



# BMS

## INSTITUTE OF TECHNOLOGY AND MANAGEMENT AN AUTONOMOUS INSTITUTE UNDER VTU

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

### DEPARTMENT OF CIVIL ENGINEERING

#### Faculty Achievement - 2021-22

- Dr Rajesh Gopinath (Associate Professor, Department of Civil Engineering & Key Liaison-OIKOS) has delivered an Expert Talk on "Problem based Experiential Research in Under-graduate Programs" on 2nd July 2022, in the forum of National Conference on Science, Engineering and Management; organized by The Oxford College of Engineering, Bengaluru.
- Dr.Velumani P, Associate Professor, Department of Civil Engineering, BMS Institute of Technology and Management performed as a reviewer for Journal of Materials in Civil Engineering(Sustainable utilization of foundry waste: cracking property analysis of basalt fiber reinforced rudder concrete) on 05.07.2022
- Dr Velumani P, Associate Professor, Department of Civil Engineering, BMS Institute of Technology performed as Chief guest and Delivered Key note address in the 9th National conference on Trendy and Sustainable development in civil engineering (NCTSDCE 2022) organised by the Department of civil engineering K.S.R College of engineering on 10.06.2022
- Dr Rajesh Gopinath (Associate Professor, Department of Civil Engineering & Key Liaison-OIKOS) was invited as a resource person on the occasion of World Environment Day celebrations (05.06.2022) by Kempe Gowda Parisara Samrakshane Vedhikey, Yelhanka. The program was organised in collaboration with Karnataka Rajya Raitha Sangha and Hasiru Sene. Other dignitaries included Renowned Environmentalist Shri Suresh Heblkar, Shri Vishwanath S (Expert on Water Management) and Shri Bhaskar Rao (Ex-Commissioner of Police-Bengalure). On this occasion, Dr Rajesh Gopinath addressed the need to re-establish the missing connection of Nature with Humans to ensure further sustainability.
- Dr Rajesh Gopinath (Associate Professor, Department of Civil Engineering & Key Liaison-OIKOS) has delivered a Webinar on "Are you an Environmental Steward" on 23.06.2022. The forum was organised by NDLI and the beneficiaries were student members from Nitte Meenakshi Institute of Technology, BMSIT and Atria Institute of Technology.

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- Inculcate human values through outreach activities

- Dr Rajesh Gopinath (Associate Professor, Department of Civil Engineering & Key Liaison-OIKOS) has been awarded with "Environment and Climate Educator Award [under Individual Category] on 12.06.2022, by EcoR Foundation (an Environmental Conservation and Social Service NGO). The award was announced online during the eve of MILIEURA (International Virtual Conference).
- Dr.Velumani P, and Dr.Aruna G Associate Professor(s), Department of Civil Engineering, BMS Institute of Technology and Management, chaired an International conference named "DigiTechCon'2022" organized by Department of Civil Engineering, Sona College Of Technology, Salem, Tamilnadu, India on 25.05.2022 and 26.05.2022.
- Dr Rajesh Gopinath, Associate Professor, Department of Civil Engineering, BMS Institute of Technology and Management was one among the resource persons in The ECOR Foundation's "Raise your Voice for Nature", on 22.05.2022 (International Day for Biodiversity). On this and has delivered an Expert Excerpt on "Land of Dying Lakes".
- Dr.Velumani P, Associate Professor, Department of Civil Engineering, BMS Institute of Technology and Management was a reviewer for ICCAEE'2022, China and reviewed a paper titled "Correlation Analysis between the Structure of Clay and Unsaturated Characteristic Parameters".
- Prof Vinod B R ,Department of Civil Engineering, was a reviewer of a paper on " "Effect of aloe vera natural fiber orientation on the mechanical properties of developed composites " Advances in Materials and Processing Technologies" Taylor & Francis.
- Dr Chandrashekarappa A, Assistant Professor, Department of Civil Engineering has completed course in IIRS – ISRO outreach program on "Global Navigation Satellite System and Location based services" in online mode from 21.02.2022 to 04.03.2022
- Dr Chandrashekarappa A, Assistant Professor, Department of Civil Engineering has completed course in IIRS – ISRO outreach program on "Hyper spectral microwave Remote Sensing Techniques for Geological Studies" in online mode from 07.03.2022 to 17.03.2022
- Dr. Lalit Kumar Gupta, Assistant Professor, Department of Civil Engineering has delivered a talk on "An Approach to Produce Sustainable Cement Mortar with Granite Powder" in Faculty Development Program on "Materials for Sustainability of Transportation Infrastructure" organised by Vivekananda Institute of Technology, Jaipur on 02.02.2022
- Dr. Vibha Venkataramu, Assistant Professor, Department of Civil Engineering has delivered a talk on "Industrial wastes as a potential resource for construction materials" during the Faculty Development Program on "Green Concrete Technology 2022" organised by Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai, on 25.02.2022

