



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	Dr. RAJU S.P.
2.	Qualification	M.Sc., Ph.D.
3.	Date of joining the service at MCE	12/09/2023
4.	Department	PHYSICS
5.	Current Designation & Experience in MCE	ASSISTANT PROFESSOR
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	6
Research Experience (in Years)		
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	10 Years 5 Years 2 Years 08 00 04 04 03 00
8.	Awards /Prizes/ Honor's / Recognitions	02 (Best poster award in national (01) and International (02) Conference)
9.	Fields of Specialization under the Subject / Discipline	Nanotechnology, Solidstate Physics, and Quantum computing
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	10

PART-B

1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	Fluorescent sensitized irradiation sensing and recording hybrid quantum dot embedded polymer nanocomposites	Physica Scripta, 97, 2022	1402-4896
2.	Study on effects of shockwave treatment on PVA films in view of electrical property changes	Material Research Express, 7, 2020	2053-1591
3.	Shock Wave Treated PVA Films as Alternative Bio Degradable Polymer for Packaging Industry	Engineering Reports, 3, 2020	2577-8196
4.	Shock tube data processing tools using open source hardware and software platforms	J. NANO-ELECTRON. PHYS., 12, 2020	2077-6772

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.)

Sl. No	Responsibilities
1.	<u>Co-coordinator of AICTE IDEA LAB</u>
2.	Convenor of workshops, competitions, and project activities – AICTE IDEA LAB
3.	College level - Member- SRC, BOE, , All committees of AICTE IDEA LAB, Anti-ragging committee, SRC (ongoing)
4.	Department level – Member – BOS, BOE, website update coordinator,
5.	Convenor of workshops, competitions, and project activities (Physics), Contineo faculty (PE),
6.	Induction program coordinator, Unnat Bharat Abhiyan Cooordinator, Institution Innovation Cell – Executive coordinator, Chief coordinator of Innovation and Design Thinking LAB, Module administrator of Samarth (Old)
7.	Chief coordinator of Quantum Computing LAB
8.	Editor & author (V-1) of VIGNYAN magazine

3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1)	2018-19 (SEM I and SEM II)	B.E.	Engineering Physics
2)	2019-20 (SEM I and SEM II)	B.E.	Engineering Physics
3)	2020-21 (SEM I and SEM II)	B.E.	Engineering Physics and

			Introduction to Nanotechnology and Quantum Science
4)	2021-22 (SEM I and SEM II)	B.E.	Engineering Physics for electrical and Electronics stream, and Introduction to Nanotechnology and Quantum Science
5)	2022-23 (SEM I and SEM II)	B.E.	Engineering Physics for Computer Science and Engineering Stream, and Introduction to Nanotechnology and Quantum Science
6)	2023-24 (SEM I and SEM II)	B.E.	Engineering Physics for electrical and Electronics stream, and Introduction to Nanotechnology and Quantum Science

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	01
	Participation in subject associations, conferences, seminars without paper presentation	01
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	05
	Invited Expert Talks	02