



ಸಿವಿಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ  
DEPARTMENT OF CIVIL ENGINEERING  
सिविल अभियांत्रिकी विभाग

**E- Newsletter**  
**Volume 1, Issue 1**  
**January '22 – June '22**

**Department of Civil Engineering**

**National Institute of Technology Karnataka**

**NH 66, Srinivasnagar, Surathkal, Mangaluru, Karnataka**

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## **Message from the Director**

*"Hearty Congratulations to the editorial team for publishing the much-awaited first issue of the E-Newsletter of the Department of civil engineering. Department of civil engineering, the oldest department in the institute, has always been at the forefront in all spheres of activities bringing fame to the institute with its highly competent and committed faculty members, even during my B.Tech studies at then KREC. It is heartening to note that many of our students, research scholars and faculty members from the department have won several awards and distinctions not only for research, innovation & startup, but for extracurricular and co-curricular activities. I take this opportunity to congratulate all the winners. May this department successfully continue its journey of producing competent graduates who are capable of meeting future challenges".*



*Prof. Prasad Krishna, D.Engg. (UMich, Ann Arbor)*

## **Message from the Head of Department**

*Warm Greetings!*

*I am pleased to bring out the first issue of the E-newsletter of Department of Civil Engineering. The biannual E-newsletter presents a brief overview of the activities in the department periodically. The achievements of faculty and students during the first and second half of every year will be put together and circulated through this work book. The current issue highlights the*



*academic and non-academic achievements of students and faculty during January to June 2022.*

*I express my heartfelt gratitude to Prof. Prasad Krishna, Director (Additional Charge), NITK for his continuous encouragement and sincere support. I sincerely thank the editorial team and student volunteers for their single-minded approach to efficiently complete the assigned tasks. Also, appreciate the effort put in by faculty and students in supporting with all details for bringing out this newsletter as planned.*

*The circulation of this newsletter is expected to motivate every student to be a part of it through academic and non-academic accomplishments. Wish you a very happy reading!*

*Prof. B. R. Jayalekshmi*



## **VISION OF THE INSTITUTE**

*To facilitate transformation of students into good human beings, responsible citizens and competent professionals, focusing on the assimilation, generation and dissemination of knowledge.*

## **MISSION OF THE INSTITUTE**

- *Impart quality education to meet the needs of profession and society, and achieve excellence in teaching-learning and research.*
- *Attract and develop talented and committed human resources, and provide an environment conducive to innovation, creativity, team-spirit and entrepreneurial leadership.*
- *Facilitate effective interactions among faculty and students, and foster networking with alumni, industries, institutions and other stake-holders.*
- *Practice and promote high standards of professional ethics, transparency and accountability.*

## **ABOUT THE DEPARTMENT**

*The Department of Civil Engineering, established in the year 1960, is one of oldest departments of the institute. The department offers an undergraduate programme in Civil Engineering; five postgraduate programmes in Construction Technology and Management, Environmental Engineering, Geotechnical Engineering, Structural Engineering, and Transportation Engineering; research programmes for Master and Doctoral degrees. The Department has well-experienced faculty, skilled technical staff and well-equipped laboratories. It is a recognised QIP centre for the training of faculty from other engineering colleges and polytechnics. The department has always been at the forefront of R&D initiatives and Industrial Consultancy assignments.*

## **VISION OF THE DEPARTMENT**

*To produce Civil Engineers with the necessary knowledge, skills and attitudes, who can be entrusted by the society to lead a sustainable world with enhanced quality of life.*

## **MISSION OF THE DEPARTMENT**

*To effectively train our students as Civil Engineers who can serve the society competently, collaboratively and ethically as*

- *Planners, designers, constructors and operators of the built environment.*
- *Leaders of the natural environment and its resources.*
- *Innovators and integrators of ideas and technologies across the public, private and academic sectors.*
- *Managers of risk and uncertainty caused by natural events, accidents and other threats.*
- *Leaders in discussions and decisions; shaping public, environmental and infrastructure policies.*

## STUDENTS' ACTIVITIES

Rishikesh S N and Manasa N S attended workshops on CSD and Remote Testing labs at CSD NITK.

D.B.M Pavan Kumar attended summer courses on QGIS, python, AutoCAD, and environmental impact assessment by ISTE and IE.

