

## FACULTY PROFILE



NAME :Ms. Jagruti Santosh Nagaonkar  
DESIGNATION :Assistant professor  
EMAIL :jagruti@frcrce.ac.in  
PHONE :9869195947  
AREA OF INTEREST : Computer network, Database management system ,Digital signal Processing, Communication Engineering

### PROFESSIONAL BACKGROUND :

- Working as Assistant Professor in Fr. CRCE, Bandra from July 2004 till date
- Worked as lecturer in VJTI, Mumbai from July 2003 to July 2004

### EDUCATIONAL DETAILS :

Qualification	Year	College/University
Pursuing Ph.D in Computer Engineering	2023	D.Y . Patil University, Navi Mumbai
M.E. (Electronics)	2012	Fr.CRCE, Bandra , Mumbai
B.E.(Electronics)	2002	Walchand College of Engineering, Sangli

### ADMINISTRATIVE BACKGROUND:

- Departmental Exam Co-coordinator ( Dec 2016-21)
- Team Member in FE admission Process
- Branch counsellor of WIE 2012-13

### PUBLICATIONS:

- Jagruti Nagaonkar, Savit nair, Akhil mani, Reuben dsa, Erica Mathias "Sign Language Translator", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.10, Issue 5, page no.m55-m60, May-2023(DOI :  
• Jagruti Nagaonkar, Rahul Bothra, Asher lopez, preeti V, Dillon G, "Complete healthcare assistance using Machine Learning" International Journal of Scientific Research in Engineering and Management (IJSREM) on Volume 07, Issue 06 June 2023, ISSN:2582-3930.  
• Jagruti Nagaonkar, Pankaj Gharge, "Advance Ration Distribution System Using IOT and

GSM",International Journal for Research in Applied Science & Engineering Technology (IJRASET),ISSN: 2321-9653,Volume 11 Issue VI ,Jun 2023

- Jagruti Nagaonkar, Riddhi Dinesh Oza, Ayukshi Rane" Fake Profile Detection on Matrimonial Sites using Random Forest Classifier" International Conference on SoftComputing, Artificial Intelligence and Applications (ICSCAIA-23) 11th January 2023,Mumbai
- Jagruti Nagaonkar , " Voice morphing" in NCNTE12 in Vashi, Mumbai
- Jagruti Nagaonkar, Srija Unnikrishnan "Performance evaluation of Zigbee Transreceiver",ICAC3,Jan13,Fr.CRCE

#### TRAINING PROGRAMS CONDUCTED :

- Organised 1 day SDP on "Planning towards a successful Placement",21th July 2023
- Organised two days workshop on "NLP and Deep learning",30 Sep and 3 OCT 2022
- Organised two days workshop on "ESSENTIALS OF LINUX SYSTEM ADMISTRATION" 16-17 April 2021
- Organised two days workshop on "Remote learning technologies" Feb 2016
- Organised two days Workshop on "System modeling and Simulation", Aug 2012

#### PARTICIPATION IN TRAINING PROGRAM:

- 5 day STTP on "Image Processing using Python",Mevi Technologies,LLP,Banglore,11-15 Sep 2023
- 5 day FDP on "Faculty Patent Development Program", 31st July-5th Aug, 2023
- 5 day STTP on "cybersecurity and forensics", 19 to 24 June 2023,KJ Soniya sion
- 5 day STTP "MLops:A modern approach to design,develop and operate machine learning model", 12-17 June 2023, Vidyavardhini College of Engineering and Technology
- Two day training on "NLP and Deep learning" in FR.CRCE ,30 Sep and 3 Oct 2022
- 1 week STTP on "Inculcating Universal Human Values in Technical Education" organised by AICTE,12 to 16 July 2021
- 3 days FDP on "Machine Learning:Application in communication and signal processing" Organised by DJSCOE parle (w)
- Machine Learning:Application in communication and signal processing Organised by DJSCOE parle (w),28-29 Jan 2022
- One week STTP on "Deep learning and its applications" Organised By K.J.Somaiya

sion, 13-18 Dec 2021

- 1 Day webinar on "Practical Debugging for Data science" organised by Government Engineering College, Rajkot, 20 Nov 2021
- One day webinar on Ethical Hacking ,EC council Fr CRCE, 18 Aug 2021
- 1 Day webinar on "Applied AI: Classification using AI tools" Organised by DJSCOE Parle (w), 10 July 2021
- 1 week STTP on "Cyber security: Technology and research trends" Organised by VESIT , 21-26 June 2021
- One week STTP on "Deep Learning for computer Vision" organized by St Johns college of Engineering, 30 June -4 July
- 1 week STTP on 'Advances in IOT' organized by Fr. CRCE, 29 May-2 June 2020
- 1 week STTP on "Creating tech Savvy teachers for future classroom " organized by St. Teresa Institute of Education, Santacruz, 6-10 June 2020
- 1 week STTP on STTP on 'Opportunities and challenges in Electronics and Allied Industries Post Covid 19', VESIT Chembur, 25-30 May 2020
- Two day training on "Python Programming: Basics to Advance" 30 th and 31 st August 2019
- One week STTP on " IOT: Recent trends in Multidisciplinary application" Thakur College of Engineering, 13-18 June 2018.
- Two day workshop on "IC technology: Layout to Simulation", September 4<sup>th</sup> – 5<sup>th</sup>, 2015
- December Two weeks STTP on "Introduction to research methodology" organized by IIT, Bombay, 25 June-4 July 2012
- Two week STTP on "simulation: Concept to practice" from 14 to 25 May 2012 at Fr. CRCE, Bandra
- One week STTP on "Wireless communication and Mobile Technology" Jan 3-7 2012, SAKEC, Chembur
- One week STTP on "Recent Trends in DSP and its applications" from July 11 to 15 ,2011 at VIT, Wadala.
- Two day Seminar on "Recent Advances in Power Electronics and Drives", Aug 20-21 ,2010 Fr. CRCE, Bandra
- One week STTP on "Embedded system and real time application" from January 04-08, 2010 at Fr. CRCE, Bandra
- Two days workshop on "Nanotechnology", September 11-12 2008, FR. CRCE, Bandra
- One week STTP on "Digital image processing with Matlab sessions" from 23-27 June 2008 at DJSCOE, Vile Parle
- One week STTP on "Robotics and its application" from 3-14 December, 2007 at Fr. C. R. C. E. Bandra

**INTERACTION WITH OUTSIDE WORLD:**

- Paper setting at DJ Sanghvi College of Engineering for subject “Digital signal Processing ” , Second Year EXTC in academic term July – Nov 2021-22

**PROFESSIONAL AFFILIATION** : ISTE life membership (LM 234)

