

GREEN UPDATES

NEWSLETTER



2022

Congratulations.....

M. Tech – Env. Engg.

LIKITHA M P - I rank

M. Tech – HSWE

VARSHA G KORI - I rank

B.E. (Batch 2017 – 2021)

MADIHA RIAZ – I rank

NEHA MILAN – II rank

PRANATHI R KUMAR – III rank

NAMAN KUMAR JAIN – IV rank

Articles Published...

- Renukumar K S, **Pushpa Tuppad**, Anjaneyappa, 2021, Enhancing Non-Revenue Water Reduction by Incorporating Service Level Benchmarks and Best Practices, Journal of Indian Water Works Association.
- SEAWEED A SUSTAINABLE SOURCE FOR BIOPLASTIC: A REVIEW, 2021, Shravya S C, Vybhava Lakshmi N, Pooja P, Kishore Kumar C M, **Sadashiva Murthy B M** International Research Journal of Modernization in Engineering, Technology and Science, e-ISSN: 2582-5208
- B P Deepthi, **Pushpa Tuppad** and K S Lokesh. 2021. Estimation of Hydrologic Simulation in Upstream of KRS Reservoir using SWAT Model. IOP Conf. Ser.: Earth and Environmental Science 822: 012031. Online ISSN: 1755-1315, Print ISSN: 1755-1307
- R.Leela, Najamussahar H Mulla, **B.M Krishna, B. Manoj Kumar, B. P Shivakumar.**, 2021, "Application of automated QUAL2Kw for water quality modeling in the Kabini river, Mysuru" International Journal of Scientific Research in Science and Technology.
- Chaitanya B. S. and **Shivakumar B. P.**, 2021, "Identification of groundwater potential zone using Remote sensing and GIS techniques for Mandya Taluk" World Journal of Engineering and Technology.
- **Sadashiva Murthy B M.**, Shravya S C., Vybhava Lakshmi N., Pooja P., and Kishore Kumar C M., (July 2021). Seaweed A Sustainable Source for Bioplastic: A Review, *International Research Journal of Modernization in Engineering Technology and Science*, Vol. 03, Issue: 07, Impact Factor- 5.354, www.irjmets.com
- Mahesha Mahabaleshwara Hegde, Manjunath T Bodke, Anusha , Lakshmi D O, **B P Shivakumar.** "Design of Dewat system for Chikkalli village in Mysore Taluk". *International Research Journal of Modernization in Engineering Technology and Science*, 2021, e-ISSN: 2582-5208
- **Shivakumar B. P.** and Sanjana M. S." Comparative study on waste decomposed using different species of earthworms". *World Journal of Engineering Research and Technology*, 2021, ISSN 2454-695X

Presentations in Conference...

- K.S. Renukumar, **Pushpa Tuppad**, and Anjaneyappa. Economic sustainability of Non-Revenue Water Reduction Program: A Case study in Bengaluru, India. Presented in International e-Conference on Water Source Sustainability, Organized by Indian Water Resources Society & Department of Water Resources Development & Management, to be held on June 18-20, 2021.
- Deepthi B P, **Pushpa Tuppad** and K S Lokesh. Evaluating the Impacts of Landuse/Landcover changes on Hydrologic components of Harangi and Hemavathi Watersheds using SWAT model. Presented in International e-Conference on Water Source Sustainability, Organized by Indian Water Resources Society & Department of Water Resources Development & Management, held on June 18-20, 2021.
- Supritha H. S. **Pushpa Tuppad**. Prediction of flood prone areas downstream of Supa Dam using simulation model and GIS. Presented in the International online e-Conference on Ecosystem Restoration for Resilience and Sustainability: Living with Nature, organized by Indian Institute of Technology, Indore and National Institute of Disaster Management Ministry of Home Affairs, Govt. of India, held from 5th to 7th June 2021.
- Deepthi B. P., **Pushpa Tuppad**, K. S. Lokesh. Estimation of Hydrologic Simulation of upstream of KRS reservoir using SWAT model. International Conference on Contemporary and Sustainable Infrastructure (ICCSI-2021), organized by Dept. of Civil Engineering, S J B Institute of Technology, Bengaluru on 21st and 22nd May 2021.
- **Savitha Ulavi**, Varsha 'Analysis of Regional Air Pollutants Transport to Mysuru City Using HYSPLIT Trajectory Model' e conference on Ecosystem restoration for resilience and sustainability, living with nature organized by IIT Indore in association with NIDM from 5th -7th June 2021.

As Resource Person...

- **Dr. B Manoj Kumar** - Resource Person and delivered technical talk on "Advanced Technologies in Waste Management" on 31st March 2021 in the SWM Expo 2021 – Discover Sustainable Solutions for SWM under Swachh Survekshan 2021 organised by MCC, Mysore.
- **Dr. B Manoj Kumar** - Delivered a talk on "Human Capacity development in Academic research at JSS STU" in webinar to address the theme "Human Capacity Development" for self-reliant India celebrating achievements of the last 75 years through "Azadi Ka Amrit Mahotsav" on 13th October, 2021 organised by KSCST, Bangalore.
- **Dr. Manoj Kumar B** - Technical talk on "Treatment Options for Wastewater Generated from Infrastructure Projects" in FDP on Facets of sustainable growth in infrastructure Development organized by Department of Construction Technology Management, SJCE held between 01.03.2021 to 06.03.2021
- **Dr. B Manoj Kumar** - Resource person on the occasion of World Environment day – Ecological restoration A case study of Rivers for restoration on 5th July 2021 at UBDT College of Engineering, Davanagere.
- **Dr. B Manoj Kumar** - Resource person and delivered online lecture on "Level of Treatment to wastewater based on river water quality predictions using mathematical models" at REVA University on 17th July 2021.
- **Dr. B Manoj Kumar** - Resource person and delivered lecture on "Advanced wastewater treatment for utility of treated wastewater for secondary purposes" in the event organized by ICI (Indian Concrete Institute) and Sahyadri College of Engineering and Management, Mangalore on 18th June 2021.
- **Dr. B Manoj Kumar** - Resource person on the occasion of World Environment day – delivered online lecture on "Ecological restoration (Rivers)" at Guru Nanak Dev Engineering College, Bidar on 10th June 2021.
- **Dr. Pushpa Tuppad** – delivered an invited talk on "Geoinformatics & Environmental Applications" on 15/12/2021 in 21-days Winter School (Level-I) on "Geospatial Science & Technology", online programme, sponsored by DST, New Delhi & hosted by Center for Geoinformatics Technology, Department of Studies in Geography, Manasagangothri Campus, University of Mysore, Mysuru.