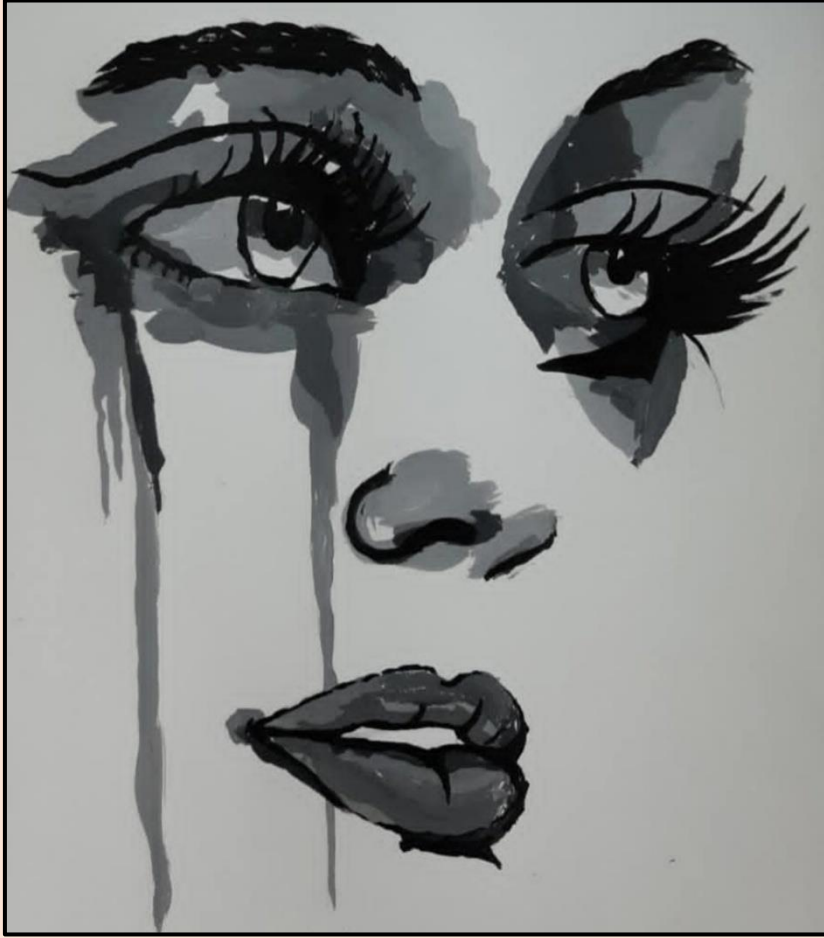
Akash Kori runs an online financial investment community with 10lac members named "ENCOME", which provides investing courses, aiming to increase awareness of financial literacy.

Manasa NS was selected as master of ceremony for the Engineer-22 events. She has also written a script for the IET club event associated with IET Bangalore, "CREATE THE FUTURE", related to design thinking and functional innovation.

Aryan R Sangama has a youtube channel named "GamFTecz". The channel had videos on "All About Game and Tech Game" reviews, Tech unboxing Gameplays, etc.

Chandana RV has set up "Lapiz Revolio", a small business where she sells personalized pencil lead carvings. The sample of her pencil lead carvings are shown below,





**Painting by Faheema Valiyatt**

**Poem by Kartikey Tiwari**

अपने मन मे जानता हूँ महाभारत सार को ।  
 मैं निमंत्रण नहीं दूंगा श्रीकृष्ण के अवतार को ॥  
 क्योंकि जानता हूँ अंततः निष्कर्ष यही आयेगा ।  
 कायर कहेगा विश्व उसे जो युद्ध न कर पायेगा ॥  
 आगे राणा राजस्थान की नारियों के बारे में सोचते हैं  
 कि...  
 कि क्षत्राणी है वो राज की रणनीतियों को जानती है ।  
 मात्र भू के बेरीयो को माँ भी बैरी मानती है ॥  
 विजयश्री के बाद रण में शत्रुओं को बचने न दूंगा।  
 अपनी मां के दूध को मैं कभी लजने न दूंगा ॥  
 और कल्पना से निकल राणा देखते रण क्षेत्र को।

फिर निहारा क्रोध से रक्तिम हुए हर नेत्र को ॥  
 धरा के दुलार का अँगार मन मे भर चुका था ।  
 घाटीयो में युद्ध की वो घोषणा भी कर चुका था ॥  
 सब वीर तब एक दुसरे के खून के प्यासे बने ।  
 धनुष की हर डोर पर तीर भी मानो तने ॥  
 इस वेग से शोणित बहाके जो बहे मंदाकिनी ।  
 प्रतिपल वहाँ पर घट रही थी क्षत्रुओं की वाहिनी ॥  
 कि पराक्रम से मुगल दल के दाँत खट्टे पड़ रहे थे ।  
 और बिन मुंड के भी क्षत्रिय तलवार लेकर लड़ रहे थे ॥



The list of students who are members of the student's council and various clubs and participated in the major institutional-level events is as follows.

<b>Students Council NITK</b>	: Kushagra Katiyar (President) Punith Raj (Gen-Secretary) Tarun Vishnoi (Public Relations Coordinator) Abhishek Hiramani, Sampreet S, Pulkit Jain (CR) Ashwini Kumar, P Abhishek, Aryan R Sangama, Faheema Valiyatt, Tanushka Garg (Media Team)
<b>Engineer 2022</b>	: Suryadeep Kumar Prasad (Convener) Vishal Pratap Maurya (Chief-Coordinator)
<b>Incident 2023</b>	: Krishna Prasad Kuddannaya (Head of IMT)
<b>CDC</b>	: Vinaya Sagarika Vallapuneni (Core PC) Vaibhav Pratap (Core PC) a. PC: Tejal Anant Narvekar, Lekhana M S b. IC: Praneeth S, Kaushal Nayak, Ayushi, Ritul Rajan, Pranav B K, Yashwant Githala
<b>ACM NITK</b>	: Ankit Sandeep (Convener) Dhriti Ravi Kanchan and Sudhanva R (Core)
<b>Films' Club NITK</b>	: Banuchandra N (Convener)
<b>Utkrishtha Bharat</b>	: Shreya Lingareddy (Convener)
<b>Artists' Forum NITK</b>	: Chandan R V (Core)
<b>DDFC NITK</b>	: Tarun Vishnoi (Marketing Head)
<b>IE NITK</b>	: Rahul Siddappa Bale,kundri (Core) Shreya Lingareddy and Abhishek Hiramani(SIG Head)
<b>NITK Racing</b>	: Abhishek Hiramani (SIG Head)
<b>Photography Club</b>	: Vinaya Sagarika Vallapuneni, Gedala Hemanth Kumar Rajeev Bhat (Core)

<b>Rotaract NITK</b>	: Ashwini Kumar (Core)
<b>SPICMACAY NITK</b>	: Shreya Lingareddy (Head of Publicity)
<b>TEDxNITK Surathkal</b>	: Tarun Vishnoi(Head of Operations).

