


Name of the Faculty	Dr. Md Asif			
Designation	Assistant Professor & TPO			
Date of Joining	05-07-2021			
E - Mail	asif.ecm@jbiet.edu.in asiff1988@gmail.com			
JNTUH Registration ID	0369-170122-081347			
Educational Qualifications	Name of the Degree	University	Year	Division
Post Doc(Remote)	Post-Doctoral Fellowship	Singapore Institute of Technology	2025	Awarded
Ph. D	Doctor of Philosophy (Wireless Communication )	Bhagwant University-India	2024	Awarded
PG	M. Tech (Embedded Systems)	JNTU Hyderabad	2012	FCD
UG	B.Tech (ECE)	JNTU Hyderabad	2009	First
Work Experience				
Teaching	13 Years			
Research	5 Years			
Industry	--			
Responsibilities held at the central level in college	<ul style="list-style-type: none"><li>• Training and Placement Officer &amp; CGC Coordinator</li><li>• Member, Academic Council, from 01-10-2022 to till date.</li></ul>			
Responsibilities held at the departmental level in college	<ul style="list-style-type: none"><li>• Department BOS Member</li><li>• Project and Internship Coordinator</li></ul>			
Courses Handled at UG Level	<ul style="list-style-type: none"><li>• IC applications Course for B. Tech Third Year Students.</li><li>• WSN for B. Tech Third Year Students</li><li>• Control Systems Course for B. Tech Fourth Year Students.</li><li>• Electronic Devices and Circuits, Electronic Circuit Analysis, Pulse and Digital Circuits and Analog Electronics for B. Tech Second Year Students.</li><li>• MPMC for B. Tech Third Year Students</li></ul>			
Area of Research	<ul style="list-style-type: none"><li>• Wireless Communications (5G/6G), Artificial Intelligence &amp; Internet of Things.</li></ul>			

**Prominent Research Publications in Journals' & Conferences'**

1. Md.Asif and Angotu Saida, "Executing Multiple Identities in IMS/VOLTE Networks utilizing Implicit Registration" Journal of Applied Science and Computations , February, 2019
2. Md Asif and Angotu Saida, "Future Technology for Mobile Communication System", Journal of Applied Science and Computations February, 2019
3. Md Asif and Angotu Saida, "Analysis of MSA, Paraboloid and Lens Antennas Using SHF for Wireless Communication Devices", National Conference Proceeding NCESTFOSS Dec 2017
4. Md Asif , "Potential capability of LTE-advanced Physical layer", Global journal of engineering science and Researches, June-2018
5. Md.Asif, Dr.R.K.Yadav, "A Study on 5G/6G Wireless Communication with a Reference to AR/VR Technology", International Journal of Engineering & Scientific Research (IJESR), Vol. 08 Issue 04, April 2020, ISSN: 2347-6532 Impact Factor: 6.660, pp. 10-16.
6. Md.Asif, Dr.R.K.Yadav, Prof.Dr.V.K.Sharma 'Role of internet of things in 5g network ', International Journal of Management, IT & Engineering (IJMIE), Vol. 12 Issue 6, June 2022, ISSN: 2249-0558 Impact Factor: 7.119, pp. 56-65.
7. Md.Asif, Dr.R.K.Yadav, "Efficient 5G Multihop Communication with reduced SAR (Specific Absorption Rate)', International Online Conference on Advancement In Electronics & Communication(AECE-2020), January 21-22, 2021, RKGIT, Ghaziabad, U.P., pp.290-294.
8. Md.Asif, Dr.R.K.Yadav, "Trends and Technological Challenges in WSNs with reference to 5G/6G", Accepted at IAJESM Sponsored An International Conference on Recent Innovations in Science, Engineering and Technology (NCRISSET-2020), Padampur, India, August 23, 2020
9. Md.Asif, Dr.R.K.Yadav, "New Vista of 5G/6G Protocols-An Overview"-IAJESM Sponsored An International Conference on New Vista In Computer and Engineering Science ICNVES-2021, Surathgarh, Rajasthan, India, October 23- 24, 2021.
