


PERSONAL DETAILS			
<b>Name</b>	Dr. T Mahadevaiah		
<b>Department</b>	Civil Engineering		
<b>Designation</b>	Professor and HOD		
<b>Qualification</b>	M Tech, PhD		
<b>Date of Joining</b>	16.01.2013		
<b>Specialization</b>	Remote sensing and GIS		
<b>Nature of Association</b>	Regular		
<b>Teaching Experience</b>	33 Years		
<b>Email ID</b>	mahadevaiaht@gmail.com		
<b>Vidwan-ID</b>	119770	<b>Scopus ID</b>	56209229300
<b>Orcid ID</b>	0000-0002-5371-0095	<b>Google Scholar ID</b>	wC9hsncAAAAJ
<b>Core Discipline</b>	Civil Engineering		
<b>Areas of Interest</b>	<ul style="list-style-type: none"> <li>• Remote sensing and GIS</li> <li>• Watershed Management</li> </ul>		
MEMBERSHIP OF PROFESSIONAL BODIES			
<b>Professional Society</b>	<b>From Year</b>	<b>Membership Number/ Nature</b>	
ISTE	1990	LM-4808	
ISCA	2019	L-38391	
FIE	2018	F-120874-4	
PUBLICATIONS			
<b>NATIONAL JOURNALS: 02</b>			
1. 'Prioritizing sub watersheds from drainage morphometric parameters for erosion studies in Chitravathi Watershed, Kolar District, Karnataka '. Journal of Nature Environment and Pollution Technology. Vol 13, No.2, pp297-302.			
2. 'Water Quality Index Map of Chitravathi Watershed, Kolar District, Karnataka'. Journal of Nature Environment and Pollution Technology .Vol 5, No.4, pp 639-644.			
<b>INTERNATIONAL JOURNALS: 06</b>			
1. 'Flexural behavior of Reinforced fly ash concrete in comparison to Reinforced normal concrete beams in terms of Ductility index' , International Journal of Engineering and Advanced Technology, ISSN:2249-8958, Vol 4, Issue 2, pp 41-44.			
2. 'Flexural behavior of Reinforced fly ash concrete in comparison to Reinforced normal concrete beams in terms of Load Deflection' , International Journal of Engineering and Advanced Technology, ISSN:2249-8958, Vol 4, Issue 2, pp 45-51.			

3. 'Flexural behavior of Reinforced fly ash concrete in comparison to Reinforced normal concrete beams in terms of Moment Curvature relation', International Journal of Engineering and Advanced Technology, ISSN:2249-8958, Vol 4, Issue 2, pp 52-54.
4. 'Flexural behavior of Reinforced fly ash concrete in comparison to Reinforced normal concrete beams in terms of Cracking load and Ultimate load carrying load capacity', International Journal of Engineering and Advanced Technology, ISSN:2249-8958, Vol 4, Issue 2, pp 37-40.
5. "Analysis of silo and comparing silo with different end condition", AIP Conference Proceedings 2204, Volume 2, Issue 1, January 2020, <a href="https://doi.org/10.1063/1.5141543">https://doi.org/10.1063/1.5141543</a> .
6. "A Literature review on internal curing of concrete", IJEAS&T, Vol 4, Issue 3, July 2019, pp 182-185.

**NATIONAL CONFERENCES: 06**

1. 'Remote sensing and GIS study on the impact of Groundwater on landuse/landcover changes of Chitravathi watershed'. Proc. GEOMATICS – 2006: National conference on Geomatics for infrastructure development, Chennai, India.
2. 'Spatial distribution and characterization of building materials of Chitravathi watershed'. Proc. GEOMATICS – 2006: National conference on Geomatics for infrastructure development, Chennai, India.
3. 'Digital classification of satellite imagery for landuse landcover mapping of Chickballapur taluk, Kolar district'. Proc. Of National symposium on 'Natural resources management on sustainable development', Bangalore, India.
4. Analysis of Ground Water Quality In Devalapura, Nagamangala Tq, Mandya, Karnataka, SASC-2018.
5. "Physicochemical Properties of Rural Wastewater and its Treatment Technology", SASC-2018.
6. "Pilot-scale study on Horizontal Subsurface flow Constructed Wetland operated under different Organic Loading Rates for rural wastewater treatment", 51st Annual Convention of IWWA on Water Sector Infrastructure: Evaluation and Development, January 2019.

