



**NAME: NITHYA B N**

**DESIGNATION: ASSISTANT PROFESSOR**

**QUALIFICATION: MASTER OF COMPUTER APPLICATIONS**

**TEACHING EXPERIENCE: 11 YRS**

**INDUSTRY EXPERIENCE: 6 YRS**

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**AREA OF INTEREST**

Data Analytics  
Nature Inspired Algorithms  
Optimization Techniques  
Software Architecture

**SUBJECTS TAUGHT**

Big Data Analytics, Python, Operating Systems, Computer Networks  
Business Analytics, System Programming, C and C++, NoSql  
Systems, Secure Coding, Power BI, Data Mining, Artificial,  
Intelligence, Machine Learning, Database Management Systems,  
Software Engineering, Software Testing

**NO. OF CERTIFICATIONS**

1. Inculcating Universal Human Values in Technical Education – AICTE
2. Building Recommender Systems with Machine Learning and AI - Udemy
3. Data Analysis with Pandas and Python - Udemy
4. Statistical Modeling, Analysis and its Applications in Engineering – Ramaiah Institute of Technology
5. Pedagogy (Core Module) - Ramaiah Institute of Technology
6. HPC, CUDA and Parallel Programming using Mathematic - Ramaiah Institute of Technology
7. Predictive Analytics using R - Ramaiah Institute of Technology
8. Emerging Technologies in Data Science (Machine Learning) - Ramaiah Institute of Technology
9. Next Generation Sequencing and Microarray Data Analysis - Ramaiah Institute of Technology
10. Cloud Computing with Amazon Web Services - Ramaiah Institute of Technology

	<p>11. Hadoop - Ramaiah Institute of Technology</p> <p>12. Practical Statistical Machine Learning and Data - Ramaiah Institute of Technology</p> <p>13. Predictive Analytics with Amazon Web Services - Ramaiah Institute of Technology</p> <p>14. Role of Blockchain and Artificial Intelligence in Application of Cyber Security - Ramaiah Institute of Technology</p> <p>15. Technical Writing with LaTeX and Python - Ramaiah Institute of Technology</p>
<p><b>PAPERS PRESENTED</b> [INTERNATIONAL]</p>	<ul style="list-style-type: none"> <li>➤ “Multi Criteria Decisions—A Modernistic Approach to Designing Recommender Systems”, Second International Conference on Innovative Computing and Cutting-edge Technologies (ICICCT 2020)</li> <li>➤ "How what you seek is already seeking you?" in Large Social Networks - First International Conference on Recent Trends and Development in Information and Communication Engineering (ICRTDIC-2020)</li> </ul>
<p><b>JOURNALS</b> [INTERNATIONAL]</p>	<ul style="list-style-type: none"> <li>➤ Analysis of Blockchain Technology: Pros, Cons and SWOT", Journal of Springer - Cluster Computing, The Journal of Networks, Software Tools and Applications, ISSN:1386-7857, March 2018</li> <li>➤ "Optimization-assisted personalized event recommendation for event-based social networks", Advances in Engineering Software, Volume 176, 103368, ISSN 0965-9978, <a href="https://doi.org/10.1016/j.advengsoft.2022.103368">https://doi.org/10.1016/j.advengsoft.2022.103368</a>. (<a href="https://www.sciencedirect.com/science/article/pii/S0965997822002691">https://www.sciencedirect.com/science/article/pii/S0965997822002691</a>) [Quartile 1 Paper]</li> <li>➤ Optimal Hybrid Classification Model for Event Recommendation System'. 1 Jan. 2023: 1 – 18, DOI: 10.3233/WEB-220137, Web Intelligence [Quartile 2 Paper] Meta Heuristic assisted Contextual Post-Filtering Method for Event Recommendation System, Journal of Image and Graphics, International Journal of Image and Graphics, World Scientific, DOI: <a href="https://doi.org/10.1142/S0219467825500433">https://doi.org/10.1142/S0219467825500433</a></li> </ul>

<b>BOOKS PUBLISHED</b>	NA
<b>FDP ATTENDED</b>	<ul style="list-style-type: none"> <li>➤ Inculcating Universal Human Values in Technical Education – AICTE</li> <li>➤ Building Recommender Systems with Machine Learning and AI - Udemy</li> <li>➤ Data Analysis with Pandas and Python - Udemy</li> <li>➤ Statistical Modeling, Analysis, and its Applications in Engineering – Ramaiah Institute of Technology</li> <li>➤ Pedagogy (Core Module) - Ramaiah Institute of Technology</li> <li>➤ HPC, CUDA and Parallel Programming using Mathematic - Ramaiah Institute of Technology</li> <li>➤ Predictive Analytics using R - Ramaiah Institute of Technology</li> <li>➤ Emerging Technologies in Data Science (Machine Learning) - Ramaiah Institute of Technology</li> <li>➤ Next Generation Sequencing and Microarray Data Analysis - Ramaiah Institute of Technology</li> <li>➤ Cloud Computing with Amazon Web Services - Ramaiah Institute of Technology</li> <li>➤ Hadoop - Ramaiah Institute of Technology</li> <li>➤ Practical Statistical Machine Learning and Data - Ramaiah Institute of Technology</li> <li>➤ Predictive Analytics with Amazon Web Services - Ramaiah Institute of Technology</li> <li>➤ Role of Blockchain and Artificial Intelligence in Application of Cyber Security - Ramaiah Institute of Technology</li> <li>➤ Technical Writing with LaTeX and Python - Ramaiah Institute of Technology</li> </ul>
<b>MEMBERSHIPS</b>	<ul style="list-style-type: none"> <li>➤ Life Member of CSI {Membership No: I1505462.}</li> <li>Life Member of International Association of Engineers</li> </ul>
<b>CONSULTANCY PROJECTS</b>	<ul style="list-style-type: none"> <li>➤ Issued funds (1,98,888/-) by AICTE (All India Council for Technical Education) for the conduction of workshop on "Software Testing using Selenium WebDriver" under STTP after submitting a project proposal in August 2020</li> </ul>