCJ03): **Thesis Defended**
- Doctoral committee member, Jyothi Institute of Technology, Bangalore (Mr. Ganesh C R, USN: 1JT19PCV02)
- Doctoral Advisory Committee members, JSS Science and Technology University, Mysuru (Mr. Vishwas G., USN: JSTD22CIV005).
- Research Advisory Committee, JSS Academy of Technical Education, Bangalore (Mr. Ravi Kiran K M, USN: 1JS22PCV03)
- Research Advisory Committee, M S Ramiah Institute of Technology, Bangalore (Mr. Vishwa Pavan, USN: 1MS22PCV03)

Affiliations of Professional organizations

- Associate member of American Society of Civil Engineering (11258953)
- Life Member of Indian Society for Technical Education (ISTE)
- Life member of Indian Geotechnical Society (IGS) (LM 3106)
- Member of International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE)
- Life member of Indian Concrete Institute (LM 14447)
- Life member of Indian Society of Earthquake Technology (LM 2008)
- Life member of The Institution of Engineers (India) (M-1806232)

Awards and Honors

- Received "Best Paper Award" for the research paper titled "Experimental and Numerical Investigation on Expansive Soil Treated with Fly Ash Coupled Red" of Technical Session Environmental Engineering and Geotechnical Engineering of 5th International Conference on Recent Trends in Infrastructural Development and Sustainable Materials (IC-RTIDSM-2024) Jointly Organized by Department of Civil Engineering & Centre of Excellence Smart City & ITS, G H Raison College of Engineering Nagpur, India during 9th and 11th February 2024.
- Received Travel Grant for presentation of international conference paper at 15th Asian Regional Conference held at Fukuoka, Japan from International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) Foundation Awards, City University Northampton Square London EC1V 0HB, UK
- Received "ISET V H Joshi Award " by Indian Society of Earthquake Technology, Roorkee on 21st December 2018 for the best journal paper in the field of Soil Dynamics
- Awarded Gold medal from the Department of Civil Engineering, SIT, Tumakuru for securing VTU 10th Rank for the year 2004
- Received first prize for the project on Filler slab at 26th State Level Technical Students project competition DO IT YOURSELF-2000 organised by Department of Technical Education, Bangalore, Government of Karnataka
- Received Best Project Award for the project titled "Micro Level study of water resources of Tumabadi Village Panchayat by using GIS and Remote Sensing" for the year 2003-2004 instituted by Department of Civil Engineering, Siddaganga Institute of Technology, Tumakuru
- Received Third Prize for presenting technical paper entitled "Seismic Performance of Conventional Multi-storied Building with Ground Floors" at South India Inter-Collegiate Student Seminar organized by Department of Civil Engineering, Siddaganga Institute of Technology, Tumakuru.
- Received certificate of Merit and Cash prize from the Students' Chapter of Indian Concrete Institute, Siddaganga Institute of Technology for securing highest marks in Material Technology during the year Aug-2002.
- Received certificate of Merit from the Department of Civil Engineering, Siddaganga Institute of Technology for securing first position in IV and VI semesters in Civil Engineering
- Received certificate of Merit and Cash prize from the Department of Civil Engineering, Siddaganga Institute of Technology for securing highest marks in Geotechnical Engineering

Courses Taught

Undergraduate Courses

- Engineering Mechanics
- Computer Aided Building Drawing
- Environmental Sciences
- Geotechnical Engineering- I
- Geotechnical Engineering- II
- Numerical Methods in Civil Engineering
- Construction equipment's, plant and machinery
- Awareness to Computer Concepts lab
- Surveying Practice Lab
- Geotechnical Engg. Lab
- Building Information Modeling Lab
- Industrial Practice
- Project Management Lab
- Building Services-I

Postgraduate Courses

- Design of Substructure concepts
- Repair and Rehabilitation of Structures
- Applied Soil Mechanics
- Design of Substructures and Reinforced Earth Application
- Pavement Geotechniques
- Geotechnical Application for Pavement Engineering
- Ground Improvement Techniques
- Advanced Geotechnical Lab

Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion
1.	Anirudh N 1SI22PCV01	Development of Design and Performance for Grouted Bituminous Mixtures Using Alternate Material	Under progress

