


Faculty Profile

1	Name in Full	<p>NAME: RENUKA MALGE</p> <p>ADDRESS:RENUKA MALGE W/O SRINIVAS MALGE No.17, 1st Main Road, 4th cross, Vinayaka Nagar behind Canara Bank Hebbal. Bangalore-560024</p> <p>Phone No: +919902902964</p> <p>Email ID: renuka.malge@gmail.com renuka.malge@vtu.ac.in</p>					
2	Date of Birth	27/05/1984					
3	Qualification	B.E (CSE), M.Tech (Software Engineering)					
4	Date of Entry into Services	22/01/2014					
5	Designation	Assistant Professor					
6	Academic profile	Sl.No	Degree	Year	Subject	University	Percentage/Grade
		1	UG	2002-2006	Computer Science & Engineering	VTU, Belagaum	First Class
		2	PG	2006-2008	Software Engineering	VTU, Belagaum	First Class with Distinction
7	Positions held	Sl.No	Institutions	Year	Position Held		
		1	Sir M Visvesvaraya Institute of Technology, Bengaluru-562157	05/02/2009 To 28/02/2013	Lecturer		
		2	Sir M Visvesvaraya Institute of Technology, Bengaluru-562157	01/03/2013 To 21/01/2014	Assistant Professor		
		3	Visvesvaraya Technological University Belagavi Centre for Post Graduate Studies, Muddenahalli Chickballapur-562101	22/01/2014 To Till date	Assistant Professor		

Sl.No	COURSES TAUGHT
	Academic Year 2015-2016
1	13MCA11: Problem solving using C
2	13MCA16: C Programming Laboratory
3	13MCA36: JAVA programming Laboratory
4	13MCA57: Programming Using C# and.Net Laboratory
5	13MCA58: Mini Project
6	13MCA22: OOP using C++
7	13MCA27: OOP using C++ Laboratory
8	13MCA61: Project
	Academic Year 2016-2017
1	16MCA12: UNIX Programming
2	16MCA17: UNIX Programming Laboratory
3	13MCA555: Storage Area Networks
4	13MCA57: Programming Using C# and.Net Laboratory
5	13MCA58: Mini Project
6	16SCS23: Advanced Algorithm
7	14SCS424: Wireless network and mobile computing
8	13MCA48:Mini project
	Academic Year 2017-2018
1	16MCA12: UNIX Programming
2	16MCA17: UNIX Programming Laboratory
3	16MCA34:Software Engineering
4	13MCA555: Storage Area Networks
5	13MCA57: Programming Using C# and.Net Laboratory
6	13MCA58: Mini Project
7	16MCA22: Object oriented programming
8	16MCA27: Object oriented programming Laboratory
9	16MCA25: System software
10	13MCA443: Software architecture
11	13MCA48:Mini project

		Academic Year 2018-2019
	1	16MCA33: Analysis & Design of Algorithms
	2	16MCA38: Analysis & Design of algorithms Programming Laboratory
	3	16MCA544: Storage Area Networks
	4	13MCA555: Storage Area Networks
	5	13MCA56: Software design Laboratory
	6	18SAM15: Cognitive Science
	7	13MCA443: Software architecture
	8	17SCS424: wireless Network and Mobile Computing
		Academic Year 2019-2020
	1	18MCA11: OOP Using C++
	2	18MCA16:OOP Using C++ Laboratory
	3	16MCA544: Storage Area Networks
	4	18SAM332: Distributed Computing
	5	18SAM242: Biometric Systems
	6	18SAM26: Machine Learning laboratory
	7	18SAM27: Technical Seminar
	8	18MCA25: Operating System
	9	18MCA26:Java Programming laboratory
	10	18MCA27:Data Structure laboratory
	11	18MCA29:Mini Project
		Academic Year 2020-2021
	1	18MCA32: Programming with Python
	2	18MCA351: Software Testing
	3	18MCA37: Python Programming Laboratory
	4	18MCA36: DBMS Laboratory
	5	18SAM34:Project Phase -I
	6	18SAM35: Internship
	7	20MCA17:Unix Programming Laboratory
	8	20MCA16:Data Structures with Algorithms Lab

