Profile

Mrs. Prachi Kunal Patil
Designation: Assistant Professor, Department of Computer Engg.
Qualification: ME (Computer Engineering)
Email: prachi@frcrce.ac.in

Area of Interest:
Artificial Intelligence, Programming languages: C, JAVA, Operating Systems, Internet Programming

Professional Background:
From July 2006 – till date , Fr. Conceicao Rodrigues College of Engineering, Mumbai

Educational Details:
ME- Computer Engineering – Thadomal Shahani Engineering College, Bandra, Mumbai – Year 2012.

BE – Computer Engineering- Fr. Conceicao Rodrigues College of Engineering, Mumbai- Year 2006.

Administrative Background:

Institute Level Contributions-
1. Currently working as Internship Incharge.
2. Currently working as Member of Core Committee for CRCE Alumni Association.
3. Working for multiple teams for NAAC affiliations.
4. Team member in FE admission process.
5. Tedx CRCE Faculty Incharge- from 2017- till Date
6. Ecell CRCE Faculty Incharge- 2018-2019, 2019-2020
7. Worked as Publications Incharge for International Conference - ICAC3-17
8. Worked as Technical Co-ordinator for International Conference , ICAC3-09, ICAC3-11, ICAC3-13, ICAC3-15, ICAC3-19 .
9. Part of Organizing Team of Conceicao Rodrigues Memorial Debate (CRMD) 2016-2017
10. College Magazine 'Fragmag' Incharge 2015-2016
11. Part of Organizing Team of Convocation Ceremonies
12. Worked as Stream Chair for area of Computing under International Conference ,ICAC3 2011.
13. Worked as Contact chair for International Conference ,ICAC3-13.

14. Team member for NBA and NAAC activities.

Department Level Contributions:
1. Organized and co-ordinated multiple seminars, workshops and Faculty development programs for the department and inter-department level.
2. Guided various BE, TE and SE projects.
3. Role as Class teacher 2016-2017 ,2017-2018 and 2021-22 , 22-23
4. Department Placement Co-ordinator 2015-2016 and 2016-2017
5. Department Exam Co-ordinator 2012-2013
6. Department Project Co-ordinator 2012-2013
7. Department Time –table Co-ordinator 2011-2012, 2012-2013, 2013-2014
8. Departmental Documentation incharge- alumni survey, graduate exit survey, students participations, internships and students certifications.

STTP/Workshops/Seminars Attended-

1. ISTE approved FDP on " Blockchain and DLT" by Xavier Institute of Engineering, Mahim from 2nd Jan to 7th Jan 2023.
2. Regional Orientation Workshop for Participating Institutes (PIs)of Unnat Bharat Abhiyan (UBA), March 13, 2021
3. Seminar- "How to equip yourself for higher studies" Organised by CRCE, Student Alumni Committee, 19th November 2020
4. Seminar-Explore the startup dream: plan to execution, Organsed by FR. CRCE, Student Alumni Committee, on 20th November 2020
5. Webinar-Goal based Financial Planning and Investing, organised by Fr. CRCE, Student Alumni Committee, on 20th March 2021
6. ISTE approved ,2 Week-STTP on " Internet programming, The Full Stack development approach" ,VCET Mumbai, 14 th June 2020-25 th June 2020.
7. 1 Week STTP on Disruptive Technologies of Industry 4.0", organised by Fr. CRCE , Dept. Of Computer Engg on 30th May 2020 to 3rd June 2020.
8. ISTE STTP on ""Artificial Intelligence, Machine Learning and Deep Learning: Hands on " ,organised by K J Somaiya Institute of Engineering and Information Technology, Sion from 24th - 29th June 2019
9. ISTE STTP on " A journey towards Awareness" Organized by Dept of Humanities and Science Dept., CRCE, 1st January to 5th January 2018
10. Workshop on "Innovative Research in Pedagogy with Mini- MOOC's Blended with Instruction Strategies to Enhance Quality in Higher Education" organized by CRCE in association with THAPAR Univ. Patiyala, 7-8 July,2017

