RESUME

1. General Information:

Full Name: Mukta Rajashekhar Desai

Designation: Assistant Professor

Sex: Female

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2. Educational Qualifications:

Sl. No.	Degree	University/Board	Year	Class
1	M.Tech.	VTU, Belgaum	2014	First Class With Distinction
2	B.E.	VTU, Belgaum	2012	First Class With Distinction
3	P.U.C.	Karnataka P.U.C Board	2008	First Class
4	S.S.L.C.	Karnataka Secondary Education Examination Board	2006	First Class

3. Experience in Teaching:

Sl. No.	Name of Organization /Institute	Designation	Duration
1	B.L.D.E.A's CET, Bijapur.	Assistant Professor	18th August 2014 to Till Date

4. Area of Interest: Computer Networks

5. Workshop/ FDP/ Seminar/ Tutorial Attended:

Sl. No.	Topic Name	Organized By	Duration
1	Networking 1O1 and Network Access Control	BLDEACET	18th -19th October, 2014
2	Research Methodology and Issues	BLDEACET, Vijayapur	8th -12th June 2015
3	Big Data Analytics using HADOOP	BEC, Bagalkot	9th -11th July 2015
4	Counseling and Stress Management	BLDEACET, Vijayapur	29th July 2015
5	Patents and Various Intellectual Properties	BLDEACET, Vijayapur	1st Aug 2015
6	Faculty Orientation	BLDEACET, Vijayapur	16th -19th Sept 2015
7	CS101.1XA15:Introduction to Computer Programming	IIT Bombay	13thJuly -21st Dec 2015(2 Weeks)
8	Trends in Research and Publications	BLDEACET, Vijayapur	12th -13th April 2016
9	ISRO satellite remote sensing based societal application on the web	BLDEACET, Vijayapur	30th August 2016
10	Educational Technology for Engineering Teachers	IIT Bombay	7th Jan to 7th March 2016
11	Foundation Program in ICT for Foundation(FDP 101X)	IIT Bombay	3rd August to 7th Sept 2017
12	Pedagogy for Online and Blended Teaching-Learning Process(FDP 201X)	IIT Bombay	16th Oct to 20th Nov 2017

13	Machine Learning with PYTHON	KLECET, Belagavi	16th to 21st Jan 2018
14	NPTEL Online Certification: Data Base Management System	IIT, Kharagpur	Feb-April 2019 (8 Week Course)
15	Design and Implementation of Hardware Accelerators and Protocols on FPGA	BLDEACET, Vijayapur	13th to 17th December 2018
16	Balance for Better	BLDEACET, Vijayapur	22nd March 2019
17	E-content development using MOODLE	BLDEACET, Vijayapur	19/07/2019 to 20/07/2019
18	Pedagogy for Higher Education	BLDEACET, Vijayapur	22/07/2019 to 26/07/2019
19	Outcome Based Education and NBA Accreditation	BLDEACET, Vijayapur	20/01/2020 to 24/01/2020
20	NPTEL Online Certification: An introduction to Artificial Intelligence	IIT, Madras	Jan-April 2020 (12 Week Course)
21	NPTEL Online Certification: The Joy of Computing using Python	IIT, Madras	Jan-April 2020 (12 Week Course)
22	IIT Bombay: Spoken Tutorial: R Language and R Studio	IIT Bombay spoken Tutorial: Cambridge Institute of Technology	22/06/2020 to 05/07/2020 (2 Weeks Course)
23	Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning	Deeplearning.ai (Coursera)	4 Weeks Course (Completed on 05/07/2020)
24	Programming for Everybody (Getting Started with Python)	University of Michigan (Coursera)	4 Weeks Course (Completed on 22/07/2020)

6. <u>List of Courses Thought</u>:

    1. Object Oriented Modeling and Design with UML (OOMD)

2. Computer Networks-II (CN-II)

3. Data Structures (DS)

4. System Modeling and Simulation (SMS)

5. Software Architecture (SA)

6. Probability Statistics and Queueing Theory (PSQ)

7. Computer Networks-I (CN-I)

8. Information and Network Security (INS)

7. List of Projects Guided for UG:

- AMMA: software for Mother and Baby care (2015-16).
- Safety System for School Bus(2016-17)
- A Configurable Smart Sensor Interface for Industrial WSN and Human Health Monitoring in IoT Environment (2016-17)
- An IoT Based Water Monitoring System (2017-18): Funded by KSCST
- Voice Controlled Home Automation Using IoT(2018-19)
- Smart Irrigation System for Gardening using Raspberry Pi(2018-19)

8. Paper Publication in Journals:

1. Mukktayakka Rajashekhar Desai, Sudarshana.K "Multi Channel Multi Path Video transmission Over WSN Using ACDP Technique". Published in International Journal of Scientific & Engineering Research, Volume 5, Issue 2, February-2014

2. Ms. M.R.Desai, Mr. Prajwalkumar Takkalaki, Mr. Manjunath Bhapri, Mr. Amalkiran Marshsnalli, Mr. Gourish Malage, "Students Tracking System for School Bus" Published in International Research Journal of Engineering and Technology, Volume:04, Issue:06, PP: 2554-2557.

3. Ms. M.R.Desai, Ms. Neha Kulkarni, Ms. Ranjita Timmapur, Ms. Krushnashri Sasalatti, Ms. Nilamma Byakod, "A Sensor Inerface for Human health Monitoring In IoT", published in International Journal of Engineering Applied Sciences, Volume-4, Issue-6, PP: 50-54.

4. Ms. M.R.Desai, Spoorti Chappar, Akshata Nayak, Daneshwari Hosamani, Asha C "A Survey on Smart Irrigation for Home Gardens" Published in International Research Journal of Engineering and Technology, Volume:06, Issue:05, e-ISSN: 2395-0056.

5. Ms. M.R.Desai, Sonali S, Resham, Pratibha, Shahista "Voice Controlled Home Automation Using IoT" Published in International Journal of Technical Innovation in Modern Engineering and Science, Volume:05, Issue:05, e-ISSN: 2455-2585.

9.Papers Presented in Conferences:

1. Ms. M.R.Desai, Ms. Sushma Toravi "**A Smart Sensor Interface for Smart Homes and Heart Beat Monitoring using WSN in IOT Environment**" presented in International conference (**IEEE**) on current trends in Computer, Electrical, Electronics and Communication (ICCTCEEC 2017)

2. M.R.Desai, Anand Hiremath, Netra Toravi, "**Blood Bank:An Application to Manage Blood Bags**" in Proc. International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering - (ICRIEECE)**IEEE** July 27th & 28th 2018 School of Electrical Engineering, Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar, India.