## **STUDENTS ACHIEVEMENTS**

Divyashree was selected for the NITK football team to represent the institute in various football competitions.

S. Sai Teja Reddy won various medals in district-level badminton tournaments.

Nirajan P and Vaibhav Pratap completed their summer internship at Evoke De-Polytechnic University Montreal and Ryerson University, Canada, respectively. They were selected through the MITACS Global Research Internship program.

Akash Kori was selected for the United Nations Millenium Fellowship program 2022-23. The fellowship is a semester-long leadership development program that allows students to take their social impact initiatives to the next level.

Akasnsa won 1st position in the “Safe drive, Save life” science competition.

Kartikey Tiwari won the second position in a quiz competition organized by the Hindi avem Sanskrit club of NITK.

Kartikey Tiwari received 3rd position along with his group in IEEE mistify.

Kamishetty Abhiram and his team won the silver medal in basketball sport during the fresher’s cup 2022.

## **Ph.D. AWARDED**

Harsha M. M.,” Study on the Factors Governing the Travel Time Reliability of Public Bus Transport System”, January 2022. Supervisor: Dr. Raviraj H. M.

Radhika M. Patel, “Numerical Analysis of Pile-Supported Geogrid-Reinforced Embankments on Soft Grounds”, January 2022. Supervisors: Dr. B. R. Jayalekshmi and Dr. R Shivashankar.

Adhirashree, "Resource Recovery and Value-Added Products from Agricultural Waste", January 2022. Supervisor: Dr. Arun Kumar Thalla.

Sarathchandra Pragada, "Small Scale Decentralized Systems for Greywater Treatment and Recycling", March 2022. Supervisor: Dr. Arun Kumar Thalla.

Arpitha, D., “Studies on Durability Performance of Concrete Under Marine Environment Incorporating Metallic Slags as Sand Replacement”, April 2022. Supervisor: Dr. Rajasekaran, C.

Thanu, H.P., “Building Performance Score Model for Assessing the Sustainable Performance in Life Cycle of Building”, April 2022. Supervisor: Dr. Rajasekaran, C.

Hemantha Kumar V., “Effect of Working Temperature on Rheological Properties of Crumb Rubber Modified Binders with Warm Mix Additives”, May 2022. Supervisor: Dr. Suresha S.N.

Ashik Bellary, “Experimental and Numerical Study on Performance of Undowelled Joints in Concrete Pavements”, June 2022. Supervisor: Dr. Suresha S.N.

## **R&D PROJECTS (ONGOING AND SANCTIONED)**

Small Scale and Sustainable Household Wastewater Recycling S3HWR. Sponsored by MHRD and Ministry of Urban Development. Principal Investigator: Dr. Arun Kumar Thalla (2018-2022)

Socio-Economic and Environmental Trade-offs in Managing the Land River Interface. Sponsored by the Department of Biotechnology, Govt. of India under TaSE. Principal Investigator: Dr. Adani Azhoni (2019 - 2022)

Development of Countermeasures to Mitigate Earthquake-induced Damage of RM Breakwater. Sponsored by DST-SERB. Principal Investigator: Dr. Babloo Chaudhary (2020-2022)

Development of an innovative marine bacteria-based cement-electrolyte battery for cathodic protection of reinforced concrete as a low power operator. Sponsored by DST – SERB, New Delhi. Principal Investigator: Dr. T Palanisamy (2020 - 2023)

Strength, serviceability and hazard assessment of Global Vipassana Pagoda considering as-built information and in-situ material properties. Sponsored by Global Vipassana Foundation Trust, Mumbai. Principal Investigator: Dr. Pavan G S (2021 - 2024)

Development of Trip Generation Manual for Indian Cities. Sponsored by CSIR-CRRI. Principal Investigator: Dr. Mithun Mohan (2021 - 2023)

Random verification of Hazardous and other Wastes. Sponsored by the Central Pollution Control Board. Principal Investigator: Dr. Adani Azhoni (2021-2022)

Interaction of various environmental factors on the fracturing behavior and damage mechanism in rocks. Sponsored by DST-SERB under Startup Research Grant. Principal Investigator: Dr. Vinoth Srinivasan (2021-2023)

New resilient breakwater for safety of port and Harbour against Tsunami. Sponsored by Ministry of Ports, Shipping and Waterways. Principal Investigator: Dr. Babloo Chaudhary (2022-2025)

Development of Microbial Biosurfactant for the remediation of selected NSAIDs. Sponsored by DST – SERB, New Delhi. Principal Investigator: Dr. C. P. Devatha (2022-2025)

Impounding of River flood waters along Dakshina Kannada Coast: A sustainable strategy for water resource development approved under IMPRINT-2 programme of DST/SERB with MHRD (Total 1.1 crores). Co- Principal Investigator: Dr. Sreevalsa Kolathayar (research component of Rs. 55 lakhs)

Coastal reservoirs as a sustainable strategy for Water Security. Sponsored by SPARC, Govt of India, Rs. 60 lakhs. Co-Principal Investigator: Dr. Sreevalsa Kolathayar.

