

Curriculum Vitae

Personal Details

Name : Mr. Shivakumar B.P
Profession : Environmental Engineering
Present Designation : Assistant Professor
Present Firm : Sri Jayachamarajendra College of Engineering
Nationality : Indian
Languages known : Kannada, English, Hindi
Contact Number : 9740146406
E-mail : shivakumar.env@gmail.com / shivakumar.env@sjce.ac.in

Education : **Master of Technology: Environmental Engineering**
From **Sri Jayachamarajendra College of Engineering**, Mysore, 2005-2007. Passed with First Class with Distinction.

Bachelor of Technology: Environmental Engineering
From **Sri Jayachamarajendra College of Engineering**, Mysore, 1999-2003. Passed with First Class with Distinction

SUMMARY:

- M.Tech. (Environmental Engineering) from **Sri Jayachamarajendra College of Engineering, Mysore** with more **than 8 years** of experience in industry and consultancy services in the field of Water and Wastewater and more than **10 Years** of experience in academics.
 - Presently associated with Sri Jayachamarajendra College of Engineering, as Assistant Professor, Department of Environmental Engineering, SJCE, Mysore.
 - Having experience of working with advanced softwares (like SewerCad, WaterGems) related to water supply network design and sewer network design.
 - Undergone **Lead Auditor: Environmental Management Systems (EMS) ISO 14001:2004 Course** conducted by **SJCE-STEP Mysore**.
 - Undergone Training on **Safety and Security of Environmental Facilities** conducted by **TEQIP at SJCE, Mysore**.
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Experience:

- **Having total experience of more than 8 years in Industry and Consultancy**

Having experience in the field of environmental engineering, covering the areas of water and wastewater, involving in the preparation of feasibility reports, concept report, DPR which includes design of water supply Schemes, sewerage & schemes, process design for STPs & WTPs, Preparation of tender documents and Evaluation of tender, preparation of Initial Environmental Examination (IEE) Report, Environmental Impact Assessment (EIA) Report. Conversant with various software's related to water supply & sewerage schemes. Conversant with Indian Standard-code of practices related to water, wastewater & air pollution control and design standards and also have experience in Operation and Maintenance of WTP, STP, ETP, Production Control, Trouble shooting, analysis of Raw & Treated Water, Quality control and attending technical discussions, getting Consent for Establishment (CFE), Consent for Operation (CFO) from Karnataka State Pollution Control Board

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(KSPCB), Environmental Clearances from Department of Ecology and Environment (DEE), Government of Karnataka (GoK) and Monitoring the Safety aspects and as Environmental Consultant to Preparation EIA/EMP, with conceptual plan for projects attracting Environmental clearances as per EIA notifications 2006, Liaison work towards seeking Consent to Operate, Consent to Establish from State and Central Pollution Control Boards, Conducting Environmental Monitoring and preparation of EMP plan for the industries Technical Capability as Quality Manager in Environmental Laboratory.

- **Planning Phase** : Design of Water Distribution Network using Water Gems V8 XM Software, also designs and drawings of Jackwell, pumping Stations, GLSR, ELSR and Process & Hydraulic Design of Water Treatment Plant (Conventional Treatment with Tube Settler), Preparation of Process flow sheet & Line diagram and Hydraulic flow diagram, structural drawings of Water Treatment Plants, and also preparation of DPR, involve in attending Technical Committee meeting for approval of DPR and preparation of BOQ and Evaluation of tender documents.
- **Execution Phase** : Quality management & Supervising the work, monitoring and mobilization of the work, Execution of the work progress for Water Supply and Sewage projects i.e inspection of Manholes chamber , laying of Sewer line works and water pipe lines as per design, reviewing of design, checking the Levels of pipe lines as per design statement, Preparation of detailed monthly progress and financial reports, Quantity Surveying, Planning and preparation of work schedules, Monitoring of work progress in timely basis and Implementation of Environmental safeguards measures .
- Four lanning of cuddapah kurnool section from chainage Km. 167.750 Km To 356.502 (1880.752 Km Length) OF NH-18 In State of Andhra Pradesh as **Environmental Expert**.
- **Consultancy services for Preparation of Environmental Impact Assessment for Sponge Iron Plant at Hospet**. In this Project involves Assessment of baseline environmental data, Prediction of impacts and preparation of management plan accordingly, Collection of Secondary data, Site visit and selection of sampling location for environmental monitoring, Client interaction, Water requirement calculation, Field Noise level measurement in and around the Study area, Noise level measurement during operation of the plant and non operational time ,Noise level measurement in the DG sets, Design of Sewage Treatment Plant, preparation of EIA reports in consultation with EIA coordinator

