



BMS

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

DEPARTMENT OF CIVIL ENGINEERING

Student Achievements

- Two projects from the Department of Civil Engineering have participated in the "Fifth IEEE National Level Project Competition-2021 (Virtual)" on 26.06.2021. The competition was organised by GSSS Institute of Engineering and Technology for Women, Mysuru IEEE Student Branch in association with

IEEE Bangalore Section and IEEE Mysore Sub Section.

Details are follows :

Proposal of Smart-Elevated Shoulders for Existing Townships and Upcoming Smart Cities; by Students: Gurudeep G, Manohar BM, Sunkara Chethan (6th Semester), under guidance of Dr Rajesh Gopinath.

Design of a novel-smart 'Prototype' for the removal of Suspended Particulate Matter, for improving Indoor Air Quality; by Ananya N.B, Manjusha M, Rupali Niranjana, Sushmitha.V (8th Semester), under guidance of Dr Rajesh Gopinath.

Faculty Achievements

- Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered a Expert Talk on "Urban Warming: Need for Climate Sustainability in Smart Cities", on 6.08.2020 via Google Meet in the FDP on Smart City Innovations by Applying Engineering Technologie. The FDP was organised by "Department of Civil Engineering, RIT, Bengaluru". The talk can be viewed in the OIKOS YouTube Official Channel via the link https://youtu.be/VQ1_tIaZ_EM
- As part of Outreach of OIKOS, Dr Rajesh Gopinath (Associate Professor & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS) has delivered a Expert Talk on "Urban Warming: A Case Study of Bangalore", on 24.08.2020 via Google Meet in the Expert Lecture series "Sunday Spark", organised by NGO EcoR, Cochin. The talk can be viewed in the OIKOS YouTube Official Channel via the link <https://youtu.be/oQoMytPomo4>

- Mr Vinod B R , Assistant Professor, Department of Civil Engineering, BMS Institute of Technology and Management Bangalore has Delivered an invited talk through online on “Technical Expectations in Construction Companies” at Wildhub Designs Pvt Ltd on 9.08.2020.
- Dr Rajesh Gopinath (Assoc.Prof & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS); has delivered an Expert Talk on "Environmental Stewardship: Much needed Universal Human Value", on 17.12.2020 at The Oxford College of Engineering, Bengaluru; as part of the First Year Student's e-Induction Program.

Dr. Rajesh Gopinath, Associate Professor and Head of Department of Civil Engineering, has delivered an invited expert talk via Webinar on “Environmental Stewardship”, organised by Green Club, at RRIT (Bengaluru) on 18.11.2020.
- Dr. Rajesh Gopinath, Associate Professor and Head of Department of Civil Engineering, has delivered an invited expert talk on “Environmental Awareness and need for environmental Stewardship”, organised by Department of information science and Engineering and Mechanics and Chemistry, Acharya Institute of technology (Bengaluru) on 10.12.2020.
- Dr P Velumani, Associate Professor, Department of Civil Engineering, has delivered an invited expert talk on “Indoor air Quality and Other Comforts in Building”, organised by Navodaya Institute of Technology, Bigenger Road Raichur on 31.12.2020.
- Dr Rajesh Gopinath was a resource person and has delivered a Expert Talk on "Urban Warming : Need for Climate Sustainability in Smart Cities" on 11th January 2021; during the Refresher course on “Environmental Science / Education”, sponsored by UGC, Human Resource Development Center (HRDC) at Savitribai Phule Pune University, Pune from 05 th January 2021 to 18 th January 2021
- Dr Rajesh Gopinath (Assoc.Prof & HoD, Dept. of Civil Engineering & Key Liaison-OIKOS); has delivered an Expert Talk on "Urban Warming : Need for Climate Sustainability in Smart Cities", on 11.01.2021 at Human Resource Development Center (HRDC) at Savitribai Phule Pune University, Pune.

