



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	Mr.PRATHAP M.S.
2.	Qualification	BE., M.Tech., (Ph.D.)
3.	Date of joining the service at MCE	07-09-2013
4.	Department	Mechanical Engineering
5.	Current Designation & Experience in MCE	Assistant Professor (10 Years in MCE)
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	 10
Research Experience (in Years)		
7.	a) Total Number of years b) Years spent in 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	 03 Years Ongoing Nil 4 3 Nil Nil 02 02 Nil Nil
8.	Awards /Prizes/ Honor's / Recognitions	-
9.	Fields of Specialization under the Subject / Discipline	Design
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	02

PART-B

1. List of Publications:

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	Combined Slurry and Cavitation Erosion Resistance of HVOF Thermal Spray Coated Stainless Steel	www.materialstoday.com/proceedings	https://doi.org/10.1016/j.matpr.2017.01.046
2.	Combined slurry and cavitation erosion resistance of surface modified SS410 stainless steel	IOP Conference Series: Materials Science and Engineering, Volume 330, International Conference on Recent Advances in Materials, Mechanical and Civil Engineering 1-2 June 2017, Hyderabad, India	https://iopscience.iop.org/article/10.1088/1757-899X/330/1/012007/meta
3.	Combined slurry and cavitation erosion resistance of HVOF spray coated SS 410 steel	IOP Conference Series: Materials Science and Engineering, Volume 149, International Conference on Advances in Materials and Manufacturing Applications (IConAMMA-2016) 14-16 July 2016, Bangalore, India	https://iopscience.iop.org/article/10.1088/1757-899X/149/1/012053/meta
4.	IMPROVING DIE LIFE AND MATERIAL UTILIZATION DURING HOT FORGING THROUGH FINITE ELEMENT SIMULATION	International Research Journal of Engineering and Technology (IRJET)	e-ISSN: 2395-0056 Volume: 07 Issue: 05 May 2020 www.irjet.net p-ISSN: 2395-0072

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.	Exam Staff Dean
2.	Malnad Eco Club Convener
3.	Member CDC
4.	Member Anti-ragging Committee
5.	Coordinator MEA
6.	Coordinator News Letter
7.	Coordinator Placement/Higher Studies
8.	Department Placement In charge
9.	Member BOS
10.	Member BOE
11.	Faculty Advisor
12.	Mentor
13.	Main Project Coordinator

3. Details of TeachingRelated Activities

Sl. No.	(B. E/M.Tech)	Course Title
1.	B.E.	Operation Research
2.	B.E.	Computer Aided Engineering Drawing
3.	B.E.	Control Systems
4.	B.E.	Mechanical Vibrations
5.	B.E.	Principles of CAD/CAM
6.	B.E.	Product Design and Manufacturing
7.	B.E.	Machine Drawing
8.	B.E.	Production Drawing
9.	B.E.	Finite Element Method
10.	B.E.	Geometric Dimensioning and Tolerancing
11.	B.E.	Basic Workshop
12.	B.E.	Machine Shop I/II
13.	B.E.	Fluid Mechanics Laboratory
14.	B.E.	Material Testing Laboratory
15.	B.E.	Measurement and Metrology Laboratory
16.	B.E.	Foundry and Forging Laboratory
17.	B.E.	CAD CAM Laboratory
18.	B.E.	Energy Conversion Laboratory
19.	B.E.	CAM and CAEA Laboratory
20.	B.E.	Design Laboratory
21.	B.E.	HP Laboratory
22.	B.E.	HT Laboratory

Professional Development Activities		
	Membership in profession related committees at state and national level a) At International b) At national level: c) At state :	-
	Participation in subject associations, conferences, seminars without paper presentation	-
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	02
	Membership/participation in State/Central Bodies/Committees on Education, Research and National Development	-
	Publication of articles in newspapers, magazines, or other publications (not covered in category 3); radio talks; television programmes	-
	Invited Expert Talks	-

PART-C

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.						
2.						
3.						

2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes

Sl. No.	Title	Duration	Venue
1.	Empowering Teachers	October 24th & 25th 2013	MCE, Hassan, Karnataka
2.	Essential Skills For Mechanical Engineers	01th to 5 th Sept,2014	MCE,Hassan
3.	Effective Teacing and Pedagogical Practices	9 th to 11 th Oct,2015	MCE,Hassan
4.	FEEL Teacher	June 6th to 11th 2016	MCE, Hassan, Karnataka
5.	“Training on the use of the MTL 32, Test Builder, Monotonic, Tensile Fatigue, Compression, 3-point bend, LCF,VAFCP, K1c and J1c Application software in Biss Machine”	16 th and 17 th Sept,2016	Bangalore Integrated System Solutions,Bangalore
6.	Virtual Laboratory	February 16th 2017	MCE, Hassan, Karnataka
7.	Technology Involved in Rapid Prototyping and Reverse Engineering	February 20th 2017	MCE, Hassan, Karnataka
8.	Micro and Nano Scale Heat Transfer for the Application of Electronic Cooling	Feb 27 th to 1th Mar,2017	The National Institute of Engineering, Mysore
9.	Being a Great Teacher	November 3rd to 4th 2018	MCE, Hassan
10.	Industry Based Training on “ <i>CNC Training on Milling & Turning</i> ”	5 th to 10 th March,2018	MTAB Technology Centre Pvt.Ltd.,Chennai
11.	“FEM & Experimental Vibration Techniques”	11 th & 12 th May 2019	VTU,Belagavi
12.	Intellectual Property Rights and Innovations	June 23rd 27th 2020	EWIT Bengaluru
13.	“Light Weight Structures for Engineering Applications through Composites and Topology Optimization”	27 th Jan to 7 th Feb,2020	GEC,Hassan
14.	Geometric Dimensioning and Tolerancing	28 th & 29 th Sept,2022	MCE, Hassan
15.	“CREO for DESIGN”	6 th to 22 nd Feb,2023	GTTC,Hassan

Online Certification Courses (SWAYAM/NPTEL/MOOC's etc..)

Sl. No.	Title	Duration	Venue
1.	Manufacturing Guidelines for Product Design	8 week course	Online(Feb-Apr 2023)
2.			
3.			

3. 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/Unive rsity/College Level
1.					
2.					
3.					
4.					
5.					