Computer Knowledge:

Relevant software packages:

- Sewerage Package : **Sewer CAD** V8 XM, In-House developed-Excel Spread Sheets for sewerage network design as per CPHEEO norms.
- Water Supply Packages : **WaterGems** V8 XM, World Bank's - **LOOP, EPANET**
- Storm Water : **Storm CAD**, In-House developed-Excel Spread Sheets for Storm Water Drainage design.
- General Office Softwares : MS-Word, Excel, PowerPoint etc, Auto Cad.
- GIS Packages : Undergone training at Karnataka Open University, Mysore.

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- Present Employment & Experience Record: Having total experience of more than 10 years in academics

Presently working as a Assistant Professor in Department of Environmental Engineering, SJCE, Mysuru.

COURSES TAUGHT DURING THE YEAR					
YEAR	ODD / EVEN	U.G / P.G Course	Subject Code	Subject Title	
2015 - 2016	ODD	U.G	EV 58 L	Environmental Process Laboratory – I	
			EV 75 L	Atmospheric Measurement Lab (Air and Noise) Lab	
	Even	P.G	EVH 130	Design of Water Treatment Processes and Distribution System	
			U.G	EV 440	Geology and Geotechnical Engineering
				EV 47 L	Environmental Fluid Mechanics Lab
P.G	EVH 251	Water Recovery, Reuse and Recycle Technology (Elective IV)			
2016 - 2017	ODD	U.G	EV 330	Environmental Fluid Mechanics - I	
			EV 730	Environmental Engineering Management Practices	
			EV 57 D	Design & Drawing of Environmental Systems – I	
			EV 58 L	Environmental Process Laboratory – I	
	Even	U.G	EV 610	Estimation, Specifications and Financial Aspects	
			EV 663	Non Point Sources - Pollution and Management (Elective II)	
			EV 67 D	Design and Drawing of Environmental Systems – II	
EV 47 L	Environmental Fluid Mechanics Lab				
HU 420	Environmental Studies – Department of Industrial Production				
2017 - 2018	ODD	U.G	EV 330	Environmental Fluid Mechanics - I	
			EV 720	Occupational Safety and Health	
			HU 320	Environmental Studies – Computer Science & Engineering –A Section	
			HU 320	Environmental Studies – Information Science & Engineering	
			EV 57 D	Design & Drawing of Environmental Systems - I	
			EV 58 L	Environmental Process Laboratory - I	
2017 - 2018	Even	U.G	EV 610	Estimation, Specification and Financial Aspects	
			EV 820	Industrial Wastewater Treatment Technologies	
			EV 67 D	Design & Drawing of Environmental Systems - II	
			EV 46 L	Environmental Microbiology Laboratory	
		P.G	EVE 270	Biological Treatment Processes Lab	
2018 - 2019	ODD	U.G	EV330	Environmental Fluid Mechanics I	
			EV 540	Occupational Safety and Health	
			HU310	Environmental Studies (Electrical Engineering)	
			EV75L	Atmospheric Measurement lab (Air and Noise)	
2018 - 2019	Even	UG	EV430	Environmental Fluid Mechanics I I	
			EV 610	Estimation, Specification and Financial Aspects	
			HU 420	Environmental Studies (Polymer Science)	
			EV 47 L	Environmental Fluid Mechanics Lab	
2019 - 2020	ODD	UG	EV 560	Remote Sensing and GIS	
			HU320	Environmental Studies (Computer Science – A Section)	
			EV57D	Design and drawing of Environmental facilities	
			EV 37L	Surveying Practices for Environmental Engineering Application	
		P.G	EVE130	Design of Wastewater Treatment Systems	
EVH170	Physico-chemical Processes Lab				

