

CURRICULUM VITAE

SUMANA Y B

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Career objective:

To secure a position where my knowledge and skill can be used to add value to the given assignment, to work in a competitive atmosphere and to deliver the results expected from me with high degree of quality, sincerity and to give my full strength and ability to my work.

Academic Profile:

Course	Institution	Board	Year	Percentage obtained
M.Tech (Environmental Engineering)	Bapuji Institute of Engineering and Technology	Vivesvaraya Technological University	2011-2013	78%
B.E. (Civil)	Bapuji Institute of Engineering and Technology	Vivesvaraya Technological University	2007-2011	71.75%
P.U.C	Bapuji science PU college, Davangere	PUE Board, Karnataka	2005-2007	72.16%
S.S.L.C	St. Paul's Convent girls high school, Davangere	KSEEB, Karnataka	2005	90.24%

Pursuing Ph.D:

Title: 'Study of emission characteristics of a diesel engine fuelled with waste cooking oil methyl ester, diesel and ethanol blends'

Research Centre: VTU, Belagavi

Research Institution: Bapuji Institute of Engineering and Technology

Supervisor: Dr. Suresh S

Co-Supervisor: Dr. H B Aravinda

Teaching Experience:

Name of the Institution	Designation	Period		Total	
		From	To	Years	Months
GM INSTITUTE OF TECHNOLOGY	Assistant Professor	21-08-2013	02-06-2017	04	-
BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY	Assistant Professor	02-11-2023	TILL DATE		

Subjects handled:

- ❖ Geotechnical Engg-I
- ❖ Geotechnical Engg-II
- ❖ Geotechnical Engg Lab
- ❖ Basic Geotechnical Engg
- ❖ Pavement Materials and Construction
- ❖ Pavement Design
- ❖ Environmental Engg-I
- ❖ Environmental Engg-II
- ❖ Environmental Engg lab
- ❖ Advanced Water Treatment Technology
- ❖ Public Health Engineering
- ❖ Environmental Protection and Management
- ❖ Occupational Safety and Health

Projects Guided:

- ❖ Water quality analysis of Katral lake in Chitradurga district.
- ❖ Planning and design of a residential building for different orientations
- ❖ Stabilization of black cotton soil using lime
- ❖ Planning and design of a high school building in GMIT campus
- ❖ Comparative study on properties of soil for different layouts in Davanagere city.
- ❖ Removal Efficiency of Methylene blue dye using chemically activated water melon rinds as a low cost adsorbent
- ❖ Absorption Competency of Duck weed and water lettuce towards Cd and Ni in electroplating waste water.

Journals Published:

<u>Sl. No</u>	<u>Title of the paper</u>	<u>National/International</u>	<u>Year of Publication</u>	<u>Authors Details</u>	<u>Name of the Journal</u>
01	<i>Fluoridation Zonation Map of Jagalur Taluk, Davanagere District, India</i>	<i>International</i>	2014	<i>S.A. Gangaraju, G. Chandrakantha, Y.B. Sumana</i>	<i>International Research Journal of Earth Sciences</i>
02	<i>Removal Efficiency of Methylene blue dye using chemically activated water melon rinds as a low cost adsorbent</i>	<i>International</i>	2022	<i>Chaitra G.D, Sumana Y.B,</i>	<i>IRJET</i>
03	<i>Absorption Competency of Duck weed and water lettuce towards Cd and Ni in electroplating waste water</i>	<i>International</i>	2022	<i>Hemantha A Sumana Y.B,</i>	<i>IRJET</i>
04	<i>Plastic Waste Quantification, characterization and its management in Davanagere City</i>	<i>International</i>	2022	<i>Mahesh B, Praveenkumar G.B, Sumana Y.B</i>	<i>IRJET</i>
05	<i>Waste Cooking oil Biodiesel and their ethanol blends for diesel engine applications</i>	<i>International</i>	2023	<i>Sumana Y.B Suresh S, H.B.Aravinda,N.R. Banapurmath</i>	<i>HTL</i>

NPTEL COURSES CLEARED:

- Environmental Impact Assessment
- Geotechnical Engineering laboratory
- Municipal Solid Waste Management
- Sustainable Engineering Concepts And Life Cycle Analysis

FDP'S ATTENDED

Inculcating Universal Human Values in Technical Education
“Resource recovery and reuse : waste to wealth”

Workshops/Training Attended:

<u>Sl.No</u>	<u>Topic of the workshop</u>	<u>Organised by</u>	<u>Place</u>
01	LATEX	Department of CSE	GMIT, Davanagere
02	Modern Approaches for Effective Management of MSWM	Department of Civil	BIET, Davanagere
03	Universal Human Values and Professional Ethics	Department of Civil	BIET, Davanagere
04	Applications of GIS in ULBs/Corporations	BIET	Davanagere
05	Interface of IPR in academics and Entrepreneurship	BIET	Davanagere
06	Implementation of National Education Policy -2020	BIET	Davanagere

Personal Strengths:

- Hard worker
- Team facilitator and good follower
- Willingness to take up challenges

Personal Details:

Name	Sumana Y B
Permanent Address	#2480/1A1, 9 th Main M.C.C. 'A' Block Davanagere-577004
Gender	Female
Date of Birth	10-08-1989
Name of Father	Ramanatha Y B
Name of Mother	Pushpavathi Y B
Name of Spouse	Dr. Vinaykumar S
Nationality	Indian

Declaration:

I hereby declare that the details stated above are authentic to the best of my knowledge and belief.

Sumana Y B