## FACULTY AWARDS

Prof. Narasimhan M. C received the “Concrete Teacher of Karnataka – 2021” award instituted by ICI (Bengaluru)-UltraTech on 25th February 2022.



## FACULTY ACHIEVEMENTS

Prof. Subhash C. Yaragal was appointed as a Nominee of VTU Belagavi to the “IQAC Member” of PDACE, Kalaburagi (Autonomous) from 31st January 2022 to 30th January 2025.

Prof. Subhash C. Yaragal was invited as an Expert Member for Faculty selection at KLE Technological University, Hubballi on 11th February 2022.

Dr. Bibhuti Bhusan Das has been nominated as a Member of the Board of Studies in Civil Engineering for a period of 3 years for NMAMIT, NITTE (Deemed to be University).

Dr. Bibhuti Bhusan Das has been nominated as a BOS Member for a period of one year for Mangalore Institute of Technology and Engineering (MITE), Mangalore.

Dr. Raviraj H Mulangi has been nominated as a BOS Member KLE Technological University, Hubli.

Dr. Raviraj H Mulangi has been nominated as a BOS Member G.I.T., Belgaum.

Dr. Sreevalsa Kolathayar was inducted as an Expert member of the Working Group (WG) on developing a new Indian Standard IS 13920 (Part 11) on "Earthquake Resistant Design and Detailing of Coastal Structures”.

Dr. Sreevalsa Kolathayar was inducted as an Expert member of the Working Group on developing a new Indian Standard IS 15988 (Part 11) “Earthquake Safety Assessment and Retrofitting - Coastal Structures”.

Dr. Sreevalsa Kolathayar was re-elected as TC Member of “Earthquake Engineering and Soil Dynamics”, Technical Committee of Geo-Institute, American Society of Civil Engineers (ASCE)

Dr. Sreevalsa Kolathayar was nominated as Executive Committee Member, Indian Society of Earthquake Technology (ISET), IIT Roorkee.

Dr. Rajasekaran, C has been nominated as a BOS Academic Council Nominee for Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu.

Dr. Rajasekaran, C has been nominated as a BOS Member for Noorul Islam Centre for Higher Education, Kumaracoil, Tamilnadu.

Dr. T. Palanisamy has been nominated as a BOS Member for Annapoorna Engineering college, Salem, India.

Dr. T. Palanisamy has been nominated as a BOS Member for Dr. N. G. P College of Engineering and Technology, Coimbatore, Tamil Nadu, India.

Dr. T. Palanisamy has been nominated as a BOS Member for Government College of Engineering (GCE), Salem, Tamil Nadu, India.

Dr. Babloo Chaudhary has been nominated as the Secretary of Asian Regional Technical Committees 1 (AsRTCl): Geotechnical Mitigation and Adaptation to Climate Change-induced Geo-disasters in Asia-Pacific Regions of ISSMGE.

## **PATENTS**

Dr T Palanisamy was granted a patent, “Microbialcerat composite”, Patent No: 399619, on 21.06.2022.

## **INVITED LECTURES DELIVERED**

Dr. Bibhuti Bhusan Das delivered a research talk on the topics “Nanotechnology (Hydration and Microstructure Characteristics)” and "Sustainable Advances and Requirements of Research in Concrete Technology in the Era of the 21st Century" during AICTE sponsored one-

week online ATAL FDP on 'Advances in Construction Techniques' organized by BLDEA's V.P Dr. P.G. Halakatti College of Engineering and Technology, Vijayapur-Karnataka on 5th and 6th January 2022.

Dr. Adani Azhoni delivered two lectures entitled “Emerging environmental issues in river management” and “Hazardous Waste Management: Practices, Issues and Challenges in Karnataka” in the DST-Sponsored Faculty Development Program organized by NIT Rourkela during 12th to 16th February 2022.

Dr. Adani Azhoni delivered a lecture on “Hazardous Waste Management: Practices and Challenges” at the Short-Term Training Program on “Neoteric Developments in Solid Waste Management” organized by NIT Arunachal Pradesh during 21st to 25th March 2022.

Dr. Subhash C. Yaragal gave an Invited Talk on the topic “Water and its Judicious Use” on World Water Day organized by Karnataka Urban Infrastructure Development and Finance Corporation, under Community Awareness, Participation Rehabilitation & Resettlement Activities (CAPRR) on 22nd March 2022.

Prof. Subhash C. Yaragal was invited as Keynote speaker for Three days Workshop on “Advances in Concrete Mix Design”, S. G. Balekundri Institute of Technology, Belgaum on 25th March 2022.

Dr. Rajasekaran C. delivered a keynote lecture during Two-Day National Conference on “Sustainable Infrastructure with Responsible Consumption and Production” at Velammal College of Engineering & Technology, Madurai, Tamil Nadu on 25th March 2022.

Dr. Bibhuti Bhusan Das delivered a keynote address on the topic “Hydration and Microstructure Characteristics of Nano-Silica Admixed Mortar” during US2020 Partnership Workshop on "FRP Materials and Sustainable Structures," organized by Dept. of Civil Engineering, BITS-Pilani, India, held on 4th March 2022.

Dr Sreevalsa Kolathayar delivered a keynote lecture on “Earthquake Hazard Assessment” as a Keynote Speaker in the Second Virtual International Conference ERTSE 2022 organized by the Vellore Institute of Technology, Chennai in association with Indian Concrete Institute, Chennai Centre from 24th to 25th March 2022.