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YEAR	ODD / EVEN	U.G / P.G Course	Subject Code	Subject Title
2019- 2020	Even	UG	EV 420	Environmental Fluid Mechanics - II
			EV 47L	Environmental Fluid Mechanics Lab
		PG	EVE 210	Air Quality Modeling and design of Air Pollution Control Techniques
2020-2021	ODD	UG	EV 560	Remote Sensing and GIS
			HU320	Environmental Studies (Electronics and Communication)
			EV57D	Design and drawing of Environmental facilities
		EV 37L	Surveying Practices for Environmental Engineering Application	
PG	EVE130	Design of Wastewater Treatment Systems		
2020-2021	Even	UG	EV 420	Environmental Fluid Mechanics - II
			EV 47L	Environmental Fluid Mechanics Lab
		HU420	Environmental Studies (Mechanical Engineering – A Section)	
PG	EVE 210	Air Quality Modeling and design of Air Pollution Control Techniques		
2021-2022	ODD	UG	20EV330	Environmental Fluid Mechanics - I
			EV510	Water Treatment and Supply
			EV56D	Design and Drawing of Environmental Systems -I
		EV57L	Water Treatment Process Laboratory	
PG	EVE 130	Design of Wastewater Treatment Systems		
2021-2022	Even	UG	20EV410	Environmental Fluid Mechanics - II
			EV 47L	Environmental Fluid Mechanics Lab
		20HU220	Innovation Studies	
PG	EVE 210	Air Quality Modeling and design of Air Pollution Control Techniques		
2022-2023	ODD	UG	20EV330	Environmental Fluid Mechanics - I
			EV510	Water Treatment and Supply
		EV57L	Water Treatment Process Laboratory	
PG	EVE 130	Design of Wastewater Treatment Systems		
2022 -2023	Even	UG	20EV410	Environmental Fluid Mechanics - II
			20EV610	Wastewater Treatment Engineering
			20EV47L	Environmental Fluid Mechanics Laboratory
			20EV68L	Design & Drawing of Environmental Systems
2023-2024	ODD	UG	22EV330	Environmental Fluid Mechanics - I
			22EV510	Water Treatment and Supply
			20EV753	Environmental Forensics
		22EV57L	Water Treatment Process Laboratory	
PG	EVE 130	Design of Wastewater Treatment Systems		
2023-2024	EVEN	UG	20EV823	Environmental Forensics
			20EV610	Wastewater Treatment Engineering
			22PEV210	Air Quality and Design of Air Pollution Control Techniques.
			20EV67L	Wastewater Treatment Process Laboratory

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COURSES TAUGHT DURING THE YEAR				
YEAR	ODD / EVEN	U.G / P.G Course	Subject Code	Subject Title
			20EV68L	Design & Drawing of Environmental Systems
2024-2025	ODD	UG	22EV330	Environmental Fluid Mechanics - I
			22EV510	Water Treatment and Supply
			20EV753	Environmental Forensics
			22EV57L	Water Treatment Process Laboratory
2024-2025	EVEN	UG	22V610	Wastewater Treatment Engineering
			20EV823	Environmental Forensics
			22EV48L	Environmental Fluid Mechanics Laboratory
			22EV68L	Design & Drawing of Environmental Systems
		PG	22PEV210	Air Quality and Design of Air Pollution Control Techniques.
2025-2026	ODD	UG	24EV320	Environmental Fluid Mechanics - I
			22EV510	Water Treatment and Supply Engineering
			22EV753	Environmental Forensics
			22EV57L	Water Treatment Process Laboratory
2025-2026	EVEN	UG	24E410	Environmental Fluid Mechanics - II
			22EV610	Wastewater Treatment Engineering
			22EV67L	Wastewater Treatment Process Laboratory
			22EV68L	Design & Drawing of Environmental Systems