10. Md. Asif, Narsappa Reddy, Rajkumar D Bhure , " Arduino based sensor for detecting gas leakage" International Journal of System Design and Information Processing (SDIP) ISSN:(Print): 2319-9288 | (Online): 2321-0591
11. Md. Asif, N Tirupati Rao "A real time tracking and alerting application for the college buses" International Journal of System Design and Information Processing (SDIP) ISSN:(Print): 2319-9288 | (Online): 2321-0591
12. Mr.Asif, Bobbili Pavan Kumar "Leaf disease detection using Machine Learning" International Journal of System Design and Information Processing (SDIP) ISSN:(Print): 2319-9288 | (Online): 2321-0591
13. Md Asif ,Manupati Kiran "Mobile phone controlled street light control system with automatic day/night switch over" International Journal of System Design and Information Processing (SDIP) ISSN:(Print): 2319-9288 | (Online): 2321-0591
14. Mr. MD. ASIF, G. Santoshini Sagar, "e-mart enhancing the cloud computing" International Journal of System Design and Information Processing (SDIP) ISSN:(Print): 2319- 9288 | (Online): 2321-0591
15. Md Asif<sup>1</sup> , N. Ramesh Babu<sup>2</sup> , Narsappa Reddy<sup>3</sup> , N.Tirupathi Rao<sup>4</sup> " Intelligent Network Slicing for 5 G Networks and ML Technologies: A High Level Security Prospective " in International Journal of Innovative Engineering and Management Research- Volume 11 Issue 09, Sep 2022 ISSN 2456 – 5083 Page : 253
16. Dr.Md.Asif<sup>1</sup> "VERBALLINK TRANSLATOR: INTERACTIVE MULTILINGUAL CONVERSATION COMPANION" International Journal of Engineering &

	<p>Science Research “ISSN 2277-2685 IJESR/Apr-Jun. 2024/ Vol-14/Issue-2/48-55”</p> <p>17 Dr.Md.Asifl “Advanced Traffic Clearance System for Emergency Vehicles” Volume -12 Page.No:27-May-2024 in International Journal of Information Technology and Computer Engineering (IJITCE) (ISSN: 2347-3657)</p> <p>18 Manupati Kiran*1, Ginaram Anurag Sai Goud*2, Nenavath Arun*3, Dr. Md. Asif4 “SUBAQUATIC LI-FI: ADVANCING DATA TRANSMISSION FOR UNDERWATER COMMUNICATION” DOI: <a href="https://ijmrr.com.2024.v14.i03.pp10-15">https://ijmrr.com.2024.v14.i03.pp10-15</a> in INTERNATIONAL JOURNAL OF MANAGEMENT RESEARCH AND REVIEW</p> <p>19 Dr.Md Asif “ Chatbot for College website(JBIET)” IN IJMECE Volume-12 –Page-41-May-2024</p> <p>20 Dr.Md Asif “ Face mask detection using Deep Learning” IN IJMECE Volume-12 Page-71- May-2024</p> <p>21 Dr.Md Asif “ Automated Helmet Detection and Citation System Using Licence Plate Recognition” IN International Journal of Information Technology and Computer Engineering (IJITCE) (ISSN: 2347-3657) Volume-12 Page-81- May-2024</p> <p>22 Dr.Md.Asif “Multi-Feature Graph Attention Network for Automatic Modulation Recognition in Spatial Cognitive Radio” Springer -Lecture Notes in Electrical Engineering, 2025</p> <p>23 Dr.Md.Asif “Optimized Spherical Network for Fault-Tolerant IoT WSNs” IEEE Xplore, 2024</p> <p>24 Dr.Md.Asif “Blockchain Integrated Spherical Convolution Neural Networks for IoT” 2 nd International Conference on Devices, Intelligent System and Communications (DISC- 2024) with American Institute of Physics (AIP) Conference Proceedings</p> <p>25 Dr.Md.Asif “IoT-Based Smart Hospice Automation Using the Blynk App and ESP32 Wi-Fi Module: A Comprehensive Approach” International Conference on Innovations in Communication and Informatics (ICICI 2024) with American Institute of Physics (AIP) Conference Proceedings</p> <p>26 Dr.Md.Asif “Harnessing the Power of Artificial Intelligence in the Advertising Industry: A New Era of Personalized Engagement and Strategic Innovation” Juni Khyat ISSN: 2278-4632 (UGC CARE Group I Listed Journal) Vol-14, Issue-8, August: 2024</p> <p>27 Dr.Md.Asif “The Overall Impact of Artificial Intelligence on the Media Industry” Industrial Engineering Journal ISSN: 0970-2555 Volume : 53, Issue 7, July : 2024</p> <p>28 Dr.Md.Asif “Exploring AI Tools in Journalism: Bridging Innovation and Traditional Media Practices” Journal of Nonlinear Analysis and Optimization Vol. 15, Issue. 