




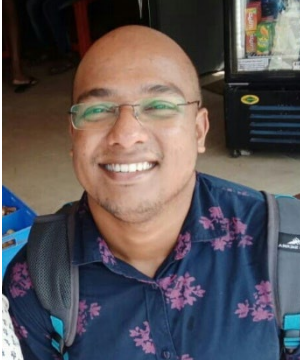


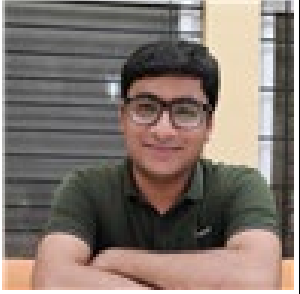




## Current Students


### PhD (Regular) students

1	<p>Ms. Jaya Bhatt (July 2018 onwards)</p> <p><b>Research topic:</b> <i>Estimation of probable maximum precipitation for hydrologic risk assessment in climate change scenario</i></p> <p><i>(joined for Ph.D. after receiving M.Tech degree from IIT Roorkee in Hydraulics Engg.)</i></p> <p>E-mail: <a href="mailto:jayabhatt@iisc.ac.in">jayabhatt@iisc.ac.in</a></p>	
2	<p>Mr. Anubhav Goel (July 2018 onwards)</p> <p><b>Research topic:</b> <i>Climate change impact on dam safety under hydrologic scenarios</i></p> <p><i>(joined for Ph.D. after receiving M.Tech degree from G B Pant University in Hydraulics Engg.)</i></p> <p>E-mail: <a href="mailto:anubhavgoel@iisc.ac.in">anubhavgoel@iisc.ac.in</a></p>	
3	<p>Ms. Jyotsna Pandey (July 2018 onwards)</p> <p><b>Research topic:</b> <i>Performance analysis of water distribution networks</i></p> <p><i>(joined for Ph.D. after receiving M.Tech degree from IIT Roorkee)</i></p> <p>E-mail: <a href="mailto:jyotsnap@iisc.ac.in">jyotsnap@iisc.ac.in</a></p>	
4	<p>Mr. Pradeep S (July 2018 onwards, through Divecha Centre for Climate Change, IISc) (Joint Supervision with Prof. S. K. Satheesh &amp; Dr. Anil Kulkarni, Divecha Centre, IISc)</p> <p><b>Research topic:</b> <i>Glacial hydrology</i></p> <p><i>(joined for Ph.D. after receiving M.Tech degree in Remote sensing from Anna University)</i></p> <p>E-mail: <a href="mailto:spradeep@iisc.ac.in">spradeep@iisc.ac.in</a></p>	
5	<p>Mr. B. L. V. Prasad (July 2019 onwards)</p> <p><i>Received Prime Minister's Fellowship for Doctoral Research</i></p> <p><b>Research topic:</b> <i>Integrated assessment of watershed performance in river basins</i></p> <p><i>(joined for Ph.D. after receiving M.Tech degree from IIT Bombay)</i></p> <p>E-mail: <a href="mailto:blvprasad@iisc.ac.in">blvprasad@iisc.ac.in</a></p>	