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CONTRIBUTION TO INDUSTRIAL DEVELOPMENT IN THE FORM OF CONSULTANCY

DATE	Project Title	Funding Agency	Amount (in lakhs)	Duration
12/12/2018	Green Auditing	JSS College of Arts, Commerce and Science, Ooty road, Mysore		One month
20-9-2018	Third Party Evaluation for the Work Providing Water Supply Scheme to Gangavathi Taluk of Koppal District	KUWS&DB	0.50	One month
13-2-2019 & 14-2-2019	Green Audit JSS College of Arts, Commerce and Science	JSS College, Mysuru	--	--
2019	Green Audit – JSS Academy of technical Education (JSSATE), Bangalore	JSSATE, Bangalore	0.10	One month
2019	Green Audit – JSS College for Women Kollegal	JSS College Kollegal	0.10	One month
2020	Green Audit – Dayananda Sagar Engineering College Kanakapura road, Bangalore	Dayananda Sagar Engineering College Bangalore	0.15	One month
2020	Grey Water Treatment	JSS Consultancy	-	-
2021	Green Audit – JSS College for Women Kollegal Environmental Audit – JSS College for Women Kollegal	JSS College Kollegal	0.25	One month
2022	Design details of 1.81 MLD MBBR process associated drawings. Construction of 1.81 MLD MBBR type STP and Allied works in ilawala village	Core4 Engineers	0.23	One month
2022	Soil Due Diligence Test	M/s Autoliv India -	1.49	Two month
2023	Green Audit – JSS College for Women Kollegal Environmental Audit – JSS College for Women Kollegal	JSS College Kollegal	-	-
2024	DPR preparation for Gray water	JSS Consultation	-	One Month
2025	JSS Academy of technical Education (JSSATE), Bangalore - Technical consultant	-	-	One Week
2025	M/s Mysuru Dist. Co-Operative Milk Producers "Societies" Union Ltd., Mysuru - Technical consultant	MYMUL	0.3	Two Weeks

DETAILS OF PAPERS PUBLISHED (GIVE THE TITLE, CO-AUTHOR IF ANY AND DETAILS OF JOURNALS)

1. Monica B., **Shivakumar B.P.**, 2016, "Treatability studies for nutrient removal using marble powder to restore Kukkarahalli lake and Lingambudi lake of Mysuru City", International Research Journal of Engineering and Technology.
2. Yadhushree B., **Shivakumar B.P.**, KeerthiD'souza., 2017, "Qualitative Risk Assessment and HAZOP study of Glass manufacturing Industry", International Journal of Advance Research Ideas and Innovations in Technology.
3. Sameena G.A., **Shivakumar B.P.**, 2016, "Remodelling of water supply scheme for Srirangapatna town – A Review", International Journal of Modern Trends in Engineering and Research.
4. Vedavalli., **Shivakumar B.P.**, Yogesh., 2017, "A Review on Production, Performance and Exhaust Emission of various Non-Edible oil Biodiesel.", International Journal for Science and Advance Research Technology.

