


1.	NAME	:	<b>Dr. B. SURESH.</b> M.Sc., Ph.D. MISTE.,
2.	DESIGNATION	:	<b>Associate Professor</b> Department of Civil Engineering/ Environmental Science & Technology Study Centre Phone: (08192) 221461 (O) Cell : 9449242490 Fax : (08192) 221854 E-mail: <a href="mailto:drbssmg@gmail.com">drbssmg@gmail.com</a>
3.	<b>ACADEMIC AND SOCIAL NETWORK ID'S</b>		
	• VTU ID		• 4BDCV0005209
	• GOOGLE SCHOLAR ID		• <a href="https://scholar.google.com/citations?user=wJqmnZEAAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=wJqmnZEAAAAAJ&amp;hl=en</a>
	• ORCID ID		• 0000-0001-7482-6487  <a href="http://orcid.org/0000-0001-7482-6487">http://orcid.org/0000-0001-7482-6487</a>
	• RESEARCHER ID		• I-6072-2017
	• VIDWAN ID		• Profile URL: <a href="https://vidwan.inflibnet.ac.in/profile/207802">https://vidwan.inflibnet.ac.in/profile/207802</a>
	• SCOPUS ID		• 57213285956
	• MICROSOFT ID		• drbssmg@bapujidvg.onmicrosoft.com
	• COLLEGE ID		• drbssmg@bietdvg.edu
	• WEBSITE ID		• <a href="https://www.bietdvg.edu/department/UG/CV/home">https://www.bietdvg.edu/department/UG/CV/home</a> • <a href="https://www.bietdvg.edu/department/PG/ENV/home">https://www.bietdvg.edu/department/PG/ENV/home</a>
	• LIKIDIN ID		• <a href="https://www.linkedin.com/in/dr-suresh-basava-2a924372/">https://www.linkedin.com/in/dr-suresh-basava-2a924372/</a>
	• TWITTER ID		• <a href="https://twitter.com/SureshBasava1">https://twitter.com/SureshBasava1</a>
	• FACEBOOK ID		• <a href="https://www.facebook.com/sureshsowmya">https://www.facebook.com/sureshsowmya</a>
4.	DATE OF BIRTH	:	24 <sup>th</sup> February 1977.
5.	EDUCATIONAL QUALIFICATION	:	B.Sc. 1998, First class, Sahyadri Science College Shivamoga M.Sc. 2000, First class, Kuvempu University, Shivamogga Ph.D. 2009, Environmental Science (Kuvempu University, Shivamogga) BEd., 2011, First Class, Kuvempu University, Shivamogga
6.	POSITION HELD	:	• 2-9-2023 Associate Prof. & Dept. of Civil Engineering • 2-8-2013 Asst. Prof. & Dept. of Civil Engineering • 9-2-2003 Lecturer in Environmental Studies <b>Presently Working:</b> ➤ as Associate Professor in <i>Bapuji Institute of Engineering &amp; Technology, Davangere</i> from 2 <sup>nd</sup> September 2023 till date for Undergraduate students and M Tech Environmental Engineering.
7.	VISITING FACULTY	:	<b>Worked:</b> ➤ as a Visiting Lecturer in Chanakya Institute of Advanced Management Studies (CIAMS), Davangere for the period of three years (2009 – 2012).

		<ul style="list-style-type: none"> <li>➤ As a visiting Lecturer in Bapuji Hi-tech Education for the period of one year (2012)</li> <li>➤ as a Research Scholar in Bapuji Institute of Engineering &amp; Technology, Davangere under River Water Quality National River Conservation Project (NRCP), New Delhi for the period of six years (2003 -2009).</li> <li>➤ as a Research Scholar for a project on in Water Quality of Tungabhadra River under GEMS/ MINARS, sponsored by Karnataka State Pollution Control Board, Bangalore for the period of Eight years (2000 – 2008) on part time base.</li> <li>➤ as a Trainee lab Chemist (ETP) in M/s Shamanur Sugars Ltd., Duggavathi, Harapanahalli Taluk, Davangere (Dist) for a period of one year (2000 - 2001).</li> <li>➤ as lab Chemist in a project on Ground Water analysis' of Shivamoga District' sponsored by World Bank organized by Shiva Analytical (I) Ltd., Bangalore for the period of six months (1st April 2000 to September 2000).</li> </ul>
	<b>VISITING FACULTY</b>	<ul style="list-style-type: none"> <li>➤ as a Visiting Lecturer in <i>Davan Institute of Advanced Management Studies (DIAMS), Davangere</i> for the period of six years (2007 – 2013) on part time base.</li> <li>➤ as a Visiting Lecturer in <i>A. R. G. College of Arts and Commerce, Davangere</i> for the period of six years (2006 – 2012) on part time base.</li> <li>➤ as Project Assistant in a project on <i>Ambient air quality monitoring of Davangere and Harihar Towns</i> sponsored by 'Ministry of Ecology and Environment, Govt. of Karnataka, Bangalore for the period of three years (2001 to 2003) on part time base).</li> <li>➤ as Project Assistant in a project on <i>Water quality testing at Haveri and Bidhar Districts</i> under Jal Nirmal Project sponsored by Rural Water Supply &amp; Sanitation Project, Karnataka for the period of two years (2001 – 2002) on part time base.</li> </ul>
<b>8.</b>	<b>FIELD OF SPECIALIZATION</b>	<ul style="list-style-type: none"> <li>• Ecology and Biodiversity</li> <li>• Occupational Safety and Health</li> <li>• Environmental Impact Assessment</li> <li>• Industrial Waste Water Treatment</li> <li>• Environmental Chemistry</li> <li>• River Water Quality Monitoring</li> <li>• Environmental Pollution and Monitoring,</li> <li>• Ground Water Quality,</li> <li>• Instrumental Methods of Analysis</li> </ul>