1, No.10 : 2024 ISSN :1906-9685</p> <p>29 Dr.Md.Asif “The Role and Impact of Artificial Intelligence in Media and Journalism: An In-Depth Analysis of AI Tools, Emerging Trends, and Ethical Implications” GoyaJournal ISSN N0 : 0017 – 2715 June-2024</p> <p>30 Dr.Md Asif ” Exploring the Opportunities and Challenges of the Integration of Artificial Intelligence: With Reference to Media, Journalism, and Advertising” IJIRT   Volume 11 Issue 6   ISSN: 2349-6002 November 2024</p> <p>31 Dr.Md Asif “Towards Efficient 6G IoT Networks: A Perspective on Resource Optimization Strategies, Challenges, and Future Directions for Remote Location Surgery” International Journal of Electrical and Computer Engineering (IJECE), ISSN 2088-8708, e-ISSN 2722-2578- April-2025</p> <p>32 Dr.Md.Asif “E-Store Power Efficiency: IoT Solutions for Advanced Electrical Energy Management in Retail” International Journal of Communication Networks and Information Security 2024, 16(5) ISSN: 2073-607X,2076-0930-March-2025</p>
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<b>Patents</b>	<ol style="list-style-type: none"> <li><b>Smart Antenna System Using Artificial Intelligence</b> Patent No: 202341046810-A   Published: 12/07/2023</li> <li><b>Cooperative Spectrum Sensing Framework for Green CRNs</b> Patent No: 202241007447-A     Published: 11/02/2022</li> <li><b>Ultra-Low Power Chip for IoT and Wi-Fi Applications</b> Patent No: TEMP/E-1/77653/2022-CHE     Published: 23/11/2022</li> <li><b>Intelligent Notification System for Content Updates and Collaborations</b> Patent No: TEMP/E-1/89775/2023-CHE     Published: 07/11/2023</li> <li><b>System and Method For Identifying and Analysing Peer Groups In AI-Driven Identity Management using Network Identity Graph Clustering</b> GebrauchsmustersNr:20 2024 105 477 Tag der Anmeldung 24.09.2024 (German Utility Patent Grant)</li> <li><b>Block chain –Powered Health Records Management System and Method</b> Application No: 202441055884 A     Published: 22/07/2024</li> <li><b>Intelligent Deep Learning Architecture integrating Semantic and Instance Segmentation for Precision Object Detection</b> Application No: 202441096942     Published: 07/12/2024</li> </ol>
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<b>ORCID ID</b>	<ul style="list-style-type: none"> <li>0000-0002-7079-0138</li> </ul>
<b>Google Scholar ID</b>	KuW4RtwAAAAJ&hl[ <a href="https://scholar.google.com/citations?user=KuW4RtwAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=KuW4RtwAAAAJ&amp;hl=en</a> ]

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<b>Editorial Board Member</b>	<ul style="list-style-type: none"> <li>Editorial Board Member for International Journal of Engineering and Science Research (IJESR)</li> <li>Editorial Board Member for International Journal of Science &amp; Technology (JST)</li> <li>Reviewer for International Journal of Multidisciplinary Engineering in Current Research (IJMEC)</li> </ul>

<b>Details of Short-Term Training Programs/Faculty Development Programs Attended</b>	<ol style="list-style-type: none"> <li>1. ATAL Academy Faculty Development Program on “Artificial Intelligence for Geospatial Data Analysis”</li> <li>2. ATAL Academy Faculty Development Program on “Advancements in Telehealth Industry Using IoT”.</li> <li>3. ATAL Academy Faculty Development Program on “Cutting-Edge Approaches to Natural Language Processing and Large Language Models”</li> <li>4. ATAL Academy Faculty Development Program on “Innovating with Generative AI: Transforming Large Language Models for Real-World”</li> <li>5. SIX DAYS BOOTCAMP on "DESIGN THINKING"organised by the Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Vadapalani, Chennai</li> <li>6. Participated in Faculty Development Program on Awarded To AI Applications in Banking and Healthcare Industry organized by ExcelR</li> <li>7. Participated in Faculty Development Program on Awarded To Gen AI &amp; Chat GPT Application in the Industry organized by ExcelR</li> <li>8. Participated in Faculty Development Program on Blockchain &amp; Web3 organized by ExcelR</li> <li>9. Participated in Faculty Development Program Live Training Program on Medical Coding organized by ExcelR</li> <li>10. Participated in Faculty Development Program on Awarded To AI Applications in Banking and Healthcare Industry by ExcelR</li> <li>11. Participated in one week Faculty Development Program on Microsoft Power BI Data Analyst Associate organized by ICT Academy.