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| <b>Name of the Faculty</b>  | <b>Dr. Mohammed Abdul Khaleel</b>   |  |              |
| Designation   | Associate Professor<br>AI&ML, Department  |   |              |
| Date of Joining   | 19-02-2025  |   |              |
| E - Mail  | Makhaleel.ai_ml.jbiet.edu.in  |   |              |
| <b>Educational Qualifications</b>                                 | <b>Name of the Degree</b>   | <b>Institute</b>  | <b>Class</b> |
| Ph. D   | Doctor of Philosophy<br>(Computer Science & Technology)   | Sambalpur State University  | Awarded      |
| PG  | M. Tech (Computer Science and Engineering)  | Mewar University  | First        |
| UG  | B.SC, M. C.A(Faculty of Engineering)  | Osmania University  | Second       |
| <b>Work Experience</b>  |   |   |              |
| Teaching & Research   | 10 Years  |   |              |
| Industry  | 15 Years  |   |              |
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| <b>Responsibilities held at the central level in college</b>      | <ul style="list-style-type: none"> <li>• ABET Criteria 7 (Facilities) Coordinator from 10-10-2015 to 30-06-2024.</li> <li>• Member, Labs and Technical Committee 1-10-2014 to 30-06-2024.</li> <li>• Member, Student Academic Advising Committee 01-07-2016 to 30-06-2024.</li> </ul>   |   |              |
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| <b>Responsibilities held at the departmental level in college</b> | <ul style="list-style-type: none"> <li>• Member Board of Studies, from 19-02-2025 to till date.</li> <li>• R &amp;D coordinator from 19-02-2025 to till date.</li> <li>• Student Project Supervisor for Final year students from 19-02-2025 to till date.</li> </ul>  |   |              |
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| <b>Courses Handled at UG Level</b>                                | <ul style="list-style-type: none"> <li>• Programming courses C, C++, JAVA, PYTHON.</li> <li>• Operating Systems, Computer Graphics.</li> <li>• Database Management Systems, Data Mining and Warehousing.</li> <li>• Software Engineering, Software Project Management, System Analysis and Design.</li> <li>• Artificial Intelligence, Machine Learning.</li> </ul> |   |              |
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| <b>Courses Handled at PG Level</b>                                | <ul style="list-style-type: none"> <li>• Database Management Systems, Data Mining and Warehousing.</li> </ul>   |   |              |
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| <b>Area of Research</b>   | <ul style="list-style-type: none"> <li>• Datamining on Medical Data.</li> <li>• Applying Datamining techniques on big data.</li> <li>• Mobile Cloud Computing</li> <li>• Artificial Intelligence using Deep Learning.</li> </ul>  |   |              |

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| <b>Prominent Research Publications in Conferences</b> | <ul style="list-style-type: none"> <li>• Mohammed Abdul Khaleel et. al, "Implementation of Wireless Sensor Network using Virtual Machine (VM) for Insect Monitoring," in Proc. Springer ICIECE-2019, Hyderabad, India, Aug 2019.</li> <li>• Mohammed Abdul Khaleel (2016) ET. AI: A Framework with Data Mining Approaches to Predict Early Outbreak of Dengue Epidemic, International Conference on Medical Informatics at AIIMS, Bhubaneswar.</li> <li>• Mohammed Abdul Khaleel (2014) ET. AI: Medical Data Mining for Discovering Periodically Frequent Diseases from Transactional Database, Springer Sponsored International Conference on Computational Intelligence in Data Mining, VSSUT, Burla, Orissa, pp 87-96</li> </ul>   |
| <b>Prominent Research Publications in Journals</b>    | <ul style="list-style-type: none"> <li>• Mohammed Abdul Khaleel et. al, " A Robust and Secure Electronic Internet of Things-Cloud Healthcare Framework for Disease Classification Using Deep Learning", in journal of Nanoelectronics and Optoelectronics, February 2024, Science Citation Index Expanded (IF= 1.0 ).</li> <li>• Mohammed Abdul Khaleel et. al, "Design of a Novel Edge-Centric Cloud Architecture for m-Learning Performance Effectiveness by Leveraging Distributed Computing Paradigms' Potentials ", in SAGE Open(SAGE Publications),20thAugust2023, Science Citation Index Expanded (IF= 2.0).</li> <li>• Mohammed Abdul Khaleel et. al, "Mobile learning evolution and emerging computing paradigms: An edge-based cloud architecture for reduced latencies and quick response time", Array(Elsevier), 1st December 2022, Scopus Q1(SJR=2.880).</li> <li>• Mohammed Abdul Khaleel et. al, " Mobile Learning New Trends in Emerging Computing Paradigms: An Analytical Approach Seeking Performance Efficiency ", in the Wireless Communications and Mobile Computing (Hindawi),5th September 2022, Science Citation Index Expanded (IF= 2.146).</li> <li>• Mohammed Abdul Khaleel et. al, "A Novel Approach of Clustering Documents: Minimizing Computational Complexities in Database", in the International Arab Journal Of Information Technology ,1st July 2022, Science Citation Index Expanded (IF= 1.0).</li> <li>• Mohammed Abdul Khaleel et. al, "Component-centric mobile cloud architecture performance evaluation: an analytical approach for unified models and component compatibility with next generation evolving technologies", in the Mobile Networks and Applications Journal(Springer), published online 28 march 2022, Science Citation Index Expanded (IF= 3.077).</li> <li>• Mohammed Abdul Khaleel et. al, " E-learning services to achieve sustainable learning and academic performance: An empirical study", in Sustainability (MDPI) published 2nd march 2021, Science Citation Index Expanded (IF= 3.889).</li> <li>• Mohammed Abdul Khaleel et. al, "Efficient resourceful mobile cloud architecture (mRARSA) for resource demanding applications", Springer Journal of Cloud Computing, Feb 2020, Science Citation Index Expanded (IF= 2.788).</li> <li>• Mohammed Abdul Khaleel (2014) ET. AI.: A Survey of Data Mining Techniques on Medical Data for Finding Temporally Frequent Diseases, International Journal of Advanced Research</li> </ul> |

