



## FACULTY BIODATA

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<b>1. <u>General information</u></b>		
1	Name	KRISHNASWAROOP C D
2	Qualification	BE., MTech.,
3	Designation	Assistant Professor
4	Teaching Experience	1.8 Years

<b>2. <u>Educational Qualification</u></b>			
Degree/ Certificate	Institutional / University	Year	Percentage/CGPA
M.TECH in ENVIRONMENTAL ENG.	SJCE, Mysore (JSS&STU)	2022	9.11
B.E in CIVIL ENGINEERING	Malnad College Of Engineering, Hassan	2020	7.58
DIPLOMA in CIVIL ENGINEERING	Rajeev Polytechnic, Hassan Board of Technical Education	2017	77.66
SSSLC	Sri Ramakrishna Vidhyalaya, Hassan	2012	69.76

<b>3. <u>Achievements</u></b>	
Grants received from KSCST for my UG Project	
<b>Title</b>	Self Compacting Concrete Replacing Fine Aggregate by Soil
<b>Year</b>	2020
<b>Reference Number</b>	43S_BE_2016

<b>4. <u>List of Publications</u></b>						
<b>Sl. No.</b>	<b>Title</b>	<b>Journal with Vol. &amp; Page No.</b>	<b>ISSN / ISBN No.</b>	<b>No. of Co-authors</b>	<b>Whether you are the main author or Guide / mentor</b>	<b>Year</b>
1	“STUDY ON REMOVAL OF HARDNESS FROM GROUNDWATER USING LOW-COST ADSORBENT”	International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 10	e-ISSN: 2395-0056 p-ISSN: 2395-0072	3	Main Author	Oct 2022
2	“REPLACING REVERSE OSMOSIS USING LOW COST ADSORBENTS”	International Research Journal of Engineering and Technology (IRJET), Volume: 11 Issue: 05   May 2024	e-ISSN: 2395-0056 p-ISSN: 2395-0072	2	Main Author	May 2024
3	"SUSTAINABLE ENERGY SOLUTIONS: BIODIESEL BLENDS FROM BITTERWOOD OIL FOR ENGINE EFFICIENCY AND EMISSION (Q3)	Tuijin Jishu/ Journal of Propulsion Technology ISSN: 1001-4055 Volume: 45 No.3 2024	1001-4055	6	Author	Nov 24

<b>5. <u>List of Conference</u></b>			
<b>Sl. No.</b>	<b>Title</b>	<b>Organized by</b>	<b>Year</b>
1	Water Quality Distribution in Duragam Cheruvu Lake	Indian Institute of Engineering Science and Technology, Shibpur - ATIPC	2024
2	A Comparative Study on Seawater Desalination Using Low-Cost Adsorbents	ASCE, Punjab	2025

<b>6. <u>List of Proceedings</u></b>				
<b>Sl. No.</b>	<b>Title</b>	<b>Organized by</b>	<b>Published</b>	<b>Year</b>
1	Water Quality Distribution in Duragam Cheruvu Lake	Indian Institute of Engineering Science and Technology, Shibpur - ATIPC	SCOPUS Indexed "SPRINGER PROCEEDINGS IN EARTH AND ENVIRONMENTAL SCIENCES (SPEES) by Springer Nature	2024

### **7. Book Chapter**

Sl No.	Book Title	Chapter No.	Chapter Title	Publication Date
1	TRANSCENDNIG BOUNDARIES: NEW DIMENSIONS IN MULTIDISCIPLINARY RESEARCH	24	ASSESSING THE IMPACT OF POLLUTION ON PUBLIC HEALTH	July 2024

### **8. Patents Published/ Granted**

Sl No.	Title of the invention	Application / Design Number	Patent Type	Publication Date
1	Green Roof System With Integrated Rainwater Harvesting	202441043401 A	Utility - Indian	14/06/2024
2	Solar Powered Water Purification Device	6372128	Design - UK	21/06/2024
3	IOT Based Organic Waste Composter	432232-001	Design - India	04/12/2024