		<ul style="list-style-type: none"> <li>• Solid Waste Management</li> <li>• Water Resources Management</li> <li>• Engineering Geology</li> <li>• Environmental Biotechnology</li> <li>• Ecology and Ecosystem</li> <li>• Research Methodology and IP</li> <li>• BT for Sustainable Environment</li> <li>• Biology for Engineers</li> <li>• Environmental Studies</li> <li>• Bioremediation Techniques</li> </ul>
9.	<b>EXPERIENCE</b>	: Total 21 years of Research & Development, Testing & Consultancy for institution and industries. Teaching & Training for Under Graduate and Postgraduate students.
10.	<b>FELLOW / MEMBER OF PROFESSIONAL BODIES</b>	<p>: <b>Fellow</b></p> <ul style="list-style-type: none"> <li>➤ Bose Science Society (BSS), F28/BSS/2011 Arimalam - 622201, Pudukkottai District, Tamilnadu, India</li> </ul> <p><b>Life member</b></p> <ul style="list-style-type: none"> <li>➤ Indian Society for Technical Education (ISTE), New Delhi (LM77034)</li> <li>➤ National Environmental Science Academy (NESA), New Delhi (LM1590)</li> <li>➤ Bose Science Society (BSS), Tamil Nadu, India (LM28)</li> <li>➤ Institute of Scholars (InSc), Karnataka Zone (InSc20191F60).</li> <li>➤ Associate Member Technologist, Institution of Engineers, Kolkatta (AT400080-9)</li> <li>➤ <b>Institute For</b> Engineering Research and Publication (IFERP) 2011 - 2013</li> </ul> <p><b>Member</b></p> <ul style="list-style-type: none"> <li>• Global Society for Health and Educational Growth (GSJEG), New Delhi during 2017-2018</li> <li>• The Institution of Engineers, Kolkata, Associate Member of Technologist (AT400080-9)</li> <li>• International Association of Engineers (IAENG), (275160)</li> </ul>
11.	<b>ACADEMIC ACTIVITIES AND ACHIEVEMENTS</b>	<p><b>Recognized as</b></p> <ul style="list-style-type: none"> <li>• <b>Guide</b> in the field Environmental Science and Engineering of Visvesvaraya Technological University, Belgaum.</li> </ul>
		<p><b>About 75 Research Papers published in the area of water quality, soil quality and noise quality estimation of Environmental fields. (National and International Journals, seminars &amp; symposia).</b></p> <ul style="list-style-type: none"> <li>• <b>National Advisory Committee Member</b> for Hybrid Conference 2<sup>nd</sup> International Conference on Emerging Trends in Science, Engineering and Management (ICETSEM-2021) <b>from 15<sup>th</sup> – 16<sup>th</sup> July 2021</b>, Organized By <b>GM Institute of Technology (GMIT), Davangere,</b></li> </ul>

		<p>Karnataka in Association with Institute For Engineering Research and Publication (IFERP).</p> <ul style="list-style-type: none"> <li>• <b>Scientific Committee Member</b> for 2nd International Conference on Futuristic Trends in Embedded Systems and Networking (ICFTEN 2021) - Virtual Conference from <b>07<sup>th</sup> - 08<sup>th</sup> July 2021</b>, Organized By Department of Electronics and Communication Engineering &amp; IQA <b>Rao Bahadur Y. Mahabaleswarappa Engineering College, Ballari</b> in Association with <b>Institute For Engineering Research and Publication (IFERP)</b>.</li> <li>• <b>Scientific Committee Member</b> for 2<sup>nd</sup> International Conference on Futuristic trends in Embedded Systems and Networking (ICFTEN) – Virtual conference from <b>20<sup>th</sup> to 21<sup>st</sup> May 2021</b> organized by Rao Bahadur Y.Mahabaleswarappa Engineering College, Ballari in Association with Institute For Engineering Research and Publication (IFERP).</li> <li>• <b>Advisory Committee Member</b>, for “International Conference on recent Advances in Civil and mechanical Engineering Practices, ICRACMEP-2018” which is held from <b>2<sup>nd</sup> to 3<sup>rd</sup> November 2018</b>, Organized by Vasireddy Venkatadri Institute of Technology, (VVIT) and Institute for Engineering Research and Publication (IFERP), Nambur (V), Guntur (Dt), Andra Pradesh – 522 508.</li> <li>• <b>Editorial Board Member</b> for International Journal of Research and Innovation in Applied Science, ISSN No. 2454-6194.</li> <li>• <b>Editorial Board Membership</b> for American Journal of Environmental Science and Engineering (AJESE), ISSN Print: 2578-7985, ISSN Online: 2578-7993. (<a href="http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=529">http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=529</a>)</li> <li>• <b>Organizing Member</b>, for faculty development programme on “Sustainable Development through Sugar industries” which is held from 28<sup>th</sup> July to 31<sup>st</sup> July 2013 sponsored by VTU-VGST, Bangalore.</li> <li>• <b>Organizing Member</b>, for 60<sup>th</sup> Annual Conference of Association of Occupational Health held from 26<sup>th</sup> and 27<sup>th</sup> June 2010.</li> <li>• <b>Organizing Member</b>, for Short Term training programme for “Industrial Pollution Control” held from 16<sup>th</sup> to 20<sup>th</sup> June 2008 sponsored by AICTE, New Delhi.</li> </ul>
	<p><b>Ph.D thesis abstract</b></p>	<p>* Ph.D. Topic “<b>STUDIES ON THE ROLE OF BIOINDICATORS IN THE WATER SYSTEM OF TUNGABHADRA RIVER NEAR HARIHAR TOWN</b>”</p> <p>Research work on the role of different bio-indicators in assessing river water pollution has been completed. A 30 km stretch of Tungabhadra River was considered for the study. Study was carried out for three years (2005-2008). Along with bio-indicators physico-chemical parameters were also evaluated and correlated with biological species. The investigation sponsored by National River Conservation Directorate (NRCD), Govt. of India New Delhi.</p>

