

## **PROFILE**

Sarika Manoj Davare

Assistant Professor (Artificial Intelligence and Data Science, CRCE)

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### **Qualification:**

Ph.D Computer Engineering(Pursuing) M.Tech(IT), BE(Computer Engg.)

### **Experience:**

18 + years of experience as teaching professional in MUMBAI university.

### **Area of Expertise:**

Data Mining and data Warehousing, Machine Learning, Database Management System, Software Engg. And Project Management

## **TEACHING EXPERIENCE**

Total Teaching Experience: 18 years 9 months

<b>Sr. No.</b>	<b>Employer</b>	<b>Area of Work</b>	<b>Period</b>	<b>Designation</b>
1	Fr.Conceicao Rodrigues College of Engg	Teaching	2010 till date (12 years)	Asst. Professor (AI&DS)
2	Atharva College of Engineering	Teaching	Jan 2008 –July 2010	Lecturer
3	St. Francis Institute of Technology	Teaching	Aug 2005- May 2006	Lecturer
4	Bharati Vidhyapeeth's Jawaharlal Nehru Institue Of Technology	Teaching	July 2001- June2004	Lecturer

## **SUBJECTS TAUGHT**

Database Management System, Data Warehousing and Mining, Advanced database management System, Data Analytics, Software Engg., Project management, Object Oriented Programming (Java and C++), Discrete Structures and Graph Theory, Distributed Computing.

**PUBLICATIONS**

Sr No	Title of Paper	Year of publication	Name of Journal	Is Journal is Approved by UGC/SCI	ISSN Number
1.	A REVIEW ON PREDICTION OF CANCER USING SUPERVISED AND UNSUPERVISED LEARNING TECHNIQUES	2020	An International BILINGUAL Peer Reviewed Refereed Research Journal, , Shodh Sarita, Vol 7, Issue 28,oct-Dec 2020, pg no 185-189	UGC Care	ISSN 2348-2397
2.	Plant Disease Detection and Suggestions using Mobile Application	2021	2 <sup>nd</sup> International Conference on IOT based control networks and Intelligent Systems28 <sup>th</sup> and 29 <sup>th</sup> June 2021		(ICICNIS 2021) (Pg. No. 258-262)
3.	Diabetes Risk Prediction Using Machine Learning	2020	Purakara(UGC Care Journal)	UGC Care	ISSN no 0971-2143
4.	Smart Recruitment System	2018	International Journal of Computer Science and Engineering 2018/Sep/Vol.6(9),	IJCAE	E-ISSN: 2347-2693
6.	Sentiment Analysis Of Reviews Using Opinion Mining On Web	2017	International Journal of Computer Applications (0975 - 8887) Volume * - No.*, August 2017	IJCA	DOI no: 10.5120/ijca2017915426
7.	Text Mining Scientific Data to Extract Relevant Documents and Auto -Summarization	2017	IJSTE - International Journal of Science Technology & Engineering   Volume 4   Issue 2   August 2017	IJSTE	

**Workshops/Refresher courses/Training programs/Seminars attended:**

PARTICIPATION IN TRAINING PROGRAM :

