

1.	NAME	:	Dr. B. SURESH. M.Sc., Ph.D. MISTE.
2.	DESIGNATION	:	Assistant Professor Department of Civil Engineering/Environmental Science & Technology Study Centre Phone: (08192) 221461 (O) Cell : 9449242490 Fax : (08192) 221854 E-mail: drbssmg@gmail.com
3.	DATE OF BIRTH	:	24 th February 1977.
4.	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)
5.	POSITION HELD	:	<ul style="list-style-type: none"> • 2-8-2013 Asst. Prof. & Dept. of Civil Engineering • 9-2-2003 Lecturer in Environmental Studies Presently Working: <ul style="list-style-type: none"> ➤ as Assistant Professor in <i>Bapuji Institute of Engineering & Technology, Davangere</i> from 9th February 2009 till date for Undergraduate students and M Tech Environmental Engineering.
6.	VISITING FACULTY	:	Worked: <ul style="list-style-type: none"> ➤ as a Visiting Lecturer in Chanakya Institute of Advanced Management Studies (CIAMS), Davangere for the period of three years (2009 – 2012). ➤ As a visiting Lecturer in Bapuji Hi-tech Education for the period of one year (2012) ➤ as a Research Scholar in Bapuji Institute of Engineering & Technology, Davangere under River Water Quality National River Conservation Project (NRCP), New Delhi for the period of six years (2003 - 2009). ➤ 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. ➤ 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). ➤ 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).

	VISITING FACULTY	:	<ul style="list-style-type: none"> ➤ 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. ➤ 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. ➤ 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). ➤ 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 & Sanitation Project, Karnataka for the period of two years (2001 – 2002) on part time base.
7.	FIELD OF SPECIALIZATION	:	<ul style="list-style-type: none"> • Ecology and Biodiversity • Occupational Safety and Health • Environmental Impact Assessment • Industrial Waste Water Treatment • Environmental chemistry • River Water Quality Monitoring • Environmental Pollution and Monitoring, • Ground Water Quality, • Instrumental Methods of Analysis • Solid Waste Management • Water Resources Management
8.	EXPERIENCE	:	Total 12 years of Research & Development, Testing & Consultancy for institution and industries. Teaching & Training for Under Graduate and Postgraduate students.
9.	FELLOW / MEMBER OF PROFESSIONAL BODIES	:	<p>Fellow</p> <ul style="list-style-type: none"> ➤ Bose Science Society (BSS), F28/BSS/2011 Arimalam - 622201, Pudukkottai District, Tamilnadu, India <p>Life member</p> <ul style="list-style-type: none"> ➤ Indian Society for Technical Education (ISTE), New Delhi (LM77034) ➤ National Environmental Science Academy (NESA), New Delhi (LM1590) ➤ Bose Science Society (BSS), Tamil Nadu, India (LM28) ➤ Institute of Scholars (InSc), Karnataka Zone (InSc20191F60). <p>Member</p> <ul style="list-style-type: none"> • Global Society for Health and Educational Growth (GSJEG), New Delhi during 2017-2018
10.	ACADEMIC ACTIVITIES AND ACHIEVEMENTS		<p>Recognized as</p> <ul style="list-style-type: none"> • Guide in the field Environmental Science and Engineering of Visvesvaraya Technological University, Belgaum

11.	OTHER ACHIEVEMENTS	<p>About 40 Research Papers published in the area of water quality, soil quality and noise quality estimation of Environmental fields. (National and International Journals, seminars & symposia).</p> <ul style="list-style-type: none"> • Advisory Committee Member, for “International Conference on recent Advances in Civil and mechanical Engineering Practices, ICRAEMEP-2018” which is held from 2nd to 3rd November 2018, Organized by Vasireddy Venkatadri Institute of Technology, (VVIT) and Institute for Engineering Research and Publication (IFERP), Nambur (V), Guntur (Dt), Andra Pradesh – 522 508. • Editorial Board Member for International Journal of Research and Innovation in Applied Science, ISSN No. 2454-6194 (www.ijrias.org/EditorialBoard.html). • Organizing Member, for faculty development programme on “Sustainable Development through Sugar industries” which is held from 28th July to 31st July 2013 sponsored by VTU-VGST, Bangalore. • Organizing Member, for Faculty Development Programme on Re-engineering of Environmental Impact Assessment Process (REIAP) held on from 5th to 7th March 2011. • Organizing Member, for 60th Annual Conference of Association of Occupational Health held from 26th and 27th June 2010. • Organizing Member, for Short Term training programme for “Industrial Pollution Control” held from 16th to 20th June 2008 sponsored by AICTE, New Delhi
	Ph.D thesis abstract	<p>* Ph.D. Topic “STUDIES ON THE ROLE OF BIOINDICATORS IN THE WATER SYSTEM OF TUNGABHADRA RIVER NEAR HARIHAR TOWN”</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>
20.	OTHER ACTIVITIES Analytical Skills	<p>: Handling of sophisticated analytical instruments like</p> <ul style="list-style-type: none"> • High Pressure Liquid Chromatography (HPLC) with RI and UV Visible Detectors • Gas Chromatography (GC) (FID, TCD, and ECD Detectors) • Atomic Absorption Spectrophotometer (AAS) • UV-Spectrometer (UVS) • Flame Photometer • Flue Gas Analyzer