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5. Yashas S.R., **Shivakumar B.P.**, Udayashankara T.H., and Krishna B.M., **2018**. "Laccase Biosensor: Green Technique for Quantification of Phenols in Wastewater (A Review).", Oriental Journal of Chemistry.
6. ShivamurthyRavindraYashas., Shadakshari Sandeep., **BallagerePuttarajuShivakumar.**, NingappaKumar.,**2019**. "Potentiometric polyphenol oxidase bio Sensor for sensitive determination of phenolic micro pollutants in environmental Samples" Environmental Science and Pollution Research.
7. ShivamurthyRavindraYashas., Shadakshari Sandeep., **BallagerePuttarajuShivakumar.**, NingappaKumar.,**2019**. "A matrix of perovskite micro-seeds and polypyrrole nanotubes tethered laccase/graphite biosensor for sensitive quantification of 2,4-dichlorophenol inwastewater" The Royal Society in Chemistry.
8. Bharath M, Krishna B M, **Shivakumar B P.**, **2019**. "Electrocoagulation Treatment for Removal of Color and Chemical Oxygen Demand in Landfill Leachate using Aluminum Electrode", International Journal of Recent Technology and Engineering.
9. Mahesha Mahabaleshwara Hegde, Manjunath T Bodke, Anusha , Lakshmi D O, **B P Shivakumar** "Design of Dewat system for Chikkalli village in Mysore Taluk"., **2021**. International Research Journal of Modernization in Engineering Technology and Science.
10. **Shivakumar B. P.** and Sanjana M. S." Comparative study on waste decomposed using different species of earthworms"2021. World Journal of Engineering Research and Technology
11. R.Leela, Najamussahar H Mulla, B.M Krishna,B. Manoj Kumar, **B. P Shivakumar.**, 2021, "Application of automated QUAL2Kw for water quality modeling in the Kabini river, Mysuru" International Journal of Scientific Research in Science and Technology.
12. Chaitanya B. S. **and Shivakumar B. P.**, **2021**, "Identification of groundwater potential zone using Remote sensing and GIS techniques for Mandya Taluk" World Journal of Engineering and Technology.
13. Nidhi A Harish Kumar, **Shivakumar Bellagere Puttaraju** and N. Kumar Swami., 2022, "Treatment of coffee pulp wastewater by photocatalytic bismuth ferrite nanomaterials", International Research Journal of Engineering and Technology.
14. Krishna Swaroop C, **Shivakumar B P** and Kishore Kumar S., 2022"Study on removal of hardness from groundwater using low-cost adsorbent", International Research Journal of Engineering and Technology.
15. Nadarsha M, **Shivakumar B P.**, 2025"Feasibility of Vacuum Serwer systems in Terrain-Challenged Regions: A case Study from Kerala

DETAILS OF TRAINING, DEPUTATION & COURSES UNDER GONE AFTER JOINING THIS INSTITUTION

SL NO.	DATE	CERTIFICATES	DURATION	PLACE
	25 th to 30 th January 2016	Workshop on "Faculty Orientation"	One Week	VTU regional Centre, Mysuru
1.	29 th February – 04 th March 2016	Environmental Management Frame Work	One Week	BMS College Of Engineering
2	15 th May 2016	Indian Green Building Council Appreciates	One Day	Indian Green Building Council - NIE
3	26 th March 2016	Authors Workshop on Publish or Perish	One Day	Sri Jayachamarajendra College Of Engineering under TEQIP-II
4	26 th to 28 th May 2016	International Conference on Advanced Materials and Technology (ICMAT – 16)	Three Days	Sri Jayachamarajendra College Of Engineering under TEQIP-II
5	7 th June to 12 th June 2016	Pedagogy of Instruction design and Delivery System	One Week	Sri Jayachamarajendra College Of Engineering under TEQIP-II
6	13 th to 35 th June 2016	Fate and Transport of Contaminants In The Environment	2 Weeks	Sri Jayachamarajendra College Of Engineering under Global Initiative Of Academic Networks
7	11 th to 22 nd July	Spatial Technology and Modeling For	2 Weeks	Sri Jayachamarajendra College Of