1	1 week FDP on “Data Analytics with Smart Healthcare” from 6 <sup>th</sup> -10 <sup>th</sup> Dec 2021 approved by AICTE(ATAL)
2	2 weeks ISTE approved STTP on “Internet Programming -The Full Stack Approach” 14 <sup>th</sup> June-25 <sup>th</sup> June 2021
3	1 week FDP on “Leveraging Artificial Intelligence and Data Analytics for Healthcare ” 4 <sup>th</sup> Jan -9 <sup>th</sup> Jan 2021 organized by ISTE under IQIS 2019-20
4	1 week FDP on “Python ” 4 <sup>th</sup> May to 8 <sup>th</sup> May 2020”organized by IITB
5	2 weeks AICTE Sponsored QIP on “Machine Learning Tools & Applications for Engineers” 12 <sup>th</sup> June to 21 <sup>st</sup> June 2017
6	1 week ISTE approved STTP on “Use of Open Source Software in Research ” 27 <sup>th</sup> June to 1 <sup>st</sup> July 2016
7	Two week STTP on “Wavelet And Machine Learning” from 15-25 Nov 2016 at K.J. Somaiya Institute of Engineering and Information Technology, Sion(E)
9	Two week Quality Improvement Program on “Machine Learning Tools & Applications for Engineers” from 12-21 June 2017 at VJTI Mumbai-19
10	One week STTP on “Use of Open Source Software in Research” from 27 June -1 July 2016 at VIT
11	2 days FDP on “Teaching and Beyond :Widening Horizons” on 5 <sup>th</sup> and 6 <sup>th</sup> feb 2016 at Fr CRCE(H&S Dept) BANDRA
12	2 days FDP on “Digital Forensics : Open Source Tools” on 29 <sup>th</sup> and 30 <sup>th</sup> Jan 2016 at Fr CRCE(CS Dept) BANDRA
13	One week STTP on “Big Data Analytics” from 7 <sup>th</sup> – 11 <sup>th</sup> Dec 2016 at FRCRCE Bandra
14	Two week STTP on “Moving Towards Open Source” from 25 June -6 July 2012 at VIT
15	2 days FDP on “Hadoop” on 23 <sup>rd</sup> and 24 <sup>th</sup> Aug 2013 at TCS
16	2 days FDP on “B.I.-Cognos ” on 28 <sup>th</sup> and 29 <sup>th</sup> Jan 2014 at TCS
17	One week STTP on “Advanced Java” at Atharva College of Engineering, Mumbai
18	2 days FDP on “Statistics for Engineers” on 27 <sup>th</sup> and 28 <sup>th</sup> Sept 2013 at Fr CRCE(H&S Dept) BANDRA
19	Two week STTP on “Advanced Web Programming & Cloud Computing” from 2 <sup>nd</sup> – 13 <sup>th</sup> Dec 2013 at TCEC Bandra(w)

### **NPTEL Courses Completed**

Duration in weeks	Dates	Approved by* NPTEL / AICTE / any other	Topic/Area	Result/Grade / Percentile Score/Rank
12 week	Jan-April 2022	NPTEL	Data Analytics with Python	65% (Elite)
8 week	Feb-march 2018	NPTEL	Data Mining	70%(Elite)
8 week	Jan-Oct 2019	NPTEL	Software Project Management	60%(Elite)
8 week	Aug-Sept 2018	NPTEL	Database Management Systems	65%(Elite)

### **TRAINING PROGRAMS CONDUCTED :**

1. Coordinator for FDP on “NLP and Deep Learning” conducted in Oct 2022
2. Coordinator for FDP on “Machine Learning” conducted in Feb 2019
3. Coordinator for FDP on “Stress Management and Yoga” conducted in Feb 2017
4. Co-coordinator for STTP on “Mission 10X” by Wipro conducted in 2011

### **DEPARTMENTAL KEY RESPONSIBILITIES**

Sr. No.	Responsibility	Year
1.	Faculty In charge of ACM, CRCE	2022-2023
2.	Time table Coordinator	2018-2023
3.	Exam Coordinator	2015-2022
4.	Member of Admission Committee	2022-2023
5.	Member of Library Committee	2018-2023
6.	NAAC accreditation Committee member	2017-2023
7.	Coordinator for Third year Mini Project	2021-2023
8.	Class teacher	2022-2023

### **INDUCTRIAL TRAINING/PROFESSIONAL TRAINING**

Duration in weeks	Dates	Name of Industry/relevant body with address	Topic/Area
2 weeks	9 <sup>th</sup> may to 20 <sup>th</sup> may 2022	V Synergize Outsourcing Pvt. Ltd.	Database Management System project

**MRG Project**

Sr. No.	MRG Project
1.	Received 25,000/- Minor Research Grant in the year 2018-19 for the Project "Baby Monitoring using Smart Cradle".