Dr. Sreevalsa Kolathayar delivered a talk on “Innovative Soil reinforcement techniques for sustainable construction” in Five-Days Online e-Short-Term Course on “Advances in Transportation and Environmental Geotechnics (ATEG-2022)” at NIT Hamirpur during 4th to 8th April 2022

Dr. Sreevalsa Kolathayar delivered a talk on “Geotechnical Interventions in DRR for Sustainable Development” at 5 - Day Short-term Course on "Soil and Rock Geotechnics for Sustainable Infrastructure (SRGSI)” organized by NIT Patna from 4th to 8th April 2022.

Dr. Pavan G S delivered an Invited talk on “Structural Masonry and Rammed Earth” organized by the Department of Civil Engineering, Nagarjuna College of Engineering and Technology, Bangalore on 27th May 2022.

Dr. Babloo Chaudhary delivered a keynote lecture on the topic “17 Years after the 2004 Indian Ocean Tsunami: Are We Prepared Enough?” at the National Workshop on Recent Advances in Geotechnics for Infrastructure (RAGI 2022), jointly organized by Association of Consulting Civil Engineers (India), Mysore Centre; Indian Geotechnical Society, Bengaluru Chapter; Vidyavardhaka College of Engineering, Mysuru; ATME College of Engineering, Mysuru; Maharaja Institute of Technology Mysore; Sri Jayachamarajendra College of Engineering, JSS Science & Technology University, Mysuru and The National Institute of Engineering Mysuru on 28th May 2022.

Dr. Sreevalsa Kolathayar delivered a keynote lecture on the topic “Disaster Geotechnics” at the National Workshop on Recent Advances in Geotechnics for Infrastructure (RAGI 2022), jointly organized by Association of Consulting Civil Engineers (India), Mysore Centre; Indian Geotechnical Society, Bengaluru Chapter; Vidyavardhaka College of Engineering, Mysuru; ATME College of Engineering, Mysuru; Maharaja Institute of Technology Mysore; Sri Jayachamarajendra College of Engineering, JSS Science & Technology University, Mysuru and The National Institute of Engineering Mysuru on 28th May 2022.

Prof. Subhash C. Yaragal gave an Invited talk on World Environment Day on “Positive changes to protect earth” at an event organized by Suez Projects Private Limited and Government College of Teacher Education, Mangalore, on 6th June 2022.



Dr. Sridhar G delivered an invited lecture titled “Utilization of Iron Ore Tailing as Granular Fill in Mechanically Stabilized Earth Walls” during National Seminar on “Applications of Geosynthetics and Natural Fibers in Infrastructure Development” organized by Department of Civil Engineering, IIT Madras on 24th June 2022.

## **PUBLICATION IN JOURNALS**

Arpitha, D. and Rajasekaran, C. Study on Durability Properties of Sustainable Alternatives for Natural Fine Aggregate. *Journal of The Institution of Engineers (India): Series A*, volume 102, 1105–1112. <https://doi.org/10.1007/s40030-021-00580-7>. Jan 2022.

Thanu, H.P., Rajasekaran, C. and Deepak, M D., "Developing a building performance score model for assessing the sustainability of buildings", *Smart and Sustainable Built Environment*, DOI:10.1108/SASBE-03-2020-0031., 11(1). pp. 143-161. March 2022.

Bellary, A., Suresha, S. N. “ANN Model to Predict Joint Stiffness of White-topped Pavements Using Falling Weight Deflectometer (FWD) Data”. *Int. J. Pavement Res. Technol.* <https://doi.org/10.1007/s42947-021-00137-8>. 2022.

Sreya, M. V., Jayalekshmi, B. R., & Venkataramana, K. “Effect of Coir Reinforced Soil on the Seismic Response of RC Framed Buildings”. *Indian Geotechnical Journal*, 1-22. [doi.org/10.1007/s40098-021-00593-w](https://doi.org/10.1007/s40098-021-00593-w). January 2022.

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Kolathayar, S., & Gadekari, R. S.. “Model Footing Tests and Analytical Studies on Clayey Soil Bed Reinforced with Coconut Shell”. *Mat. International Journal of Geosynthetics and Ground Engineering*, 8(2), 1-10. <https://doi.org/10.1007/s40891-022-00375-1>. 2022.

Rashma, R. S. V., Jayalekshmi, B. R., & Shivashankar, R. “Influence of Earthquake Characteristics on Pervious Concrete Column Improved Ground”. *Geotechnical and Geological Engineering*, 1-16. [doi.org/10.1007/s10706-022-02050-8](https://doi.org/10.1007/s10706-022-02050-8). January 2022.

Shreyas, Alagundi and T. Palanisamy. “Neural network prediction of joint shear strength of exterior beam-column joint”. *International Journal of Structures” PP Structures* 37 1002–1018 <https://doi.org/10.1016/j.istruc.2022.01.013>. 2022.

Balaji and Sitaram Nayak "Experimental investigation and performance evaluation of lithomargic clay stabilized with granulated blast furnace slag and calcium chloride". *International Journal of Geosynthetics and Ground Engineering*. DOI:10.1007/s40891-022-00355-5. January 2022.

