




Name	VIDYA B R	
Designation	AssistantProfessor	
Education Qualification	B.E.(Env), MTech (Env),(PhD)	
Experience	Teaching& Research: 08years	
AreaofInterest	Water Supply and Treatment Engineering, Municipal and Industrial waste Water Engineering, Occupational safety and health, Air Pollution and control, Environmental Protection and Management, and Solid Waste Management.	
Dateof Joining@AIEMS	02.09.2015	
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Professional body membership

S. No.	Organization	Remark
1.	InSc Professional Membership - Institute of Scholars, Accredited by UASL	Lifetime Validity

Membership in Editorial Boards

Sl. No.	Name of Journal/ Newsletter	Year	Position (Chairman/ Member)
1	Futuristic Trends in Chemical, Material Sciences & Nano Technology	2023	Series Editors IIPV3EBS06_G23

List of Paper Publications, Conferences attended and presented:

JOURNAL PUBLISHED

- “Quality assessment of concrete utilizing Harvested rainwater, Stormwater, and Conventional water” has been published in the Journal of Propulsion Technology, ISSN:1001 – 4055, Scopus Q3, volume.45 No.2, 2024.
- “Removal Of Chemical and Biological Pollutants in Waste Water Using Bay Leaves” has been published in the IIP Series Under UGC care, Volume 3, e-ISBN: 978-93-5747-758-1 – 2024.
- “Comparison of Load V/S Deformation of Short Column by Using MATLAB Software “has been published in the IIP Series Under UGC care, Volume 3, e-ISBN: 978-93-5747-479-5 – 2024.
- “Studies on Strength and Durability Properties of low Fines Self Compacting Concrete with Mineral Admixture Replacement” has been published in the GRJ, Jan- 2023.
- “Experimental Investigation of Self-compacting Concrete with Low Fines Supplementary Cementations Materials” has been published in the International Research Journal of Engineering and Technology, volume-7, Issue No.07, Dec- 2022.



- “Experimental Study on Self curing Concrete using Polyethylene Glycol 400 using different quality of water” has been published in the international Research journal of Engineering and technology, volume-7, Issue No.07, July- 2020.
- “Effect of Magnetized Harvested Rain Water on Properties of cement concrete” ” has been published in the International Research journal of Engineering and technology, volume-7, Issue No.07, July- 2020.
- “Seismic Analysis of Building Using E-Tabs” has been published in the International Journal of Engineering Research and Technology, volume-7, Issue No.09, Sep - 2019.
- “Assessment of Rainwater and Storm Water Quality in Bidadi Industrial Area”, has been published in the International Journal of Advance Research in Science and Engineering volume-6, Issue No.09, Sep - 2017.
- “Water Quality Assessment of Vrishabhavathi River, Bidadi. A Case Study”, has been published in the International Journal of Advance Research in Science and Engineering volume-06, Issue 07, July - 2017.
- “Water and Sediment Quality Assessment of Avaragere Lake, Davangere City. A Case Study”, has been published in the International Journal of Innovative Research in Advanced Engineering volume - 3, issue of October - 2016.

Papers presented at the conference

- “Water Quality Assessment of Vrishabhavathi River, Bidadi. A Case Study”, has been published in the 4th International Conference on Emerging Trends in Engineering, Technology, Science and Management Held on 16th July 2017 at IETE, Delhi, India.
- Assessment of Rainwater and Storm Water Quality in Bidadi Industrial Area”, has been published in the 6th international conference on emerging trends in Engineering, Technology, Science and Management Held on 7th Oct 2017 at IETE, Delhi, India.
- National Conference “Biomedical Waste management and Its Sustainability” – 3rd National Conference on Recent Advances in Engineering & Management (NCRAEM-21) 09 th 10 th July, 2021, AIEMS, Bidadi
- National Conference “Sewage Turbines Pico Hydropower opportunities from Treated Sewage Water-Literature review” (NCRAEM-21) 09 th 10th July, 2021, AIEMS, Bidadi
- National Conference “partial replacement of fine aggregate using sludge in concrete-literature review (NCRAEM-21) 09 th 10 th July, 2021, AIEMS, Bidadi
- National Conference “Floating Wind Turbine-Literature Review” (NCRAEM-21) 09 th 10th July, 2021, AIEMS, Bidadi
- National Conference “SOIL NAILING” (NCRAEM-21) 09 th 10th July, 2021, AIEMS, Bidadi.
- NCRAEM - 2019 on the 29th & 30th of March, 2019 Held at AIEMS, Bidadi, Paper Title “Influence and Utilization of Harvested Rain Water and Storm Water on Strength of Concrete”.
- NCRAEM - 2019 on the 29th & 30th of March, 2019 Held at AIEMS, Bidadi, Paper Title “Light Weight Solid Blocks”.
- NCRAEM - 2019 on the 29th & 30th of March, 2019 Held at AIEMS, Bidadi, Paper Title “Shape Memory Alloys”.



