

**VISHISHTTA NAGARAJ**  
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### **CAREER OBJECTIVE**

Seeking a challenging career with a progressive organization that provides an opportunity to capitalize my technical skills, my ability and enhancing my professional skills with learning and experience for career growth.

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### **Academic Qualifications**

- **Ph.D in Environmental Engineering, under VTU, Belagavi, Karnataka.**  
**Research Area: Advanced Treatment Technologies for removal for Nitrate, Fluoride and Hardness from Groundwater**
  - **M.Tech (Environmental Engineering) Sri Jayachamarajendra College of Engineering (VTU), Mysore, Karnataka, graduated in the year 2008.**  
**Research Area: Wastewater treatment**
  - **B.E (Environmental Engineering) Vidya Vardhaka College of Engineering (V.T.U), Mysore, Karnataka, graduated in the year 2006.**
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### **Academic Experience**

<b>3<sup>rd</sup> September, 2019 - till Date</b>	Assistant Professor Department of Environmental Engineering Sri Jayachamarajendra College of Engineering JSS Science and Technology University, Mysore
<b>January 2012-September 2019</b>	Senior Teaching Fellow Department of Environmental Engineering Sri Jayachamarajendra College of Engineering JSS Science and Technology University, Mysore
<b>February 2009 – March 2011</b>	Senior Research Associate NRCD project, (MOEF) Sri Jayachamarajendra College of Engineering,
<b>16<sup>th</sup> August, 2011 – 31<sup>st</sup> December, 2011</b>	Lecturer Department of Civil Engineering HMSIT, Tumkur.
<b>September 2008- July 2010</b>	Senior Teaching Fellow Department of Environmental Engineering Sri Jayachamarajendra College of Engineering JSS Science and Technology University, Mysore

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### **NATIONAL CONFERENCES & PUBLICATIONS**

1. Proceedings of first Annual Conference on Innovations and Developments in Civil Engineering, ACIDIC- 2014 NITK, Surathkal, India. 19-20 May 2014. Page No. 303-308.
2. Presented a paper titled "Removal of Fluoride from Groundwater using Aluminum Electrodes in Electrocoagulation Reactor " in Second International Conference on Advanced Materials &

- Technology (ICMAT-20) organized by Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru, India, held on 16th to 18th January 2020.
3. Presented a paper titled "Advanced materials for water and wastewater treatment " in Second International Conference on Advanced Materials & Technology (ICMAT-20) organized by Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru, India, held on 16th to 18th January 2020.
  4. Presented a paper titled "Volarization of Agri – food waste as Sustainable Eco- Materials for Dairy wastewater treatment" in 2<sup>nd</sup> International Conference on "Advanced Materials for Health, Energy and Environment" held on 28<sup>th</sup> February – 2<sup>nd</sup> March, 2023 at JSS STU, Mysuru.
  5. Proceedings of 5<sup>th</sup> International Conference on Mobile computing and sustainable Informatics (ICMCSI) organized by Tribhuvan University, Nepal, 18-19 Jan 2024.

### **List of Research Publications**

1. Vishishtta Nagaraj and B. Manoj Kumar., (2018), 'Removal of fluoride from synthetic water using chitosan as an adsorbent', Journal of Environmental Science, Toxicology and Food Technology, Vol.12, pp 43-48.
2. Vishishtta Nagaraj and B. Manoj Kumar., (2018), 'Removal of nitrate and hardness from synthetic water using chitosan as an adsorbent', IJETSR, Vol-5, pp 2394-3386
3. Sahana N K, Malini P, Akshatha M S, Vishishtta Nagaraj., (2021), "Simulation studies on adsorption using carbon and bioadsorbents", IRJMETS, Vol-3, Issue-7, pp 1556-1566
4. Vishishtta Nagaraj, Lenita Infancia, Sadaf Anwari, Harshitha M and Sanjay K N (2023), "Characterization of bioplastic prepared from composites of food waste", IJNRD, Volume 8, Issue 8, ISSN: 2456-4184.
5. Asha Gururaj, Vishishtta Nagaraj, Rajesh A S, Achyuth K N, Somesh M U, Ashish Dubay B (2024), Air Quality Prediction and Analysis using on Machine Learning. IEEE Xplore. Pg. No. 543-550.
6. Assessing the Impact of Wastewater Discharge on Receiving Water Bodies in Karnataka, India: Quantitative Analysis and Mitigation Strategies, (2024). Asha Gururaj, Vishishtta Nagaraj and Somesh M U. YMER, Volume 23. Issue 07. Pg No. 632-641.