Teema Thomas and Arun Kumar Thalla "Nutmeg seed shell biochar as an effective adsorbent for removal of remazol brilliant blue reactive dye: kinetic, isotherm, and thermodynamic study". *Energy Sources Part A: Recovery, Utilization, and Environmental Effects [Taylor& Francis]*, Vol. 44 (1), pp. 893–911, March 2022

Radovic, D. Mithun Mohan and Bogdanovic, V. “Comparative Analysis of Critical Headway Estimation at Urban Single-Lane Roundabouts”. *Promet - Traffic & Transportation*, 34 (2), 323-335. <https://doi.org/10.7307/ptt.v34i2.3902>. April 2022.

Nimisha P, Jayalekshmi B R and Venkataramana K (2022): “Parametric study on frequency characteristics of cylindrical liquid tanks”, *Journal of IE(I) Series A*, Springer, pp.1-9 (online publication) <https://doi.org/10.1007/s40030-022-00646-0>. May 2022.

Raghuram, K. C., Hemanth, K. D., Yatish, R. G. and Ravi Shankar, A. U. “Laboratory evaluation of use of areca fibres in SMA mixes”. *International Journal of Pavement Engineering*. <https://doi.org/10.1080/10298436.2022.2076090>. May 2022.

M. Gunasekaran, and T. Palanisamy. “Effect of fly ash and bagasse ash on the mechanical properties of light weight concrete”., *International Journal of Cement Wapno Beton*, 27(2), 72-101. doi: <https://doi.org/10.32047/CWB.2022.27.2.1>. 2022.

Halyal, S., Mulangi, R.H., Harsha, M.M.“Forecasting public transit passenger demand: With neural networks using APC data”, *Case Studies on Transport Policy*,10(2), pp. 965-975. <https://doi.org/10.1016/j.cstp.2022.03.011>. June 2022.

## **PUBLICATION/ PRESENTATION IN CONFERENCES**

Ojaswi K S and B R Jayalekshmi, “Study on Effect of Foundation Soil on Mass Irregular Buildings Under Seismic Loads”. Proceedings of the 10th International Conference on Contemporary Engineering and Technology (ICCET 2022) at Chennai during 21- 22 May 2022.

Ojaswi K S and B R Jayalekshmi, “Comparison of Response in Mass Irregular Buildings under Seismic Loading for different Foundation Soils”. Proceedings of the International Conference on Emerging Trends in Engineering, Management & Technology (ICETEMT 2022) at Bangalore. 21- 22 June 2022.

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Ansarsha. A. and Mithun Mohan. “Investigating Accidents at a Newly Opened Highway: A Case Study from Kerala”. Online National Conference on Traffic Technologies, organized by Central Academy for Police Training (CAPT) Bhopal, 3-4 March 2022.

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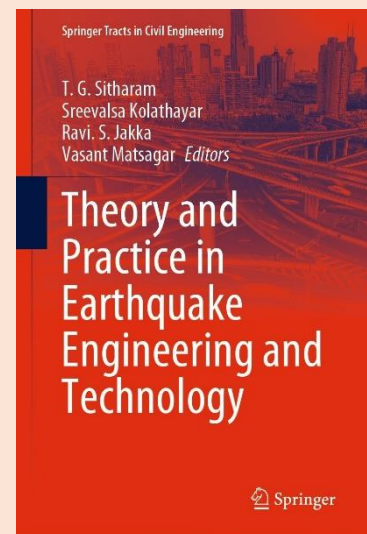
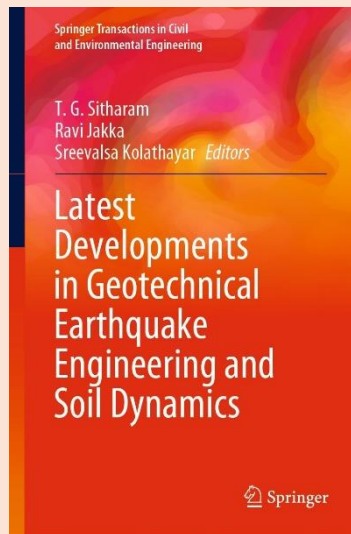
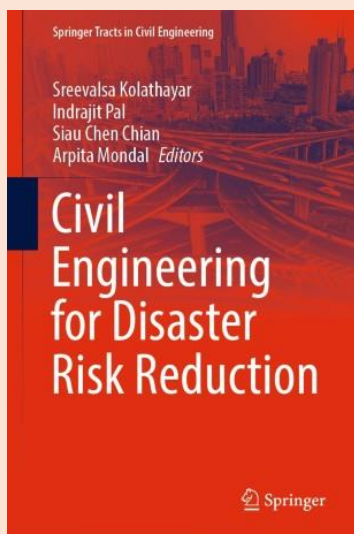
Rahman P.A., Reddy G.R., Venkataramana K. (2022). “Dynamic Behaviour of Bridge Pier Due to Direct Vehicle Collision”. In: Fonseca de Oliveira Correia, J.A., Choudhury, S., Dutta, S. (eds) *Advances in Structural Mechanics and Applications*. ASMA 2021. Structural Integrity, Vol 19. Springer, Cham. pp. 142-166 (online publication June 2022) [https://doi.org/10.1007/978-3-030-98335-2\\_10](https://doi.org/10.1007/978-3-030-98335-2_10)

## **BOOKS (EDITED)**

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## **MOU With INA**

An MOU was signed between Garrison Engineer (P) Indian Naval Academy (INA) Ezhimala and National Institute of Technology, Karnataka, Surathkal, represented by Dr Sreevalsa Kolathayar, Assistant Professor, Department of Civil Engineering, NITK, duly authorized by Prof Karanam Uma Maheshwar Rao the Director, NITK, Surathkal, Mangalore. (Letter No 139/07/LBW/02 dated 07 Sep 2020).