12.	<b>OTHER ACTIVITIES</b> <b>Analytical Skills</b>	: Handling of sophisticated analytical instruments like <ul style="list-style-type: none"> <li>• High Pressure Liquid Chromatography (HPLC) with RI and UV Visible Detectors</li> <li>• Gas Chromatography (GC) (FID, TCD, and ECD Detectors)</li> <li>• Atomic Absorption Spectrophotometer (AAS)</li> <li>• UV-Spectrometer (UVS)</li> <li>• Flame Photometer</li> <li>• Flue Gas Analyzer</li> </ul>
13.	<b>MEMBER OF ACADEMIC BODIES</b>	: <b>Member of</b> <ol style="list-style-type: none"> <li>i. District Expert Appraisal Committee for Assessment and Evaluation of Mining projects and also projects requiring Environmental clearance under Central Government under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (2016 – 2019).</li> </ol>
14.	<b>ACADEMIC ACTIVITIES AND ACHIEVEMENTS</b>	<p><b>Recognized as</b></p> <ol style="list-style-type: none"> <li>i. <b>Member of Editorial Board</b> Asian Council of Science Editors Membership No. 91.13031 Valid upto 31<sup>st</sup> December 2021</li> <li>ii. <b>Member Editorial Committee</b> International Journal of Research and Innovation in Applied Science, ISSN No. 2454-6194, India: Level 9, Unit No. 901, Spazei-Tech Park, A1 Tower, Sector-49, Sohna Road, Delhi-NCR, Gurgaon- 122018, India (2018).</li> <li>iii. <b>Certificate of excellence in peer-reviewing</b> in recognition of an outstanding contribution to the quality of the Journal. <ol style="list-style-type: none"> <li>a. Current World Environment</li> <li>b. Uttar Pradesh Journal of Zoology</li> <li>c. Science domain International</li> <li>d. Journal of Global Ecology and Environment</li> </ol> </li> </ol> <p><b>Paper Reviewed</b></p> <ol style="list-style-type: none"> <li>i. Diatom Checklist, Composition and abundance of a Lotic Aquatic Ecosystem in Edo State to Publish in Journal of Applied Life Sciences International Paper Code 2015/JALSI/16211.</li> <li>ii. Species Specific activity of Digestive enzymes in two fresh water prawns <i>Macrobrachium rosebergii</i> and <i>Macrobrachium Malcomsonii</i> Juveniles to publish in British Biotechnology Journal Paper Code 2016/BBJ/29404.</li> <li>iii. Study of Aquatic Fungi and Their Role in Purification of Allochthonous leaves at Hunna Lake (Balochistan), to Publish in British Microbiology Research Journal Paper Code 2016/BMR/27391.</li> </ol>
15.	<b>INVITED SPEAK</b>	<ol style="list-style-type: none"> <li>1. Give a Talk on <b>“Plastic on Environment”</b> on 26<sup>th</sup> September 2019 on the occasion of Swachh Bharath Programme organized by College of Dental Science, Davangere, Karnataka</li> <li>2. Give a Talk <b>“Parisara Jagruthi”</b> on 3<sup>rd</sup> November 2016 on the occasion of University</li> </ol>

