


Name of Teaching Staff	:	LAKSHMI KURUP	
Designation	:	Assistant Professor	
Department	:	Computer Engineering	
Date of Joining the Institution	:	15.07.2009	
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Qualifications with Class / Grade	:	<ul style="list-style-type: none"> <li>• Pursuing PhD from University Of Mumbai</li> <li>• Masters in Engineering (Computers) – CGPA 8.86 from Mumbai University in 2015</li> <li>• Bachelor’s in Engineering (B.E) – Information Technology - 76% from Madurai Kamaraj University in 2003</li> </ul>	
Total Experience in Years	:	16 Years	
Papers Published in Journal:	:	<ol style="list-style-type: none"> <li>1. Static Power Optimization for Reconfiguration of Hand Held Devices, International Journal Of Computer Applications ,Vol 1 ,Article 7, Feb 2011</li> <li>2. Investigating the Preparedness for Adaptive SCADA for Efficiencies in Energy Utility Companies International Journal of Advancements in Research &amp; Technology, 2013</li> <li>3. Big Data Challenges: Data Analysis Perspective, International Journal of Current Engineering and Technology (IJCET), ISSN 2277-4106, Vol 4 Issue 5, Oct 2014</li> <li>4. A Study of Genetic and Heuristic Algorithm for Travelling Salesman Problem, IJCET, ISSN 2277-4106, Vol 4, Issue 5, Oct 2014</li> <li>5. Exposition of Solutions to Hypervisor Vulnerabilities”, IJCET, ISSN 2277-4106, Vol 4 ,Issue 5, Oct 2014</li> <li>6. Review Paper on Oculus Rift &amp; Project Morpheus IJCET, ISSN 2277-4106, Vol 4 ,Issue 5, Oct 2014</li> <li>7. Published Research Paper on “A review paper on Sixth Sense Technologies”, IJCET, ISSN 2277-4106, Vol 4, Issue 5, Jun 2014</li> </ol>	

	<ol style="list-style-type: none"> <li>8. Published Research Paper on “Study of a Home Robot: JIBO”, International Journal of Engineering Research &amp; Technology, ISSN 2278-0181, Vol 3, Issue 10, Oct 2014</li> <li>9. Published Research Paper on “Latent Semantic Analysis for Information Retrieval”, International Journal of Engineering &amp; Technical Research, ISSN 2321-0869, Vol 2, Issue 10, Oct 2014</li> <li>10. A Review of Revolutionary Intrusion Detection Systems For DDOS Attacks on Cloud Systems, International Journal of Technical Research and Applications, e-ISSN:2230- 8163, Vol 3, Issue 6, Nov-Dec 2015</li> <li>11. Study of Spam Intrusion Detection techniques, International Journal of Innovations and Advancement in Computer Science, ISSN 2347-8616, Vol 4, Issue 10, Oct 2015</li> <li>12. Logo recognition using Deep Learning and storing screentime in MongoDB Database International Journal Of Advanced Trends In Computer Science and Engineering ISSN 2278-3091, Vol 8, Issue 5, Oct 2019</li> </ol>
Papers Presented in Conferences	<ol style="list-style-type: none"> <li>1. Research Funded Project under University Of Mumbai Automated Question Generation and Answer Verification using Visual Data, ICCMLA, Aug'19 International Conference on Cybernetics, Cognition and Machine Learning Applications, Proceedings indexed by Springer (presented, to be published).</li> <li>2. A Roadmap to Realisation Approaches in Natural Language Generation”, RACCCS, Aug'19 International Conference On Recent Advancements In Computer Communication &amp; Computational Sciences, Springer Book Series on "Ambient Communications and Computer Systems"(presented, to be published).</li> <li>3. Evolution of Neural Text Generation: Comparative Analysis, IC4S, Oct'19 International Conference on Computer, Communication and Computational Sciences, Springer Book Series on Advances in Intelligent Systems and Computing Indexed by ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and SpringerLink</li> <li>4. Stance Detection using Transformer Architectures and Temporal Convolutional Networks, IC4S-2019 International Conference on Computer, Communication and Computational Sciences, Springer Book Series on Advances in Intelligent Systems and Computing (presented, to be published) Indexed by ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and SpringerLink</li> <li>5. Human Understanding Analyzer, ICCUBEA, Aug'18 International Conference on Computing Communication Control and Automation, ISBN 978-1-5386-5258-9 Published on 25 April 2019, DOI: 10.1109/ICCUBEA.2018.8697370.</li> <li>6. An Attention-Based Approach to Text Summarization, Oct'18 International Conference on Data Engineering and Communication</li> </ol>