## B. TECH CIVIL ENGG. CAMPUS PLACEMENTS 2021-22

Name	Company Placement	Name	Company Placement
GAURAV KUMAR CHAURASIA	Servicenow	Shreehari M	o9 SOLUTIONS
Bharat Singh Shekhawat	WALMART LABS	BINDIYA H SHETTY	o9 SOLUTIONS
Suraj Kumar L	Wells Fargo	Abhay Mishra	o9 SOLUTIONS
Hardik Mittal	Searce Cosourcing Services	Kantevari Sai Vineetha	o9 SOLUTIONS
Saurabh Tiwari	ZS Associates-IT	Samartha P	o9 SOLUTIONS
Srinivasa P R	MRPL	R Naveen Kumar reddy	L&T Infotech
SUNIMONI ARUN KUMAR	MRPL	Albin Santhosh	Novartis Healthcare
kesava sai ganesh Chokkapu	ICICI BANK	P R Chandan	Novartis Healthcare
Rujutha Nithyananda Beskooor	ICICI BANK	PURUSHOTTAM K V	Blue Yonder
shashank	ICICI BANK	Sanju Nayak	IQVIA
Mihir BL	BlackBuck	Borra Venkat satyanath Reddy	Tiger Analytics
G K RAMYASHREE	Whitehat Jr.	puneeth kumar N R	HCL Technologies
Rohit Handique	Citi India	L chethan kumar	HCL Technologies
SHANKAR SHUBHAM	Cairn LTD	Anusree Kuniyedath Sachith	QUANTIPHI
Sathvika.B.Mahesh	Apptio India	Roshan Tony Maenam	Deloitte
Utkarsh Ghiya	Futures First Info	RUDRARAJU LIKITH VAMSHI	Deloitte
Sai Shruti Prakhya	ZS Associates India	Shreyank R	Deloitte
Pavan N	ZS Associates India	Kiran Gajanan Kolhapure	Deloitte
Anuj Kumar Singh	Impact Analytics	Jiffina James Patrick	Deloitte
valmik KHADKALE	Cogoport	Vaishnavi Bhat	Deloitte
PAMARTHI PRANEETH	Brillio Technologies	Sachin kumar saroha	Deloitte
kuchi Rohith sai	Bharat Electronics Limited	Dhrubo Jyoti Nath	BYJU'S
PRAVEEN S ANKALAGI	Bharat Electronics Limited	Bhupendra Nagar	KNOWLVERS CONSULTING
Raj Gupta	Bharat Electronics Limited	Gaurav Hore	TresVista Financial
Mohit Verma	Bharat Electronics Limited	Shashank S R	L&T
Ramya Suresh Hegde	Radisys India	Siva reddy	L&T
NALLA SUDEEPTHI	Radisys India	Siyaf Yoosuf	L&T
Avinash	WIPRO	BHALLAM APOORVA	L & W CONSTRUCTION
ANIL NAYAK	WIPRO	Prabakaran Deveshwaar	L & W CONSTRUCTION
Naveen Chitrashekhar Chiralli	Eli Lilly Services India	SOHANI S	L & W CONSTRUCTION
NAGAVELLI NITYA SATYA NIVAS	ANZ	Venkat Varun Galla	L & W CONSTRUCTION
AVIKAL SAGAR	BOEING	Thomas Jose	Hindustan Colas Private Ltd.
Vaibhav Sahai	OLA Electric	Sam Madathil Sabu	Hindustan Colas Private Ltd.
Drishiti Rawat	OLA Electric	shaik zuber galab	Hindustan Colas Private Ltd.
Kunal Suresh Motwani	Thorogood Associates	KEERTHANA H B	TATA Projects
SHREYAS KULKARNI	Thorogood Associates	Krishnamurthy M C	TATA Projects
Nandyala Vasudeva Reddy	Capgemini	SAI NIKHIL P	Accenture
Mandala Rakesh	Sapiens Technologies India		

## M.TECH CAMPUS PLACEMENTS 2021-22

### STRUCTURAL ENGG

Name	Company Placement
Shubham Gupta	Virtueinfo Tech
Ashish Sharma	Intellipaat Software Solutions
Jayant Wadhwa	HSBC
Arjun Ravindran	IQVIA
Ojaswi K S	QUANTIPHI
Kanika Sharma	KNOWLVERS CONSULTING
Vikas Naddh Reddy Bijivemula	Factsplan Analytics
Rohith S Naik	Arka Energy
Sushanthkumar K V	Total Environment
PALLA HARI CHANDANA	ASEC Inc.
Abhilash Pradhan	L & W CONSTRUCTION
Ajay Ghavari	ASEC Inc.
Arun Kumar A	L&T
Arun Sankar K S	L&T
Bezawada Sai Aditya Pavan Kumar	L&T
Denny P Daniel	L&T
Jenna Maria Jaleen	L&T
Kamurthy Dinesh Kumar	L&T
Nihal K	L&T
Nitesh Netam	L & W CONSTRUCTION
Parth Goel	L&T
Sidharth Ks	L&T
Uday Kumar Bobbili	L&T
Venkat Kishore Tata	L & W CONSTRUCTION
Aparna B	L&T
BOKADE SWAPNIL TRIMBAK	ASEC Inc.
CHETHAN J	L&T
Priyusha G	L&T
Ambati Vamsi	TATA Consulting Engineers
Gane Hemanth Kumar	TATA Consulting Engineers
Gontupulugu Sumesh Manohar	TATA Consulting Engineers
K Rohit Kumar	TATA Consulting Engineers
Sanjay Krishnan N	TATA Consulting Engineers
Satyam Saxena	BYJU'S
Singh Vishal Dinesh Shashi	BYJU'S

