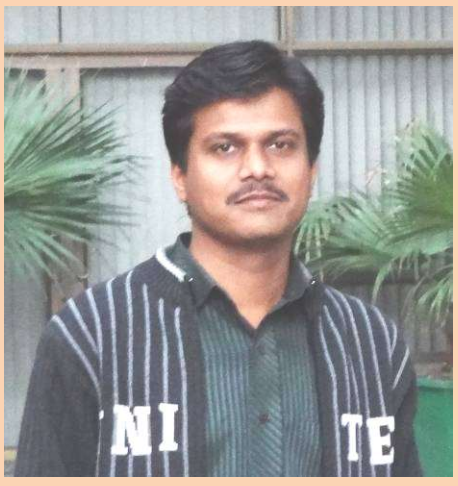
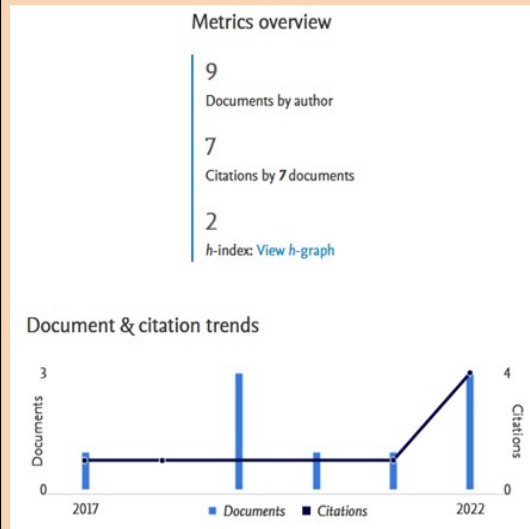


Name of the Faculty	Chandrashekarayya G. Hiremath			
Faculty-ID	4018			
Gender	Male			
Date of Joining	16 th Dec 2013			
Appointment Type	Permanent			
Institute Name	Department of Civil Engineering, Visvesvaraya Technological University, Belagavi, Karnataka			
Contact	0831- 2498195			
Designation	Assistant Professor			
Qualification	Degree	Specialization	University/ Board	Year of award
	UG	B.E – Civil Engg.	Visvesvaraya Technological University, Karnataka	2006
	PG	M.Tech-Water Resources Engg. & Management	IIT, Guwahati	2009
	Ph.D.	Water Resources Engg.	NIT, Surathkal	Pursuing
Experience	Type	Description / Period		
	Teaching	<ul style="list-style-type: none"> Assistant Professor, Civil Engg. Dept., B. V. Bhoomaraddi College of Engg. & Technology, Hubballi, Karnataka (From Aug 2012 to Dec 2013). 		

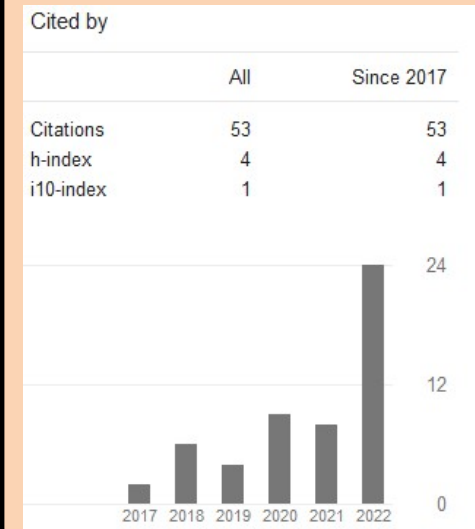
		<ul style="list-style-type: none"> Assistant Professor, Civil Engg. Dept., Center for PG Studies, VTU, Belagavi (From Dec 2013 till date).
	Industry	<ul style="list-style-type: none"> Project Quantity Surveyor, in Sobha Developers, Bengaluru (From July 2006 to June 2007). Research Associate, Water Resources Division, TERI, New Delhi (July 2009 to Feb 2012)
	Total	~ 14 years
Research Profile	Research Area	
	Water Resources Engineering, Watershed Management, Hydrological Modeling and EIA	
	Projects/Thesis (UG & PG)	
	Guided	On-going
	30	2
	No. of Conferences/Seminar/ Workshops etc. conducted	
	Conferences:01 Seminars:03 Workshops:04	
	Professional Memberships	
	Member, CIPSEM, TU, Dresden, Germany	
	Publications	
	In Journals	National
	--	14
In Conferences/ Seminar	5	4
Books Chapter	1	--