6	<p>Mr. Abhijith Sathya (October 2020 onwards)  <i>Receiving Prime Minister's Fellowship for Doctoral Research</i></p> <p><b>Research topic:</b> <i>Modelling and prediction of sediment in river basins</i></p> <p>(joined for Ph.D. after receiving M.Tech degree from NIT Calicut)</p> <p>E-mail: <a href="mailto:abhijiths@iisc.ac.in">abhijiths@iisc.ac.in</a></p>	
7	<p>Mr. Diljit Dutta (October 2020 onwards)  <i>Receiving Prime Minister's Fellowship for Doctoral Research</i>          (Being guided at Interdisciplinary Centre for Water Research (ICWaR) of IISc in Joint Supervision with Prof. Govindasamy Bala)</p> <p><b>Research topic:</b> <i>Climate change impact on flood risk in coastal regions</i></p> <p>(joined for Ph.D. after receiving M.Tech degree from IIT Guwahati)</p> <p>E-mail: <a href="mailto:diljitdutta@iisc.ac.in">diljitdutta@iisc.ac.in</a></p>	
8	<p>Mr. Anju (October 2020 onwards)  <i>Receiving Prime Minister's Fellowship for Doctoral Research</i>          (worked with Prof. P P Mujumdar, IISc, during October 2020-March 2024; and with Prof. V V Srinivas since May 2023)</p> <p><b>Research topic:</b> <i>Detection and attribution of trends in riverine floods in climate change scenarios</i></p> <p>(joined for Ph.D. after receiving M.Tech degree from SVNIT, Surat)</p> <p>E-mail: <a href="mailto:anjukv@iisc.ac.in">anjukv@iisc.ac.in</a></p>	
9	<p>Mr. Abhay Varshney (August 2021 onwards)          (working with Prof. V V Srinivas since August 2022)</p> <p><b>Research topic:</b> <i>Modelling hydrometeorological extremes in nonstationary scenarios</i></p> <p>(joined for Ph.D. after receiving M.Tech degree from IIT Ropar)</p> <p>E-mail: <a href="mailto:abhayv@iisc.ac.in">abhayv@iisc.ac.in</a></p>	
10	<p>Mr. Akshay Ranjith (August 2023 onwards)</p> <p><b>Research topic:</b> <i>Destabilization of Turbulence in Pipe Networks</i></p> <p>(joined for Ph.D. after receiving M.Tech degree from IISc Bangalore)</p> <p>E-mail: <a href="mailto:rakshay@iisc.ac.in">rakshay@iisc.ac.in</a></p>	

11	<p>Mr. Aakash Mohan (August 2023 onwards)</p> <p><b>Research topic:</b> <i>Remote sensing applications for flood risk assessment in river basins</i></p> <p><i>(joined for Ph.D. from ISRO, Hyderabad, after receiving B.Tech degree from Indian Institute of Space Science and Technology)</i></p> <p>E-mail: <a href="mailto:aakashmohan@iisc.ac.in">aakashmohan@iisc.ac.in</a></p>	
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### **M.Tech students (doing project)**

1	<p>Ms. Manasa R Kulkarni (August 2022 –June 2024)</p> <p><b>Research topic:</b> <i>Hydrologic drought analysis of the upper Cauvery basin</i></p> <p><i>(Sponsored for M.Tech course in Water Resources Engineering by the Water Resources Department, Government of Karnataka where she is currently working as an Assistant Engineer]</i></p> <p>E-mail: <a href="mailto:manasagouri.kulkarni@gmail.com">manasagouri.kulkarni@gmail.com</a></p>	
2	<p>Ms. Pranita Prafulla Gotmare (August 2022 –June 2024)</p> <p><b>B.E. (Civil Engineering), Government College of Engineering, Amravati University, 2007</b></p> <p><b>Research topic:</b> <i>Dam-break flood risk analysis for cascade dam systems in Wardha subbasin</i></p> <p><i>[Sponsored for M.Tech course in Dam Engineering by the Central Water Commission (under DRIP), India, from Water Resources Department (WRD), Government of Maharashtra where she is currently working as an Assistant Engineer]</i></p> <p>E-mail: <a href="mailto:manasagouri.kulkarni@gmail.com">manasagouri.kulkarni@gmail.com</a></p>	




## Students working on PhD thesis externally

1	<p>Mr. Alok Pandey</p> <p><b>Research topic:</b> <i>Forecasting streamflows in river basins</i></p> <p>[joined for 'direct Ph.D.' after receiving Bachelor's degree (B. Tech.) in Civil Engineering from NIT, Rourkela (Odissa) ]</p> <p>Currently Assistant Professor at BMS College of Engineering, Bangalore</p>	
2	<p>Ms. Nruthya K</p> <p><b>Research topic:</b> <i>Prediction of flow duration curves in ungauged basins</i></p> <p>[joined for Ph.D. after receiving M. Tech. degree from NIT Surathkal]</p> <p>Currently Assistant Professor in M.S. Ramaiah Institute of Technology (MSRIT), Bangalore</p>	