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- Dr Rajesh Gopinath (Associate Professor, Department of Civil Engineering) has won the best BEST PRESENTER OF THE CONFERENCE AWARD for his paper “Design and Development of Sensor-Based Cost-Effective Prototype for Early-Warning and Monitoring of Urban Floods in Smart Cities”; in the Online International Multidisciplinary Conference On Recent Trends in Environmental Science and Management Conference, which was conducted on 06.08.2021 and 07.08.2021. The award was announced in Feb 2022, after 6 months long scrutiny by an International Award Selection Committee. The conference was jointly organised by the Department of Environmental Science, KTHM College - MAH, India, in Collaboration With Brazil Chapter – Brazil Chapter - International Youth Society, Australia.
- Dr Velunmani P Associate Professor BMS Institute of Technology and Management, Bengaluru, Karnataka, has served as Reviewer to a research Article in Journal of Materials in Civil Engineering - ASCE[SCI]. Entitled “Standard sample analysis for unconfined compressive strength test of earth block masonry.”
- Dr Deepak M S Assistant Professor BMS Institute of Technology and Management, Bengaluru, Karnataka, has served as Reviewer to a Article of Architecture–Civil Engineering–Environment Journal [WoS]
- Dr Athiyamaan V Assistant Professor, Department of Civil Engineering participated in the Annual Inter Collegiate staff tournament held in PES University, Bangalore representing our BMSIT&M from 25.02.2022 to 27.02.2022 and secured 2nd place in volleyball.
- Dr Deepak M S Assistant Professor BMS Institute of Technology and Management, Bengaluru, Karnataka, India has served as Reviewer in the INDIAN STRUCTURAL STEEL CONFERENCE organised by Structural Steel Research Group, IIT Hyderabad held from 06.01.2022 to 08.01.2022 January 2022. organised by Structural Steel Research Group, IIT Hyderabad held from 06.01.2022 to 08.01.2022
- Dr Rajakumara H N , Professor & Head , Department of Civil Engineering, BMSIT & M , awarded “Best Reviewer” for the outstanding contribution to the quality of International Conference on Civil Engineering Trends and Challenges for Sustainability (CTCS-2021) during 19th and 20<sup>th</sup> November, 2021 organized by the Department of Civil Engineering, N.M.A.M. Institute of Technology, Nitte, Karkala.
- Dr Rajesh Gopinath, Associate Professor, Dept. of Civil Engineering, was one among the Panelists organised by RICS for the Discussion upon the topic "BUILT ENVIRONMENT EDUCATION IN POST-PANDEMIC WORLD', on 03.09.2021

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- UG projects under the guidance of Prof.Vinod B R Assistant Professor , Department of Civil Engineering , BMSIT&M have been awarded with Dr S. K. Shivakumar award, with a cash prize of Rs.10,000/- in a competition organized by Karnataka science and Technology Academy (KSTA) Bangalore for their Innovative Project titled “ Regulating Water supply to reduce water Wastage and ensure equal distribution of water in rural areas ” by 4th sem students- Hitesh Gowda R S, Adarsh L, Sridhar H R and Varsha G.
- UG projects under the guidance of Prof.Vinod B R Assistant Professor , Department of Civil Engineering , BMSIT&M have been awarded with Dr S. K. Shivakumar award, with a cash prize of Rs.10,000/- in a competition organized by Karnataka science and Technology Academy (KSTA) Bangalore for their Innovative project titled “ Plastic tiles with Fireproofing Technology “by Students from 8th semester - Vikas C, Darshan J , Praveen Kumar D S and Bhuvanesh G .
- The Research Work titled "Design of Self-Compacting Self Curing Sustainable Concrete" has been sponsored by “SCINDIA CONSTRUCTIONS” with an External Project Funding of INR 10,000 /- (Indian Rupees Ten Thousand only), carried out by Dr DEEPAK M S (PI) and UG Students Ms. Rithika Raj, Ms. Alekhya B, & Ms. Harini B S (CoPI), at Department of Civil Engineering, BMS Institute of Technology and Management, Bengaluru- 560064.
- Dr Rajesh Gopinath (Associate Professor, Dept. of Civil Engg.) has completed the 30 hours MOOC on "Green Industrial Policy Promoting Competitiveness and Structural Transformation" offered by United Nations', on 06.09.2021.
- Mrs Archana K, Assistant Professor, Department of Civil Engineering has extended delivered a technical talk on “ Hydropower & Sustainability” for 4th sem Civil Engineering students, Alva’s Institute of Engineering & technology , on 7th August 2021 through google meet - sfy- pxyo-csv
- Mrs Archana K, Assistant Professor, Department of Civil Engineering was a reviewer for a paper on Vehicular Traffic and air pollution, Materials Today Proceedings Journal
- Dr. Lalit Kumar Gupta, Assistant Professor, Department of Civil Engineering, was a reviewer of a paper on "Engineering Properties of Soda-Lime Glass Powder on Portland Cement CEM IV-B-L Mortar" for the journal "Cleaner Materials"
- Dr Rajakumara H N, Professor and Head, Department of Civil Engineering , BMSIT&M, has complete an online course on “Geospatial Modelling for Watershed Management”, hosted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun held between 02/08/2021 to 06/08/2021

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- Mrs Archana K, Assistant Professor, Department of Civil Engineering , BMSIT&M, has complete an online course on “Hydropower- Key issues and challenges in a changing energy world”, hosted by Tractebel Engie, Belgium. Completed on 07/08/2021
- Dr Chandrashekharappa Agasnalli, Assistant Professor, Department of Civil Engineering , BMSIT&M has completed online course on “Geospatial Modelling for Watershed Management”, hosted by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun held between 02/08/2021 to 06/08/2021.

### **Technical Staff Achievement**

- Mr Anthony Raj, Instructor, Department of Civil Engineering , B M S Institute of Technology and Management has participated and Successfully completed online mooc on the topic Introduction to Plumbing from Alison University on 03.01.2022.
- Mr Anthony Raj, Instructor, Department of Civil Engineering , B M S Institute of Technology and Management has participated and Successfully completed online mooc on the topic Construction Safety and Health from Alison University on 07.01.2022.
- Mr Anthony Raj, Instructor, Department of Civil Engineering , B M S Institute of Technology and Management has participated and Successfully completed online mooc on the topic Introduction Basic Electrical Drawings and Test Equipment from Alison University on 12.01.2022.

HoD  
Dr.Rajkumara H N

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