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|  | <p>in Computer and Communication Engineering, ISSN (Print) : 2319-5940,ISSN (Online) : 2278-1021, Vol. 2, Issue 12</p> <ul style="list-style-type: none"> <li>• Mohammed Abdul Khaleel (2014) ET. Al: Finding Temporally Frequent Diseases Using Modified Karmalego Algorithm, International Journal of Computer Engineering and Applications, Volume V, Issue II, and ISSN: 2321-3469.</li> <li>• Mohammed Abdul Khaleel, (2014) ET. Al: A Survey of Data Mining Techniques on Medical Data for Finding Periodically Frequent Diseases, International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Print) : 2319-5940,ISSN (Online) : 2278-1021, Vol. 3, Issue 4.</li> <li>• Mohammed Abdul Khaleel (2014) ET. Al: Medical Data Mining for Discovering Periodically Frequent Diseases from Transactional Database, Springer Sponsored International Conference on Computational Intelligence in Data Mining, VSSUT, Burla, Orissa, pp 87-96</li> <li>• Mohammed Abdul Khaleel (2014) ET. Al: Outlier Detection For Business Intelligence Using Data Mining Techniques, International Journal of Computer Applications Volume 106 – No.2, ISBN: 973-93-80887-61-5</li> <li>• Mohammed Abdul Khaleel (2013) ET. Al,: A Survey of Data Mining Techniques on Medical Data for Finding Locally Frequent Diseases, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Vol 3,Issue 8.</li> <li>• Mohammed Abdul Khaleel (2013) ET. Al,: Finding Locally Frequent Diseases Using Modified Apriori Algorithm, International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Print) : 2319 5940,ISSN (Online) : 2278-1021, Vol. 2, Issue 10.</li> </ul> |
| Web of Science Profile link:                                       | <a href="https://www.webofscience.com/wos/author/record/HHT-0482-2022">https://www.webofscience.com/wos/author/record/HHT-0482-2022</a>  |
| Scopus ID  | 57211890956<br><a href="https://www.scopus.com/authid/detail.uri?authorId=57211890956">https://www.scopus.com/authid/detail.uri?authorId=57211890956</a>   |
| Google Scholar ID  | <a href="https://scholar.google.com/citations?hl=en&amp;user=qcasBScAAAAJ">https://scholar.google.com/citations?hl=en&amp;user=qcasBScAAAAJ</a>  |
| H-Index (As per SCOPUS Database)                                   | 5  |
| <b>PROFESSIONAL MEMBERSHIPS</b>                                    | <ul style="list-style-type: none"> <li>• Life Member of International Association of Engineers [IAENG] [Membership Number - 118770]</li> <li>• Life Member of International Association of Computer Science and Information Technology [IACSIT] [Membership Number - 80343837]</li> </ul>  |
| <b>Details of Short-Term Training Programs/Faculty Development</b> | <ul style="list-style-type: none"> <li>• A Five Days “IBM AIX Basics &amp; System Administration” training attended at King Khalid University, Abha, Saudi Arabia from 15-11-2008 to 19-11-2008.</li> <li>• Completed DB2 Fundamentals &amp; Administration training at King Khalid University, Abha, Saudi Arabia from 27-12-2008 to 31-12-2008.</li> </ul>   |

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| <b>Programs/Seminars/<br/>Workshops<br/>(Attended)</b> | <ul style="list-style-type: none"> <li>• Attended System Administration for Sun Solaris Operating System training at King Khalid University, Abha, Saudi Arabia from 20-02-2010 to 24-02-2010.</li> </ul>   |
| <b>Professional<br/>Certifications</b>                 | <ul style="list-style-type: none"> <li>• Brain bench certified Oracle Developer, 2000.</li> <li>• Oracle Certified Database Administrator, 2007.</li> <li>• IBM Data Science Orientation, 2021.</li> </ul>  |
| <b>Patent Detail</b>                                   | <ul style="list-style-type: none"> <li>• A system of cloud architecture for resource demanding applications granted by commonwealth of Australia,2021</li> <li>• Deep Learning based Image Recognition System For Medical Diagnosis applied at Indian IPR,2025</li> </ul> |