


Name of Teaching Staff	Shruti Mathur	
Designation	Assistant Professor	
Department	Computer Science and Engineering(Data Science)	
Date of Joining the Institution	25.09.2023	
Professional Membership	IEEE	
	ORCIDid: 0009-0008-4241-6123 Google Scholar id: GJOOGukAAAAJ Linked in profile : <a href="https://www.linkedin.com/in/shruti-mathur-a0bb388/">https://www.linkedin.com/in/shruti-mathur-a0bb388/</a>	
Area of Interest	Natural Language Processing, Big Data Analytics, Soft Computing, Artificial Intelligence.	
Qualifications:		
<ol style="list-style-type: none"> <li>1. Ph.D. Pursuing (Computer Engineering)</li> <li>2. M.Tech (CSE), Rajasthan Technical University, 2015.</li> <li>3. B.E.(IT) Rajiv Gandhi Prodyogiki Vishwavidhaya,2006.</li> </ol>		
Total Experience in Years: 12 Years		
<ul style="list-style-type: none"> <li>• Assistant Professor, D.J. Sanghvi College of Engineering, Mumbai, from 25.09.2023 to till date</li> <li>• Assistant Professor, July 2014 –Sept 2023, Assistant Professor Thakur College of Engineering &amp; Technology.</li> <li>• Lecturer, Thakur College of Engineering &amp; Technology, July 2010-May 2011.</li> <li>• Flash Programmer, Sycamore Software solutions, May 08-July 09.</li> <li>• Lecturer, LNCT, Bhopal, May 06-July 08.</li> </ul>		
Courses Taught:		
<ul style="list-style-type: none"> <li>• Big Data Analytics</li> <li>• Soft Computing</li> <li>• Artificial Intelligence</li> <li>• Software Engineering</li> <li>• Database Management System</li> <li>• Operating System</li> <li>• Data Mining &amp; Business Intelligence</li> </ul>		
Projects Guided:		
B.E.Project:13		

Workshop Attended			
Sr. No.	Title of Course	Learning Platform	Course Duration
1	Big Data Analytics	SVNIT, Surat	02 days
2	Data Visualization using Tableau, Power BI & Rubiscape	MIT-ADT, Pune	01 week
3	Research Methodology	IIT B	02 week
FDP			
4	Artificial Intelligence and Robotic Process Automation: Tools, Techniques, Challenges and Solutions.	AICTE -ISTE Sponsored at S.P.I.T. Mumbai	01 week

5	Quantum Computing	ATAL at Thakur College of Engineering & Technology	01 week
<b>STTP</b>			
6	Introduction to design of Algorithms	IIT KGP	02 week
7	Design and Development of Application for Smart city	Thakur College of Engineering & Technology	02 week
<b>WEBINARS</b>			
<b>Sr. No.</b>	<b>Title of Course</b>	<b>National or International?</b>	<b>Learning Platform/Institute</b>
8	Modern Robotics with Special Focus on Probabilistic Robotics and Robot Operating System	National	Thakur College of Engineering & Technology
9	Artificial Intelligence on emerging areas of technology	National	KJ Somaiya college of engineering and information technology,

#### International Courses

Sr. No.	Title of Course	National or International?	Learning Platform	Course Duration
9	Recommendation Engine Bootcamp with 3 Capstone Projects	International	Udemy	04 weeks
10	Linear Regression and Logistic Regression in Python	International	Udemy	04 Weeks
11	Data Analysis & Visualization: Python   Excel   BI   Tableau	International	Udemy	04 Weeks

#### Publication in International Journal:01

- **Shruti Mathur**, Varun Prakash Saxena, “Improving the Quality of English-Hindi Name Entity Translation”, In International Journal of Computer is published in June 2014 Edition, ISBN: 973-93-80882-45-9.
- **Shruti Mathur**, Sandeep Bankar, Neha Patwari and Sudhir Dhekane, “Use of Cloud computing in Business Ethics” International Journal of Recent Engineering Research and Development (IJRERD) Volume No. 02 – Issue No. 04, ISSN: 2455-8761 www.ijrerd.com, PP. 17-22.

#### Publication in International Conference:02

- Shruti Mathur, Samdarshi Kumar, Esha Vijayvargiya, Harsh Vyas, Turning design mockups into code with deep learning, ICISCN, ISBN: 978-1-7329562-6-1, 2021.
- Shruti Mathur, Satpal Singh, Aniket Karna, Prajwal Mishra, SQL using NLP in Virtual Reality, ICISCN, ISBN: 978-1-7329562-6-1, 2021.
- Shruti Mathur, Saurav Rathod, Stuti Shrimal, Kanishk Soni, Live location based vehicle parking system, ICISCN, ISBN: 978-1-7329562-6-1, 2020.
- Shruti Mathur, Abhigyan Nagraj, Swapnil Jaiswal, Harsh Kotak, Tackling Hate Speech, Multicon-2019.
- Shreya Mistry, Nishita Desai, Tanay Sanghavi, Ms. Shruti Mathur, RFID Based Electronic Payment System, MULTICON-W ICCSOD, 2019.
- Shruti Mathur, Vrundali Chitroda, Harsh Kothari, Anisha Pandya, Machine reading of customer feedback, MULTICON-W ICCSOD, 2018.

- **Shruti Mathur**, Varun Prakash Saxena, Hybrid approach to English-Hindi Name Entity Transliteration, In Proceedings of 2014 IEEE Students' Conference on Electrical, Electronics and Computer Science, 2014.
- Nisheeth Joshi, Iti Mathur and **Shruti Mathur**, Frequency Based Predictive Input System, In Proceedings of International Conference and Workshop on Emerging Trends in Technology, ACM Press, pp 690-693, 2010. ISBN: 9781605588124.
- Nisheeth Joshi and Iti Mathur and **Shruti Mathur**, Text Based Predictive Input System Using Zipf's Law, In Proceedings of National Conference on Recent Developments in Engineering Mathematics and Information Technology, Organized by Poornima College of Engineering and Institution of Engineers Rajasthan State Chapter. 2009.