9.	MEMBER OF ACADEMIC BODIES	: Member of 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).
11	ACADEMIC ACTIVITIES AND ACHIEVEMENTS	Recognized as i. Member Editorial Committee International Journal of Research and Innovation in Applied Science, ISSN No. 2454-6194, India: Level 9, Unit No. 901, Spaze i-Tech Park, A1 Tower, Sector-49, Sohna Road, Delhi-NCR, Gurgaon- 122018, India (2018). ii. Certificate of excellence in peer-reviewing in recognition of an outstanding contribution to the quality of the Journal. (1) Uttar Pradesh Journal of Zoology (2) Sciencedomain International Paper Reviewed 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. ii. Species Specific activity of Digestivs 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. 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.
		Invited Speak 1. Give a Talk on “Plastic on Environment” on 26 th September 2019 on the occasion of Swach Bharath Programme organized by College of Dental Science, Davangere, Karnataka 2. Give a Talk “Parisara Jagruthi” on 3 rd November 2016 on the occasion of University level Debate, Essay writing and Prisara Jagruthi organized by Makanur Malleshappa Educational Institute, Anubhava Mantapa, Davangere, Karnataka 3. Attended as Judge for Science Exhibition Competition at Smt. Boosnur Mangalagowri Shivayogi memorial school, S. S. layout Davangere on 10.12.2016 4. Give a talk on “Environment-Analytical Chemistry” in Govt. First Grade College, Harihar on 7 th April 2015. 5. Give a talk on “Importance of World Environment Day” in Makanur Malleshappa Educational Institute, Davangere on 30 th September, 2014.

12.	SANCTIONED STUDENT PROJECTS	<p>5 under Graduate student projects (KSCST & BIO-FUEL BOARD) Project Work Sanctioned and Completed</p> <ul style="list-style-type: none"> ➤ An Experimental investigation on removal of dyes and COD from textile waste water using functionalized Lignocellulosic material. Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year 2015-2016 (39th Series). ➤ An Experimental investigation on Evaluation of Kinetic Parameters Co-efficient for the Treatment of Distillery waste using activated sludge process Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year 2014-2015 (38th Series). ➤ Development of Mathematical Models for Removal of Nitrates from Waste Water Sponsored by Karnataka State Council for Science and Technology, Bengaluru under Student project Programme (SPP) during the year 2014-2015 (38th Series).
14.	ACADEMIC PROGRAMMES GUIDED/ SUPERVISED	<ul style="list-style-type: none"> i. Number of Ph.D Students working : 02 ii. Number of M. Tech Degree Awarded : 20 iii. No. of students working for M.Tech Projects : 03 <p>Attended 11 National, International, Conferences /Symposium/Seminars.</p> <ul style="list-style-type: none"> • 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. • 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. • 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 28th, 29th, and 30th November 2009. • 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 22nd to 24th December 2008. • “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 13th to 15th, 2006.