		<p>level Debate, Essay writing and Prisara Jagruthi organized by Mankanur Malleshappa Educational Institute, Anubhava Mantapa, Davangere, Karnataka</p> <p>3. Attended as Judge for <b>Science Exhibition Competition</b> at Smt. Boosnur Mangalagowri Shivayogi memorial school, S. S. layout Davangere on 10.12.2016</p> <p>4. Give a talk on <b>“Environment-Analytical Chemistry”</b> in Govt. First Grade College, Harihar on 7<sup>th</sup> April 2015.</p> <p>5. Give a talk on <b>“Importance of World Environment Day”</b> in Mankanur Malleshappa Educational Institute, Davangere on 30<sup>th</sup> September, 2014.</p>																																				
16.	<b>SANCTIONED STUDENT PROJECTS</b>	<p><b>5</b> under Graduate student projects (<b>KSCST &amp; BIO-FUEL BOARD</b>) <b>Project Work Sanctioned and Completed</b></p> <p>➤ <b>An Experimental investigation on removal of dyes and COD from textile waste water using functionalized Lignocellulosic material.</b> Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year <b>2015-2016</b> (39<sup>th</sup> Series).</p> <p>➤ <b>An Experimental investigation on Evaluation of Kinetic Parameters Co-efficient for the Treatment of Distillery waste using activated sludge process</b> Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year <b>2014-2015</b> (38<sup>th</sup> Series).</p> <p>➤ <b>Development of Mathematical Models for Removal of Nitrates from Waste Water</b> Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year <b>2014-2015</b> (38<sup>th</sup> Series).</p>																																				
17	<b>ACADEMIC PROGRAMMES GUIDED/ SUPERVISED</b>	<table border="1"> <tr> <td>i.</td> <td>Number of Ph.D Students awarded</td> <td>:</td> <td>01</td> </tr> <tr> <td>ii.</td> <td>Number of Ph.D Students working</td> <td>:</td> <td>03</td> </tr> <tr> <td>iii.</td> <td>Number of M. Tech Degree Awarded</td> <td>:</td> <td>24</td> </tr> <tr> <td>iv.</td> <td>No. of students working for M.Tech Projects</td> <td>:</td> <td>-</td> </tr> <tr> <td>v.</td> <td>No. of FDP/Workshop/Conference attended</td> <td>:</td> <td>29</td> </tr> <tr> <td>vi.</td> <td>No.of Online/Virtual FDP attended</td> <td>:</td> <td>09</td> </tr> <tr> <td>vii.</td> <td>No. webinars attended</td> <td>:</td> <td>07</td> </tr> <tr> <td>viii.</td> <td>No. of awards received</td> <td>:</td> <td>05</td> </tr> <tr> <td>ix</td> <td>No. of Professional Training attended</td> <td>:</td> <td>12</td> </tr> </table>	i.	Number of Ph.D Students awarded	:	01	ii.	Number of Ph.D Students working	:	03	iii.	Number of M. Tech Degree Awarded	:	24	iv.	No. of students working for M.Tech Projects	:	-	v.	No. of FDP/Workshop/Conference attended	:	29	vi.	No.of Online/Virtual FDP attended	:	09	vii.	No. webinars attended	:	07	viii.	No. of awards received	:	05	ix	No. of Professional Training attended	:	12
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18.	AWARDS / PRIZES / CERTIFICATES ETC	<ul style="list-style-type: none"> <li>➤ <b>YOUNG SCIENTIST OF THE YEAR AWARD - 2020</b> for excellent work in the field of Environmental Science for the year 2020-21 by National Environment Science Academy, New Delhi.</li> <li>➤ <b>YOUNG ACHIEVER AWARD - 2019</b> for research paper published in reputed International Journals for the year 2019 by <b>Institute of Scholars</b>, Department of Awards, #1338, 2nd Cross, 7th Block Sir M V Layout, Muddhinapalya Bengaluru-560091, Karnataka, India.</li> <li>➤ <b>BHARAT SHIKSHA RATAN AWARD - 2017</b> for Individual contribution towards Economic Growth and Social Development by Global Society for Health &amp; Educational Growth and The economic for Health and Educational Growth, New Delhi on 7<sup>th</sup> October 2017.</li> <li>➤ <b>SUNDERLAL BAHUGUNA YOUNG SCIENTIST AWARD - 2011</b> for Valuable service and contribution to Environmental Science for the year 2011, by BOSE Science Society, Arimalam - 622201, Pudukkottai District, Tamilnadu, India.</li> <li>➤ <b>PROJECT OF THE YEAR - 2015, An Experimental investigation on Evaluation of Kinetic Parameters Co-efficient for the Treatment of Distillery waste using activated sludge process</b> for the year 2015, selected by Karnataka State Council for Science and Technology, Bengaluru, Karnataka, India. Under Student project Programme (SPP) during the year 2014-2015 38<sup>th</sup> Series).</li> </ul>
19.	PROFESSIONAL TRINING PROGRAMME ATTENDED	<ul style="list-style-type: none"> <li>• Online certificate course on <b>Bio-medical Waste Management, Treatment and Disposal in Post COVID-19 Environment</b> from 6<sup>th</sup> to 7<sup>th</sup> June 2020. Organized by Global EHS Consultant, Kolkata.</li> <li>• National Institute of Technical Teachers Training and Research, Kolkata (Ministry of Human Resource Development, Govt. of India) Sponsored one week Short Term Training Programme through ICT mode on <b>“Effective Teaching”</b> organized by the Bapuji Institute of Engineering and Technology, Davangere, Karnataka, India from 15<sup>th</sup> July 2019 to 19<sup>th</sup> July 2019.</li> <li>• Tier II Training Course on <b>“Ground Water Development and Management”</b> organized by Ministry of Water Resource, River development and Ganga Rejuvenation, Central Ground Water Board, South Western region, Bengaluru under the aegis of National Ground Water Training and Research Institute, Raipur during 12<sup>th</sup> to 14<sup>th</sup> September 2017 at Bapuji Institute of Engineering &amp; Technology, Davangere, Karnataka.</li> </ul>