Publications Index

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**Admin/
Academic
Responsibility**

- Supervision of House Keeping Works at VTU, Belagavi (May 2017 to July 2018)
- Coordinated 12b Approval process of the University from Jan to July 2017.
- Special Officer, Exam Section, VTU, Belagavi (Aug 2018 till July 2022)
- Coordinated AICTE Approval Process of Center for PG Studies, VTU Belagavi for year 2018, 2019, 2020.
- Coordinator, IQAC, VTU, Belagavi (July to Dec 2022).
- I/C Director IQAC, VTU Belagavi during Aug-Nov 2022.
- Member of BOE, Civil Engineering Board, VTU for the year 2022-23.

Awards

- “Best Paper Presentation Award”, International Conference on Civil Engineering Trends and Challenges for Sustainability (CTCS-2020), NMAM IT, Udupi, India
- “Pat on the Back Award” for outstanding performance in the consultancy/project work, TERI, New Delhi.

PUBLICATIONS**Journal Publication**

1. Swamy M.A., Hiremath, C. G. and Venkatesh B. (2022). Evaluating the Impacts of Climate Change on Thunga River Basin Karnataka. SSRG International Journal of Agriculture and Environmental Science Volume 8 Issue 5, 1-8.
2. Mutagi, S., Yadav, A., Hiremath, C.G. (2022). Shoreline Change Model: A Review. In: Nandagiri, L., Narasimhan, M.C., Marathe, S., Dinesh, S. (eds) Sustainability Trends and Challenges in Civil Engineering. Lecture Notes in Civil Engineering, vol -162. Springer, Singapore.
3. Hiremath, C.G., Nandagiri, L. (2022). Regionalization of Flow Duration Curves for West Flowing Rivers of India. In: Nandagiri, L., Narasimhan, M.C., Marathe, S., Dinesh, S. (eds) Sustainability Trends and Challenges in Civil Engineering. Lecture Notes in Civil Engineering, vol 162. Springer, Singapore.
4. Mutagi, S., Yadav, A., Hiremath, C.G. (2022). Shoreline Change Monitoring of Karwar Coast of Karnataka, India, Using Sentinel-2 Satellite. In: Nandagiri, L., Narasimhan, M.C., Marathe, S., Dinesh, S. (eds) Sustainability Trends and Challenges in Civil Engineering. Lecture Notes in Civil Engineering, vol 162. Springer, Singapore.
5. Bharath, A., Shivapur, A.V., Hiremath, C.G. (2021). Dam Break Flood Routing and Inundation Mapping Using HEC-RAS and HEC-GeoRAS. In: Jha, R., Singh, V.P., Singh, V., Roy, L., Thendiyath, R. (eds) Water Resources Management and Reservoir Operation. Water Science and Technology Library, vol 107. Springer, Cham.
6. Bharath, A., Shivapur, A.V., Hiremath, C.G., Maddamsetty, R. (2021). Dam break analysis using HEC-RAS and HEC-GeoRAS: A case study of Hidkal dam, Karnataka state, India. Environmental Challenges, 5 (2021), 100401.
7. Ranjith, S, Shivapur, A V, Kumar, P S; Hiremath C G., Dhungana, S. (2020). Water Quality Assessment of River Tungabhadra, India. Nature Environment and Pollution Technology; Karad, 19 (5): 1957-1963.
8. Ranjith, S, Shivapur, A V, Kumar, P S; Hiremath C G., Dhungana, S.. (2019). Utilization of Water Quality Modeling and Dissolved Oxygen Control in River Tungabhadra, Karnataka (India). Open Access Library Journal, 6(5).
9. Ranjith, S, Shivapur, A V, Kumar, P S; Hiremath C G. (2019). Assessment of reaeration equations for river tungabhadra, karnataka, India and generation of the refined equation. Journal of Geography, Environment and Earth Science International, 21(4), 1-9.
10. Ranjith, S., Shivapur, A. V., Kumar, P. S. K., Hiremath, C. G., & Dhungana, S. (2019). Water Quality Evaluation in Term of WQI River Tungabhadra, Karnataka, India. International Journal of Innovative Technology and Exploring Engineering 8(9S2), 247-253.
11. Ranjith, S., Shivapur, A. V., Kumar, P. S. K., Hiremath, C. G., & Dhungana, S. (2019). Evaluation On Suitability Of Available Reaeration Equations For River Tungabhadra,

