


PERSONAL DETAILS			
Name	Kavya B M		
Department	Civil Engineering		
Designation	Assistant Professor		
Qualification	B.E, M.Tech (Ph.D.)		
Date of Joining	01.08/2012		
Specialization	Hydraulics		
Nature of Association	Regular		
Teaching Experience	Since 01 Aug 2012		
Email ID	Kavyagowda88@gmail.com		
Vidwan-ID	119755	Scopus ID	57204724236
Orcid ID	0000-0002-8300-4925	Google Scholar ID	
Core Discipline	Hydraulics and Water Resources		
Specialization	Hydraulics and Water Resources		
Areas of Interest	<ul style="list-style-type: none"> • Elements of Civil Engg. & Engineering Mechanics • Fluid Mechanics • Applied Hydraulics & hydraulic Machinery • Hydraulics and Fluid mechanics Lab • Hydraulics Structure and Irrigation Design-Drawing • Hydrology and Irrigation Engineering • Water Resource Management • Railway, Harbour, Tunnel and Airport • Transportation Engineering I & II • Geotechnical Lab • Basic Material Testing Lab • Survey Lab 1 and 2 		
MEMBERSHIP OF PROFESSIONAL BODIES			
Professional Society	From Year	Membership Number/ Nature	
The Institute of Engineers (INDIA)	2016	AM163934-2	
ISTE	2020	Waiting for Membership ID	
PUBLICATIONS			
INTERNATIONAL JOURNALS:			
1. Kavya B.M, Chethan Gowda R K. INTERNATIONAL JOURNAL OF SCIENTIFIC PROGRESS AND RESEARCH (IJSR) on “CONSTRUCTION OF ROAD PAVEMENT USING WASTE PLASTIC” IJSR - Volume 07, Number 02, Page no.87-91			

2. **H.J. Surendra**, Deka P C and Kavya B M (2017), “Improved Framework for modeling Municipal Residential Water Consumption Estimation using Wavelet-Mamdani Fuzzy approach”. International Journal of Advance research in science and engineering, Vol.no 6, Issue .No 8, ISSN(O):2319-8354, ISSN(P): 2319-8346 August 2017 (UGC Approved Journal)

<http://data.conferenceworld.in/IETEAUGUST2017/33.pdf>

3. Kavya B M, Mysooru Yadupathi R Putty, Journal on Earth Science, Ms. No JEES-D-17-00599R1. The Worthiness of using Information on Land Use-Land Cover in Watershed model for Western Ghats- A case study

INTERNATIONAL CONFERENCE:

1. **Kavya B M**, Mahalingegowda H R, Surendra H J, “Development and realization shock and vibration isolation for payloads using Stewart Platform”, in the International Conference (CODE-KT-J17-01) on Research trends in Engineering, Science & Technology-2017 (IRR-RTEST’17) at Thiruvananthapuram, Kerala on 15th July 2017, ISBN:9788193405116.

<http://www.vtpree.com/wp-content/upload/2017/06/proceedingsIER-REST’17.pdf>

2. **Kavya B M**, Jagadeesh, presented “Experimental Study on the behavior of Self-compacting concrete by replacing cement with Granite Sludge,” in the International Conference (CODE-KT-J17-01) on on Research trends in Engineering, Science & Technology-2017 (IRR-RTEST’17) at Thiruvananthapuram, Kerala on 15th July 2017, ISBN:9788193405116.

<http://www.vtpree.com/wp-content/upload/2017/06/proceedingsIER-REST’17.pdf>

3. **H.J. Surendra**, Deka P C and Kavya B M (2017), “Improved Framework for modeling Municipal Residential Water Consumption Estimation using Wavelet-Mamdani Fuzzy approach”. International Conference on Emerging Trends in Engineering, Technology, science and Management (ICETETSM-17), held at Institute of Electronics and Telecommunication Engineers, Ganganagar, Bengaluru, Karnataka, India on 20th August, 2017, ISBN: 978-93-86171-60-3, Received **BEST PAPER AWARD**.

<http://data.conferenceworld.in/IETEAUGUST2017/33.pdf>

4. B. M. Kavya, S. Kishan, M. Arun, H. J. Surendra, and B. K. Narendra

“Estimation of design flood at a reservoir (outlet) by CWC based Hydrometeorological approach” **AIP Conference Proceedings 2204, 020010 (2020);**

<https://doi.org/10.1063/1.5141547>

NATIONAL CONFERENCES:

1. **Kavya B.M**, Surendra H.J, “Rain Water Harvesting Techniques”, **National Conference on NHCE 2013**, MIT Manipal, PP-2013-103

2. Kavya B.M , Meenakshi H R, Giridhar B N, “Peak Flood Estimation”, Technology Innovations for Sustainable Infrastructure (TISI-2015), “National Conference on Technological Innovations for Sustainable Infrastructure” on March 13 and 14 in Calicut
3. Surendra H J. , Kavya B M., Anusha M., Madhushree K J(2017). “Comparative study of Different Probability distribution techniques for Flood Frequency Analysis”. National conference on RECENT ADVANCES IN CIVIL ENGINEERING (RACE) in association with ICI-KBC & ACCE(I), May 3 rd and 4 th 2017, SJCIT Bengaluru, received SECOND BEST PAPER AWARD .
4. Kavya B M , Surendra H J, Ganesh Kumar S b, Hema H C (2020). “Water Resource Management at Microshed Water Level Using GIS Tool”. National conference on Advancement & Modern Innovations in Engineering and Technology AMIET 2020, 15 th Sept 2020, RECEIVED BEST PAPER AWARD

GUEST LECTURES DELIVERED

Invited College Name	Title of the topic	Date

WORKSHOPS/SEMINARS/FDPs/ PARTICIPATED: 21

1. Participated in Two Days National Workshop on “Disaster Management in India” organized by Dept of Civil Engineering, ON 6 th & 7 th November-2012, REVA ITM, Bangalore
2. Attended One day Faculty Development Program, organized by Department of Civil Engineering Vidya Vikas Institute of Technology, Mysore “Hydraulic Structure and Irrigation Design-Drawing” on 30 th March 2013
3. Participated in the Workshop on “Water Supply systems in Fast Growing Cities, Technology, Management and Policies “Organized by Dept of Civil Engineering on 17 th February-2014, NIE, Mysore

SUMMARY OF BOOKS/ MONOGRAMS PUBLISHED

Title of the Book	Year of Publication	Publisher

ONLINE COURSES

Course Title	Course Organization	Year

AWARDS, COMMENDATIONS RECEIVED

Nature	Year	Awarding Organization
Academics and Co-curricular activities of the Institution	2018-19	BGS Institute of Technology

PATENTS**GRANTS RECEIVED FOR MAJOR AND MINOR PROJECTS**

Title of the project	Sanctioned Year	Agency	Amount
Design of Submerged Floating Tunnels	2018-19	KSCST	5500
Reduce the usage of Water in Furrow irrigation and Excess Water from field is used for artificial Ground Water Recharge	2018-19	KSCST	5000