11. FDP on "Stress Management and Yoga for healthy life" organized by Dept of CS and IT, CRCE, 3-4 Feb 2017.
12. FDP on "New Paradigm in Software Development" conducted by Accenture, hosted by Thakur College of Engg., 15th December 2016
13. FDP on "Digital Forensics : Open source tools" conducted by CRCE, Dept of Comp. Engg., 29 -30 January 2016
14. ISTE approved STTP program on "Advance Internet Tech" conducted by IT dept, Fr. CRCE, 5th Jan 2015 to 9th Jan 2015,
15. ISTE approved "Automata Theory and Applications" organized by Fr. CRIT, vashi, 18th-22nd Nov, 2013
16. "Effective Teaching Methodology, Organized by Mission 10X", from 1st Aug 2011 to 5th Aug 2011
17. "Digital Image Processing and Analysis for Remote Sensing", Quality Improvement Programme (QIP),Organized by IITB, from 18th July 2011 to 22nd July 2011
18. STTP on "Information Storage Management and Disaster Recovery", Organized by Vidyalankar Institute of Technology in co-ordination with EMC2 22nd Nov 2010 - 27nd Nov 2010
19. "Research Career Success and Survival Tips", Organized by Fr. CRCE, 11-12 March 2011
20. "Object Oriented Analysis and Design using UML with Essentials of Rational Software Architect", 15th April 2009 to 18th April 2009 , Organized by Fr. CRCE and IBM.
21. "Data and Network Security" , Organized by Pillai's Institute of Information Technology, 2006

Industrial Training Programme /Certifications-
1. Company Name- SWQA India

Objective- Learning Software Testing and Tools

Duration- 4 weeks course (4th June 2012- 29th June 2012)

2. Company Name- SWQA India

Objective- Training on Product development life cycle

Duration- 4 weeks (01st June 2017- 30th June 2017)

3.NPTEL online Certification," Programming in Java", July-Oct 2019

4.Innovation Ambassador Training (IA) ,"Foundation Level", conducted by MoE's Innovation Cell & AICTE, 2021-22.

Papers Published-

1. Paper Title: **"Restorage-BlockChain Based decentralised Resume storage Application"**
   Co-Authors: Pranav Gangurde,mELITA Japhet,Clafacio Lobo, Nilesh Patil
   Published in- 2022 IEEE World Conference on Applied Intelligence and Computing (AIC), August 2022

2. Paper Title: **"Expert System for Career Assessment using SVM and 8-Puzzle Game"**
   Co-Authors: Steffi F. Andrade, Nishita M. Bhatankar, Nadia M. Dsilva,
   Published in- International Journal of Advanced Science and Technology,2020

3. Paper Title: **"Campus Placement Prediction using Machine Learning"**

   Co-Authors: Feaba Johnson, Rebecca Dsouza,Joslin Jose

   Published in- GIS Science Journal,2021

4. Paper Title: **"Real Time Sentiment Analysis on Twitter Data using Machine Learning"**
   Co-Authors: Aditya Alexander, Abdullah Khan, Jayesh Mishra
   Published in- GIS Science Journal,2021

5. Paper Title: **"Financial Planner and Asset Allocation Using Machine Learning"**
   Co-Authors: Amit Kawad, Moksh Khajanchi, Ambarish Patankar
   Published in- Recent Advances and Challenges in Engineering & Management (RACEM 2019) , organised by Vidyalankar Institute, 2019.

6. Paper Title: **"Career Prediction using Support Vector Machine Algorithm"**
   Co-Authors- Steffi F Andrade, Nishita M Bhatankar, Nadia M D'silva
   Published in- Journal of Emerging Technologies and Innovative Research (JETIR), June 2019, Volume 6, Issue 6, pp.403-4

7. Paper Titled- "**Comparison of Text to Image synthesis Algorithms**"
   Co-Authors- Akshay Patade, Pranav Dange, Shubham Pawar
   Published in - International Journal for Research in Applied Science and Engineering Technology (IJRASET), volume 6, issue IV, April 2018

8. Paper Titled- "**Survey on different techniques of Image Stenography**"
   Co-Authors- Moses Fernandez, Chinmay Vanmali, Omkar Shetye
   Published in - International Journal of Computer Applications (IJCA), volume 138- No 3

9. Paper Titled- "**Comparing Transform Domain Techniques and Vector Quantization Techniques for Face Detection and Recognition in Digital Images**"
   Published in "International Journal of Computer Applications (0975-8887) Volume 49-No.4, July 2012.

10. Paper Titled- "**Face Detection and Recognition in Digital Images using Transform Domain Techniques**"
    Published in "International Journal of Computer Applications (0975-888) Volume 48 - No. 20, June 2012.

Programs Organized:

1. Faculty Development program on 'Android Programming' under Department of Info Tech. and Dept. of Computer Engg on 30th and 31st August 2019.
2. Organized one week STTP on ' Cyber Security on IOT and Cloud ' under Department of Information Technology, 2017-2018
3. Organized FDP on "R programming", under Department of Information Technology and Department of Computer Technology, 2015-2016