### **9. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty Development Programs, NPTEL Courses**

Sl. No.	Name of Course/ Summer/ Winter School	Duration	Organized by	Year
1	Electronic waste Management	4 weeks	NPTEL	Jan 2023
2	Digital Image processing using MATLAB	5 days	IFERP	Feb 2023
3	Intellectual Property Rights (IPR) & IP Management	3days	IFERP	Apr 2023
4	Emerging Methods & Models in Artificial Intelligence & Machine Learning	3 days	IFERP	Apr 2023
5	Choosing scholarly Journals & Guidelines to publish Scientific Articles	3 days	IFERP	May 2023
6	Advanced Techniques in Machine learning for Data Science	3 days	IFERP	Jun 2023
7	Global Navigation Satellite Systems & Applications	4 weeks	NTPEL	Jul- Aug 2023
8	Drone Survey, photogrammetry & digitization of maps for Engineering Applications	5 days	Presidency University	Aug 2023

9	Air, Water pollution & Health	1 week	NITTR	Aug 2023
10	Analysis, Design & Testing of Towers	5 days	NITTE Meenakshi	Sept 2023
11	Municipal Solid Waste Management	12 weeks	NTPEL	Jul-Oct 2023
12	2nd series of Advancements in concrete Technology (AICTE-2023)	5 days	Ballari Institute of Technology	Nov 2023
13	Innovation and Design Thinking using AICTE IDEA LAB facility	1 week	AICTE Training and Learning (ATAL) Academy	Jan 2024
14	“Sustainable Environment- An Engineering Perspective (SEEP: 2024)”	1 week	ASSAM Engineering College, GUWAHATI	Jan 2024
15	“Empowering Educators : AI Tools for Engineering and Technology(AITET-2024)”	1 week	Chaitanya Bharathi Institute of Technology (A), Hyderabad	Feb 2024
16	Recent Advances and Research Scope in Geotechnical Engineering	1 week	Jorhat Engineering College, Assam	Jun 2024
17	New Generation Smart Materials and Composites for Sustainable Development	1 week	Malnad College of Engineering, Hassan	Jun 2024
18	Recent Advances in Structural Engineering’s and Material Science (RASEMS)	1 week	Jorhat Engineering College	June 2024
19	Emerging Technologies and Innovations: Pioneering Environmental Sustainability (ETIPES - 2024)	1 week	K.K Wagh Institute of Engineering Education and Reserch	Sept 2024
20	Waste to Wealth Innovation	1 week	AICTE Training and Learning (ATAL) Academy & NITTTR	Dec 2024
21	Design Thinking and Sustainable Innovation in Green Communication Systems Towards SDG Goals	1 week	AICTE Training and Learning (ATAL) Academy	Dec 2024
22	Vehicle Electrification: Future Mobility Trends	1 week	AICTE Training and Learning (ATAL) Academy	Jan 2025
23	The Role of Artificial Intelligence in Sustainable Waste Management	1 week	AICTE Training and Learning (ATAL) Academy	Feb 2025

<b>10. <u>Key Resource Person</u></b>			
<b>Sl No.</b>	<b>Programme</b>	<b>Place</b>	<b>Date</b>
1	Jal Jeevan Mission	Hassan District	12 Feb 2024 - 27 Feb 2024

<b>11. <u>Academic Background</u></b>		
<b>Sl. No</b>	<b>Responsibilities</b>	<b>Academic Year</b>
1	Contineo Coordinator	2023-Till date
2	Time Table Coordinator	2023- Till date
3	Dept. Website Coordinator	2023 -Till date
4	Dept. Paper Seeing Coordinator	2023- Till date

<b>12. <u>Subjects Handled</u></b>				
<b>Sl. No</b>	<b>Subjects</b>	<b>Subject Code</b>	<b>Semester</b>	<b>Academic Year</b>
1	Irrigation Engineering and Hydraulics Structure	20CV603	Even	2022-2023
2	Innovation and Design Thinking	22IDT28	Even	2022-2023
3	Waste Management	23ETC15F	Odd	2023-2024
4	Environmental Protection and Management	22CV306C	Odd	2023-2024
5	Innovation and Design Thinking	22IDT18	Odd	2023-2024
6	Waste Management	23ETC25F	Even	2023-2024
7	Components of a Smart City	22CV456B	Even	2023-2024
8	Solid Waste Management	21CV656	Even	2023-2024
9	Innovation and Design Thinking	23IDT28	Even	2023-2024
10	Waste Management	24ETC415F	odd	2024-2025
11	Innovation and Design Thinking	24IDT18	Odd	2024-2025
12	Rural Water Supply and Sanitation	21CV744	Odd	2024-2025
13	Environmental Protection and Management	22CV306C	Odd	2024-2025
14	Waste Management	24ETC425F	Even	2024-2025
15	Components of a Smart City	23CV456B	Even	2024-2025
16	Innovation and Design Thinking	24IDT28	Even	2024-2025