</li> <li>12. Participated in one week International Faculty Development Program on Ethics and Values for Teaching Professionals &amp; Administrator organized by Globarena Academy,Geneva,Switzerland</li> <li>13. Participated in one week Faculty Development Program on Engineering Tomorrow's Cars Mastering Automotive Architecture with Embedded Systems organized by JBREC</li> <li>14. Participated in one week Faculty Development Program on Deep Learning in Biomedical Engineering organized by JBREC</li> <li>15. Participated in an online 15 Day Faculty Development Program (FDP) on “Cyber Security &amp; Forensics” organized by the Centre of Excellence in Cyber Security JNTUH</li> <li>16. Completed the NEP 2020 Orientation &amp; Sensitization Programme - 15 under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) Organized by UGC Malaviya Mission Teacher Training Centre, Jawaharlal Nehru Technological University Hyderabad.</li> <li>17. Participated in an Six Week Faculty Orientation Programme “IGNITE Certification Program” organized by Directorate of Entrepreneurship Innovation and Start-ups ,JNTUH</li> <li>18. Participated in one week Faculty Development Program on AI Tools in Action organized by KGRCET</li> <li>19. Faculty Development Program On “Innovative Approaches in</li> </ol>
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	<p>IoT and Embedded Systems : Hands-On Approaches to Bridging Theory and Practice organized by KGR CET</p> <p>20. Participated in one week Faculty Development Program on Introduction to MATLAB &amp; Simulink Organized by NIELIT</p> <p>21. Participated in the AICTE Recognized Faculty Development Programme on Teaching ECE Lab subjects using free Simulators organized by NITTTR</p> <p>22. Participated in 40 Hours week Faculty Development Program on Advancements in Communication Systems: Integrating AI &amp; ML for Enhanced Signal Processing organized by NIT-Warangal</p> <p>23. Participated in 40 Hours week Faculty Development Program on AI/ML for Signal Processing and IOT Applications organized by NIT-Warangal</p> <p>24. Participated in 3-Days Workshop On Recent Developments in Design of Medical Devices using latest Technologies to Diagnose Various Health Conditions organized by Shadan College of Engineering and Technology</p> <p>25. Participated in 20 Days National Level Short Term Training Program on Java Full Stack with React JS &amp; AI Organised by SRM Institute of Science and Technology, Kattankulathur, In Association with Brainovision Solutions India Pvt. Ltd., Hyderabad, Telangana. and All India Council for Technical Education(AICTE).</p> <p>26. Participated in 5- Day FDP on “ Advances in Signal and Image Processing” organized by Stanley College of Engineering and Technology for Women.</p> <p>27. Participated in 5- Day PDP the “TRENDS IN THREAT ANALYSIS OF CYBER ATTACKS IN MACHINE LEARNING” organized by Vardhaman College of Engineering.</p> <p>28. Participated in 6-Weeks in the Faculty Development Program entrepreneurship education and development in higher education by Wadhvani Foundation</p>
<b>Books Published</b>	<ul style="list-style-type: none"> <li>• <i>Energy Consumption Issues in Wireless Communication</i>, Prashas Publications, 2024   ISBN: 9788-1-96-98106-8</li> <li>• <i>Designing of Physical Layer in 6G Wireless Communications</i>, Euro Asian University Press, 2024   ISBN: 9789-9-91-64245-44</li> <li>• <i>Advanced Wireless Communication and Artificial Intelligence</i>, Iterative International Publishers, 2025 ISBN: 978-93-6252-405-8</li> <li>• <i>The Art of Learning Machines: Leveraging Algorithms for Intelligent Systems</i>, Selfypage Developers Pvt Ltd, 2024   ISBN: 978-93-6252-182</li> </ul>
<b>Awards Received</b>	<ul style="list-style-type: none"> <li>• Received <b>Sahitya Sparsha Award-2025</b> for the book titled “<b>Designing of physical layer in 6G Wireless Communication</b>”.</li> <li>• Received <b>Best Placement Officer Award-2024</b> from <b>Alpha International Publication</b></li> <li>• <b>Best Paper Award for the Article “Blockchain Integrated Special Convolution Neural Network for IOT in 2<sup>nd</sup> Internatinal Conference Devices, Intelligent System and Communications(DISC-2024)</b></li> </ul>