Malnad College of Engineering, Hassan

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

Faculty Biodata

GENERALINFORMATION AND ACADEMIC BACKGROUND

PART-A

1.	Name	**TEJONIDHI M R**
2.	Qualification	**B.E., M.Tech**
3.	Date of joining the service at MCE	**23/08/2013**
4.	Department	**COMPUTER SCIENCE AND ENGINEERING**
5.	Current Designation &Experience in MCE	**ASSISTANT PROFESSOR** **10 Years**
6.	**Teaching Experience:** P.G. (in Years) : U.G. (in Years) :	**3 Years** **7 Years**
	Research Experience (in Years)	
7.	a) **Total Number of years**	**01**
	b) **Years spent in M. Phil. / Ph.D.**	**01**
	c) **Years of Guiding Ph.D. / M. Phil.**	**-**
	d) **Total No. of papers Published in**	
	i. International Journals	**-**
	ii. National Journals	**01**
	iii. Conference Proceedings	**19**
	e) **Total No. of Conferences/Seminar/Workshop Attended**	
	i. International	**13**
	ii. National	**08**
	iii. State Level	**02**
8.	**Awards /Prizes/ Honor's / Recognitions**	**-**
9.	**Fields of Specialization under the Subject / Discipline**	a) Computer Networks b) Internet of Things and Parallel Computing c) Image Processing and Big Data analytics. d) Cloud Computing.

10. Orientation/Refresher Course/Summer School / Winter School/Workshops attended:

Sl. No.	Name of Course/Summer/Winter School	Place	Duration	Sponsoring Agency
1.	Gaining Insight into data science and data Analytics	MCE, Hassan	15th to 27th July 2019	AICTE
2.	Green ,Smart,5G Technologies	MCE, Hassan	09th to 21st Dec 2019	AICTE
3.	IUCEE International Engineering Educator Workshop – Phase I	MCE, Hassan	26th to 28th Dec 2019	TEQIP-III
4.	Introduction to Industry 4.0 and Internet of Things	MCE, Hassan	Jan-Apr 2020	NPTEL-AICTE
5.	Digital Transformation in Teaching Learning Process	MCE, Hassan	6th to 22nd Apr 2020	TEQIP-III
6.	Block chain	MCE, Hassan	3rd to 7th Nov 2020	AICTE
7.	IUCEE International Engineering Educator Workshop – Phase II	MCE,Hassan	Spring 2020	TEQIP-III
8.	Computer Science & Biology	MCE, Hassan	19th to 23rd Jan 2021	AICTE
9.	Cloud Computing	MCE, Hassan	Aug-Oct 2022	NPTEL-AICTE
10.	Being a Great Teacher-Pedagogical training	MCE, Hassan	3rd and 4th Nov 2018	TEQIP-III

.**PART-B**

1. **List of Publications:**

Sl. No.	Title	Name of the Journal, Vol. No., Year	ISSN/ISBN/Number
1.	Parallel Merge Sort Based Performance Evaluation and comparison of MPI and PVM	Page 530-534, April 2013	978-1-4673-5759-3
2.	Performance Evaluation of Secured Cooperating Routing Protocol in CR-Ad-Hoc Networks	Page 142-148, May 2014	
3.	Heuristics Based Optimal Filtering of Malicious Traffic	Page 138-141 May 2014	
4.	Efficient filter construction for access control in firewalls	Page 75, Oct 2014	978-93-83083-89-3

5.	Evaluation of Performance Dependency of MPI and PVM Based Parallel Applications on Broadcast Operation	May ,2014	978-3-643-24819-03
6.	Research based approach on NS-2 for Post-Graduation Course	Jan-16	2394-1707
7.	A Practical Approach to Teach Web Programming Course	Jan-16	2394-1707
8.	Plant Disease Analysis using Histogram Matching Based on Bhattacharya's Distance Calculation	Mar-16	978-1-4673-9939-5
9.	A Guide to Grant Proposal Writing	Engineering Education Transformation, Jan 2017	
10.	Oculus Supervised Wheel Chair Control for People with Loco motor Disabilities	Mar-17	978-1-5090-6701-5
11.	A Project Based Approach to Teach Object Oriented Modelling and Design Patterns	Engineering Education Transformation, Jan 2017	
12.	Alumni Mentoring Programme	Engineering Education Transformation, Jan 2018	2349-2473
13.	Exemplary Faculty Mentoring Programme	Jan-18	2349-2473
14.	A Recipe for the Use of ICT Tools in an Educational Institute	Jan-18	2349-2473
15.	An Unified Approach of Transform Techniques and Subspace model for Web Image Retrieval	IJCSITRE Nov-Dec 2017	2250-2734
16.	A Survey on IOT-Middleware and Image processing	ICAIT July 2019	978-1-7281-3241-9
17.	IOT based smart security gadget for women safety	ICAIT July 2019	978-1-7281-3241-9
18.	Eye Blink to Speech Conversion for Paralyzed (MND) Patients Using ML Based Algorithm	ICDSIS July 2022	978-1-6654-9801-2
19.	Predicting the Stock Price Using Natural Language Processing and Random Forest Regressor	ICDSIS July 2022	978-1-6654-9801-2
20.	Trend Detection in Stock Prices using Ensemble Methods	ICDSIS July 2022	978-1-6654-9801-2

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.	Working as Network Administrator for college network.
2.	Coordinated 2 workshops for students at department level.
3.	Organizing committee member in 2 FDPs
4.	Working as coordinator for VTU e – shikshana.
5.	Represented college in education fair -2018 held at Tripuravasini, palace grounds Bangalore.
6.	Coordinator for implementation of VEEM backup storage in examination section.
7.	Coordinated in development of new college website.
8.	Member of Anti-ragging committee
9.	Member of Campus Disciplinary Committee
10.	Coordinator for college level system maintenance.
11.	NAAC criterion 5 Coordinator at department level
12.	Member in Pre-qualifier SAR for NBA at department level

3. **Other relevant information:**
   - Successfully increased network bandwidth from 500 Mbps to 750Mbps.
   - Conducted workshop on Microsoft Excel for HRIHE students.
   - Conducted workshop for technical staff on OS installation in the Department of Computer Science and Technology.
   - Conducted one day workshop for students of ISE on "Computer Network Tools and Technologies"