Research Areas

- Soil Dynamics and Earthquake Geotechnical Engineering – (Liquefaction and Postliquefaction, Pore pressure generation, Dynamic properties)
- Stabilization and Ground improvement
- Pavement materials characterization and design
- Application of AI and Neural Networks in Civil Engineering

Sponsored Projects

Ongoing Projects:

1. Title: Use of construction waste and scrap tyres for sustainable pavements
Funding Agency: VGST K-FIST L2
Amount: 20.00 Lakhs
Duration: 2 Years
Role: Co-Investigator
2. Title: Study of Strain Dependent Dynamic Properties and development of shear modulus and damping curves of Dispersive Soils
Funding Agency: DST- Core Research Grants
Amount: Rs. 37.81 Lakhs
Duration: 3 years
Role: Co-Investigator

Completed Projects:

1. Title: Liquefaction potential of Sand-clay Mixtures
Funding Agency: AICTE-RPS
Amount: 5.00 Lakhs
Duration: 3 years
Role: Co-Investigator

Publications

Journals

- N. Muralidhar, M. S. Balreddy, S. Bagade, and S. V. Dinesh, "A comparison of the fracture properties of self compacting concrete (SCC) and conventional vibrated cement concrete (VCC)," *Global Journal of Engineering and Applied Sciences*, vol. 2, no. 1, pp. 116–121, 2012.
- B. N. Akshitha, M. S. Balreddy, and S. Sunil, "Laboratory investigation of stone mastic asphalt using reclaimed asphalt pavement," *Materials Today: Proceedings*, vol. 60, part 1, pp. 668–673, 2022, doi: [10.1016/j.matpr.2022.02.274](https://doi.org/10.1016/j.matpr.2022.02.274).

- V. C. Mathapati, N. Muralidhar, B. R. Tulasiram, and M. S. Balreddy, "Experimental study on dynamic mechanical properties of arecanut husk fiber composite," *Materials Today: Proceedings*, vol. 66, part 3, pp. 858–865, 2022, doi: [10.1016/j.matpr.2022.04.494](https://doi.org/10.1016/j.matpr.2022.04.494).
- J. Anupama, M. S. Balreddy, and B. J. Panditharadhya, "Sustainable open-graded friction course asphalt mixes with steel slag aggregates," *Materials Today: Proceedings*, 2023, doi: [10.1016/j.matpr.2023.05.531](https://doi.org/10.1016/j.matpr.2023.05.531).
- M. S. Balreddy, P. Nethra, and S. R. Naganna, "Performance evaluation of open-graded bituminous concrete modified with natural fibers," *Sustainability*, vol. 15, no. 11, art. no. 11952, 2023, doi: [10.3390/su15111952](https://doi.org/10.3390/su15111952).
- S. R. Naganna, S. B. Marulasiddappa, M. S. Balreddy, and Z. M. Yaseen, "Daily scale streamflow forecasting in multiple stream orders of Cauvery River, India: Application of advanced ensemble and deep learning models," *Journal of Hydrology*, vol. 626, part B, art. no. 130320, 2023, doi: [10.1016/j.jhydrol.2023.130320](https://doi.org/10.1016/j.jhydrol.2023.130320).
- M. S. Balreddy, S. S. Sajjan, D. Pruthviraja, and S. R. Naganna, "Utilization of alkali-treated areca fibers for stabilizing silty sand soil for use in pavement subgrades: Analysis using IITPAVE software," *Emergent Materials*, vol. 7, pp. 1927–1939, 2024, doi: [10.1007/s42247-024-00710-4](https://doi.org/10.1007/s42247-024-00710-4).
- S. B. Marulasiddappa, A. H. Khan, G. Mailar, M. S. Balreddy, G. Kuntoji, and S. R. Naganna, "Exploring the potential of arecanut fibers and fly ash in enhancing the performance of self-compacting concrete," *Journal of Engineering and Applied Science*, vol. 71, art. no. 180, 2024, doi: [10.1186/s44147-024-00513-8](https://doi.org/10.1186/s44147-024-00513-8).
- S. Tejeshwini, C. M. P. Gowda, K. H. Mamatha, M. S. Balreddy, and S. V. Dinesh, "Impact of antiaging additives on the conventional properties of bituminous binder," *Journal of Engineering and Applied Science*, vol. 71, art. no. 184, 2024, doi: [10.1186/s44147-024-00518-3](https://doi.org/10.1186/s44147-024-00518-3).