- Dr. Rajesh Gopinath (Assoc. Professor & HoD and Key Liaison-OIKOS) has participated in the One Day International Webinar on “Wetland Systems” organized by Department of Environmental Science, School of Earth Sciences, P.A.H. Solapur University, Solapur (MS) India on Monday, 2.2.2021.
- Shimna Manoharan, Assistant Professor, Department of Civil Engineering has extended their support as Resource person for technical talk on Carbon Footprint - Our responsibilities at Boomitra Sena Club of Marian College, Thiruvananthapuram, Kerala on 21.06.2021. 85 participants attended the interactive session.
- On the Eve of World Environment Day (5th June 2021), Dr Rajesh Gopinath (Assoc. Professor, Dept. of Civil Engineering) has delivered an Awareness Talk via Zoom/ Google Meet; on "Eco-Clubs : The Green Crusaders of Environmental Stewardship"; organised by Bhoomitrasena Club,
- Marian Engineering College, Kerala.
- On the Eve of World Environment Day (05.06.2021), Dr Rajesh Gopinath (Assoc. Professor, Dept. of Civil Engineering) has delivered Motivational Talk via Google Meet on "Environmental Sensitization and Stewardship: Need of the Hour", organised by Department of Civil Engineering, Vel Tech High Tech Dr Rangarajan Dr Sakunthala Engineering College, Chennai.
- On the Eve of World Environment Day (05.06.2021), Dr Rajesh Gopinath (Assoc. Professor, Dept. of Civil Engineering) has also presided as the Guest Speaker in online World Environment Day Celebrations viz Google Meet; organised by the Federation of International Students Associations Bangalore (FISA-B) and Indian Council for Cultural relations (ICCR) viz the Online Platform. He had addressed International Students from over 50 Countries and Sensitised them with the topic: World Environment Day: Just Another Day?"
- Faculty Awards:
- Vinod B R , Assistant Professor, Department of Civil Engineering, received an Best Young Researcher from IRDP Group of Journals on 13.12.2020.
- Patent :

- Vinod B R, Shobha R Assistant Professor, Department of Civil Engineering Has filled patent with Application no: 202041041304, Title of Invention: “Novel Approach for Class Recording & Blackboard cleaning System and Methods thereof”, Date of filing:23-09-2020, Jurisdiction: Bangalore, India.
- Vinod B R, Shobha R Assistant Professor, Department of Civil Engineering Has filled patent with Application no: 202041041755, Title of Invention: “Occupational stress model and coping strategies thereof”, Date of filing:25-09-2020, Jurisdiction: Bangalore, India.
- Mr Vinod B R got the patent on Application no: 2021101722, Title of Invention: “An Investigation Of Abrasive Water Jet Machining On Glass Fiber Reinforced Polymers”, Date of filing: 04-04-2021, Jurisdiction: Australia.
- Dr Deepak M S got the patent on Application no: 202141013917 A, Title of Invention Cold Formed steel hybrid double box girders”, Date of filing: 09-04-2021, Jurisdiction: Chennai, India
- Reviewer for Journal / Conference:
- Dr. Deepak M S, Assistant Professor, Department of Civil Engineering was a reviewer for Engineering Construction and Architectural Management, Emerald Publishers (SCI).
- Dr. Deepak M S, Assistant Professor, Department of Civil Engineering was a reviewer for Structural Concrete, Wiley Publications. (SCI).
- Dr. Chandrashekarappa Agasnalli, Assistant Professor, Department of Civil Engineering was a reviewer for Online-SPRINGER International Conference (under the umbrella of Multi-conference ICETE 2020) on Civil Engineering Trends and Challenges for Sustainability (CTCS-2020)” during 22.12.2020 to 23.12.2020, which has been conducted by NMAM Institute of Technology, NITTE, Karkala Taluk, Udupi District, Karnataka, India.
- Achievement:
- Dr Chandrashekarappa Agasnalli, Assistant Professor, Department of Civil Engineering has Coordinated for IIRS / ISRO outreach activity program as Nodal centre and received the certificates. The program details here below;

- Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System from 17.08.2020 to 20.11.2020.
- Remote Sensing and GIS Applications from 26.10.2020 to 20.11.2020
- In outreach program expert talk has been delivered on various topic by different Scientist from IIRS-ISRO Dehradun. The course content was very relevant for all participants and it's very interesting. The course will be very helpful for all participants for their career point view.

Technical Staff Achievements

1. Anthony Raj, Assistant Instructor, Department of Civil Engineering attended STTP on " Latest Innovations and Technological Advancements in Concrete Technology " from 2.11.2020 to 7.11.2020 at Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoli.
2. Anthony Raj, Assistant Instructor, Department of Civil Engineering attended STTP on " Latest Innovations and Technological Advancements in Concrete Technology " from 23.11.2020 to 28.11.2020 at Department of Civil Engineering, SECT, Kalasalingam Academy of Research and Education, Krishnankoli.
3. Anthony Raj, Assistant Instructor, Department of Civil Engineering attended online Faculty Development programme on " Renewable Energy " from 14.12.2020 to 18.12.2020 at Poornima College of Engineering, Jaipur, Rajasthan.
4. Vinod B R ,Assistant Professor, Department Of Civil Engineering has Participated One week Faculty Development Program on "Recent Advances in Composite Materials For Engineering Applications" Organized by Department of Mechanical & Civil Engineering, BMSCE, in association with F.E.T. M.J.P. Rohilkhand University, Bareilly, during 8.03.2021 to 12.03.2021.