

## Somaiya Vidyavihar University

<b>Name:</b> Dr. Anagha Rajiv Raich		<b>E-mail:</b> anagha.raich@somaiya.edu	
<b>Contact No:</b> 9096052040			
<b>Department/Section:</b> Information Technology			
<b>College:</b> K J Somaiya College of Engineering			
<b>DOJ Somaiya:</b> 1 July 2015	<b>Career Experience:</b> 14+ Yrs	<b>Industry Experience:</b> ___ Yrs	<b>Teaching Experience:</b> 14+ Yrs
<b>Present Academic Designation:</b> Assistant Professor		<b>Present Administrative Designation:</b>	

<b>Area of research/specialization and Courses Delivered</b>
<p><b>Research domain/interests/areas</b></p> <ol style="list-style-type: none"> <li>1. Cyber security</li> <li>2. Machine Learning</li> </ol> <p><b>Courses Delivered</b></p> <ol style="list-style-type: none"> <li>1. Database Management System</li> <li>2. Advanced Databases</li> <li>3. Competitive Programming Language</li> <li>4. Software Testing and Quality assurance</li> <li>5. Computer Organization and architecture</li> <li>6. Data Mining</li> <li>7. Programming in C</li> <li>8. Python Programming</li> <li>9. C++</li> <li>10. Data Structure</li> </ol>

<b>Recognition as a teacher by any University</b>	<b>UG: Yes/No</b>	<b>PG: Yes/No</b>	<b>Ph.D : Yes/No</b>
<b>Details of Recognitions</b>			
<ol style="list-style-type: none"> <li>1. Sss</li> <li>2. Sss</li> </ol>			

<b>Education</b>					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ % Marks
Ph.D	Ph. D (Computer Science and Engineering)	Amaravti	G. H. Rasoni University	2024	Awarded
PG	M.E. (Computer Science)	Mumbai	RAIT, Nerul ,Navi Mumbai	2013	First class
UG	B.E.	Nagpur	YCCE, Nagpur	2006	First class
Diploma					
NET/SET/Other					

<b>Notable Experience Details</b>					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.					
2.					

## Somaiya Vidyavihar University

<b>Research Accomplishments and Projects</b>		
No of students pursuing Ph.D as on date:		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date:		No of students / groups completed UG projects as on date:
Publications Total: 5	Number of Peer review Journal papers:6	Number of Conference papers: 1
<b>Details of Publications:</b> <b>International Journals</b> <ol style="list-style-type: none"> <li>1. Enhancing Authentication Security Against MITM Attacks Through Bioinspired Identity Management &amp; Blockchain-Enhanced Protocols", International Journal of Intelligent Systems And Applications In Engineering, ISSN:2147-6799, 2024, 12(10s), 468–476 , <a href="https://ijisae.org/index.php/IJISAE/article/view/4395">https://ijisae.org/index.php/IJISAE/article/view/4395</a></li> <li>2. "MFAAMDTL: An Efficient Multimodal Feature Analysis Model to Mitigation Cloud Attacks using Transfer Learning Operations",IJISAE, 2024, 12(17s), 55–66, <a href="https://ijisae.org/index.php/IJISAE/article/view/4836/3524">https://ijisae.org/index.php/IJISAE/article/view/4836/3524</a></li> <li>3. Anagha Raich, Dr.Vijay Gadicha “Enhanced Multi-Factor Authentication Framework for Cloud Environment”, HTL ,Volume 28, Issue 12, 2022 , ISSN NO : 1006-6748</li> <li>4. Raich Anagha, Nikumbh P. J.: Flexible Job-shop Scheduling using Simulated Annealing, International Journal of Research and Reviews in Computer Science, vol. 3, no. 2, April, 2012.</li> <li>5. Raich Anagha, Nikumbh P. J. Priority based Flexible Job-shop Scheduling , International Journal of Knowledge of Engineering BIO-INFO, 2012.</li> <li>6. Anagha Raich, Prof. Vidhate ,”Best Path Finding using modified AODV for MANET”, International Journal of Advanced Computer Research (ISSN(print): 2249-7277 ISSN (online): 2277-7970) Volume-3 Number-3 Issue-11 September-2013</li> </ol> <b>Conferences</b> <ol style="list-style-type: none"> <li>1. Anagha Raich, Dr. Vijay Gadicha “Various Threats and Challenges to Information Security via Active and Passive Attack ”, IEEE 2021, 978-1-6654-2503-2 ©2021</li> </ol> <b>Book Chapters</b> <ol style="list-style-type: none"> <li>1. Anagha Raich, Dr. Vijay Gadicha “Design of a High Efficiency Access Control and Authentication Analysis Model for Cloud Deployments Using Pattern Analysis”, Communications in Computer and Information Science, 2022, 1599 CCIS, pp. 186–200</li> </ol>		
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No of Research / consultancy / projects completed: Rs:	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects: Completed On-going Applied		
<b>IPR/ Copyrights</b> <ol style="list-style-type: none"> <li>1. Method to detect and prevent attacks in cloud environment, Registration Number L-101118/2021, Diary No. - 1986/2021-CO/L</li> </ol>		

**FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered**

## Somaiya Vidyavihar University

### Attended

1. Attended FDP on “Cyber Security for Industry 4.0” sponsored by Ministry of Electronics and Information Technology(MeitY), GoI organized by E&ICT Academy ,NIT Warangal and Xavier Institute of Engineering, Mumbai during 8<sup>th</sup> July – 17<sup>th</sup> July 2024
2. Attended FDP on “Advancements in IoT, Cyber Security and Drone” organized by Lokmanya Tilka College of Engineering, Navi Mumbai from 7th-06-2021 to 12th -06-2021
3. Attended FDP on “Cyber Security” organized by AICTE Training And Learning (ATAL) Academy at Central University of Kerala from 1-02-2021 to 5-02-2021.
4. Attended FDP on “Post Covid Challenges: What industry expects from Academia?” Organized by TATA CONSULTANCY SERVICES on 8 Jan 2021
5. Attended FDP on R programming organized at GDC Khairatabad in July 2020. This training is offered by Spoken Tutorial Project, IIT Bombay.
6. One Week Short Term Training Program on “Blockchain and its Applications” organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri from 30th Nov 2020 to 5th Dec 2020.

## Somaiya Vidyavihar University

Organized

- 1.
- 2.

Delivered

- 1.

### **Notable Key Scholastic Achievements**

1.

2.

### **Notable Positions and Responsibility**

1.

2.

**Date: 1/ 10/ 2023**

**Dr. Anagha Raich**  
**Signature of Faculty Member**