Conference Proceedings

- M. S. Balreddy, S. V. Dinesh, and T. G. Sitharam, "Influence of sand and low plasticity clay mixtures on the liquefaction and postliquefaction behavior," *Japanese Geotechnical Society Special Publication*, vol. 2, no. 21, pp. 806–810, 2016.
- M. S. Balreddy, S. V. Dinesh, and T. G. Sitharam, "Effect of fines on pore pressure development during cyclic loading," in *Soil Dynamics and Earthquake Geotechnical Engineering*, A. B. Adimoolam and S. Banerjee, Eds., *Notes in Civil Engineering*, vol. 15, pp. 83–90, Springer, Singapore, 2019. doi: [10.1007/978-981-13-0562-7_10](https://doi.org/10.1007/978-981-13-0562-7_10)
- T. V. Sowmyashree and M. S. Balreddy, "Stability analysis of embankment on stabilized expansive soil," in *Proc. Indian Geotechnical Conference 2019*, S. Patel et al., Eds., *Lecture Notes in Civil Engineering*, vol. 136, pp. 853–861, Springer, Singapore, 2021. doi: [10.1007/978-981-33-6444-8_77](https://doi.org/10.1007/978-981-33-6444-8_77)

- M. S. Balreddy, S. V. Dinesh, and T. G. Sitharam, "Liquefaction behavior of low to medium plasticity sand-fines mixtures," in *Soil Dynamics*, T. G. Sitharam et al., Eds., *Lecture Notes in Civil Engineering*, vol. 119, pp. 181–191, Springer, Singapore, 2021. doi: 10.1007/978-981-33-4001-5_17
- G. M. Basavanagowda, P. Gowthami, S. V. Dinesh, L. Govindaraju, and S. M. Balareddy, "Behavior of pile group in liquefied soil deposits under earthquake loadings," in *Seismic Design and Performance*, T. Sitharam et al., Eds., *Lecture Notes in Civil Engineering*, vol. 120, pp. 139–150, Springer, Singapore, 2021. doi: 10.1007/978-981-33-4005-3_11
- M. S. Balreddy, K. E. Abilash, and H. K. Manjunath, "Experimental investigation on stabilization of silty sand using fly ash," in *Transportation, Water and Environmental Geotechnics*, C. N. V. Satyanarayana Reddy et al., Eds., *Lecture Notes in Civil Engineering*, vol. 159, pp. 281–291, Springer, Singapore, 2021. doi: 10.1007/978-981-16-2260-1_27
- H. K. Chaurasia, Chetan, A. Kumar, S. Sulthana, M. S. Balreddy, and D. Sengupta, "Analyzing compliance of façade passive fire resistance as per ASTM E2307," in *Recent Advances in Civil Engineering*, L. Nandagiri et al., Eds., *Lecture Notes in Civil Engineering*, vol. 256, pp. 313–329, Springer, Singapore, 2022. doi: 10.1007/978-981-19-1862-9_20
- T. S. Shilpa, M. S. Balreddy, and S. V. Dinesh, "Assessment of soil-pile-structure interaction influencing earthquake response of building in layered soils," in *Lecture Notes in Civil Engineering*, vol. 284, pp. 147–155, Springer, Singapore, 2022. doi: 10.1007/978-3-031-12011-4
- S. Chinmaya, G. Bharath, S. Ahmed, A. Behl, and M. S. Balreddy, "Performance evaluation of conventional and field-produced high modulus asphalt binders and mixtures," in *Transportation Research. TPMDC 2022*, D. Singh et al., Eds., *Lecture Notes in Civil Engineering*, vol. 434, pp. 167–180, Springer, Singapore, 2024. doi: 10.1007/978-981-99-6090-3_14
- K. E. Abilash and M. S. Balreddy, "Laboratory investigation on performance of expansive soil stabilized by fly ash and sodium hydroxide," in *Technologies for Sustainable Transportation Infrastructures. SIIOC 2023*, G. L. Sivakumar Babu et al., Eds., *Lecture Notes in Civil Engineering*, vol. 529, pp. 511–519, Springer, Singapore, 2024. doi: 10.1007/978-981-97-4852-5_41
- M. Nagarajaiah and M. S. Balreddy, "Experimental study on physical and morphological properties of KOH treated and untreated arecanut husk fiber," in *Proc. Canadian Society for Civil Engineering Annual Conference 2023*, *Lecture Notes in Civil Engineering*, vol. 501, pp. 97–110, Springer, 2024. doi: 10.1007/978-3-031-61511-5_9
- K. E. Abilash and M. S. Balreddy, "Assessment of behaviour of footing resting on dispersive soil stabilized by fly ash amended red mud," in *Proc. 2nd Int. Conf. on Geotechnical Issues in Energy, Infrastructure and Disaster Management. ICGEID 2024*, A. K. Verma et al., Eds., *Lecture Notes in Civil Engineering*, vol. 475, pp. 507–518, Springer, Singapore, 2025. doi: 10.1007/978-981-97-1757-6_37