		<ul style="list-style-type: none"> • Ecological status of Tungabhadra River with reference to discharge of Industrial effluent near Harihar, Karnataka, India. 4th International conference of the <i>Aquatic Ecosystem Health and Management Society</i>, held at Nanjing-Hangzhou, China. November 27th to 30th 2005. • Studies on the Seasonal variation of Phytoplankton in Tungabhadra River near Harihar – Karnataka. International Conference on “<i>Environmental Management (ICEM-2005)</i>” at center for Environment, IST, Jawaharlal Neharu Technological University, kukatpally, Hyderabad (A.P), India on 28th to 30th October 2005. • Studies on Enviro-Ecological Status of Tungabhadra River Near Harihar, Karnataka UGC Sponsored State Level Conference on “<i>Environmental Pollution & Management – Future Challenges</i>” held at JSS College of Arts, Commerce and Science College on 4th and 5th October 2004. Sponsored by UGC. • Studies on the Water Quality Index of river Tungabhadra near Harihar - Karnataka UGC Sponsored National Level Seminar on “<i>Recent Trends in Analytical Techniques in Monitoring the Environment</i>” held at Dharma Apparao College, Nuzvid, Krishna District, AP. on 19th, 20th, and 21st October 2005. Sponsored by UGC. • Phytoplankton and Macrophytes Composition in lotic Aquatic Ecosystem National Conference on “<i>Environmental Pollution Control & Repercussions</i>” held at University of B.D.T college of Engineering, Davangere on 4th and 5th October 2004. Sponsored by ISTE, Karnataka Section and Kuvempu University. • Distribution Pattern of Algal flora affected by the effluent released from polyfibers factory International Conference on “<i>Water and Health</i>” held at JSS Research foundation, SJCE, Mysore on 22nd and 23rd January 2005. <p>Attended 11 Workshops Sponsored by various Agencies.</p> <ul style="list-style-type: none"> • 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 28th September 2018. • 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 28th October 2015. • One day UGC sponsored one day National Seminar on “Modern trends in Genetics, Molecular biology”. Organized by Government First Grade collage, Davangere on 3rd October 2015.
--	--	---

		<ul style="list-style-type: none"> • One day National Seminar on “Water and Economics” organized by Govt. First Grade Collge and P G Centre, Davangere on 19th February 2013. • 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 19th February 2013. • Two Day Conference on 60th 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 26th and 27th June 2010. • One day workshop on EPA Method 1311 – TCLP (Toxicity Characteristic Leaching Protocol) organized by Millipore India Pvt. Ltd., Bangalore on 5th December 2009. • One day National Seminar on “<i>Educational Scenario of the 21st century</i>” organized by Bapuji Educational Association at A. V. Kamamma College for Women, Davangere, Karnataka held on 3rd February, 2007. • Three days National Seminar on “<i>Recent Trends in Analytical Techniques in Monitoring the Environment</i>” organized by Dept of chemistry, D. A. R. College, Nuzvid – 521 201, Krishna District, Andra Pradesh held on 19th to 21st October 2005. • One day Workshop on “<i>Water & Waste Water Management in Urban Areas</i>” Organized by Dept of Civil Engg, Bapuji Institute of Engg & Technology, Davangere, held on 18th June 2004. • Two days workshop on “<i>Solid Waste Management in Urban Areas</i>” Organized by Department of Chemistry & Environmental Science & Technology Study Center, Bapuji Institute of Engineering & Technology, Davangere, Karnataka held from 11th & 12th June 2004. • One day National Seminar “<i>Drinking water Quality and Safety Management</i>” Organized by Department of P. G. Studies & Research in Environmental Science, Jnana Sahyadri, Shankaragatta Shimoga Dist, Karnataka.
14.	AWARDS / PRIZES / CERTIFICATES ETC	<ul style="list-style-type: none"> ➤ YOUNG ACHIEVER AWARD for research paper published in reputed International Journals for the year 2019 by Institute of Scholars, Department of Awards, #1338, 2nd Cross, 7th Block Sir M V Layout, Muddhinapalya Bengaluru-560091, Karnataka, India. ➤ BHARAT SHIKSHA RATAN AWARD for Individual contribution towards Economic Growth and Social Development by Global Society for Health & Educational Growth and The economic for Health and Educational Growth, New Delhi on 7th October 2017.

		<ul style="list-style-type: none"> ➤ SUNDERLAL BAHUGUNA YOUNG SCIENTIST AWARD for Valuable service and contribution to Environmental Science for the year 2011, by BOSE Science Society, Arimalam - 622201, Pudukkottai District, Tamilnadu, India. ➤ 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 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 38th Series).
16.	PROFESSIONAL TRINING PROGRAMME ATTENDED	<ul style="list-style-type: none"> • Faculty development Programme on “Sustainable Development through Sugar Industries” (SDSI-2013) organized by Department of Civil Engg, Bapuji Institute of Engg & Technology, Davangere, Karnataka Sponsored by VTU-VGST, Bangalore from 28th July 31st July 2013. • 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 13th to 27th June 2011. • Faculty Development Training programme on Environmental Science & Engineering. Organized by Department of Rubber & Plastic Technology, MIT Campus, Anna University Chennai from 14th to 20th December 2009. • Training programme on “<i>Industrial Pollution Control</i>” organized by Bapuji Institute of Engineering & Technology, Dept. of Chemistry, Davangere – 577 004 Sponsored by AICTE-ISTE, New Delhi from 16th -20th June 2008. • Training programme on “<i>Recent Trends in Analytical Instrumentation</i>” organized by Bapuji Institute of Engineering & Technology, Dept. of Chemistry, Davangere – 577 004 Sponsored by AICTE-ISTE, New Delhi from 30th August to 3rd September 2004. • Training Programme on “<i>Chromatographic Analysis</i>” organized by Govt. of India/Ministry of Labour, Advanced Training Institute, Chennai - 600 032 from 29th December 2003 to 2nd January 2004.
17.	OTHER ASSIGNMENTS Associated in the Preparation of Environmental Impact	<ul style="list-style-type: none"> • M/s Hemarus Technology Limited. Hudalli Village Belgaum Taluka & Dis. • M/s Shamanur Sugars Limited, Duggavathi. Harpanahalli Tq, Davangere Dist