### **INTERNSHIP**

Completed 8 weeks Internship training program at MYMUL and prepared a report on **Study of Dairy Processes and Wastewater Treatment at MYMUL.**

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### **CONFERENCE/SEMINARS/WORKSHOP ATTENDED**

1. Workshop on "**Authors Workshop on Publish or Perish**" an initiative under TEQIP-II organized by Sri Jayachamarajendra College of Engineering, Mysore, on 26<sup>th</sup> March 2016.
2. Six-day workshop on "**Pedagogy of Instructional Design and Delivery System**" from 7<sup>th</sup> June 2016- 12<sup>th</sup> June 2016 organized as TEQIP-II at SJCE, Mysore.
3. 2 weeks workshop on the Course of "**Fate and Transport of Contaminants in the Environment**", Global Initiative for Academic Networks (GIAN), organized by department of Environmental Engineering, SJCE, Mysore from 13<sup>th</sup> to 25<sup>th</sup> June 2016.
4. 2 weeks workshop on the Course of "**Spatial Technology and Modelling for Drought Management**", Global Initiative for Academic Networks (GIAN), organized by department of Environmental Engineering, SJCE, Mysore from 11<sup>th</sup> to 22<sup>nd</sup> July 2016.
5. One week Faculty Development Program on "**Sustenance of Energy and Environment: Challenges and Research Dimension**", organized by Department of Electrical and Electronics Engineering, SJCE, Mysore from 25<sup>th</sup> July to 30<sup>th</sup> July 2016.

6. **Third International Festival of Science, Technology, Engineering and Mathematics** organized by International Stem Alliance in association with University of Mysore, held at University of Mysore during 17-20 October 2016.
7. **3-day Indo-US Workshop on “Hazardous Materials Management”**, organized by department of Environmental Engineering, SJCE, Mysore from 25<sup>th</sup> to 27<sup>th</sup> October 2016.
8. 2 weeks workshop on the Course of **“Energy, Sustainability and Life Cycle Risk Analysis”**, Global Initiative for Academic Networks (GIAN), organized by department of Electronics and Communication Engineering, SJCE, Mysore from 13<sup>th</sup> to 28<sup>th</sup> February 2017.
9. Eleven days workshop on the Course of **“Solid Waste Management-Feasibility of Technology Transfer”**, Global Initiative for Academic Networks (GIAN), organized by department of Environmental Engineering, SJCE, Mysore from 10<sup>th</sup> to 20<sup>th</sup> February 2017.
10. Workshop on **“Spectrum of Intellectual Property Rights with Special emphasis on Patents”** for faculty members of SJCE, organized by Sri Jayachamarajendra College of Engineering, Mysore, on 28<sup>th</sup> February 2018.
11. Two-day workshop on **“Regional Knowledge Conclave for Colleges and Universities, Mysuru”** organized by Centre for Science and Environment (CSE), New Delhi, on 6<sup>th</sup> and 7<sup>th</sup> September 2018.

### Online webinar Attended during 2026

Training Mode and Duration	Title of Training	Held at Internal or External	Date
<b><u>Active Participation in Swachha Marathon 5K conducted by Mysore City Corporation as a part of Swachh Survekshan25-26 held on 8th February 2026.</u></b>			
5 days	Short Term Programme on Sustainable Development Goals	Organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Central University of Kerala	23.02.2026 to 28.02.2026

### Online webinar Attended during 2024-25

Training Mode and Duration	Title of Training	Held at Internal or External	Date
Online ATAL faculty development programme	Nanomaterials	AICTE Training and Learning (ATAL) Academy JSS SCIENCE AND TECHNOLOGY UNIVERSITY	06/01/2025 to 11/01/2025.
One day- offline	Prevention of Sexual Harassment at Workplace (POSH)	Organized by JSS Science and Technology University, Mysuru, 570006.	22-01-2025
Two days- offline	Recent Advances in Civil Engineering (RACE-25)- Digital Transformation in Civil Engineering	Organized by Association of Consulting Civil Engineers (India) Mysore centre, held at MBCT Auditorium, Mysuru	17-01.2025-18.01.2025
Chamundi Hill	Swachtha Abhiyaan at Chamundi hill and Mudkutere for one day		06.02.2025
Mudkutere			17.02.2025

