

FACULTY PROFILE



NAME :Ms. Jagruti S.Nagaonkar
DESIGNATION :Assistant professor
EMAIL :jagruti@frcrce.ac.in
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 from year 2024-25

PUBLICATIONS:

- Jagruti Nagaonkar, N. Lobo, J. Varghese, N. Fernandes, and D. D'souza, "Third Eye: A Comprehensive Solution for Road Safety", Samriddhi:A journal of physical sciences,Engineering and Technology,sms, vol. 15, no. 03, pp. 337-340, Nov. 2023.
- 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 Soft Computing, 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 Transceiver", ICAC3, Jan 13, Fr. CRCE

TRAINING PROGRAMS CONDUCTED :

- Organised 1 day SDP on "Planning towards a successful Placement", 21st 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 ADMINISTRATION" 16-17 April 2021
- Organised two days workshop on "Remote learning technologies" Feb 2016
- Organised two days Workshop on "System modeling and Simulation",

PARTICIPATION IN TRAINING PROGRAM:

- Completed all 8 modules of NITTT (National Institute of Technical Teachers Training)
- 5 day STTP on "Image Processing using Python", Mevi Technologies, LLP, Bangalore, 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 4th – 5th, 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)