	<p>Assessment reports for the following industries.</p>	<ul style="list-style-type: none"> • M/s. Samson's Distilleries Private Limited, Duggavathi, Harpanahalli Tq, Davangere Dist. • M/s Universal Bottles Limited, Nelamangala, Banagalore. • M/s Indian Cane Power Limited, Uttur, Mudhol Tq, Belgaum Dist. • Shri. Renuka Sugars, Belgaum, units at Havalaga, Athani and Monoli. • M/s Sovereign Distilleries Limited, Singapur, Sindhanur Tq, Bijapur Dist • M/s. Core Green Sugars & Fuels Pvt. Ltd, Hyderabad, • Kalyani Steels Limited, Ginigera, Koppal Tq & Dist. • Hospet Steels Limited, Ginigera, Koppal Tq & Dist. • Karthik Agro Industries Private Limited., Huligeri, Badami Tq , Bagalkot Dist. • GEM Sugars Limited, Kundargi, Bilagi (T) Bagalkot (D) • Chamundi Distilleries Private Limited., Maliyur, T.N.Pura Tq, Mysore Dist. • S. S. Institute of Medical Science & Hospital, Davangere
<p>18.</p>	<p>EIA REPORTS PREPARED</p>	<ul style="list-style-type: none"> • M/s. Shamanur Sugars Limited, Duggavathi, Harpanahalli Tq, Davangere dist. • M/s. Sovereign Distilleries Limited, Singapur, Sindhanur Tq, Bijapur Dist. • M/s. Core Green Sugars & Fuels Pvt. Ltd, Hyderabad, • M/s. Chamundi Distilleries Private Limited., Maliyur, T.N.Pura Tq, Mysore Dist. • M/s. Karthik Agro Industries Private Limited., Huligeri, Badami Tq , Bagalkot Dist. • S. S. Institute of Medical Science & Hospital, Davangere Dist. • M/s. Kumar Organic Products Limited., Phrmaceuticals SEZ Hasan Industrial Area, Shantigram, Hasan Taluk & District, Karnataka State.

19.	PROJECT ASSISTANT/ ASSOCIATES Projects Completed	: <ul style="list-style-type: none"> • Ambient Air Quality Monitoring At Harihar & Davangere Towns [1998-2002] Sponsored by Ministry of Ecology & Environment. Govt. of Karnataka (4 years). • Study of Water Quality in Davangere District [1998-99] Sponsored by Ministry of Ecology & Environment. Govt. of Karnataka. • Water Quality Monitoring Under Jananirmal Project, from MDP Consultant, New Delhi. • 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) • “Optimization of Bio-methanation process for High TDS spent wash from Distilleries” year 2007 – 2008. • “Design and optimization of Biomethanation for high TDS spent wash from Olio resin extraction of Agro bio-chem Industries” year 2008–2009. • All India Council for Technical Education, New Delhi under MODROBS “Modernization of Removal of Obsolescence in Atmospheric Science & Engineering Laboratory” 2012 - 2013.
-----	--	--

22. THE DETAILS OF RESEARCH PAPERS PUBLISHED:

1. Maradi Sangrama Nayaka, T. Suresh and S Manjappa and **Suresh B.** Cyclic Variation in Physico-Chemical Characteristics in Groundwater Quality of Hospate Taluk, Bellary District Karnataka, India. Studia Rosenthaliana (Journal for the Study of Research). ISSN NO: 1781-7838.
2. S Manjappa B Vijaya, M.Ravikumar, and **B Suresh.** Appraisal of Ground water Quality using Ground Water Quality Index near Jagalur Taluk Davangere District, Karnataka State. International Journal of Research in Pharmaceutical and Nano Sciences. 9(1), 2020, 7-13. ISSN:2319-9563.
3. Suresh.B. Appraisal of Cyclic Dissimilarity and Seasonal Changes of the Phytoplankton in Tungabhadra River Near Harihara-Karnataka. Asian Journal of Advanced in Research, 2(1), 2019, pp. 9-17.
4. M.Ravikumar, B Vijaya, S Manjappa and **B Suresh.** Studies on Environmental Status of Bagali Tank Near Harpanahalli, Bellary District, Karnataka (India), Aisan Journal of Advanced Research and Reports. 10(2), pp.28-35, 2020, online ISSN:2582-3248, DOI:10.9734/AJARR/2020/v10i230239.
5. Thotappaiah, D. M., T. Suresh, Manjappa S, and **Suresh B.** Studies on Cyclic Variation in Ground Water Quality of Sandur Taluka, Bellary District, India: A Cation, Anion Balance and Statistical Approach, GSJ: Volume 7, Issue 7, July 2019, pp. 1415-1427. Online: ISSN 2320-9186.