9	Areas of Specialization	Software Engineering, IoT, Artificial Intelligence, Machine Learning etc.	
10	Orientation/ Training / Refresher Courses/ Workshops and Conference attended with details.		
Sl.No	Details of paper/poster presentation/ conference and workshops attended	Place	Date/Year
1	THE STUDENT INTERNET WORLD AND IT MELA-2005	GULBARGA	29/10/2005
2	WORKBENCH FOR VxWORKS 6.x	WIPRO TECHNOLOGIES, BANGALORE	28/01/2008 To 29/01/2008
3	Workshop on COMPUTER CONCEPTS & C PROGRAMMING	REVA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BANGALORE	28/08/2010
4	Faculty development programme on CONCEPTS IN TESTING	COGNIZANT, MBP, BANGALORE	30/06/2011 To 01/07/2011
5	Workshop on MODELING, ANALYSIS & INDUSTRIAL APPLICATIONS OF ADVANCED OPERATIONS RESEARCH TECHNIQUES	M.S.RAMAMIAH INSTITUTE OF TECHNOLOGY BANGALORE	22/08/2011 To 27/08/2011
6	Workshop on CLOUD COMPUTING	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE	25/02/2012 To 26/02/2012
7	Faculty development programme on AGENT BASED SYSTEM & APPLICATIONS	M.S.RAMAMIAH INSTITUTE OF TECHNOLOGY BANGALORE	15/03/2012 To 17/03/2012
8	Workshop on CLOUD COMPUTING & WEB MINING	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE	29/03/2013 To 30/03/2013
9	Faculty development programme on RESEARCH OPPORTUNITY & CHALLENGES IN NEXT GENERATION NETWORKS	VTU,CPGS, BENGALURU	07/05/2014 To 10/05/2014
10	IBM SEED PROGRAMME	BANGALORE	15/10/2014 To 17/10/2014
11	Workshop on FACULTY SKILLSETS	VTU, CPGS, VIAT MUDDENAHALLI BENGALURU REGION	12/01/2015 To 17/01/2015
12	ISTD-SOUTHERN REGIONAL CONFERENCE,2015	VTU,REGIONAL CENTRE, BANGALORE	28/01/2015 To 29/01/2015
13	Faculty development programme on BIG DATA ANALYTICS	VTU, CPGS, VIAT MUDDENAHALLI CHICKBALLAPUR	08/06/2015 To 11/06/2015

14	Symposium on Women Empowerment	VTU, Regional office Bengaluru	26/02/2016
15	Faculty Development Programme CSI-VTU	VTU, Regional office Bengaluru	08/03/2016 To 09/03/2016
16	COMPUTATIONAL DATA SCIENCE	MSRIT, BANGALORE	13/06/2016 To 17/06/2016
17	Workshop on Emerging Technologies	VTU, Regional office Bengaluru	26/09/2016
18	Attended a workshop on A-view demonstration by VTU e-learning centre	at BIT Bangalore on	19/02/2018
19	Pedagogy Training in Technical Education	VTU, CPGS, VIAT MUDDENAHALLI CHICKBALLAPUR	16/01/2018 To 20/01/2018 (1 week)
20	New Model curriculum for PG Course-CBCS Detailed Syllabus as per OBE Format including CO and Bloom's Taxonomy	BNMIT, Bangalore	06/08/2018
21	Free and Open Source Software for Educational Institutions	VTU, Regional office Bangalore	01/09/2018
22	Workshop On Internet of Things	VTU, Regional office Bangalore	24/01/2019
23	AICTE One-week workshop on Network Data Analytics	MSRIT, Bangalore	01/07/2019 To 05/07/2019 (1 Week)
24	AICTE-VTU One Week Training program for Teachers on Machine Learning and Deep Learning With Python programming	VTU, CPGS, VIAT MUDDENAHALLI CHICKBALLAPUR	22/07/2019 To 26/07/2019 (1 Week)
25	Attended one week Workshop on Network Data Analytics-A hands on approach for application development	M S Ramaiah Institute of Technology, Bangalore.	01/07/2019 To 05/07/2019 (one week)
26	Attended one week AICTE-VTU joint training programme for teachers on Machine learning and Deep learning with Python Programming	VTU, Centre for PG studies, Muddenahalli, chickballapur	22/07/2019 To 26/07/2019 (one week)
27	Faculty development programme for the course Problem solving through programming using C	NPTEL-AICTE online course by IIT Madras	12 Weeks (JUL-OCT)

28	Attended UGC Sponsored Orientation Programme and obtained Grade A	Bangalore University	21 days Orientation programme from 03/02/2020 To 24/02/2020
29	Attended one week AICTE-VTU joint training programme for Teachers on An overview of Teaching Techniques in Microcontroller and Embedded systems.	VTU Centre for PG Studies Muddenahalli Chickballapur	20/01/2020 To 24/01/2020 (One Week)
30	Attended one week Faculty development program and online training on SCILAB-An open source substitute for MATLAB	Online JNTUH and Spoken tutorial project IIT Bombay	25/05/2020 To 30/05/2020 (One Week)
31	Attended one Week International Faculty development program in online mode on Digital Learning with multidisciplinary approaches held from.	Online at JSS academy of Technical Education, Noida	12/06/2020 To 17/06/2020 (one week)
32	Participated in TEQIP Sponsored one week online international faculty development program on Deep learning and Computational Intelligence in Internet era	Online at GBIT, Uttarakhand.	27/07/2020 To 31/07/2020
33	One Week FDP on Stemming Technologies- Concretes Industry & Academia	Online at EWIT Bengaluru	10/08/2020 To 14/08/2020
34	Research Challenges in Digital Image Processing	Online VVCE Mysure	24/08/2020 To 28/08/2020
35	Workshop on Exploratory Data Analysis	Online VVCE Mysure	05/06/2021 To 06/06/2021
36	ATAL Training and Learning online FDP On AI and IoT Based Technology precision farming and smart agriculture	Online KGiSL Institute of Technology	07/06/2021 To 11/06/2021
37	ATAL Training and Learning online FDP On Cyber Security: A step towards awareness to Cyber Crime	Online Engineering College Ajmer	14/06/2021 To 18/06/2021