- Karnataka, India And Derivation Of Refined Equation For The Same. International Journal of Scientific & Technology Research, 8(9), 1683-1688.
12. Vadde S G., Shreedhar R., Hiremath C G. (2017). Linear programming approach for optimal land and water resource allocation under different hydrological scenarios. International Journal of Civil Engineering & Technology, 8(10), 1500-1512.
 13. Shreedhar, R., Hiremath, C.G., and Shetty, G. G. (2015). Optimization of Cropping Pattern using Linear Programming Model for Markandeya Command Area. International Journal of Scientific & Engineering Research. 6(9), 1311-1326.
 14. Vadde S G., Shreedhar R., Hiremath C G. (2017). Cropwater requirement for different hydrological scenarios using Cropwat. i-Manager's Journal on Civil Engineering 7 (4), 27.

Conference Publications

1. Hiremath C G. (2019). Android App as a Learning Tool in Engineering, ISTE Convention, March 2019, VTU, Belagavi, Karnataka.
2. Komalakshi B., Hiremath C G., (2017). Storm Water Management Using SWMM: A Case Study on Indraprastha Area Belagavi. Sustainable Water and Environmental Management (SWEM - 2017). JNTU Hyderabad, Dec 2017. ISBN: 9789386819949.
3. Basavaraj D. B, Hiremath C G., Davithuraj J., Purandara B K. (2016). Identification of Groundwater Potential Zones using ARC GIS 10.1, International Conference On Mechanical, Civil, Electronics, Communication And Computer Science Engineering, April 23, Bangalore Technological Institute, Bengaluru.
4. Benakannavar C M., Hiremath C G., Subbarao V V. (2016). Rainfall-Runoff Modelling Using HEC-HMS for Ungauged Stations in Hasur Watershed, Karnataka, India. Global Civil Engineering Challenges in Sustainable Development and Climate Change - (ICGCSC-17)" Proceedings Volume of International Conference, Mangalore Institute of Technology & Engineering, Moodabidri – 574225, Mangalore, Karnataka, India. ISBN 978-93-5267-355-1.
5. Vinay, T.M., Hiremath, C.G. (2016). Water quality modelling of River Tungabhadra near Harihar using QUAL2KW model. Proceedings in National conference on Recent Advances in Civil Engineering, Rajarajeshwari College of Engineering, Bengaluru, 30th May 2016.
6. Madhusudhan M.S, Shivapur A V., Patil N S., Hiremath C G. (2016). Flood Plain Mapping for a selected stretch on Bennihalla river by Integrating HEC-RAS with SWAT. Proceedings of National Level Conference "VRUDDHI" held in VVIET, Mysore on 25th April 2016.
7. Ranjith, S., Hiremath, C. G., Shivapur, A. V. and Kumar S. (2015). Water Quality Assessment through QUAL2KW model in River Ghataprabha. Proceedings of UGC sponsored National Seminar on "Recent trends in Environmental Waste Management" held in KLE Society's Gudleppa Hallikeri College Haveri on 15th & 16th October 2015. ISBN: 978-81-930850-5-9.
8. Patil N S., Dhungana S, Vijaykumar H., Hiremath C G. (2014). Sustainable management of Groundwater in the Bhima River Sub-Basin under Climate Change Scenarios, International Conference on Modeling Tools for Sustainable Water Resources Management, Dec 28 - 29, IIT Hyderabad.

9. Hiremath C G., Karmakar T., Dutta S. (2009). Risk Analysis of river bank protection structures in a large river bend, Conference Proceeding on computer aided modeling and simulation in computational mechanics (CAMSCM-2009). March 13-14, NERIST, Arunachal Pradesh.

Book Chapter

- i. Hiremath C. G., Anshuman., 2011. ICT as a tool for game changer: Water. Sustainable tomorrow: Harnessing ICT Potential, Book Published by TERI Press, New Delhi.