



## KRUTIKA JAYANT SAPKAL

Assistant Professor

Information Technology

Shri Sant Gajanan Maharaj College of Engineering, Shegaon.

Email: krutikasapkal@ssgmce.ac.in

Phone: +91 982 286 4071

<b>QUALIFICATION</b>	<ul style="list-style-type: none"><li>• Post Graduate Diploma in Business Analytics (Pursuing), BITS Pilani</li><li>• Bachelor of Engineering (Computer Science and Engineering), G. H. Rasoni College of Engineering, Nagpur.</li><li>• Master of Technology (Computer Science and Engineering), G. H. Rasoni College of Engineering, Nagpur.</li></ul>
<b>AREA OF SPECIALIZATION</b>	<ul style="list-style-type: none"><li>• Data Science and Machine Learning</li><li>• Data Visualization</li><li>• Parallel Computing,</li></ul>
<b>EXPERIENCE</b>	<ul style="list-style-type: none"><li>• Teaching:05 Years</li><li>• Industrial:0.6 Years (Internships)</li></ul>
<b>COURSES TAUGHT</b>	<ul style="list-style-type: none"><li>• Theory of Computation</li><li>• Parallel Computing</li><li>• Basics of C</li><li>• Artificial Intelligence</li><li>• Cryptography and Network Security</li><li>• Data Science and Statistics</li><li>• Distributed Database Management System</li><li>• Software Engineering</li></ul>
<b>MEMBERSHIP OF SCIENTIFIC AND PROFESSIONAL BODIES</b>	<ul style="list-style-type: none"><li>• Professional Member of ACM,</li><li>• Student Member of IEEE</li></ul>
<b>PUBLICATIONS</b> <b>Journals</b> <b>Conferences</b> <b>Books</b>	<ol style="list-style-type: none"><li>1. <b>“Transliteration of Secured SMS to Indian Regional Language”</b>, Krutika Sapkal, Dr. Urmila Shrawankar, Procedia Comput. Sci., vol. 78, Elsevier, pp. 748–755, 2016. (DOI – 10.1016/j.procs.2016.02.048)</li><li>2. <b>“Solving Linear Equation using Vedic Mathematical Approach on Parallel Platform”</b> Krutika Sapkal, Dr. Urmila Shrawankar, 3rd International Conference on Electronics and Communication Systems, Coimbatore, India, IEEE, 25th – 26th February 2016.</li><li>3. <b>“Complexity Analysis of Vedic Mathematics Algorithm for Multicore Environment”</b>, Krutika Sapkal, Dr. Urmila Shrawankar, Special Issue on High Performance Computing and its Application, IGI Global, April 2017. (DOI: 10.4018/IJRSDA.2017100103)</li><li>4. <b>“Survey of Security Mechanisms for ATM Based Transactions”</b>, Krutika Sapkal, Amit Zodape, Ankita Rode, Ankita Singh, Ankita Pal, Nikita Kumari, ICIREST-2019, Tulsiram Gaikwad Patil College of Engineering and Technology, Nagpur, 22<sup>nd</sup> -23<sup>rd</sup> March 2019.</li></ol>
<b>RESEARCH AND DEVELOPMENT</b>	<ol style="list-style-type: none"><li>1. <b>“English to Marathi Transliteration”</b>, Krutika Sapkal, Dr. Urmila Shrawankar, Indian Patent, Application No. National 201621007971, Application Filing</li></ol>

	Date 8/3/2016. Publication Date 08/09/2017, Publication Number 36/2017.
<b>RESEARCH GUIDLINES</b>	<ul style="list-style-type: none"><li>• Ph.D(No. of Students)</li><li>• M.E. (No. of Students)</li><li>• M.Phil((No. of Students)</li></ul>
<b>FELLOWSHIP / AWARDS</b>	