6. Apsara S.C, M.N. Shivakumar and Suresh B. Seismic Analysis of Multi-Storeyed Buildings with Floating Columns-A Comparative Study. International Journal of Latest Engineering Research and Applications (IJLERA), Volume –04, Issue – 07, **July 2019**, PP –01-10. **ISSN: 2455-7137**.
7. Thotappaiah, D. M., T. Suresh, Manjappa S, and **Suresh B**. Appraisal of water quality and hydrochemistry of groundwater quality classification for drinking and irrigation in and around Sandur Taluks, Bellary District, India, *IJREA&M*, **Feb 2019**, Vol 04, Issue 11, pp-419-422, **UGC Approved Journal, ISSN: 24549150**.
8. Maradi Sangrama Nayaka, T. Suresh, Manjappa S and **Suresh B**. Seasonal Distribution of Fluoride level in Ground Water Hospate Taluk, Bellary District Karnataka, India and its Suitability Assessment for Drinking Purposes, *IJSRST*, **March 2018**, Volume 4, Issue 5, PP : 1118-1124, Print ISSN: 2395-6011.
9. **Suresh B** and Sanjay S Kalal. The Effects of Noise on Learners at Selected School in and Around Dharwad City: A Review, *International Journal of Scientific Engineering and Technology*, Volume No. 7, Issue No. 9, PP : 90-93, **September 2018, ISSN : 2277-1581**
10. **Suresh B** and Sanjay S Kalal. Assessment of Noise Pollution Level and Associated Impacts at Schools in Dharwad City, Karnataka State, *International Journal of Latest Engineering and Management Research (IJLEMR)*, Volume 03, Issue 08, PP. 30-34, August **2018, ISSN: 2455-4847**.
11. Thotappaiah, D. M., T. Suresh, Manjappa S, Harshavardhana A, **Suresh B**. Appraisal of Underground Water Quality and Water Quality Index in Sandur Taluk of former capital of Vijayanagara Empire, Karnataka, India. *World Wide Journal of Multidisciplinary Research and Development*, **2017**; 3(9): 272-277. **UGC Approved Journal Impact Factor MJIF: 4.25 e-ISSN: 2454-6615**.
12. Manjappa, S., D. M. Thotappaiah, H. R. Bharathi, **B. Suresh**. Seasonal Dissimilarities In Species Composition, Diversity And Population Dynamics Of Phytoplankton In Daroji Lentic Artificial Water Tank, Hospet Taluk Karnataka (India), *International Journal of Research in Pharmaceutical and Nano Sciences*. 6(3), **2017**, 125 – 133, **ISSN: 2319 – 9563**.
13. Mallanagoud, G., S. Manjappa, T Suresh, **Suresh B**. Studies on Environmental Status of Some Selected Surface Water Tanks in and Around Hospet City, Karnataka (India) Using Phytoplankton, *International Journal for Science and Research in Technology (IJSART)*, Volume 3 Issue 2, **Feb-2017**, 259-265, **ISSN [Online]: 2395-1052 (Impact Factor : 4.284)**.
14. Dhruva R and **Suresh B**. An Investigation of Effect of Natural coagulant (Tulsi) for reduction of pH, Turbidity and COD from sewage water. *International Research Journal of Engineering and Technology (IRJET)*, Volume, 03 Issue, 07, **July-2016**, pp. 759-762. e-ISSN: 2395 -0056 and p-ISSN: 2395-0072. (**Impact Factor value: 4.45**). *UGC recognized Journal Number: 45170*.
15. Bharathi, H. R., S. Manjappa, T Suresh and **Suresh B**. Evaluation of Water Quality Index of Water bodies Channarayapatna Taluk, Karnataka Region, India. *International Journal of applied Sciences and Biotechnology*, Vol, 4 (4), **2016**, pp. 475-482. ISSN (online): 2091-2609. *UGC Recognized Journal Number: 45498*.
16. Manjappa, S., Bharathi, **Suresh B** and G Mallanagouda. Assessment of surface water quality of channarayapatna in Hassan district, Karnataka with reference to trophic status. *International Journal of research in Pharmaceutical and Nano Sciences*, 5(6), **2016**, pp. 305-313, ISSN: 2319-9563. *UGC Recognized Journal Number: 47755*.
17. Mallanagouda, G., Manjappa S and **Suresh B**. Hydrochemistry of Fresh surface water (Tanks) in Hospet City (India) based on Water Quality Index (WQI). *International Journal of Science Technology and Engineering*, Vol, 3, issue 03, **September 2016**. ISSN 2349-7842, **Scientific Journal Impact Factor: 4.753**.