**GUEST LECTURES DELIVERED**

Invited College Name	Title of the topic	Date
Sri Venkateshwara College of Engineering	Development programme on Advanced Surveying	Jan 23 <sup>rd</sup> – 27 <sup>th</sup> 2017
Divecha Centre for Climate Change, IISc, Bangaluru	Impact of burning agricultural wastes on air pollution	04.06.2019

**WORKSHOPS/SEMINARS/FDPs/ PARTICIPATED: 11**

1. National Seminar on Technical Education at crossroads, 19 <sup>th</sup> December 1998, MSRIT, Bangalore.
2. National Symposium on Remote Sensing Application for Natural Resources, Retrospective and Perspective, organized by ISRS, 19 <sup>th</sup> to 21 <sup>st</sup> January 1999, Bangalore.
3. Workshop on efficiency of irrigation Systems in Karnataka, 11 <sup>th</sup> to 13 <sup>th</sup> April 2000, NIE, Mysore.
4. Training course on Hydrology of small watersheds, 8 <sup>th</sup> to 28 <sup>th</sup> , March 2001, CWRDM, Kozhikode.
5. Attended UNESCO Regional training program on "Recent Advances in Earth Observation for Geo Resources Management, from 19 <sup>th</sup> to 25 <sup>th</sup> November 2003 conducted by Department of Geology, Anna University, Chennai.

6. National Seminar on Interlinking of Rivers, 30 <sup>th</sup> April and 1 <sup>st</sup> May 2003, BIT, Bangalore.
7. Attended the AICTE-ISTE, STTP on “Modern Surveying & Computer Applications” by NITTTR, Chennai from 6 <sup>th</sup> to 17 <sup>th</sup> , September 2004.
8. Attended soft skills program held during the 8 <sup>th</sup> to 10 <sup>th</sup> September 2006 at SJCIT, Chickballapur.
9. Attended the workshop on IS800-2007 Indian Standard General Construction in steel code of practice – III revision, organized by Institute for steel development & growth (INSDAG) Kolkata and Bureau of India Standards organized at Chennai on 27 <sup>th</sup> & 28 <sup>th</sup> August 2008.
10. Attended the National seminar on “Recent developments in Design and Construction Technologies – REDCON 2008” on 7 <sup>th</sup> to 9 <sup>th</sup> August 2008, at the convention centre, NIMHANS Campus, Bangalore – 560 029, organized by Association of Consulting Civil Engineers(India) Bangalore Centre.
11. Attended one day workshop on “National Program on Technology Enhanced Learning” organized by SJCIT, Chickballapur on 18.03.2016

#### SUMMARY OF BOOKS/ MONOGRAMS PUBLISHED

Title of the Book	Year of Publication	Publisher

#### ONLINE COURSES

Course Title	Course Organization	Year
NBA Accreditation Teaching Learning in Engineering	NPTEL	2020

#### AWARDS, COMMENDATIONS RECEIVED

Nature	Year	Awarding Organization

#### PATENTS

Sl. No.	Applicant Name	Application No.	Date of filling	Title of Invention
1	Dr. B K Narendra Dr, T Mahadevaiah	16550288	26.08.2019	Shock and vibration isolation system for payloads using Stewart platform
2	Dr. B K Narendra Dr, T Mahadevaiah	201941042125	17.10.2019	Eco-friendly geopolymer concrete added with fibre an a method of preparation for the same
3	Dr. B K Narendra Dr, T Mahadevaiah	201941051093	10.12.2019	Method for Rain runoff analysis to estimate a land cover

4	Dr. B K Narendra Dr, T Mahadevaiah	201941053042	20.12.2019	Submerged tunnel for transportation	
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**GRANTS RECEIVED FOR MAJOR AND MINOR PROJECTS**

<b>Title of the project</b>	<b>Sanctioned Year</b>	<b>Agency</b>	<b>Amount</b>
Modernization of Survey lab	2004-05	AICTE	Rs. 5.0 lakhs
'Advanced laboratory for drinking water quality testing of Nagamangala and surroundings'	2015-16	VGST under CISEE scheme	Rs. 30.0 lakhs