## Details of past students who were awarded Ph.D.

1	<p>Dr. Aavudai Anandhi Swamy (January 2003- December 2007) (Joint Supervision with Prof. D. Nagesh Kumar)</p> <p><a href="#">B.E. (1992): Tamil Nadu Agricultural University</a>  <a href="#">M.E. (1995): Anna University, Chennai</a></p> <p><i>Thesis title: Impact assessment of climate change on hydrometeorology of Indian river basin for IPCC SRES scenarios</i></p> <p><i>Currently Associate professor of Biological Systems Engineering at Florida A&amp;M University, USA</i></p>	
2	<p>Dr. Satyanarayana Patnaikuni (August 2005- February 2009)</p> <p><a href="#">B.Tech (2000): JNTU, Andhra Pradesh</a>  <a href="#">M.Tech (2005): IIT Kanpur</a></p> <p><i>Thesis title: Regional frequency analysis of hydrometeorological events – an approach based on climate information</i></p> <p><i>Currently Senior Risk Analyst, Cat (Flood) Modeler at SCOR Reinsurance Asia-Pacific Pte Ltd, France</i></p>	
3	<p>Dr. Santhosh Dronamraju (June 2008- June 2013)</p> <p><a href="#">B.Tech (2005): JNTU, Andhra Pradesh</a>  <a href="#">M.Sc (Engg.) (2008): IISc Bangalore</a></p> <p><i>Thesis title: Frequency analysis of floods - A nonparametric approach</i></p> <p><i>Currently Senior Risk Analyst, Nat Cat Specialist, Swiss Re, Bangalore</i></p>	
4	<p>Dr. R. Bharath (September 2009- September 2014)</p> <p><a href="#">B.E. (2006): Bangalore University</a>  <a href="#">M.E. (2009): Bangalore University</a>            Post-doctoral Research Fellow, Univ. of Saskatchewan, Canada (2016-2018)</p> <p><i>Thesis title: Regionalization of hydrometeorological variables in India using cluster analysis</i></p> <p><i>Currently Sr. Consultant - Flood Modelling at Aon Benfield, Bangalore</i></p>	
5	<p>Dr. Bidroha Basu (August 2012- February 2015)</p> <p><a href="#">M.S. (2011): University of Minnesota, USA</a>  <a href="#">M.E (2008): IISc Bangalore</a>  <a href="#">B.E. (2006): Jadavpur University, Kolkata</a></p> <p><i>(Awarded Professor N S Govinda Rao medal for the year 2015- 2016 for best PhD theses submitted in Department of Civil Engineering during the academic year 2015-2016) (out of 24 PhD theses).</i></p> <p><i>Thesis title: A new mathematical framework for regional frequency analysis of floods</i></p> <p><i>Currently Assistant Lecturer, Munster Technological University &amp; Adjunct Assistant Professor at Trinity college, Dublin, Ireland</i></p>	


6	<p>Dr. Chavan Sagar Rohidas (August 2010- July 2015)</p> <p><b>B. E. (2010): University of Pune</b>  <i>[joined for 'direct Ph.D.' after receiving Bachelor's degree (B. E.) in Civil Engineering]</i></p> <p><b>Thesis title:</b> <i>Design flood estimation at ungauged locations using geo-morphological characteristics</i></p> <p><i>Currently Assistant Professor, Department of Civil Engineering, IIT Ropar, Punjab, India</i></p>	
7	<p>Dr. Gouri R Laxmeswar (August 2010- July 2015)</p> <p><b>B.E. (2007): Bangalore University</b>  <b>M.E. (2009): Bangalore University</b></p> <p><b>Thesis title:</b> <i>A fuzzy approach to reliability based design of urban storm water drain network considering changes in land use/land cover and climate</i></p> <p><i>Currently Drainage Design Engineer, WSP in India</i></p>	
8	<p>Dr. Yogendra (August 2010 – July 2016)</p> <p><b>B.E. (1989): University of Mysore</b>  <b>M.Sc. Engineering (1999): University of Mysore</b></p> <p><i>(Received Ph.D. under quality improvement program (QIP) from Malnad College of Engineering, Hassan, Karnataka, where he is currently working as Associate Professor)</i></p> <p><b>Thesis title:</b> <i>Modelling hydrology of upper Cauvery basin considering changes in climate and land-use/land-cover</i></p>	
9	<p>Dr. Kiran K G (August 2015 – June 2021)</p> <p><b>B.E. (2008): B.M.S. College of Engineering, Bangalore</b>  <b>VTU Belgaum, Karnataka</b>  <b>M.Tech (2012): IISc Bangalore</b></p> <p><b>Thesis title:</b> <i>New approaches to at-site and regional frequency analysis of hydrologic extremes in peaks over threshold framework</i></p> <p><i>Currently Risk Analyst at Aon Benfield, Bangalore</i></p>	
10	<p>Mr. Swapan Kumar Masanta (July 2016 – May 2022)</p> <p><b>B.Tech. (2014): Bhilai Chandra Krishi Viswa Vidyalaya, India</b>  <b>M.Tech (2016): IISc Bangalore</b></p> <p><b>Thesis title:</b> <i>Approaches to regional analysis of hydro-meteorological processes and extremes</i></p> <p><i>Currently Consultant for Catastrophe and Exposure Management at Xceedance, Bangalore</i></p>	