- M. S. Balreddy, K. E. Abilash, and S. C. Basim, "Seismic stability of earthen dam—A case study," in *Analyses for Retaining Walls, Slope Stability and Landslides. ICRAGEE 2024*, R. Sarkar et al., Eds., *Lecture Notes in Civil Engineering*, vol. 568, Springer, Singapore, 2025. doi: 10.1007/978-981-96-1683-1_12
- R. Honnalli, K. E. Abilash, A. S. Chatra, and M. S. Balreddy, "Experimental and numerical investigation on expansive soil treated with fly ash coupled red mud," in *Innovations in Technologies: Pioneering Sustainable Infrastructure for a Resilient Future. IC-RTIDSM 2023*, B. V. Khode et al., Eds., *Sustainable Civil Infrastructures*, Springer, Cham, 2025. doi: 10.1007/978-3-031-82133-2_17

Editor/ Reviewer of Journal

- Journal of the Institution of Engineers (India): Series A
- Emergent materials, Springer Nature
- Scientific Reports, Springer Nature
- Discover Geoscience, Springer Nature
- Journal of mines, metals and fuels
- Canadian Geotechnical Journal
- Next Research, Elsevier

Patents

NIL

Invited Lectures, talks and workshops

INVITED SPEAKER:

- Delivered a technical talk on **"Geosynthetics in Road Sector"** at one-day workshop for faculty and students titled Soil-Con-Water organized by Dept. of Civil Engineering, C Byregowda Institute of Technology, Kolar on 21.12.2015
- Delivered a technical talk on **"Earthquake Geotechnical Engineering - an Overview"** at Faculty Development Programme organized by Dept. of Civil Engineering, Rao Bahadur Y Mahabaleshwarappa Engineering College, Bellary on 27.01.2016
- Delivered a technical talk on **"Pavement subgrade soil modification using additives"** Continuing Education Programme (CEP) for field Engineers on Advanced Pavement Geometric Design and Pavement Material Characters and Design organized by Dept. of Civil Engg, BEC, Bagalkot jointly with KRSE Mysore on 20.09.2019.
- Delivered a technical talk on **"Geotechnical Earthquake Engineering"** for Faculty and Students of Dept of Civil Engg., JSPM - Rajarshi Shahu College of Engineering, Tathwade, Pune on 23.04.2020

- Delivered a technical talk on **"Geosynthetics for Sustainable Infrastructure Development"** for Faculty and UG students of Department of Civil Engineering, J.N.N.C.E., Shivamogga on 12.08.2020
- Delivered a technical talk on **"Geotechnical Investigation and its applications to practical problems"** for faculty and UG students of Department of Civil Engineering, Cambridge Institute of Technology, Bangalore on 27.12.2022
- Delivered a technical talk on **"Geotechniques for sustainable infrastructure"** for Faculty and UG students of Department of Civil Engineering, Shridevi Institute of Engineering and Technology, Tumakuru on 12.02.2024