38	FDP on A Real time Practical Approach of Deep Learning with Keras Using Colab	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE	25/06/2021 To 17/06/2021
39	Two Week Refresher Course on Next Generation Technologies	Ramanujan College University of Delhi	29/06/2021 To 13/07/2021
11	Seminars attended with details:		
1	Attended industry 4.0 workshop	VTU Regional office Bangalore	22/08/2019
2	Attended one day online GIS webinar on Integrating GIS with geography on	Online	04/05/2020.
3	Attended one day webinar on Artificial Intelligence: Bringing humans closer to machines	online	18/07/2020
4	Attended International Webinar on Entrepreneurship as a career choice: Challenges, Ideas and Opportunities	online	08/08/2020

12	Details of Publications				
		Sl.No	TITLE OF PAPER	NAME OF JOURNAL	Vol./Issue No./Date
		1	Presented a paper on a novel security Mechanism for Protecting Broker Less Publish / Subscribe System.	National Conference Organized by Impact College of Engineering and applied sciences Bangalore	NCCTME 2015 from 05/05/2015 to 06/05/2015
		2	A novel approach to prevent launching of attacks in MANETS using Bait tracing setup	International Journal of Latest Engineering and computer science (IJECS)	2319-7242 Vol-05, Issue-10, Oct 2016 Page No.18239-18243
		3	Significant and Accurately Discovery of packet dropping attacks in WANET PP 32-40	International Journal of latest Engineering Research and Applications (IJLERA)	ISSN:2455-7137 Vol.01,Issue 04,July 2016
		4	Energy Efficient routing by taking willing status of node in WSN PP 72-79	International Journal of Computer Science and Information Technology Research	ISSN:2348-120X(online):2348-1196(print) Vol 04,Issue03,18 th July 2016
		5	Ameliorated Approach for Identification of Covid -19 Spreaders Using Multiplex Networks Approach	International Journal of Innovative Research in Computer and communication Engineering (IJRCCE)	e-ISSN:2320-9801, p-ISSN:2320-9798 Impact factor:7.542 Vol 9, Issue 7,July 2021
6	Epidemic Modelling of Covid-19	International Journal FOR Research in Applied Science & Engineering Technology (IJRASET)	Paper ID: IJRASET37439 Vol 7, Issue VIII,August 2021		

13	Paper Reviewer	
14	Details of extension Services (Association with Social Organization)	Flood donation through University.
15	Details of Consultation Industry / Business other Institutions.	
16	Invitation as Guest faculty /Programmes done	
17	Representation on BOS/ Syllabus committees of Universities	
18	Details of Research Guidance	
19	Number of Research scholars	
20	Number of students register for Ph.D program	
21	No of students registered for Ph.D	
22	No of Ph.D in progress	
23	Any other Information	Order of appointment of presiding and polling officer for General elections Chickballapura-27 parliamentary constituency 2019, attended training and performed duty.
24	No. of student for mentoring (Category wise)	<ul style="list-style-type: none"> ● Category wise ● Gender wise ● Caste wise

		Year	SC	ST	OBC	GEN
		2014-2015				
		2015-2016	-	-	-	-
		2016-2017	-	-	-	-
		2017-2018	-	-	-	-
		2018-2019	-	-	-	-
		2020-2021	-	-	-	-
25	Professional Summary / Work Experience					
		Sl.No	Details	Place	Date/Year	
		1	NPTEL- SWAYAM COURSE	Completed 12 weeks NPTEL online certification for the course Problem solving through programming in C with score 45%	JUL-OCT 2019.	
2	NPTEL- SWAYAM COURSE	Completed 12 weeks NPTEL online certification for the course An introduction to programming through C++ with score 79%	JAN-APR 2020.			
26	Professional Memberships	Professional Bodies Membership <ol style="list-style-type: none"> 1. THE INSTITUTION OF ENGINEERS (INDIA) MEMBERSHIP (MIE) NO. M-1542265 DATE: 31/03/2016 2. THE INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE) LIFE MEMBERSHIP NO.LM 115883 YEAR:2017 				