11	<p>Dr. Sreeparvathy Vijay (July 2017 - August 2022)</p> <p><b>B.Tech. (2014): Cochin University of Science and Technology, Kerala</b>  <b>M.Tech (2017): IIT Hyderabad</b></p> <p><b>Thesis title:</b> <i>Assessment and monitoring of hydrometeorological variables and extreme conditions for present and future climate change scenarios</i></p> <p><i>Currently Assistant Professor in the Department of Civil Engineering, IIT Madras</i></p>	
12	<p>Dr. Tresa Mary Thomas (July 2017 – September 2022))</p> <p><i>Received Prime Minister's Fellowship for Doctoral Research</i></p> <p><b>B.Tech. (2014): NIT Calicut, Kerala</b>  <b>M.Tech (2017): IIT Roorkee</b></p> <p><b>Thesis title:</b> <i>An investigation of the characteristics of monsoon low pressure systems in the present climate and their sensitivity to topography and climate change</i></p> <p>(Guided at Interdisciplinary Centre for Water Research (ICWaR) of IISc in Joint Supervision with Prof. Govindasamy Bala)</p> <p><i>Currently Postdoctoral Researcher, Department of Global Ecology, Carnegie Institution for Science, Stanford, CA 94305, USA</i></p>	
13	<p>Mr. Sheetal Kumar K R (2022)</p> <p>(Transferred from Prof. M. S. Mohan Kumar after his superannuation in July 2020 to work with me during August 2020-July 2022; Joint Supervision with Prof. Bharadwaj Amrutur, Department of Electrical Communication Engineering, IISc)</p> <p><i>Currently with Hitachi</i></p>	


### Details of student who was awarded MSc (Engg) degree

1	<p>Dr. Santhosh Dronamraju (Jan 2006 - June 2008)</p> <p><b>B.Tech (2005): JNTU, Andhra Pradesh</b></p> <p>(Continued for PhD at IISc after receiving MSc (Engg) degree)</p>	
2	<p>Dr. Deep Sengupta (2006-2014)</p> <p>(Jointly with Chairman, MRC; worked with Prof. V V Srinivas during 2013-2014)</p> <p>(Currently Senior Research Engineer at Picarro, Inc. San Francisco Bay area after receiving Ph.D. from the University of Nevada Reno &amp; Postdoctoral research at the University of California, Berkeley)</p>	

### Details of student who was awarded M.Tech (Research) degree

1	<p>Mr. M. Sharath (August 2016-December 2018)</p> <p><b>Research topic: At-Site and Multisite Probabilistic Forecasting of Streamflow</b></p> <p><i>(joined after receiving B.Tech degree in Civil Engineering from IIT Madras, Chennai)</i></p> <p><b>Currently Consultant at Aon Benfield, Bangalore</b></p> <p>E-mail: <a href="mailto:sharathalpy@gmail.com">sharathalpy@gmail.com</a></p>	
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### Details of students who were awarded M.Sc (Research) degrees

1	<p>Mr. Atishaya Kumar Saksham (August 2016 –May 2017)</p> <p><i>(joined IISc in 2012 for 5-year Integrated Masters program after 10+2 through KVPY Exam of IISc)</i></p> <p>Currently Sr. Scientific Officer, Experiment science labs, Bangalore</p> <p>E-mail: <a href="mailto:atishayasaksham@gmail.com">atishayasaksham@gmail.com</a></p>	
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## Details of past students who did M.E. project work with Dr.V. V. Srinivas

