

## CURRICULUM VITAE

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**Engineering, CRCE.**

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### **Educational Qualifications**

Sr. No.	Qualification	University/ Institute	Percentage	Year of passing
1.	PhD (CSE)	Parul University	NA	pursuing
2.	M.E. (IT)	Mumbai University/V.E.S.I.T. Chembur	66%	2013
3.	B.E. (CSE)	Shivaji University/ Ki.I.T's College of Engineering, Kolhapur	62%	2005
4.	HSC	Kolhapur Board	87%	2000
5.	SSC	Kolhapur Board	85%	1998

### **AREAS OF EXPERTISE**

Data Structures, Design of Algorithms, Computer network, Python Programming, Data Mining, Machine Learning, Artificial Intelligence.

### **TEACHING EXPERIENCE**

Total Teaching Experience: 13 years 10 months

Institution	Designation	Date of Joining	Date of Leaving
Fr. C.R.C.E.	Assistant Professor	1/7/2011	NA
V.J.T.I. Matunga	Lecturer	Jan 2009	July 2010
V.J.T.I. Matunga	Lecturer	6 <sup>th</sup> July 2007	14 <sup>th</sup> December 2007
DAIS, Kolhapur	Senior Faculty	October 2005	December 2006

### **SUBJECTS TAUGHT**

Data Structures and Analysis of Algorithms, Advanced Data structures and Analysis of algorithms, Computer Network, Python Programming, Data Mining and Business Intelligence

## PUBLICATIONS

Sr No	Title of Paper	Year of publication	Name of Journal	Is Journal is Approved by UGC/SCI	ISSN Number
1.	Earthquake magnitude prediction using neural networks	Oct 2022	Samriddhi	UGC Care	2229-7111
2.	A computable study on tactics towards crime prediction and analysis	Oct 2022	Samriddhi	UGC Care	2229-7111
3.	Pneumonia and Diabetic Retinopathy Detection Using Deep Learning Algorithm	Oct, 2021	Advances in Intelligent Systems and Computing	Scopus - Indexed	2194-5357
4.	Diabetes and Liver Detection Using Machine Learning Algorithms	Jul, 2021	SSRN Electronic Journal	Elsevier	1556-5068
5.	American Sign Language Translator using Convolutional Neural Networks,	Oct, 2020	International Journal of Advanced Science and Technology	Scopus - indexed	ISSN: 2005-4238
6.	Human Computer Interaction using Hand Gestures and Voice	2019	IEEE Xplore	Scopus - indexed	ISBN:978-1-7281-2387-5
7.	Child Security using IOT	May, 2019	International Journal of Emerging Technologies and Innovative Research(JETIR)	UGC	ISSN:2349-5162
8.	Grain Warehouse Monitoring Using IoT	May, 2019	International Journal of Emerging Technologies and Innovative Research(JETIR)	UGC	ISSN:2349-5162
9.	Implementation and Analysis of Advanced Clustering Algorithms	May, 2018	International Journal for Research in Applied Science and Engineering Technology	NA	<a href="#">2321-9653</a>
10.	The Influence of Emotions on Keystroke Patterns in Android Platform using Auditory Stimuli - An Experimental Study	2017	International Journal of Computer Applications	NA	973-93-80896-91-2
11.	Program Similarity Detection Tool	Jul, 2016	International Journal of Computer Applications, Foundation of Computer Science (FCS), NY, USA	NA	2278-0181
12.	Performance Evaluation and Comparative Analysis of Reactive	2013	(Proceedings of) International Conference	NA	978-0-9884925-1-6

	MANET Routing Protocols for RPGM and MG		& Workshop On Advance Computing		
13.	Performance evaluation of On Demand MANET protocols for different mobility models	Sep, 2012	International Journal of Emerging Technology & Advanced Engineering	Scopus - indexed	2250-2459

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

Sr. No.	Duration in weeks	Dates	Approved by	Topic
1.	1 week	6/12/2021 to 10/12/2021	ATAL	Computer Vision: Past, Present and Future.
2.	1 week	25/10/2021 to 29/10/2021	ATAL	Artificial Intelligence & Machine Learning
3.	1 Week	4/01/2021 to 9/01/2021	AICTE	Leveraging Artificial Intelligence and Data Analytics for Healthcare
4.	1 Week	26th May to 30th May, 2020	AICTE	DATA SCIENCE
5.	2 Weeks	12 <sup>th</sup> -21 <sup>st</sup> June, 2017	AICTE	Machine Learning Tools & Applications for Engineers
6.	2 Weeks	27 <sup>th</sup> April to 30 <sup>th</sup> May 2015	ISTE STTP	Introduction to Design of Algorithms
7.	1 Week	7th to 11th December 2015	ISTE STTP	Big Data Analytics
8.	1 Week	17 <sup>th</sup> -21 <sup>st</sup> November, 2014	ISTE STTP	Accreditation & Quality Assurance Outcome Based Education
9.	2 Weeks	May 28th, 2014 to July 5th, 2014	ISTE STTP	Computer Networking
10.	2 Weeks	25 June to 6 July, 2012	ISTE STTP	Moving Towards Open Source
11.	1 Week	3rd Jan to 7th Jan 2012	ISTE STTP	Wireless Communication and Mobile Technology

### **NPTEL Courses Completed**

Duration in weeks	Dates	Approved by* NPTEL / AICTE / any other	Topic/Area	Result/Grade / Percentile Score/Rank
8 Weeks	Feb-April 2020	NPTEL	Data Mining	70%
8 Weeks	Aug-Oct 2018	NPTEL, IIT Madras	Design and Analysis of Algorithms	58%
8 Weeks	Jul-Sept 2017	NPTEL, IIT Madras	Programming, Data structures and Algorithms using Python	61%

### **DEPARTMENTAL KEY RESPONSIBILITIES**

Sr. No.	Responsibility	Year
1.	Faculty In charge of Mozilla Club CRCE	2022-23
2.	Faculty In charge of ACM Council CRCE	2018-2022
3.	Coordinator for College cultural function Euphoria	2021-2022
4.	Coordinator for CRMD 2022	2022-23
5.	NBA and NAAC accreditation Committee	Every year
6.	Coordinator for second year Mini Project	2021-22
7.	Departmental Placement Coordinator	2022-23
8.	Class teacher	Every year

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

Duration in weeks	Dates	Name of Industry/relevant body with address	Topic/Area
2 Weeks	20/12/2021 to 03/01/2022	Intuit Leaf Solutions. 2nf floor, Kamalkunj, Shirala Naka, Islampur-415 409	Schema Matching using Neural Network

### **MRG Project**

Sr. No.	MRG Project
1.	Received 25,000/- Minor Research Grant in the year 2018-19 for the Project "Driver Activity Monitoring and Warning System".