

# Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi)

### **Faculty Biodata**

## GENERAL INFORMATION AND ACADEMIC BACKGROUND

## PART-A

1.	Name(in BlockLetters)	Dr. SAMSKRUTHI K P
2.	Qualification	PhD
3.	Date of joining the service at MCE	26/08/2024
4.	Department	Chemistry
5.	Current Designation & Experience in MCE	Assistant Professor – 1.4years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	0.8 0.4
<b>Research Experience (in Years)</b>		
7.	a) Total Number of years b) Years spent in M. Phil. / Ph.D. c) Years of Guiding Ph.D. / M. Phil. d) Total No. of papers Published in i. International Journals ii. National Journals iii. Conference Proceedings e) Total No. of Conferences/Seminar/Workshop Attended i. International ii. National iii. State Level	4 years PhD – 4years 3 publications in International Journal          2 3
8.	Awards /Prizes/ Honor's / Recognitions	Nil
9.	Fields of Specialization under the Subject / Discipline	Nanoscience & Electrochemistry
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	Nil

## **PART-B**

### **1. List of Publications:**

<b>Sl. No.</b>	<b>Title</b>	<b>Name of the Journal, Vol. No., Year</b>	<b>ISSN/ISBN/Number</b>
<b>1.</b>	SYNTHESIS AND CHARACTERIZATION OF SNO <sub>2</sub> AND SNO <sub>2</sub> /ZNO NANOPARTICLES BY ELECTROCHEMICAL METHOD: EVALUATION OF THEIR PERFORMANCE IN PHOTODEGRADATION OF INDIGO CARMINE DYE AND ANTIBACTERIAL ACTIVITY	Asian Journal of Chemistry	ISSN: 0970-7077
<b>2.</b>	Electrochemical synthesis of ZnS/In <sub>2</sub> S <sub>3</sub> nanocomposite for photocatalytic oxidation of Acetic acid and its substituents, efficiency compared with ZnS, In <sub>2</sub> S <sub>3</sub> and TiO <sub>2</sub>	Elsevier (Chemical Data Collection)	ISSN: 2405-8300.
<b>3.</b>	Al <sub>2</sub> S <sub>3</sub> , Al <sub>2</sub> S <sub>3</sub> /NiS Nanomaterials Synthesis, Characterization and Photocatalytic Activity under Sunlight	Journal of Applicable Chemistry	ISSN: 2278-1862

### **2. Responsibilities in the Department and Institute / University:** (DAC,DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

<b>Sl.No</b>	<b>Responsibilities</b>
1.	Website Coordinator – Department level
2.	CDC member – Institution level

### **3. Details of Teaching Related Activities**

<b>Sl. No.</b>	<b>Academic Year</b>	<b>(B. E/M.Tech)</b>	<b>Course Title</b>
<b>1</b>	<b>24-25</b>	<b>B.E</b>	<b>Chemistry for CS &amp; engineering stream</b>
<b>2</b>	<b>24-25</b>	<b>B.E</b>	<b>Chemistry for E &amp; E Engineering stream</b>

**PART-C**

<b>Professional Development Activities</b>		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	Nil
	Participation in subject associations, conferences, seminars without paper presentation	2 <sup>nd</sup> International Conference on “Sustainable Energy and Environmental solutions” held on December 2025, Reva University
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	Nil
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	Nil
	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	Radio talk on “Chemicals in daily life” at Hassan, Akashavani.
	Invited Expert Talks	Nil

**RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS****1. Published Papers in Journals**

Sl. No.	Title	Journal with Vol. Year & Page No.	ISSN / ISBN No.	Whether peer reviewed. Impact factor, if any	No. of Co-authors	Whether you are the main author or Guide / mentor
1	Nil					

**2. Papers presented in Conferences, Seminars, Workshops, Symposia**

Sl. No.	Title	Title of Conference/Seminar etc.	Dates of the Event	Organized by	Whether International/National/State/Regional/University Level
1	Conference	2 <sup>nd</sup> International Conference on “Sustainable Energy and Environmental solutions”	December 12 <sup>th</sup> & 13 <sup>th</sup>	Reva University	International

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