1	<p>Dr. Shivam Tripathi (2004)</p> <p><b>B.Tech (2002): Pt. Ravishankar Shukla University, India</b></p> <p>Currently Professor in Civil Engineering Department, IIT Kanpur (after receiving Ph.D. from Purdue University, West Lafayette)</p>	
2	<p>Mr. Rajesh Kumar (2007)</p>	
3	<p>Dr. Bidroha Basu (2008)</p> <p><b>B.E. (2006): Jadavpur University, Kolkata</b></p> <p>Currently Assistant Lecturer, Munster Technological University &amp; Adjunct Assistant Professor at Trinity college, Dublin, Ireland (after receiving Ph.D. from IISc)</p>	
4	<p>Mr. Kunal Konar (2010)</p> <p><b>B.E. (2007): Jadavpur University, Kolkata</b></p> <p>Currently Business Development Manager, Satyukt Analytics Private Limited</p>	
5	<p>Mr. Ram Milan Gond (2012)</p>	
6	<p>Mr. Kiran, K. G. (2012)</p> <p><b>B.E. (2008): VTU Belgaum, Karnataka</b></p> <p>Currently Risk Analyst at Aon Benfield, Bangalore (after receiving Ph.D. from IISc)</p>	
7	<p>Mr. Abhishek Goyal (2016)</p> <p><b>B.E. (2013): Thapar University, Patiala, India</b></p> <p>Currently Data scientist with Kitchener, Ontario, Canada, after receiving Ph.D. from Purdue University, West Lafayette, USA</p> <p>(Awarded Professor N S Lakshmana Rao Medal for the year 2015-2016 for best academic performance in ME course)</p>	
8	<p>Mr. Swapan Kumar Masanta (2016)</p> <p><b>B.Tech. (2014): Bhilai Chandra Krishi Viswa Vidyalaya, India</b></p> <p>Currently Senior Analyst for Catastrophe Modelling at Gallagher Re., Mumbai (after receiving Ph.D. from IISc, and stint as Consultant for Catastrophe and Exposure Management at Xceedance, Bangalore)</p>	

9	<p>Mr. Hemant Kumar (2017)</p> <p><a href="#">B.Tech. (Civil Engineering), IIT Roorkee, 2015</a></p> <p>Currently Assistant Professor in Civil Engineering Department, IIT Roorkee (after receiving Ph.D. from North Carolina State University, USA)</p> <p>E-mail: <a href="mailto:hemantkiitr@gmail.com">hemantkiitr@gmail.com</a></p>	
10	<p>Mr. Dinesh Singh Fageria (2018)</p> <p><a href="#">B.Tech. (Civil Engineering), IIT Roorkee, 2013</a></p> <p>Currently Deputy Manager (Tech.), NHAI, NHAI Headquarters, New Delhi.</p> <p>E-mail: <a href="mailto:dinesh.fageria24@gmail.com">dinesh.fageria24@gmail.com</a></p>	
11	<p>Mr. Ravi Prakash Kashyap (2019)</p> <p><a href="#">B.Tech. (Civil Engineering)</a></p> <p>E-mail: <a href="mailto:raviprakashk0@gmail.com">raviprakashk0@gmail.com</a></p>	
12	<p>Akshay Ranjith (2023)</p> <p><a href="#">B.Tech. (Civil Engg), College of Engineering Trivandrum, 2020</a></p> <p>(Continued for PhD at IISc after receiving MTech degree)</p> <p>E-mail: <a href="mailto:rakshay@iisc.ac.in">rakshay@iisc.ac.in</a></p>	
13	<p>Agami Pramanik (2023)</p> <p><a href="#">B.Tech. (Civil Engineering), NIT Durgapur, 2020</a></p> <p>Currently Assistant Engineer, Government of West Bengal.</p> <p>E-mail: <a href="mailto:agamip@alum.iisc.ac.in">agamip@alum.iisc.ac.in</a></p>	
14	<p>Ravi Pavadeppagol</p> <p><a href="#">B.E. (Civil Engineering), VTU Belgaum, 2008</a></p> <p>Currently Assistant Executive Engineer, KPCL, Government of West Bengal.</p> <p>E-mail: <a href="mailto:agamip@alum.iisc.ac.in">agamip@alum.iisc.ac.in</a></p>	