- NCRAEM - 2019 on the 29th & 30th of March, 2019 Held at AIEMS, Bidadi, Paper Title “Seismic Analysis of Building Using E - Tabs”.
- NCRAEM - 2018 on the 20th & 21st of April, 2018 Held at AIEMS, Bidadi, Paper Title “Experimental Study on Self-Curing Concrete Using Polythene Glycol 400 Using Different Quality of Water”.
- NCRTEM - 2016 On The 5th May 2016 Held at AIEMS, Bidadi, and Paper Title “Road from Waste Plastic”.

Details of FDP

- Robotics Process Automation 4th to 6th May 2020 Jeppiaar institute of technology - Online FDP.
- Advancement in Applied Chemistry 6th to 8th July 2020 St. Joseph’s College of Engineering - Online FDP.
- Application of Remote Sensing & GIS 19th June 2021 Hindusthan College of Engineering - Online workshop.
- Industry 4.0 – Technological Transformation in Action 12 June 2021 JSS Academy - Online Seminar.
- Biomedical Application 11 June 2021 AIEMS - Online webinar
- Role of Faculty in implementation of NEP 20th Feb 2021 BEC, Bagalkot - Online Seminar
- FDP – 2019 on the 2nd to 4th Jan 2019 held at KSTA, FDP title “Research Methodology and Data Analysis Using Statistical Tools”.
- FDP – 2019 on the 1st to 5th July 2019 held at the Department of Civil Engineering, AIEMS Bidadi, FDP title “Advanced Surveying”.
- One-day workshop – 2019 on the 12th of July 2019 held at CIIRC, Bengaluru, Jyothy Institute of Technology, workshop title “Materials Characterization by SEM and XRD”.
- FDP – 2019 on the 26th of July to 4th of August 2019 held at a day workshop on VTU Human Resource Development Center, FDP title “Research Methodology”.
- NGC - 2019 on the 8th August 2019 Held at AIT, Chikkamagaluru, Paper Title “Study on Properties of Cement Concrete by Utilization of Harvested Rain Water”.
- FDP – 2019 on the 19th to 31st August 2019 held at the Department of Civil Engineering, Ghousia College of Engineering Ramanagaram, AICTE Sponsored. FDP title “Global Climate Change and Air Pollution”.
- FDP – 2018 on the 18th to 20th July 2018 held at the Department of Computer Science Engineering, AIEMS Bidadi, FDP title “Outcome Based Education – Teaching Learning Process”.
- IISc – 2018 on 1st, 2nd, 8th, and 9th of Sep 2018 Held at CPDM, Bangalore, paper Title “REIMAGINEWASTE3 HACKATHON”.
- SEMINAR – 2018 on the 1st Dec 2018 held at Department of Computer Science Engineering, AIEMS, Bidadi, Seminar title “Cellular Network”.
- IISc - 2016 On The 27th Sep 2016 Held at J.N. Tata Auditorium, Bangalore, Paper Title “Climate Change”.
- IISc - 2017 on the 14th Sep 2017 Held at J.N. Tata Auditorium, Bangalore, Paper Title “Climate Change”.
- IGBC - 2017 on the 25th March 2017 Held at Good Shepherd Auditorium, Bangalore, Paper Title “Green Quest”.



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- FDP – 2017 on the 9th to 22nd November 2017 held at the Department of Civil Engineering, Ghousia College of Engineering Ramanagaram, AICTE Sponsored. FDP title “Recent Applications of Nano Materials & Composites”.

Resource person in workshops/orientation program

- Lecture delivered on “Environmental Awareness” at Orientation Program for Engineers at AIEMS, Bidadi, 2021, 2022 and 2023.
- Lecture delivered on “Water Conservation Method” at Internship Program for Engineers at Global Tech Consultancy, Bangalore, 12th Feb. 2024.
- Lecture delivered on “Waste Management System” at Social Connectivity and Responsibility Activities for Engineers at AIEMS, Bidadi, 2023 and 2024.