	<p>Technology. Advances in Intelligent Systems and Computing, Vol 828, Springer, Singapore, <a href="https://doi.org/10.1007/978-981-13-1610-4_20">https://doi.org/10.1007/978-981-13-1610-4_20</a>, ISBN: 978-981-13-1610-4.</p> <p>7. A Hybrid Approach for Detection of Plagiarism using Natural Language Processing”, Mar'16 International Conference on Information and Communication Technology for Competitive Strategies, Association for Computing Machinery ACM Article No 6, ISBN No 978-1-4503-3962-9</p> <p>8. Review on Student modelling Approaches in ITS, BVICAM (INDIA com Mar'16, IEEE Conference ID: 37465, International Conference on “Computing for Sustainable Global Development”, ISBN: 9789380544199</p> <p>9. A Roadmap to Auto Story Generation, BVICAM (INDIA com Mar'16, IEEE Conference ID: 37465, International Conference on “Computing for Sustainable Global Development”, ISBN: 9789380544199</p> <p>10. Voice-Driven Dynamic Generation of Webpages, IEEE Conference ID:38519,Aug'16 International Conference on Computing, Communication, Control And Automation,</p> <p>11. Intelligent Tutoring Systems for Learning English Punctuation, IEEE Conference ID: 38519, Aug'16 International Conference on Computing, Communication, Control And Automation</p> <p>12. Critical Variable Partitioning for Reconfiguration of Mobile Devices, © Springer-Verlag Berlin Heidelberg ' International Conference on Technology Systems &amp; Management, Feb'11</p>	
Area of Specialization	Artificial Intelligence, Big data Technologies, Machine Learning	
PhD Guide ? Give field & University	: <b>Field:</b>	
	: <b>University:</b>	
PhDs / Projects Guided	: <b>PhDs :</b>	
	: <b>Projects at Masters level:</b>	
Books Published / IPRs / Patents	: Books (Editors for conference Proceedings on Springer)	
Professional Memberships	:	
Grants fetched	: Minor Research Grant (University of Mumbai)	Minor Research Grant (University of Mumbai) of Rs.30000 for the project titled “Automated Question Generation and Answer Verification using Visual Data ” in the A.Y 2018-19

Commented [Ma1]:

Interaction with Professional Institutions	:	<b>Guest Lectures:</b> <b>Other Achievements and Responsibilities:</b>	
Subjects Taught		<b>UG Level:</b> <ul style="list-style-type: none"> <li>• Artificial Intelligence</li> <li>• Big Data Analytics</li> <li>• Natural Language Processing</li> <li>• Theory of Computer Science</li> <li>• Network Programming Laboratory</li> <li>• Network Programming Laboratory</li> </ul> <b>PG Level:</b> <ul style="list-style-type: none"> <li>• Semantic Web technologies</li> </ul>	
Projects Guided	:	<b>UG Level:</b> <ul style="list-style-type: none"> <li>• Neural Text Generation</li> <li>• Automated Question Generation and Answer Verification using Visual Data</li> <li>• Automated MCQ generation</li> <li>• Automated Story Generation</li> <li>• Detection Of Plagairism using Bigdata Technologies</li> <li>• Anaphora resolution in Natural Language Processing</li> <li>• Human Understanding Analyser in a Classroom environment</li> </ul> <b>PG Level:</b>	
Recommended Students for Higher Education		<b>Name of the Student</b>	<b>University/Industry</b> Carnegie Mellon University University of California, Los Angeles New York University University of Southern California University of California, Irvine. University of Texas University of Michigan University of Columbia, Canada University of Ontario University of Toronto
Institute/Department Responsibility handled:		<ul style="list-style-type: none"> <li>• Autonomy Committee</li> <li>• Timetable Coordinator(since 9 years)</li> <li>• PAC Committee</li> <li>• Class In Charge</li> <li>• Technical Committee(DJ-ASCII, ICACTA)</li> <li>• Mentor</li> </ul>	
Pedagogy Development		<ul style="list-style-type: none"> <li>• Various pedagogical tactics like personalized learning, visualization, using real world applications, customizing to the domain(s) of students and project based learning are used.</li> </ul>	