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	2016	Drought Management		Engineering Under Global Initiative Of Academic Networks
8	25 th to 27 th October 2016	Hazardous Materials Management	3 days	Sri Jayachamarajendra College Of Engineering under TEQIP-II – Indo-US Workshop
9	28 th December 2016 to 03 rd January 2017	Strength Based Personality Development Programme	5 days	Sri Jayachamarajendra College Of Engineering Under TEQIP-II – Gallup Certified Strengths Coach
10	10 th to 20 th February 2017	Solid Waste Management – Feasibility of Technology Transfer	2 Weeks	Sri Jayachamarajendra College Of Engineering under Global Initiative Of Academic Networks
11	28 th February 2018	Spectrum of Intellectual Property Rights With Special Emphasis on Patents	One day	Jss Science And Technology University, Mysuru
12	24 th April 2019	Calibration of Advanced Metrology Instrument - NABL	One day	Jss Science And Technology University, Mysuru
13	15 th July 2019 to 19 th July 2019	Geospatial Technologies	5 days	Jss Science And Technology University, Mysuru
14	22 nd to 27 th July 2019	Advanced Materials for Energy, Water and Health	5 day	Jss Science And Technology University, Mysuru
15	6 th to 10 th Aug 2019	Work Study Professional	5 days	Jss Science And Technology University, Mysuru
16	17 th to 18 th Aug 2019	35 th National Convention Of Environmental Engineering & National Conference	2 days	The Institution Of Engineering(India) Karnataka State Centre, Bangalore
17	17 th to 21 st August, 2020	Advances in Water Resources Management and Sustainable Environmental	One Week	M S Ramaiah Institute of Technology, M S R Nagar, Bangalore
18	13 th June 2020	Webinar on “ Remote Sensing for Environmental Studies	One day	Dr. Ambedkar Institute of Technology, Bangalore
19.	4 th August 2020	Webinar on “An overview on Indian Environmental Regulatory Framework in Present Context”	One day	Jss Science And Technology University, Mysuru
20.	5 th to 6 th August 2020	Webinar on “Source Emission Monitoring Techniques”	Two days	Jss Science And Technology University, Mysuru
		Webinar on “Water Quality Monitoring Preservation and Analytical Techniques”		Jss Science And Technology University, Mysuru
		Webinar on “E – Waste (Management and Handling) Rules 2016”		Jss Science And Technology University, Mysuru
		Webinar on “Online Continuous Effluent and Emission Monitoring System : Regulatory Perspective”		Jss Science And Technology University, Mysuru
21.	13 th August 2020	Webinar on “Quality & EHS in Industries”	One day	Jss Science And Technology University, Mysuru
22.	17 th to 21 th August 2020	Advance in water resources management and sustainable environment	One Week	Ramaiah institute of Technology, Bangalore
23.	19 th August 2020	Webinar on “Implication of Law in Environmental Engineering”	One day	Jss Science And Technology University, Mysuru
24.	24 th to 25 th August 2020	Webinar on “River Rejuvenation Importance and Issues in Context of Present Scenario & Crisis”	Two day	Jss Science And Technology University, Mysuru
		Webinar on “Environmental V/s Economic Development”		Jss Science And Technology University, Mysuru
25.	1 st to 5 th Feb 2021	Smart Cities	One Week	AICTE Training and Learning (ATAL)
26.	12 th to 24 th July 2021	Industrial Training at RTTC, Mysore	Two Week	Bharat Sanchar Nigam Limited., Regional Telecom Training Centre, T. K Layout, Mysuru - 570009
27.	13 th to 17 th September 2021	Faculty Development Program on Sustainable Design with Pre- Engineered	Five days	AICTE Training and Learning (ATAL) at Dayananda Saagar Academy of Technology