		<ul style="list-style-type: none"> <li>• ISTE-STTP on “<b>Environmental Studies</b>” conducted by Indian Institute of Technology, Bombay under the National Mission on Education through ICT (MHRD) from 02<sup>nd</sup> to 12<sup>th</sup> June 2015 at U B D T College of Engineering, Davangere.</li> <li>• TEQIP II Sponsored one week Short Term Training Programme on “<b>Environmental Forensics</b>” jointly organized by the Department of Civil Engineering, NIT, Calicut and Department of Civil Engineering, IIT Delhi from 6<sup>th</sup> to 12<sup>th</sup> July 2014 at NIT Calicut.</li> <li>• QIP-STTP on “<b>Modelling approaches for free surface flow and water quality management</b>” organized by Department of Civil Engineering IIT Madras during 18<sup>th</sup> – 23<sup>rd</sup> November 2013. Sponsored by All India Council for Technical Education (AICTE), New Delhi</li> <li>• Faculty development Programme on “Sustainable Development through Sugar Industries” (SDSI-2013) organized by Department of Civil Engg, Bapuji Institute of Engg &amp; Technology, Davangere, Karnataka Sponsored by VTU-VGST, Bangalore from 28<sup>th</sup> July 31<sup>st</sup> July 2013.</li> <li>• Staff Development Programme on “Integrated development of small and medium Towns-A Holistic approach using Remote Sensing” (IDSMT-2011) Organized by Department of Civil Engg, Adhiyamaan College of Engg (Autonomous) Hosur, Tamilnadu Sponsored by AICTE-ISTE New Delhi from 13<sup>th</sup> to 27<sup>th</sup> June 2011.</li> <li>• Faculty Development Training programme on Environmental Science &amp; Engineering. Organized by Department of Rubber &amp; Plastic Technology, MIT Campus, Anna University Chennai from 14<sup>th</sup> to 20<sup>th</sup> December 2009.</li> <li>• Training programme on “<i>Industrial Pollution Control</i>” organized by Bapuji Institute of Engineering &amp; Technology, Dept. of Chemistry, Davangere – 577 004 Sponsored by AICTE-ISTE, New Delhi from 16<sup>th</sup> -20<sup>th</sup> June 2008.</li> <li>• Training programme on “<i>Recent Trends in Analytical Instrumentation</i>” organized by Bapuji Institute of Engineering &amp; Technology, Dept. of Chemistry, Davangere – 577 004 Sponsored by AICTE-ISTE, New Delhi from 30<sup>th</sup> August to 3<sup>rd</sup> September 2004.</li> <li>• Training Programme on “<i>Chromatographic Analysis</i>” organized by Govt. of India/Ministry of Labour, Advanced Training Institute, Chennai - 600 032 from 29<sup>th</sup> December 2003 to 2<sup>nd</sup> January 2004.</li> </ul>
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20.	<p><b>OTHER ASSIGNMENTS</b></p> <p>Associated in the Preparation of Environmental Impact Assessment reports for the following industries.</p>	<ul style="list-style-type: none"> <li>• M/s Hemarus Technology Limited. Hudalli Village Belgaum Taluka &amp; Dis.</li> <li>• M/s Shamanur Sugars Limited, Duggavathi. Harpanahalli Tq, Davangere Dist</li> <li>• M/s. Samson's Distilleries Private Limited, Duggavathi. Harpanahalli Tq, Davangere Dist.</li> <li>• M/s Universal Bottles Limited, Nelamangala, Banagalore.</li> <li>• M/s Indian Cane Power Limited, Uttur, Mudhol Tq, Belgaum Dist.</li> <li>• Shri. Renuka Sugars, Belgaum, units at Havalaga, Athani and Monoli.</li> <li>• M/s Sovereign Distilleries Limited, Singapur, Sindhanur Tq, Bijapur Dist</li> <li>• M/s. Core Green Sugars &amp; Fuels Pvt. Ltd, Hyderabad,</li> <li>• Kalyani Steels Limited, Ginigera, Koppal Tq &amp; Dist.</li> <li>• Hospet Steels Limited, Ginigera, Koppal Tq &amp; Dist.</li> <li>• Karthik Agro Industries Private Limited., Huligeri, Badami Tq , Bagalkot Dist.</li> <li>• GEM Sugars Limited, Kundargi, Bilagi (T) Bagalkot (D)</li> <li>• Chamundi Distilleries Private Limited., Maliyur, T.N.Pura Tq, Mysore Dist.</li> <li>• S. S. Institute of Medical Science &amp; Hospital, Davangere</li> </ul>
21.	<p><b>EIA REPORTS PREPARED</b> :</p>	<ul style="list-style-type: none"> <li>• M/s. Shamanur Sugars Limited, Duggavathi. Harpanahalli Tq, Davangere dist.</li> <li>• M/s. Sovereign Distilleries Limited, Singapur, Sindhanur Tq, Bijapur Dist.</li> <li>• M/s. Core Green Sugars &amp; Fuels Pvt. Ltd, Hyderabad,</li> <li>• M/s. Chamundi Distilleries Private Limited., Maliyur, T.N.Pura Tq, Mysore Dist.</li> <li>• M/s. Karthik Agro Industries Private Limited., Huligeri, Badami Tq , Bagalkot Dist.</li> <li>• S. S. Institute of Medical Science &amp; Hospital, Davangere Dist.</li> <li>• M/s. Kumar Organic Products Limited., Pharmaceuticals SEZ Hasan Industrial Area, Shantigram, Hasan Taluk &amp; District, Karnataka State.</li> </ul>
22.	<p><b>PROJECT ASSISTANT/ ASSOCIATES</b> Projects Completed</p>	<ul style="list-style-type: none"> <li>• Ambient Air Quality Monitoring At Harihar &amp; Davangere Towns [1998-2002] Sponsored by Ministry of Ecology &amp; Environment. Govt. of Karnataka (4 years).</li> <li>• Study of Water Quality in Davangere District</li> </ul>

		<p>[1998-99] Sponsored by Ministry of Ecology &amp; Environment. Govt. of Karnataka.</p> <ul style="list-style-type: none"> <li>• Water Quality Monitoring Under Jananirmal Project, from MDP Consultant, New Delhi.</li> <li>• Under Research Grants Scheme. “Optimization of Cellulosic Ethanol Production from Feed Stocks” year 2008-2009 sponsored by Visvesvaraya Technological University, Belgaum and Samson’s Distilleries Private Limited, Davangere. All India Council for Technical Education, New Delhi under Research Promotion Scheme (RPS).</li> </ul>
		<ul style="list-style-type: none"> <li>• “Optimization of Bio-methanation process for High TDS spent wash from Distilleries” year 2007 – 2008.</li> <li>• “Design and optimization of Biomethanation for high TDS spent wash from Olio resign extraction of Agro bio-chem Industries” year 2008–2009.</li> <li>• All India Council for Technical Education, New Delhi under MODROBS “Modernization of Removal of Obsolescence in Atmospheric Science &amp; Engineering Laboratory” 2012 - 2013.</li> </ul>

## 22. THE DETAILS OF RESEARCH PAPERS PUBLISHED:

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#### **Research Publications – Proceedings:**

1. “Assessment of possible Pollution potential of Lentic Water Bodies, Hassan District, India”. **Water and Economics-2013**, Vol. 1 (07), 85-101, **2013**. ISBN: 978-93-83183-16-6.
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## Research Papers Presented in Seminars/Conference/Workshop