18. Thotappaiah, D. M., T Suresh, S Manjappa and **Suresh Basava**. Application of Statistical Analysis to Understand the Trace Metal Contamination in Drinking Water of Sandur and Its Surrounding, Bellary District (India). **International Journal for Scientific Research and Development**, 4.7, **2016**, pp. 506-510, ISSN (online): 2321-0613. **UGC Recognized Journal Number: 48934**.
19. Thotappaiah, D. M., T. Suresh, Manjappa S, and **Suresh B**, Seasonal dissimilarity of trace metals in Groundwater Quality of Sandur Taluk, Bellary District (India) by Descriptive Analysis and Similarity Index, **International Journal of Innovative Studies in Sciences and Engineering Technology (IJISSET)**, Volume: 2, Issue: 6, June **2016**, pp. 1-5, ISSN 2455-4863 (Online), **ISRA Journal Impact Factor : 0.229**.
20. Asharani and **Suresh B**, Appraisal Of Ambient Air Quality Status In Harihara Town Of Davangere District Using Ambient Air Quality Index (AAQI), **World Journal of Pharmacy and Pharmaceutical Sciences**, Volume 5, Issue 6, **2016**, 2141-2149, ISSN 2278-4357. **Scientific Journal Impact Factor: 6.647. UGC Recognized Journal Number: 48793**.
21. Thotappaiah, D. M., T. Suresh, Manjappa S and **Suresh B**. Appraisal of Physico—Chemical Parameters in Groundwater Quality for Drinking Purposes in Sandur Taluk Bellary District, **International Journal of Research in Engineering and Advanced Technology**, Volume 4, Issue 4, **Aug - Sept, 2016**, pp. 8-14, ISSN: 2320-8791, **Impact Factor: 2.317. UGC Recognized Journal Number: 64742**.
22. Bharathi H. R, Manjappa. S and **Suresh B**, Studies on the Physico-Chemical Characteristic and Nutrients in Janivara Water Body of Channarayapatna Taluk, Hassan District, Karnataka, India. **International Journal of Environmental Pollution and Control Research**. Vol. 2, No. 01, pp. 1-6, **2016**. ISSN: 2454-7573 (online).
23. Naik V K and **Suresh B**, Assessment of Ground Water quality Outside Belgaum City, Karnataka State, India. **Journal of Multidisciplinary Engineering Science Studies**. Vol. 1, issue 1, **2015**. pp. 85-89. ISSN: 2912-1309. **Impact factor (2015-2016): 0.72**.
24. Vinay Atgur, **Suresh B** and Manavendra. G Experimental Investigation of Thermal Conductivity of the Liquids by Guarded Hot Plate Method, **International Journal of Innovative Research in Science, Engineering and Technology**, Vol. 4, Issue 11, **2015**. P-ISSN: 23476710 and e-ISSN: 2319-8753. **UGC Recognized Journal Number: 48027**.
25. Bharathi H. R., Manjappa. S and **Suresh. B**. Review of Some Physico—Chemical and Nutrients status of Bagur water body Channarayapatna Taluka, Hassan District, Karnataka, India. **International Journal of Latest Trends in Engineering and Technology (IJLTET)**, Vo.06, issue 2, pp. 331-339, **Nov, 2015**. ISSN: 2319-3778 (print). **Global Impact Factor - 0.685**.
26. Vinay Atgur, **Suresh B** and Manavendra.G. Analogy between the Thermal Conductivity and Electrical Conductivity for Common Liquids. **International Journal of Inventions in Engineering & Science Technology, (IJIEST)**, Jan-Dec, **2015**, Vol. No. 1. P-ISSN: 2454-8111. **UGC Recognized Journal Number: 42551**.
27. **Suresh. B.**, Appraisal of Distinctiveness of Physico-Chemical Parameters in Tungabhadra River near Harihar, Karnataka (INDIA), **International Journal of Institutional Pharmacy and Life Sciences**, 5(3), pp52-59: May-June **2015**, (ISSN): 2249-6807.
28. **Suresh. B.**, Multiplicity of phytoplankton diversity in Tungabhadra River near Harihar, Karnataka (India). **International Journal of Current Microbiology and Applied Sciences**. **2015**. 4(2): 1077-1085. ISSN: 2319-7706 , **UGC Recognized Journal Number: 44421**.
29. Bharathi H. R., Manjappa. S and **Suresh. B**. Use of water quality index to validate lentic ecosystem pollution and seasonal dissimilarity at Channarayapatna taluk, Hassan district, Karnataka, India. **Advances in Applied Science Research**, **2014**, 5(1):97-102. **ISSN: 0976-8610, Impact Factor: 3.5 (5 Years Journal Impact Factor)**.