Feather in the cap...

Dr.Sadashiva Murthy BM., Member, **Expert Sub-Committee on Circular Economy in Municipal Solid and Liquid waste, Sludge (Recycling and Reuse)**, Constituted by CPHEEO, MoHUD, Government of India, New-Delhi.

Dr..Sadashiva Murthy BM.,Committee Member, **IEI (India), Mysore Local Centre, Mysuru (2018-2021)**

Dr..Sadashiva Murthy BM.,Executive Committee Member, **International Water Association (IWA) India Chapter (2018-2021)**

Dr. Pushpa Tuppad: Review Editor – Pantnagar Journal of Research, G B Pant University of Agriculture and Technology, Pantnagar, Uttarakhand

Dr. Pushpa Tuppad: Member, Board of Studies – Dept. of Environmental Science, Yuvaraja College, Mysuru

Dr. B Manoj Kumar, Member of Karnataka Heritage Conservation Committee, Chamarajanagar – Ramasamudra Urban Development Authority

Dr. B Manoj Kumar, Joint Secretary, Indian Waterworks Association, Mysore centre.

Dr. B. Manoj Kumar, Member, Board of Governors, MLV Textile and Engineering College, Bhilwara, Rajasthan.

Dr.Sadashiva Murthy BM., Associate Member, **American Society of Civil Engineers (ASCE)**

Dr.Sadashiva Murthy BM., Member, **International Water Association (IWA) (M 00838145)**

Dr. Pushpa Tuppad: Life member, Indian Water Resources Society (LM 2021-7901), since June 21st, 2021.

Programs Organized...

Dr. B. Manoj Kumar and Dr. Pushpa Tuppad conducted a 2-day workshop on “Water Conclave – for a better future”, an initiative towards Australia India Water Center, organized by the Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru, held on 15th and 16th March, 2021.

Webinar by Alumni on "EIA Process for Development Projects and Industries" by Mr. Mahadevswamy P, CEO of AM Enviro Engineers, Bangalore.

Webinar by Alumni on Water Treatment by Dr. D. N. Ravi Shankar, Director, Green Lantern Engineering Pvt. Ltd., on 29th June 2021.

Webinar by Alumni on Solid waste Management by Ruchi Darshini, Assistant Environmental Engineer, Hole Narsipura in the month of January 2021.

11.06.2021 - a talk on Industrial effluent treatment by eminent speaker **Mr. Arjun.R,** Managing Director, Paryaavarn Engineers Ltd. at 4:30 pm.

Technical talk on 24.06.21 at 5:30 pm on 'separation of oil and water by membrane filtration', delivered by **Kavya Suresh,** MSc graduate, University of Alberta, Canada

Celebration of Kannada Rajyotsava in the month of November



Topic	Participating Industries/Organizations (Resource persons)	Date/Duration	No. of Participants
2-day Australia India Water Centre workshop on “Water Conclave – for a better future”	23 eminent speakers from academia/organizations from across India and Australia	15 th and 16 th March, 2021	150

SWACHCHTTA CLEANLINESS DRIVE AS A PART OF SWACHCHTTA PAKHWADA

The students pursuing their M.Tech. in Environmental Engineering volunteered and actively participated in the cleanliness drive in and around the department which was conducted on 3rd September 2021 from 11.00 am to 12.00 noon.





They joined hands together to keep the environment clean and green by collecting non-biodegradable waste materials found on the ground and planting the saplings.

They also involved in cleaning the laboratory as well as the department seminar hall

Industrial Visit...

Dr. B M Krishna, Associate Professor accompanied 7th Semester students for an industrial trip to Mangalore from 30.11.2021 to 4.12.2021 and visited the following industries.

NAME OF THE INDUSTRIES	DATE AND TIME OF VISIT
Mangalore Chemicals and Fertilizers Limited	1/12/2021(9:00am to 1:30pm)
KIOCL Limited	1/12/2021(3:00pm to 5:30pm)
Mangalore Refinery and Petrochemicals Limited	2/12/2021
BASF India Limited	3/12/2021(9:00am to 12:30pm)
Udupi Power Corporation Limited	3/12/2021(3:00pm to 5:30pm)

Alumni speaks..

Environmental engineering in SJCE has empowered me to design, manage and renew built and natural environments in order to enhance the health, safety and quality of life. It has been instrumental in providing the student community with valuable educational opportunities, technical and intellectual resources to contribute to a sustainable world.

Shambhavi Arvind Kaushik (BE 2014-2017 batch).

Editorial..

I wish to convey my sincere thanks to all the faculty members for rendering their sincere service and to achieve new milestones and bench marks. I would like to congratulate the students who have excelled in their academics and extracurricular.

***Dr. B. Manoj Kumar.
Professor and Head***