One day	Symposium on Inspiring women to live fulfilling lives	Organized by CII at Infosys Mysuru	14.02.2025
<b>Letter of appreciation for being a judge for “Build A Thon” -2025 on 22<sup>nd</sup> March 2025.</b>			
One week	FDP Design excellence: Mastering 2D and 3D Modelling with AutoCAD and Fusion 360	Organized by Department of Mechanical Engineering, JSS Science and Technology University, SJCE Mysuru, 570006.	01.04.2025-5.04.2025
One week	GIAN Course entitled Industrial Wastewater Management Towards Sustainable and Safe Environment.	Organized at G.B Pant University of Agriculture and Technology, (GBPUA&T) Pantnagar	21.04.2025-25.04.2025
<b><u>Participated in Bommanahalli lake cleaning programme on 21st May 2025 Mysuru to commorate world environment Day 2025 jointly organized by District Administration, Mysuru,KSPCB regional office Mysuru, Municipal office Bommanahalli, madilu education and rural development (R), Mysuru.</u></b>			
5 days	Workshop on a practical approach to Cybersecurity and Digital Forensics.	Organized by Department of Information science and Engineering, JSS Science and Technology University in association with Electronics and ICT Academy, Indian Institute of Technology, Guwahati, An initiative of Ministry of Electronics and Information Technology, (MeitY), Govt. of India.	2 <sup>nd</sup> -6 <sup>th</sup> June 2025
5 days	Workshop on Outcome Based Education and Accreditation- Graduate Attributes and Professional Competency 4.0	Organized by JSS Science and Technology University in association with National Institute of Technical Teachers Training and Research, Chennai	7 <sup>th</sup> -11 <sup>th</sup> July 2025
<b><u>Co-Chair - International Conference on Heat and Heatwave Trends and Their Health Implications in the Global South” jointly organised by 'Centre for Science &amp; Technology of the Non-Aligned and other Developing Countries (NAM S&amp;T Centre)' and 'Scientific Committee on Problems of the Environment (SCOPE) held on 06-11-2025 .</u></b>			
2 weeks	Interdisciplinary Refresher Course on Environmental Studies	Organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Central University of Kerala	06.11.2025 to 19.11.2025

### NPTEL COURSES (2024)

- 8 weeks NPTEL online certificate course on Biological Process Design for Wastewater Treatment organized by IIT, Madras (Jan-Mar 2025).

### Online webinar Attended during 2023-24

Training Mode and Duration	Title of Training	Held at Internal or External	Date
2 days- Offline	IP Ecosystem in Academics – Perspectives and impact	Organized by Internal quality Assurance Cell, Institution's Innovation Council, JSS Science and Technology University in association with Karnataka State Council for Science and Technology	17 <sup>th</sup> and 18 <sup>th</sup> October 2023
5 days -Offline	Face-to-Face UHV-II FDP "Inculcating Universal Human Values in Technical Education"	All India Council for Technical Education (AICTE) at Vidyavardhaka College of Engineering, Mysuru	9 <sup>th</sup> to 13 <sup>th</sup> January 2024.
2 days-Offline	Academia-Industry MoU Conclave	Organized by JSS Science and Technology University, Mysuru, 570006.	19 <sup>th</sup> - 20 <sup>th</sup> January 2024
One Week -online	Faculty Development Programme on Fundamentals of Machine Learning	Organized by National Institute of Technical Teacher's Training and Research (NITTTR), Kolkata	11th to 15th March, 2024
One Week- online	Faculty Development Programme on Environmental Pollution and its control	Organised by AICTE Recognized by NITTTR, Chandigarh	18/03/2024 to 22/03/2024
One day - online	Workshop on Waste Management	Organized by Department of Consumer Affairs, Legal Metrology, Delhi	13.04.2024
Two days - online	Workshop on Global South on Waste Characterization and Quantification	Organized by Centre for science and Environment, New Delhi	22-24 May 2024
Two-day conference offline	Conference on Climate change mitigation, adaptation and resilience: A holistic approach	Organized by India Universities and Institutions network for disaster Risk reduction (IUIINDRR), National Institute of disaster management (NIDM) Ministry of home affairs, Govt of India in collaboration with Department of Environmental Sciences, JSS Academy of Higher Education & Research, Mysuru, Karnataka.	25th and 26th July 2024
One -week -online	FDP on Technological advancement in synthesis of novel Materials	Organized by Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad	05.08.2024-10.08.2024
One day -offline	A Workshop on the	Organized at Vidyavardhaka	10.08.2024