### GEOTECHNICAL ENGG

Name	Company Placement
Aman Singh	FEDERAL BANK
Kancharla Kiran Kumar	FEDERAL BANK
Astha Sharma	Sapiens Technologies
Revathy S	TATA Projects
Abhishek Baboo	L & W CONSTRUCTION
Akshay Kumar Singh	L & W CONSTRUCTION
Anand Pal	L & W CONSTRUCTION
Anuja P B	L&T
Durgam Mahesh	L & W CONSTRUCTION
Nimish Ajit Patil	L&T
Amal Jose	TATA Consulting Engineers
Basanagouda Subhashgouda Patil	TATA Consulting Engineers
Enjamuri Rohan	TATA Consulting Engineers
Shabinraj P P	TATA Consulting Engineers
ANAND KORI	TATA Consulting Engineers
Marupudi Pavan Sai	OCS Designs



**ENVIRONMENTAL ENGG**

Name	Company Placement
Abdul Mujeeb	Capgemini
Ganga P V	PricewaterhouseCoopers
Najla Thasneem V P	PricewaterhouseCoopers
Reshmi A C	PricewaterhouseCoopers
Sruthikrishna M	Sapiens Technologies
Nithin Varghese John	Knowlvers Consulting
Aswathi P	L & W Construction
Jain Deepak Ramesh	L & W Construction
Krishna P K	L & W Construction
Kulkarni Hrushikesh Shantaram	L & W Construction
Veeresh Kurva	Think and Learn (Byjus)
Aswani H V	WSP India
Febeena C K	WSP India
Manju B R	WSP India
Nasreen K	EXL Service – Normal
Benita Susan Thomas	Atkins India
Krishnapriya S	Atkins India
Anchal Gupta	Teachnook
Chinta Susmitha Reddy	Turing
Soumya Saklecha	Teachnook
Tajalli Mohi ud din	Re Sustainability Ltd

**TRANSPORTATION ENGG**

Name	Company Placement
Sumaiya Rahman	ICICI BANK
Ashish Chandra	PricewaterhouseCoopers
Bharat Detha	PricewaterhouseCoopers
Divya Katrawath	PricewaterhouseCoopers
Gangireddy Gari Naveen Kumar Reddy	Capgemini
Mohammed Sadiq	PricewaterhouseCoopers
Sivasakthivel G	HSBC
Sravanthi Bhatula	Blue Yonder
Sivanagu Gidugu	BRIDGEi2i Analytics Solutions
Chintapatla Snetha	Factspan Analytics
Jeeredy Charankumar Reddy	Factspan Analytics
Sai Bharath Kumar Chapala	Knowlvers Consulting
Sathya Dharan Shiva	Factspan Analytics
Appanna Bardol	Afcons Infrastructure
Tanmay Gupta	Afcons Infrastructure
Vivek Karosiya	Afcons Infrastructure
Laxmi Parashuram Gaddi	L & W Construction
Rishabh Kumar	L & W Construction
Shashank Raman	L&T
Premjith Prakash	WSP India
Akash S Khandri	Atkins India
Chetan K S	Atkins India
Km Swati	Atkins India

## CONSTRUCTION TECHNOLOGY & MANAGEMENT

Name	Company Placement
Pearl Varghese	Tata Realty and Infrastructure Ltd.
Manoj K R	PricewaterhouseCoopers (PwC)
Akshay J P	HSBC
Ponagandla Vivek Reddy	IQVIA
Vangala Yamini Devi	IQVIA
A R Akhilesh Kumar	TATA Projects
Anita Babu	TATA Projects
Banoth Vennela	TATA Projects
Bathula Prabhakar Sandeep	TATA Projects
E Sonali Patro	TATA Projects
Harsh Vardhan Sharma	TATA Projects
Katta Naresh	TATA Projects
Kishankumar Somaling Gennur	TATA Projects
Nidimusali Yashwanth	Machani Group
Nikunj Patidar	TATA Projects
Rachapudi Raviteja	TATA Projects
Rachitha H	TATA Projects
Saurabh Mishra	TATA Projects
Somil Jain	TATA Projects
Varsha Babu M	TATA Projects
Kanupriya Dhiman	Vconstruct
Ramadoddi Sreekanth	AFCONS INFRASTRUCTURE
Vadher Nikulkumar Ramnikbhai	Vconstruct
<b>DARABOINA KALYAN KUMAR</b>	AFCONS INFRASTRUCTURE
Rajesh Gaskula	L & W CONSTRUCTION
Ravutla Sujan	L & W CONSTRUCTION
Sreehari M	Pin Click
Aman Kumar Pandey	ProUltimus Consulting
Gaurav Bhatt	ProUltimus Consulting

## B. TECH CIVIL ENGG. BATCH 2018-22

### Section C1



### Section C2



## M.TECH BATCH 2020-22



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