1. “Reconnaissance of Ground water Quality of Ranebennur Taluk, Haveri District, Karnataka State Using GIS Applications” **International Conference on Recent Trends in Engineering Technology and Science (ICRETS-2016)** organized by Sri Taralabalu Jagadguru Institute of Technology, Ranebennur, Haveri District – 581115, Karnataka held on 11<sup>th</sup> and 12<sup>th</sup> August 2016.
2. “Phytoplankton Dynamics and seasonal Variation in Tungabhadra River near Harihar, Karnataka of India”. **Water and Economics-2013**, held at Govt. First Grade College and P G Centre, Davangere, Karnataka on 2013.
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5. “Water quality Index of Tungabhadra river water ecosystem near Harihar town, Karnataka” **Conference on Lake 2008: Conservation and Management of River and Lake Ecosystems Organized** by Energy & Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560 012, India held from 22<sup>nd</sup> to 24<sup>th</sup> December 2008.
6. “Limnological study of Tungabhadra River near Harihar, Karnataka” International Conference on **“The Majestic River Ganga – Health, Integrity and Management”** sponsored by Aquatic Ecosystem Health & Management Society, Canada at Patna University, Patna, India. On November 13<sup>th</sup> to 15<sup>th</sup>, 2006.
7. Ecological status of Tungabhadra River with reference to discharge of Industrial effluent near Harihar, Karnataka, India. 4<sup>th</sup> International conference of the **Aquatic Ecosystem Health and Management Society**, held at Nanjing-Hangzhou, China. November 27<sup>th</sup> – 30<sup>th</sup> 2005.
8. Studies on the Seasonal variation of Phytoplankton in Tungabhadra River near Harihar – Karnataka. International Conference on **“Environmental Management (ICEM-2005)”** at center for Environment, IST, Jawaharlal Neharu Technological University, kukatpally, Hyderabad (A.P), India on 28<sup>th</sup> to 30<sup>th</sup> October 2005.
9. Distribution Pattern of Algal flora affected by the effluent released from polyfibers factory International Conference on **“Water and Health”** held at JSS Research foundation, Sri Jayachamarajendra College of Engineering on 22<sup>nd</sup> and 23<sup>rd</sup> January 2005.
10. Studies on Enviro-Ecological Status of Tungabhadra River Near Harihar, Karnataka UGC Sponsored State Level Conference on **“Environmental Pollution & Management – Future Challenges”** held at JSS College of Arts, Commerce and Science College on 29<sup>th</sup> and 30<sup>th</sup> July 2005. Sponsored by UGC.
11. Studies on the Water Quality Index of river Tungabhadra near Harihar - Karnataka UGC Sponsored National Level Seminar on **“Recent Trends in Analytical Techniques in Monitoring the Environment”** held at Dharma Apparao College, Nuzvid, Krishna District, AP. on 19<sup>th</sup>, 20<sup>th</sup>, and 21<sup>st</sup> October 2005. Sponsored by UGC.
12. Phytoplankton and Macrophytes Composition in lotic Aquatic Ecosystem National Conference on **“Environmental Pollution Control & Repercussions”** held at University of B.D.T college of Engineering, Davangere on 4<sup>th</sup> and 5<sup>th</sup> October 2004. Sponsored by ISTE, Karnataka Section and Kuvempu University.

### **Seminars/ Conference/ Workshop Attended:**

1. Three day National Seminar and Exhibition on **Construction and Demolition Waste Management: Eco-Construction** from 8<sup>th</sup> to 10<sup>th</sup> August 2019 by Association of Consulting Civil Engineers (India) Davangere Centre at Bapuji Institute of Engineering and Technology, Davangere, Karnataka.
2. One day workshop on “Recent Trends of Application of Science and Engineering” Jointly organized by Science Form, BIET, Davangere and Indian Society for Technical Education-BIET Chapter, Davangere on 28<sup>th</sup> September 2018.
3. One day workshop on :**Modern Approach for Effective Management of Municipal Solid Waste (MAEM-MSW)** organized by Department of Civil Engineering, ISTE-BIET and KSPCB, Regional Office, Davangere on 14<sup>th</sup> November 2015 at Bapuji Institute of engineering & Technology Davangere
4. One day workshop on “**Research Methodology**” Jointly organized by Research and Development Cell, BIET, Davangere and Indian Society for Technical Education-BIET Chapter, Davangere on 28<sup>th</sup> October 2015.
5. One day UGC sponsored one day National Seminar on “**Modern trends in Genetics, Molecular biology**”. Organized by Government First Grade collage, Davangere on 3<sup>rd</sup> October 2015.
6. **National Programme of Technology Enhanced learning (NPTEL)** workshop conducted at SDM College of Engineering and Technology, Dharwad Jointly organized by Indian Institute of Technology, Madras and Indian Institute of Science under MHRD, Government of India on 28<sup>th</sup> February 2015.
7. Three days **7<sup>th</sup> International Congress of Environmental Research (ICER-14)** organized by Rashtreeya Sikshana Samiti Trust in collaboration with Journal of Environmental Research and development, Bhopal, India at R V College of Engineering, Bengaluru from 26<sup>th</sup> to 28<sup>th</sup> December 2014.
8. Phytoplankton Dynamics and seasonal Variation in Tungabhadra River near Harihar, Karnataka of India. **Water and Economics-2013**, held at Govt. First Grade College and P G Centre, Davangere, Karnataka.
9. Assessment of possible Pollution potential of Lentic Water Bodies, Hassan District, India. **Water and Economics-2013**, held at Govt. First Grade College and P G Centre, Davangere, Karnataka.
10. One day National Seminar on “**Water and Economics Development**” organized by Govt. First Grade College and P G Centre, Davangere from 15<sup>th</sup> to 16<sup>th</sup> February 2013.
11. One day National Seminar on “**Research Opportunities in Bio-fuels**” organized by Visvesvaraya Technological University, Belgaum and Sponsored by Karnataka State Bio-fuels Development Board, Bangalore on 19<sup>th</sup> February 2013.
12. Two Day Conference on 60<sup>th</sup> Annual **Conference of Association of Occupational Health organized by** S. S. institute of Medical Sciences & Research Centre, Davangere, in association with Bapuji Institute of Engineering & Technology, Davangere Karnataka, which is held from 26<sup>th</sup> and 27<sup>th</sup> June 2010.
13. One day workshop on **EPA Method 1311 – TCLP (Toxicity Characteristic Leaching Protocol)** organized by Millipore India Pvt. Ltd., Bangalore on 5<sup>th</sup> December 2009.
14. Biotechnological Applications in the Production of Cellulosic Ethanol **National Conference on Nanobiotechnology: Applications in Medicine** **Nanobiotech-2009** held at S. S. institute of Medical Sciences & Research Centre, Davangere, Karnataka on 28<sup>th</sup>, 29<sup>th</sup>, and 30<sup>th</sup> November 2009.
15. Water quality Index of Tungabhadra river water ecosystem near Harihar town, Karnataka **Conference on Lake 2008: Conservation and Management of River and Lake**