	awareness on NABL accreditation and IGS foundation	College of Engineering, Mysuru	
Four days -offline	FDP sponsored by VGST on Innovation in renewable energy and its application	Organized by Department of Electrical and Electronics Engineering, SJCE, JSS S&TU, Mysuru	9.09.2024-12.09.2024
One day	World Mental Health Day Workshop on Workplace Wellness: Prioritizing Mental Health for Sustainable Success	Organized by IQAC, SJCE, JSS S&TU, Mysuru	10.11. 2024
One-Week Faculty Development	FDP on Robotics and Industrial Automation	Organized by the Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad	04-11-2024 to 09-11-2024.
3-Day	FDP on Enhancing Academic writing skills with AI tools and managing Academic accounts	Organized by the Library and Information centre, JSS S&TU, Mysuru	19-12-2024 to 21-12-2024

**Participated in a marathon on 2<sup>nd</sup> October 2024**

**Participated in yoga Dasara on 7<sup>th</sup> October 2024**

**Participated in Hootagalli lake cleaning programme on 31<sup>st</sup> May 2024 Mysuru to commemorate world environment Day 2024 jointly organized by District Administration, Mysuru, KSPCB regional office Mysuru, Municipal office Hootgalli, madilu education and rural development (R), Mysuru.**

**NPTEL COURSES (2024)**

- 8 weeks NPTEL online certificate course on Waste to Energy Conversion organized by IIT, Madras (Jan-Mar 2024).
- 12 weeks NPTEL online certificate course on Industrial Wastewater Treatment organized by IIT, Madras (Jan-Apr 2024).

**Online webinar Attended during 2022-23**

Training Mode and Duration	Title of Training	Held at Internal or External	Date
1 Week -offline	National online workshop on Facets of Sustainable Urban infrastructure (FSIU)2023	Department of Construction Technology and management	9 <sup>th</sup> -13 <sup>th</sup> January 2023
Three-day -offline	Scholarly Publications: Tools and Techniques	Library and information center, JSS Science and Technology University, Mysuru	6 <sup>th</sup> – 8 <sup>th</sup> , January 2023.
Three days-online	Online workshop on Interactive Tools and Techniques for Energized and Engaged Classes	IIT Madras, NPTEL	21 <sup>st</sup> January 2023

online	Course spanning over 12 modules.	Training is a part of the "ENERGY LITERACY TRAINING " of the Energy Swaraj Foundation.	26 <sup>th</sup> March 2023
1 day-offline	Karnataka Sustainability conclave on productivity and green growth	Organized by National Productivity Council, DPIIT, MoC&I, Government of India and Administrative Training Institute, Mysuru, Government of Karnataka	06.07.2023
1 day -offline	“International Symposium on Emerging Materials for Sustainable Energy and Environment”	Organized by Department of Chemistry, SJCE, JSSSTU, Mysuru	15 <sup>th</sup> July 2023.
Two Weeks-online	“REFRESHER COURSE IN MATHEMATICS (Theme: Python & Vedic Mathematics)”	Teaching Learning Centre & Department of Mathematics Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching in collaboration with Department of Mathematics Sri Jayachamarajendra College of Engineering (SJCE) JSS	13 - 26 July, 2023

### Online webinar Attended during 2021-22

Training Mode and Duration	Title of Training	Held at Internal or External	Date
3- day	Climate Resilient, Energy secure and healthy built environments professional development programme (CREST)	University of BATH, NPTEL	August 2022
5- days	Self-Sustainable Buildings	Department of civil engineering, Presidency University, Bengaluru in association with KSTA	12th Sep to 16th Sep 2022
1 week	Online workshop on Geospatial Analytics	Department of Civil Engineering, JSS Academy of Technical Education, Bengaluru	26th -30th September 2022
1 week	Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers' held from and obtained 'A+' Grade	IGNOU	07-15 October, 2022
2 weeks	National level faculty development programme on Online teaching platform and tools (technology management in education)	Scrollwell	November 25 - December 15, 2022
Advanced Level (Tools 15 sessions of 30 contact	Innovation ambassador (IA) training “Advanced Level”	MoE’s Innovation Cell and AICTE	14 <sup>th</sup> October 2021-22

hours) conducted in online mode			
1 day-offline	“International Symposium on Emerging Materials for Sustainable Energy and Environment”	SJCE, JSSSTU, Mysuru organized by Department of Chemistry	15th July 2023