WORK-SHOP PARTICIPATION

- Inhouse Faculty Development Programme on **"Geo-informatics – Total Station"** 01-07 Aug, 2008 at Siddaganga Institute of Technology, Tumkur
- Faculty Development programme on **"Pedagogical Training in Engineering Education"** 03-15 November, 2008 at Engineering Staff College of India, Hyderabad.
- Winter School on **"Geoinformatics for Integrated Coastal Zone Management Planning (GICZMP'09)"**, Sponsored by MHRD/AICTE organised by Department of Applied Mechanics, 19-30 January, 2009 at National Institute of Technology Karnataka, Surathakal.
- Summer School on **"Recent Developments in Rock Excavation Technology and Management"**, Sponsored by MHRD/AICTE organised by Department of Mining Engineering, 17-23 July, 2009 at National Institute of Technology Karnataka, Surathakal.
- Inhouse Faculty Development Programme on **"PC Hardware and Maintenance"** 25-30 June, 2010 at Siddaganga Institute of Technology, Tumkur
- Summer School on **"Soft Computing Techniques in Water Resources Engineering (SCTWRE'10)"**, Sponsored by MHRD/AICTE organised by Department of Applied Mechanics, 5-9th July 2010 at National Institute of Technology Karnataka, Surathakal.
- Inhouse Faculty Development Programme on **"Statistical Applications in Civil Engineering"** 25-30 June 2012 at Siddaganga Institute of Technology, Tumkur
- Attended one-day workshop on **"Modern Trends in Pavement Materials"** on 15-07-2011 at Center for Infrastructure and Transportation Planning (CISTUP), IISc, Bangalore.
- Attended three days Indian Geotechnical Conference on **"Geochallenges"** from 15-17 Dec 2011 at Kochi, Kerala organized by Indian Geotechnical Society, Kochi Chapter and Cochin University of Science and Technology, Kochi
- Attended one-week workshop on **Project Management** organised by BMS College of Engineering, Bangalore in association with Project Management Institute on 20-25th August, 2012
- Attended two-day workshop on **"LaTeX for documentation"** at Dept. of Information Science Engg., SIT, Tumkur from 20th to 21st August 2013.
- Attended three days programme on **MISSION 10X**, Engineering Faculty Workshop from 2nd to 4th December, 2013 at SIT, Tumakuru organised by WIPRO, Bangalore

- Attended one-day seminar on **“Trimble Quantum” designed to minimize environmental and social impacts of road and rail projects**”, organised by State Govt. of Victoria, Australia at Bangalore on 7th June 2013
- Attended two-day workshop on **Land Surveying Summit-2013** (on the occasion of National Survey Day Celebration) organised by Bangalore Institute of Technology, Bangalore and Association of Engineering and Surveying Consultant, Bengaluru on 9-10 May, 2013
- Attended one-week workshop on **Practice with Total Station** organised by Dept. of Civil Engineering, SIT, Tumkur on 2-8th Jan 2013
- Attended one-week Faculty Development Programme Series -44 on **“Civil 3D”** held on 21st -26th April 2018 in Dept. of Civil Engineering, SIT, Tumakuru
- Attended one-week Faculty Development workshop on **“ICT for Teaching”** during 21st to 26th December 2016. in Dept. of Civil Engineering, SIT, Tumakuru
- Attended Six days Faculty Development Program on the topic **“Project Management System”** was organized in Dept. of Civil Engineering, SIT, Tumakuru from 24.07.2017 to 29.07.2017.
- Online Webinar on **Earthquake Hazard, Risk and Mitigation** delivered by Dr. Sreevalsa Kolathayar, National Institute of Technology Karnataka on 29th April, 2020 organized by INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY, Department of Earthquake Engineering Building, Indian Institute of Technology Roorkee, Roorkee
- Online Webinar on **Seismic Microzonation Studies in India** delivered by Prof. Chandan Ghosh, Department of Civil Engineering, Indian Institute of Technology, Jammu on 30th May, 2020 organized by INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY, Department of Earthquake Engineering Building, Indian Institute of Technology Roorkee, Roorkee
- Online E- Expert Talk on **“Introduction to Applications of Geosynthetics in Civil Engineering Projects”** Er. Anand M. Hulagabali (M-Tech and Ph.D. Scholar-SVNIT Surat) on 31st May 2020 organized by Dept. of Civil Engineering, Amrutvahini College of Engineering, Sangamner.
- Online Webinar on **“Strengthening and Retrofitting of Structures”** organised by Department of Civil Engineering, Dept. of Civil Engineering, Samarth group of Institution College of Engineering, Belhe, on Friday 5-6-2020
- Online Webinar on **ENGINEERING PREPAREDNESS FOR EARTHQUAKE DISASTER MITIGATION** delivered by Prof. T. G. Sitharam, President, ISET and Director, I.I.T. Guwahati on 3rd June, 2020 organized by INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY, Department of Earthquake Engineering Building, Indian Institute of Technology Roorkee, Roorkee
- Online Webinar on **SEISMIC RESPONSE OF RETAINING WALLS** delivered by Prof. G. Madhavi Latha, Professor, Indian Institute of Science, Bangalore on 6th June, 2020 organized by INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY, Department of Earthquake Engineering Building, Indian Institute of Technology Roorkee, Roorkee
- Participated in National Conference on **‘Jute Geotextiles as Sustainable Solution in Civil Engineering applications including Rural Infrastructure Development (JGTSS)’** organized by Ministry of Textiles, New Delhi and Dept. of Civil Engineering, Indian Institute of Science, Bangalore on 18th May 2023.