30. Kalpana. G. R., Naragarajappa. D. P, Sham Sundar. K. M and **Suresh. B.** Determination of Groundwater Quality Index in Vidyanagar, Davanagere City, Karnataka State, India. **International Journal of Engineering and Innovative Technology (IJEIT)** Volume 3, Issue 12, June **2014**.
31. Bharathi H. R., Manjappa. S and **Suresh. B.** Use of water quality index to determine suitability and seasonal dissimilarity of water bodies in Hassan, Karnataka, India. **Journal of International Academic Research For Multidisciplinary.** Volume 2, Issue 4, May **2014**. ISSN: 2320-5083.
32. Bharathi H. R., Manjappa. S and **Suresh. B.** Physico-chemical parameters of Anekere Water body Hassan district (Karnataka). **International Journal of Pharmacy & Life Sciences.** 4(12): Dec., **2013**. ISSN: 0976-7126.
33. **Suresh B.,** Manjappa S. and E. T. Puttaiah. Dynamics of phytoplankton succession in Tungabhadra River near Harihar, Karnataka (India). **Journal of Microbiology and Antimicrobials [JMA],** JMA-10-031 Vol. 5(7), pp. 65-71, July, **2013**. ISSN 2141-2308.
34. Bharathi H. R., Manjappa. S and **Suresh. B.** Appraisal of Water Quality of Lentic Water Body in Hassan District, Karnataka With Respect to Trophic Status. **Journal of Research in Ecology (JRE),** Vol. 1(2), 052 -059, **2013**. ISSN: 2319 -1546.
35. Aravinda. H. B., Tirumala. S., Suresh. S., Puttaiah, E. T., Manjunatha, H and **Suresh B.** Diurnal Variation In water quality of Kundawada Lake, in Davangere district, Karnataka India. **Indian Journal of Environmental Protection (IJEP).** Vol. 32, No. 9, 768-771, **2012**. ISSN: 0253-7141.
36. **Suresh B.,** Manjappa S. and E. T. Puttaiah. Seasonal Variation of Phytoplankton in Tungabhadra River near Harihar-Karnataka. **Research Journal of Biological Sciences, RJBS, (Medwell journals).** Vol. 6 (2) 65-68, **2011**. ISSN: 1815-8846.
37. **Suresh B.,** Manjappa S. and E. T. Puttaiah. Phytoplankton Dynamics and Seasonal Variation in Tungabhadra River, India. **International Journal of Water Resources and Environmental Engineering (IJWREE),** Vol. 3(14), 70-379, **2011**. ISSN 1991-637.
38. **Suresh B.,** Manjappa S. and E. T. Puttaiah. Multiplicity of phytoplankton in Tungabhadra River near Harihar, Karnataka (India). **An international Journal of Research in Biology (JRB),** Vol.1, No. 2, 1-8, **JRB, 2011**. ISSN: 2231- 6299.
39. **Suresh B.,** Manjappa S. and E. T. Puttaiah. The contents of zooplankton of the Tungabhadra River near Harihar, Karnataka and the saprobiological analysis of water quality. **Indian Journal of Ecology and the Natural Environment (JENE),** Vol. 1(9), 196-200, **2009**. ISSN: 2006-9847.
40. **Suresh B.,** Manjappa S. and E. T. Puttaiah. Studies on Environmental status of Tungabhadra River near Harihar, Karnataka (India). **Journal of Aquatic Biology (JAB),** Vol. 23(2), 67-72, **2009**. ISSN: 0971-4235.

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.
2. “Phytoplankton Dynamics and seasonal Variation in Tungabhadra River near Harihar, Karnataka of India”. **Water and Economics-2013,** Vol. 1 (07), 85-101, **2013**. ISBN: 978-93-83183-16-6.