### **NPTEL COURSES (2023)**

1. 12 weeks NPTEL online certificate course on Environmental Impact Assessment organized by IIT, Madras.
2. 8 weeks NPTEL online certificate course on Sustainable Engineering Concepts and life Cycle Analysis organized by IIT, Madras (Jul-Sep 2023).
3. 12 weeks NPTEL online certificate course on Integrated Waste Management for a Smart City organized by IIT, Madras

### **Online webinar Attended during 2020-21**

<b>Training Mode and Duration</b>	<b>Title of Training</b>	<b>Held at Internal or External</b>	<b>Date</b>
5 days	"Green Technology & Sustainability Engineering"	AICTE Training and Learning (ATAL) Academy, conducted Malaviya National Institute of Technology Jaipur	4-1-2021 to 8-1-2021
5 days	Modern Innovations and Development in Renewable Energy Technology	AICTE Training and Learning (ATAL) Academy, conducted University of Lucknow	2021-7-12 to 2021-7-16
5 days	“Inculcating Universal Human Values in Technical Education”	All India Council for Technical Education (AICTE)	16 August, 2021 to 20 August, 2022
Foundation Level, Total 16 Sessions of 30 contact hours	Innovation ambassador (IA) training “Foundation Level”	MoE's Innovation Cell & AICTE	5th August - 31st August 2021
1 week	Recent advancement in Environmental and water resource Engineering	Anjuman I Islams Kaleskar Technical campus of Engineering and Technology, Mumbai, Maharashtra	29-12-2021-4.01-2022
3-day	“Recent Advances in Wastewater Treatment and Recycle”	Department of Chemical Engineering, SDM College of Engineering and Technology, Dharwad, Karnataka.	16 <sup>th</sup> -19 <sup>th</sup> November 2021
2-day	International Workshop on smart and resilient bridges	ASCE Student Chapter, ISM, Dhanbad	3 <sup>rd</sup> - 5 <sup>th</sup> December 2021
1 week	Waste Technology- Energy Conversion and utilization	AICTE (ATAL)	8 <sup>th</sup> -12 <sup>th</sup> December 2021
1 week	Modern innovations and development in renewable energy technology	AICTE (ATAL)	12 <sup>th</sup> -16 <sup>th</sup> July 2021
1 week	Processing, characterization and modelling of smart materials and systems	Department of Mechanical Engineering, C V Raman Global University, Odisha	18 <sup>th</sup> -23 <sup>rd</sup> January 2021

**NPTEL COURSES (2022)**

1. 12 weeks NPTEL online certificate course on Air Pollution and Control organized by IIT, Madras.
2. 8 weeks NPTEL online certificate course on Natural Hazards organized by IIT, Madras
3. 12 weeks NPTEL online certificate course on Basic Environmental Engineering and Pollution Abatement organized by IIT, Madras. (Jul-Oct-2022)
4. 8 weeks NPTEL online certificate course on Technologies for clean and Renewable Energy Production organized by IIT, Madras. (Jul-Sep 2022)

**Online webinar Attended during 2019-20**

<b>Training Mode</b>	<b>Title of Training</b>	<b>Board Area of Training</b>	<b>Held at Internal or External</b>	<b>Date</b>
Online course	Introduction to Environmental Law and Policy	Environmental Law	The University of North Carolina at Chapel Hill	certificate issued on 09.06.2020
Online course	Air Pollution – A Global Threat to our Health	Air Pollution issues	University of Copenhagen	certificate issued on 19.06.2020
Online course	Introduction to indoor air quality	Air Pollution issues	The Hong Kong University of Science and Technology	certificate issued on 28.06.2020
Online course	Municipal Solid Waste Management in Developing Countries	Waste Management	Ecole Polytechnique Federale de Lausanne (EPFL) University	certificate issued on 28.06.2020
Webinar	Research Funding Agencies and How to Write Good Proposals	Writing of Research Proposals	Department of Computer Science and Engineering held at Angadi Institute of Technology and Management	26th June, 2020
Webinar	Nutraceuticals and Medicinal Herbs for Health & Immunity	Medicinal Herbs for Health & Immunity	Department of Botony & IQAC, St. Joseph's College for Women (A), held at Visakhapatnam, Andhra Pradesh	20th June, 2020
Webinar	Remote Sensing for Environmental Studies	Application of Remote Sensing	Dr. Ambedkar Institute of Technology, Bangalore, Karnataka	13th June. 2020
Webinar	Climate Change and Sustainability	Climate Change and Sustainability	Department of Civil Engineering in association with ISHRAE Mysore Chapter held at Vidyavardhaka College of Engineering	4th June, 2020