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		Techniques :- An Approach towards Eco-Friendly Building		& management.
28.	20th to 24th September 2021	Faculty Development Program on GIS & Remote Sensing	Five days	AICTE Training and Learning (ATAL) at National Power Training Institute – Shivpuri (M.P)
29.	Jul to Oct 2021	Water Economics and Governance	12 Weeks	NPTEL
30.	08 th to 14 th November 2021	Hands on Training on Origin Pro Software	One Week	Jss Science And Technology University, Mysuru
31.	12 th to 16 th August 2022	Design, Fabrication and Applications of Microsystems and Micro fluidics	Five days	SPARC Online lecture series
32.	21 st to 23 rd September 2022	62 nd Annual International Conference of Association of Microbiologists of India	Three days	University of Mysore
33.	10 th to 14 th October 2022	Outcome Based Education	Five days	Sri Jayachamarajendra College Of Engineering
34.	28 th February to 02 nd March 2023	Second International Conference on Advanced Materials for Health, Energy and Environmental Engineering	Three days	Jss Science And Technology University, Mysuru
35.	6 th July 2023	Karnataka Sustainability Conclave on Productivity & Green Growth	One day	National Productivity Council, DPIIT, MoC&I, Government of India and ATI, Mysuru, GOK
36.	22 nd September to 06 October 2023	Advance Research Methodology (Online)	Two Week	Teaching Learning Centre, Ramanujan College University of Delhi.
37.	09 to 13 October 2023	Resent Advancements in Fuel Cell and Hydrogen Storage (Online)	One Week	Anurag University, India in Collaboration with Centre for New Energy Transition Research, Federation University Australia
	22 nd September to 06 th October 2023	Advanced Research Methodology	Two Weeks	Teaching learning Centre, Ramanujan College
38	3 rd -19 th January 2024	Opportunities and Challenges in Entrepreneurship	Two Weeks	JSSATE, Science & Technology Entrepreneurship Park, Bengaluru
38.	1 st to 15 th April 2024	Industrial Training On Renewable Energy (RE)	Two Week	Government Tool Room & Training Centre, Mysore
	18 th May, 2024	National Workshop Water Security for Bengaluru: Issues and Concerns	One day	Council Hall, Ramaiah Medical College, MSRUAS
39.	31 th May 2024	World Environmental Day	One day	Karnataka State Pollution Control Board
39.	10 th August 2024	Awareness on IGS Foundation	One day	Vidyavardhaka College of Engineering, Mysuru.
40.	9 th to 12 th September 2024	VGST Sponsored Four day faculty Development Program on” Innovation in Renewable Energy and its Application	Four day	Jss Science And Technology University, Mysuru
41	29 th and 30 th November 2024	Opportunities in Environment Health and Safety (EHS) for Engineering Graduates	Two days	JSS Science And Technology University, Mysuru
42.	16 th to 21 st December 2024	Sustainable Practices in Energy and Environment Sector	One Week	AICTE Training and Learning (ATAL) - D Y Patil International University
43	1 st to 5 th April 2025	Design Excellence: Mastering 2D and 3D Modelling with AutoCAD and Fusion 360	One Week	JSS Science And Technology University, Mysuru
44	22 nd April 2025,	Seminar : Dissemination of Guidelines and Capacity Enhancement for the Management of Sewage Sludge (Bio Solid) in India	One day	National River Conservation Directorate (NRCD) and Japan International Cooperation Agency (JICA)
45	Jan to April 2025	Air Pollution and Control	12 Weeks	NPTEL
46	21 st May 2025	World Environmental Day	One day	Karnataka State Pollution Control Board
46	02 nd to 06 th June 2025	A practical Approach to Cybersecurity and Digital Forensics	One Week	JSS Science And Technology University, Mysuru
47	4 th and 5 th July 2025	Hydraulic Modeling of Networks and BIM Application	Two days	JSS Science And Technology University, Mysuru
48	Jul-Oct 2025	Municipal Solid Waste Management	12 Weeks	NPTEL
49	13 th to 18 th Oct 2025	Hydrogen Energy Systems for a Clean and Green Future	One Week	AICTE Training and Learning (ATAL) – Avanthi Institute of Engineering and Technology