- Participated in National conference on **Karnataka Geotechnical Fusion-2023 “Unleashing Karnataka's Geotechnical Potential: The KGF Initiative” & 75th year celebration of Indian Geotechnical Society** organized by Indian Geotechnical Society's Bengaluru, Surathkal, Hubli-Dharwad and Mysuru Chapter on 4th November 2023
- Attended NPTEL-AICTE Faculty Development Programme on **Construction Management (Nirman Prabandhan ke Siddhant)**, Feb- April 2024 (8 weeks)
- Attended online six days Faculty Development Program on the topic **“Climate change and its impact on Disaster Frequency”** organized by Department of Civil Engineering, School of Engineering & Technology, Adamas University, Kolkata, India under the sponsorship of **AICTE ATAL Academy** during 6th -11th January 2024.
- Participated in **Autodesk Learning Partners Summit 2024**, organized by AUTODESK Learning Partner at Hyderabad on 17th to 19th March 2024
- Attended NPTEL-AICTE Faculty Development Programme on **Remote Sensing and GIS**, July-Sept. 2024 (8 weeks)
- Attended 21 days masterclass on **Advanced Python Programming** conducted by The Institution of Electronics and Telecommunication, Ranchi and Engineers association and Pantech e-learning from 13.08.2024 to 03.09.2024.
- Attended five days Faculty Development Program on the topic “Machine Learning for Civil Engineering Applications” organized in dept of Civil Engineering and IQAC, SIT, Tumakuru from 17.09.2024 to 21.09.2024.
- Participated in National Conference on **‘Jute Geotextiles in Civil Engineering: Sustainable Solutions for the Future’** organized by Ministry of Textiles, New Delhi and Dept. of Civil Engineering, Indian Institute of Science, Bangalore on 13th September 2024
- Participated **“Blueprint to Reality: Insight into Innovation in Highway Engineering & Construction Management”** organized by RASTA-Center for Road Technology, Bangalore on 24th and 25th October 2024
- Participated in seminar titled: **“The Rich Heritage of Construction Engineering in India”**, delivered by Dr. R. N. Iyengar, Chair Professor in Civil Engineering IISC, Distinguished Emeritus Prof. & Director, Centre for Ancient History and Culture, Jain University organized by Indian concrete Institute, Bangalore on 21st January 2025
- Attended One day Gunavatta Yatra (Awareness program) on **“NABL accreditation and its benefits”**. Organized by National Accreditation Board for Testing and Calibration Laboratories, Quality Council of India in association with Dept. of Civil Engineering, Adichunchanagiri Institute of Technology, Chikmagalur on 04th February 2025.
- Attended One day Gunavatta Yatra (Awareness program) on **“NABL accreditation and its benefits”**. Organized by National Accreditation Board for Testing and Calibration Laboratories, Quality Council of India in association with Dept. of Civil Engineering, Siddaganga Institute of Technology, Tumakuru on 13th June 2025.