5-day Webinar	NBA and NAAC Accreditation Process organized by Internal Quality Assurance Cell (IQAC)	NBA	MS Ramaiah Institute of Technology, Bengaluru	4th June 2020 to 8th June 2020
Online Short-Term Training Programme (STTP)	Green Building, Energy Efficiency and Energy Policy for Sustainable Future" under TEQIP-III	Green Building,	under Collaborative Research Scheme (CRS) of Assam Science and Technology University, Guwahati (under the aegis of TEQIP-III, MHRD, GoI)	June 08-13, 2020
Two-week course	Digital Transformation in Teaching Learning Process	Digital Transformation in Teaching Learning	Indian Institute of Technology, Bombay	April 6th -22nd 2020
Two weeks	Online Teaching-Learning and Research Methodology	Teaching- Learning and Research Methodology	Faculty Development Programme (FDP) (In Association with RUSA and IQAC) Govt. P. G. College, Bilaspur, Rampur - Uttar Pradesh	18th – 29th July 2020
5-day Webinar	BIS codes pertaining to Civil Engineering	BIS codes – Civil Engineering	Department of Civil Engineering, Vidyavardhaka College of Engineering	20th -25th July 2020
5-day webinar	“Quality Control and Safety in Polymer & Allied Industries”	Quality Control and Safety in Industries	Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University (SJCE), Mysore	27th -31st July 2020
6-day Webinar	“Energy Efficiency and Green building”	Green Building	Department of Civil Engineering, Vidyavardhaka College of Engineering	3rd- 8th August 2020
One week FDP	“Advanced or Smart Processing Technology”	Smart Processing Technology	Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University (SJCE) Mysore	10th to 14th August 2020
Three-day Webinar	Climate Change and Disaster Risk Reduction	Climate Change	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India OP Jindal University, Raigarh	18th -20th August 2020

Two Weeks	Fabrication Of Electronic Devices Using Nanomaterials	Nanomaterials	Department of Electronics and Communication Engineering, JSS Science and Technology University (SJCE)	24th August to 4th September 2020
5 Days	Five Day National Level Faculty Development Program for Educators of Environmental Studies	Faculty Development Program for Educators of Environmental Studies	Department of Chemical Engineering, JNTUA College of Engineering Anantapur	21st to 25th September 2020
6 days	Waste Management and Environmental Protection – A Sustainable Approach	Waste Management	Nitte Meenakshi Institute of Technology, Bangalore	12th to 17th October 2020
One Week	Outcome Based Education and Accreditation	Outcome Based Education	ISTE, Telangana Section in association with JNTUH College of Engineering, Hyderabad and Swecha	5th Oct to 9th Oct 2020
One Week AICTE sponsored online STTP	“Wastewater – the untapped resource for next-generation”	Wastewater	BLDEA's V P Dr P G Halakatti College of Engineering Vijayapur	02 <sup>nd</sup> to 07th November 2020
5 days	Advancements in Civil Engineering (with emphasis on Water Resources, Environment Engineering and Climate Change)	Advancements in Civil Engineering	Department of Civil Engineering, IIT, Indore	02 <sup>nd</sup> to 06th November 2020
5 days	Waste Technology	Waste Technology	AICTE Training and Learning (ATAL) Academy, conducted at B.M.S. College of Engineering.	23-11-2020 to 27-11-2020
5 days	Waste Technology	Waste Technology	AICTE Training and Learning (ATAL) Academy, conducted at C V Raman Global University.	21-12-2020 to 25-12-2020
Two days' Workshop	Integrated Solid Waste Management (ISWM)	Solid Waste Management	Department of Environmental Engineering held at Sri Jayachamarajendra College of Engineering (SJCE), JSS Science and Technology University, Mysuru	6th – 7th September, 2019.