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 11th and 12th 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.
3. "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 on 2013
4. "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 28th, 29th, and 30th November 2009.
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 22nd to 24th 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 13th to 15th, 2006.
7. Ecological status of Tungabhadra River with reference to discharge of Industrial effluent near Harihar, Karnataka, India. 4th International conference of the *Aquatic Ecosystem Health and Management Society*, held at Nanjing-Hangzhou, China. November 27th – 30th 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 28th to 30th 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 22nd and 23rd 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 29th and 30th 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 19th, 20th, and 21st 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 4th and 5th October 2004. Sponsored by ISTE, Karnataka Section and Kuvempu University.

Seminars/ Conference/ Workshop Attended:

1. 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 14th November 2015 at Bapuji Institute of engineering & Technology Davangere
2. 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 28th October 2015.

3. One day UGC sponsored one day National Seminar on “**Modern trends in Genetics, Molecular biology**”. Organized by Government First Grade collage, Davangere on 3rd October 2015.
4. **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 28th February 2015.
5. Three days **7th 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 26th to 28th December 2014.
6. One day National Seminar on “**Water and Economics Development**” organized by Govt. First Grade College and P G Centre, Davangere from 15th to 16th February 2013.
7. 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 19th February 2013.
8. Two Day Conference on 60th 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 26th and 27th June 2010.
9. One day workshop on **EPA Method 1311 – TCLP (Toxicity Characteristic Leaching Protocol)** organized by Millipore India Pvt. Ltd., Bangalore on 5th December 2009.
10. One day National Seminar on “**Educational Scenario of the 21st century**” organized by Bapuji Educational Association at A. V. Kamamma College for Women, Davangere, Karnataka held on 3rd February, 2007.
11. 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 19th, 20th and 21st October 2005.
12. 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 18th June 2004.
13. 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 11th & 12th June 2004.
14. 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.

Professional Training Programmes Undertaken:

1. 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 on “**Effective Teaching**” organized by the Bapuji Institute of Engineering and Technology, Davangere, Karnataka, India from 15th July 2019 to 19th July 2019.
2. Tier II Training Course on “**Ground Water Development and Management**” 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 12th to 14th September 2017 at Bapuji Institute of Engineering & Technology, Davangere, Karnataka.

3. ISTE-STTP on “**Environmental Studies**” conducted by Indian Institute of Technology, Bombay under the National Mission on Education through ICT (MHRD) from 02nd to 12th June 2015 at U B D T College of Engineering, Davangere.
4. TEQIP II Sponsored one week Short Term Training Programme on “**Environmental Forensics**” jointly organized by the Department of Civil Engineering, NIT, Calicut and Department of Civil Engineering, IIT Delhi from 6th to 12th July 2014 at NIT Calicut.
5. QIP-STTP on “**Modelling approaches for free surface flow and water quality management**” organized by Department of Civil Engineering IIT Madras during 18th – 23rd November 2013. Sponsored by All India Council for Technical Education (AICTE), New Delhi
6. Faculty development Programme on “**Sustainable Development through Sugar Industries**” (SDSI-2013) organized by Department of Civil Engineering, Bapuji Institute of Engineering & Technology, Davangere, Karnataka Sponsored by VTU-VGST, Bangalore from 28th July 31st July 2013.
7. Staff Development Programme on “**Integrated development of small and medium Towns- A Holistic approach using Remote Sensing**” (IDSMT-2011) Organized by Department of Civil Engineering, Adhiyamaan College of Engineering (Autonomous) Hosur, Tamilnadu Sponsored by AICTE-ISTE New Delhi from 13th to 27th June 2011.
8. Faculty Development Training programme on **Environmental Science & Engineering**. Organized by Department of Rubber & Plastic Technology, MIT Campus, Anna University Chennai from 14th to 20th December 2009.
9. Training programme on “**Industrial Pollution Control**” organized by Bapuji Institute of Engineering & Technology, Dept. of Chemistry, Davangere – 577 004 Sponsored by AICTE-ISTE, New Delhi from 16th -20th June 2008.
10. Training programme on “**Recent Trends in Analytical Instrumentation**” organized by Bapuji Institute of Engineering & Technology, Dept. of Chemistry, Davangere – 577 004 Sponsored by AICTE-ISTE, New Delhi from 30th August to 3rd September 2004.
11. Training Programme on “**Chromatographic Analysis**” organized by Govt. of India/Ministry of Labour, Advanced Training Institute, Chennai - 600 032 from 29th December 2003 to 2nd January 2004.

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

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

<i>Name of Research Scholar</i>	Mrs. Madhu Jalaki
<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”
Registration Date	2019
Institute – University –	Visvesvaraya Technological University, Belgavi.