- Ecosystems Organized** by Energy & Wetlands Research Group, Centre for Ecological Sciences, IISc, Bangalore, India held from 22<sup>nd</sup> to 24<sup>th</sup> December 2008.
16. One day National Seminar on ***“Educational Scenario of the 21<sup>st</sup> century”*** organized by Bapuji Educational Association at A. V. Kamamma College for Women, Davangere, Karnataka held on 3<sup>rd</sup> February, 2007.
  17. “Limnological study of Tungabhadra River near Harihar, Karnataka” International Conference on ***“The Majestic River Ganga – Health, Integrity and Management”*** sponsored by Aquatic Ecosystem Health & Management Society, Canada at Patna University, Patna, India. On November 13<sup>th</sup> to 15<sup>th</sup>, 2006.
  18. Studies on the Seasonal variation of Phytoplankton in Tungabhadra River near Harihar – Karnataka. International Conference on ***“Environmental Management (ICEM-2005)”*** at center for Environment, IST, Jawaharlal Nehru Technological University, kukatpally, Hyderabad (A.P), India on 28<sup>th</sup> to 30<sup>th</sup> October 2005.
  19. Studies on Enviro-Ecological Status of Tungabhadra River Near Harihar, Karnataka UGC Sponsored State Level Conference on ***“Environmental Pollution & Management – Future Challenges”*** held at JSS College of Arts, Commerce and Science College on 4<sup>th</sup> and 5<sup>th</sup> October 2004. Sponsored by UGC.
  20. Studies on the Water Quality Index of river Tungabhadra near Harihar - Karnataka UGC Sponsored National Level Seminar on ***“Recent Trends in Analytical Techniques in Monitoring the Environment”*** held at Dharma Apparao College, Nuzvid, Krishna District, AP. on 19<sup>th</sup>, 20<sup>th</sup>, and 21<sup>st</sup> October 2005. Sponsored by UGC.
  21. Distribution Pattern of Algal flora affected by the effluent released from polyfibers factory International Conference on ***“Water and Health”*** held at JSS Research foundation, SJCE, Mysore on 22<sup>nd</sup> and 23<sup>rd</sup> January 2005
  22. Ecological status of Tungabhadra River with reference to discharge of Industrial effluent near Harihar, Karnataka, India. 4<sup>th</sup> International conference of the ***Aquatic Ecosystem Health and Management Society***, held at Nanjing-Hangzhou, China. November 27<sup>th</sup> to 30<sup>th</sup> 2005.
  23. Three days National Seminar on ***“Recent Trends in Analytical Techniques in Monitoring the Environment”*** organized by Dept of chemistry, D. A. R. College, Nuzvid – 521 201, Krishna District, Andra Pradesh held on 19<sup>th</sup>, 20<sup>th</sup> and 21<sup>st</sup> October 2005.
  24. Phytoplankton and Macrophytes Composition in lotic Aquatic Ecosystem National Conference on ***“Environmental Pollution Control & Repercussions”*** held at University of B.D.T college of Engineering, Davangere on 4<sup>th</sup> and 5<sup>th</sup> October 2004. Sponsored by ISTE, Karnataka Section and Kuvempu University.
  25. One day Workshop on ***“Water & Waste Water Management in Urban Areas”*** Organized by Department of Civil Engineering, Bapuji Institute of Engineering & Technology, Davangere, Karnataka held on 18<sup>th</sup> June 2004.
  26. Two days workshop on ***“Solid Waste Management in Urban Areas”*** Organized by Department of Chemistry & Environmental science & Technology Study Center, Bapuji Institute of Engineering & Technology, Davangere, Karnataka held from 11<sup>th</sup> & 12<sup>th</sup> June 2004.
  27. One day National Seminar ***“Drinking water Quality and Safety Management”*** Organized by Department of P. G. Studies & Research in Environmental Science, Jnana Sahyadri, Shankaragatta-577451 Shimoga Dist, Karnataka.