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50	02 to 07 Feb 2026	Next-Generation Technologies for Energy Efficiency	One Week	AICTE Training and Learning (ATAL) – Vikas College of Engineering & Technology																																				
51	18 th Feb 2026	Bridging Chemistry and Food – An Integrated Approach for Sustainable Society	One day	JSS Science And Technology University, Mysuru																																				
<p>Professional Affiliation Obtained life membership (LM No.: 9014) of Indian Water Association on March 25th Works, 2017. Obtained membership (M-1784867) of The Institution of Engineers (India) on 17th August 2023.</p>																																								
<p>CERTIFICATE COURSE:</p> <table border="1"> <thead> <tr> <th>Sl No.</th> <th>Title</th> <th>Offline / Online Certificate Course by</th> <th>Days</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Water Economics and Governance</td> <td>NPTEL</td> <td>12 Weeks</td> </tr> <tr> <td>2</td> <td>Industrial Training</td> <td>Regional Telecom Training Centre (National Level Training Centre of BSNL) Mysuru</td> <td>8 days</td> </tr> <tr> <td>3</td> <td>Remote Sensing and Digital Processing of Satellite Data</td> <td>NPTEL</td> <td>8 Weeks</td> </tr> <tr> <td>4</td> <td>Air Pollution – A Global Threat to Our Health</td> <td>Coursera</td> <td>2 Weeks</td> </tr> <tr> <td>5</td> <td>Renewable Energy and Green Building Entrepreneurship</td> <td>Coursera</td> <td>2 Weeks</td> </tr> <tr> <td>6</td> <td>Renewable Energy</td> <td>Government Tool Room & Training Centre, Mysore</td> <td>Two Week</td> </tr> <tr> <td>7</td> <td>Air Pollution and Control</td> <td>NPTEL</td> <td>12 Weeks</td> </tr> <tr> <td>8</td> <td>Municipal Solid Waste Management</td> <td>NPTEL</td> <td>12 Weeks</td> </tr> </tbody> </table>					Sl No.	Title	Offline / Online Certificate Course by	Days	1	Water Economics and Governance	NPTEL	12 Weeks	2	Industrial Training	Regional Telecom Training Centre (National Level Training Centre of BSNL) Mysuru	8 days	3	Remote Sensing and Digital Processing of Satellite Data	NPTEL	8 Weeks	4	Air Pollution – A Global Threat to Our Health	Coursera	2 Weeks	5	Renewable Energy and Green Building Entrepreneurship	Coursera	2 Weeks	6	Renewable Energy	Government Tool Room & Training Centre, Mysore	Two Week	7	Air Pollution and Control	NPTEL	12 Weeks	8	Municipal Solid Waste Management	NPTEL	12 Weeks
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7	Air Pollution and Control	NPTEL	12 Weeks																																					
8	Municipal Solid Waste Management	NPTEL	12 Weeks																																					
<p>ORGANISING COMMITTEE MEMBER/CO-ORDINATOR/ EDITOR /REVIEWER etc</p> <ol style="list-style-type: none"> Organized two day workshop on “Integrated Solid Waste Management (ISWM)” on 6th and 7th September 2019, TEQIP-III sponsored. Organized one day workshop on “Recent advances in Environmental Engineering” on 4.12.2019 Organized one day Webinar on “E – Waste (Management and Handling) Rules”: 2016 on 6.08.2020 Organized one day Webinar on “Environmental V/s Economic Development” on 25th .08.2020 Department level Coordinator for NAAC cycle 1 accreditation process of JSS STU, Mysuru during 2023-2024. Organized one day technical talk on “ Integrated Concepts tools for Sustainability Management” on 28.11.2024 Organized Two day technical Workshop on Hydraulic Modelling of Networks and BIM Applications” on 24th and 5th July 2025. Organizing Secretary for One day International Conference on “Bridging Science and Society for the future of food 18th February 2026. 																																								

Certification:

I, undersigned, certify that to the best of my knowledge and belief, these data correctly describes me, my qualification and my experience.

Signature of the Candidate

Date