**NPTEL Courses:**

- 12 weeks NPTEL online certificate course on Municipal Solid Waste Management organized by IIT, Madras.
- 8 weeks NPTEL online certificate course on Plastic Waste Management organized by IIT, Madras.
- 12 weeks NPTEL online certificate course on Water Supply Engineering organized by IIT, Madras.

**Online webinar Attended during 2018-19**

Sl.No.	Title FDP/Training program/workshop	Name Organization Conducted the FDP/Training program/workshop	Duration of Training Program From date – To date
<u>1</u>	Geospatial Technologies	TEQIP-III organized by Department of Construction Technology and Management, JSS Science and Technology University (SJCE)	One week 15th - 19th July 2019
<u>2</u>	“Advanced Materials for Energy, Water and Health”	Department of Polymer Science and Technology and Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University (SJCE)Mysore	One week 22nd to 27th July2019
<u>3</u>	“Integrated Solid Waste Management” (ISWM)	Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University (SJCE) Mysore	Two days’ workshop 6th to 7th September 2019

**NPTEL Courses:**

- 4 weeks NPTEL online certificate course on Electronic Waste Management organized by IIT, Madras (Jan-Feb 2019).
- 12 weeks NPTEL online certificate course on Wastewater Treatment and Recycling organized by IIT, Madras (Jul-Oct 2019).
- 8 weeks NPTEL online certificate course on Fluid Mechanics organized by IIT, Madras (Aug-Oct 2019).

**Additional Responsibilities taken in the Institution**

- Coordinator for Indian Red Cross Society (IRCS) of the University - Recognized as IRCS coordinator from (20-9-2021). Have conducted blood donation camp in association with JSS Medical College, Mysore.
- Coordinator of Institution Innovation Council (IIC)
- Other Role: Coordinator for – DUGC, NBA, NACC, UG Program, Department Research Coordinator
- Have participated in JSS STU UG project Exhibition (JSSSTU-UPEX2024) organized by JSS S&TU, Mysuru on 18<sup>th</sup> May 2024.

**Out-Reach Activities**

- Delivered a Lecture on Disaster Management on 30<sup>th</sup> March 2023 at Department of Computer Science and Engineering, JSS Polytechnic for the Differently Abled, Mysuru.
- Delivered a Lecture on Biomedical Waste Management on 27<sup>th</sup> December 2022 at Department of Computer Science and Engineering, JSS Polytechnic for the Differently Abled, Mysuru.
- Invited as a guest speaker for World Environmental Day on 9<sup>th</sup> June 2023 organized by Karnataka State Pollution Control Board, Hunsur Taluk, Mysuru.

- Invited as a guest (judge) for science exhibition (Avishkar-2024) at school, Rashtrtthana Vidya Kendra. on 24-02-24.
- Delivered guest lecture on E-Waste Management

### **Courses Taught**

#### **B.E (Environmental Engineering)**

- Engineering mechanics
- Strength of materials
- Survey Engineering
- Fluid Mechanics-I
- Fluid mechanics-II
- Origin and characterization of environmental pollution
- Hydrology
- Hazardous waste management
- Materials of construction
- Geology and Geotechnology
- Disaster management
- Environmental system's optimization
- Estimation, Specifications and Financial aspects
- Applications of Statistics in Environmental Engineering
- Transport and Fate of Environmental Pollutants
- Environmental Chemistry and Applications
- Environmental studies
- Survey practice
- Fluid mechanics lab
- Environmental process lab-I
- Environmental process lab-II
- Environmental Microbiology Laboratory
- Water quality analysis Laboratory
- Noise and emission measurement lab
- Design and drawing for environmental systems-I
- Design and drawing for environmental systems-II

#### **M.Tech (Environmental Engineering)**

- Transport Process and Modelling
- Environmental Legislation and Impact Assessment
- Physico-chemical Processes for water Treatment

#### **M.Tech (Health Science & Water Engineering)**

- Occupational Safety and Health

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### **PERSONAL STRENGTHS**

Creativeness, Positive thinking, Communication and Analytical skills, Teamwork and Strong work ethic.

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### **PERSONAL DETAILS**

Date of Birth : 24.7.1984  
Languages Known : Kannada, English and Hindi  
Nationality : Indian

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**DECLARATION**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place:

**(VISHISHTTA NAGARAJ)**