### **Online/Virtual / FDP/Workshop/Conference Attended:**

- 1. One week Faculty development Programme (FDP)** on Site Investigation and Ground Water Improvements Organized by Department of Civil Engineering in association with IIC and IQAC **from 4<sup>th</sup> to 9<sup>th</sup> January 2021** at BGS Institute of Technology, BG Nagara, Mandya district, Karnataka.
- 2. One week Online FDP** on Recent Advances in Sustainable Materials for Engineering Applications from 22<sup>nd</sup> to 26<sup>th</sup> February 2020. Organized by Department of Civil Engineering, BMSCE in association with F.E.T.M.J.P, Rohilkhand University, Bareilly
- 3. One week AICTE-ISTE Refresher FDP** on Integrated Waste Management-Program-1 from 4<sup>th</sup> to 10<sup>th</sup> November 2020 organized by Department of Civil Engineering, Angadi Institute of Technology and Management, Belgavi (Karnataka).
- 4. One week AICTE-ISTE Refresher FDP** on Integrated Waste Management-Program-2 from 24<sup>th</sup> to 30<sup>th</sup> November 2020 organized by Department of Civil Engineering, Angadi Institute of Technology and Management, Belgavi (Karnataka)
- 5. One week AICTE-ISTE Refresher FDP** on Integrated Waste Management-Program-3 from 14<sup>th</sup> to 19<sup>th</sup> December 2020 organized by Department of Civil Engineering, Angadi Institute of Technology and Management, Belgavi (Karnataka)
- 6. Five day FDP –Virtual** on Trends in Computational Biology from 9<sup>th</sup> to 13<sup>th</sup> December 2020, Organized by The Indian Institute of Engineers (IEI) student chapter (BT,SCE) & Shristi BT Form
- 7. Five day Online FDP** on Advanced Wastewater Treatment Options from 22<sup>nd</sup> to 26<sup>th</sup> September 2020 Organized by Department of Studies in Civil Engineering, University BDT College of Engineering – Davangere (Karnataka) in association with VTU, Belgavi (Karnataka).
- 8. Virtual International Conference** on Research and Innovations in Physical, Biological and Social Sciences for Sustainable Development from 27<sup>th</sup> to 28<sup>th</sup> Organised by Department of Geography and Zoology, Kamala Neharu Institute of Physical and Social Sciences, Sultanpur, UP, India
- 9. One week online FDP on NBA and NAAC Accreditation Process** from 4<sup>th</sup> to 8<sup>th</sup> June 2020 organized by Internal Quality Assurance Cell (IQAC) M S Ramiah Institute of Technology, Bengaluru under AICTE Margadashan Scheme.

### **Webinars Attended**

1. One day webinar on International Mountain Day-2020 on 11<sup>th</sup> December 2020 Organized by Uttarakhand Science Education and Research Centre, Department of science and Technology, Uttarakhand
2. Three Day International in an Online mode on Computational trends and Applications in Civil Engineering from 8<sup>th</sup> to 10<sup>th</sup> June 2020 Organized by Department of Civil Engineering JSS Academy of Technical Education Noida
3. One day webinar on Smart Irrigation using Internet of Things on 15<sup>th</sup> June, 2020 Organized by Department of Civil Engineering and Computer Science and Engineering, G M Institute of Technology, Davangere, Karnataka.
4. One day webinar on Remote Sensing for Environmental Studies Conducted on 13<sup>th</sup> June 2020 Organized by Dr. Ambedkar Institute of Technology, Bangalore Karnataka.
5. National level quiz on Remote Sensing and GIS Organized by Karnataka State Engineering Colleges, Geology Teachers Association (KSECGTA), Bangalore, Karnataka Secured 60% Score.

6. One day webinar on Fundamentals of Biostatistics conducted on 23<sup>rd</sup> May 2020 by Department of Biotechnology, R V College of Engineering, Bengaluru, Karnataka.
7. Two day webinar on Remote Sensing and GIS Applications from 29<sup>th</sup> to 30<sup>th</sup> May 2020 by Department of P G Studies and Research in Environmental Science, Gulbarga University, Jnana Ganga Campus, Kalaburg, Karnataka

**LIST OF Ph.D STUDENTS WORKING UNDER THE GUIDANCE OF  
Dr. SURESH. B**

<i>Name of Research Scholar</i>	<b>Mrs. Madhu Jalaki</b>
<i>USN</i>	4BD19PCV02
<i>Department</i>	Dept. of Civil Engineering
<i>Ph. D Thesis title</i>	“Assessment and modeling of groundwater quality surrounding municipal solid waste dumping yards - a case study of Hubli city situated at northern part of Karnataka”
<i>Registration Date</i>	2019
<i>Institute – University –</i>	Visvesvaraya Technological University, Belgavi.

<i>Name of Research Scholar</i>	<b>Mr. Raghu V</b>
<i>USN</i>	4BD21PEV02
<i>Department</i>	Dept of Environmental Engineering
<i>Ph. D Thesis title</i>	“Impact of Sand Mining and Dynamics of Bioindicators in water quality Tungabhadra – A case study”
<i>Registration Date</i>	2021
<i>Institute – University –</i>	Visvesvaraya Technological University, Belgavi.

<i>Name of Research Scholar</i>	<b>Mr. Manjunath B J</b>
<i>USN</i>	4BD22PEV01
<i>Department</i>	Dept. of Environmental Engineering
<i>Ph. D Thesis title</i>	“An Appraisal of RO Reject water and its Treatment Methods”
<i>Registration Date</i>	2022
<i>Institute – University –</i>	Visvesvaraya Technological University, Belgavi.

<i>Name of Research Scholar</i>	<b>Miss. Vijayalaxmi Maruti Shanbhag</b>
<i>USN</i>	4BD23PEV01
<i>Department</i>	Dept. of Environmental Engineering
<i>Ph. D Thesis title</i>	“Studies on Analyzing the Effects of Pollution on Marine Ecosystem and Strategies for Pollution Control”
<i>Registration Date</i>	2023
<i>Institute – University –</i>	Visvesvaraya Technological University, Belgavi.

**LIST OF Ph.D STUDENTS AWARDED DEGREE UNDER THE GUIDANCE OF  
Dr. SURESH. B**

<i>Name of Research Scholar</i>	<b>Mr. J. K. Prasanna Kumar</b>
<i>USN</i>	4BD17PGS01
<i>Department</i>	Dept of Chemistry
<i>Ph. D Thesis title</i>	“Novel Chemical Modification of Lignocellulosic Materials with Reactive dyes & their Weathering Performance”
<i>Registration Date</i>	2017 <b>Degree Awarded : 2023</b>
<i>Institute – University –</i>	Visvesvaraya Technological University, Belgavi.\