


Name of the Faculty	Mr. Rajkumar D Bhure		
Designation	Associate Professor		
Date of Joining	16-04-2002		
E - Mail ID	Rajkumarb.ece@jbiet.edu.in		
Educational Qualifications	Name of the Degree	Institute	Class
Ph. D	Doctor of Philosophy (Radar Engg,)	GITAM, Hyd.	Perusing
PG	M. Tech (Communication Systems)	GUG, Gulbarga	First
UG	B.E (ECE)	REC Bhalki	Second
Work Experience	24 years		
Teaching	24Years		
Research	-		
Industry	-		
Responsibilities held at the central level in college	<ul style="list-style-type: none"> • Additional Controller of Examination (ACE) till 2022. • NBA, Criteria-7, Central Coordinator • NAAC Criteria 5 Central Coordinator. • Member, Academic Council, from 04-06-2022 to till date. 		
Responsibilities held at the departmental level in college	<ul style="list-style-type: none"> • Worked as Head of the Department. • Served as Chairman, Board of Studies. • Member Board of Studies, to till date. • AATM-2023, Convenor, International Conference in 2023 • CLIQUE- Department Student Club - Faculty Coordinator till date. 		
Courses Handled at UG Level	<ul style="list-style-type: none"> • Microwave Engineering Course for B. Tech Third Year Students. • Satellite Communication Course for B. Tech Third Year Students. • Radar Engineering Course for B. Tech Fourth Year Students. • Analog & Digital Communication Course for B. Tech Second Year Students. • Analog Communications Lab Course for B. Tech Second Year Students. • Microwave Engineering Lab Course for B. Tech Third Year Students. • Analog Communications Lab Course for B. Tech Second Year Students. • PTSP Course for B. Tech Second Year Students. • BEEE Course for B. Tech First Year Students 		

	<ul style="list-style-type: none"> • Signals & Systems Course for B. Tech Second Year Students. • Analog Communications Course for B. Tech Second Year Students
Courses Handled at PG Level	
Area of Research	<ul style="list-style-type: none"> • “Design and Implementation of Radar Codes to Enhance Target Detection in Doppler Tolerant Radar.
Research Guidance for M. Tech/ Ph. D Students	<ul style="list-style-type: none"> • Guided Ten M. Tech Dissertations.
Books/ Book Chapters Published	<ul style="list-style-type: none"> • Basic Electrical and Electronics Engineering (Engineering B. Tech 1st Year) by Rajkumar D Bhure, et al. 1 January 2017, Available in AMAZON • Electromagnetic Theory and Transmission Lines (Engineering B. Tech 3rd Year 1st Semester ECE Branch) by, Rajkumar D Bhure, et al. 1 January 2019, Available in AMAZON.
Prominent Research Publications in Conferences	<ul style="list-style-type: none"> • Raj Kumar D Bhure, K Manjunathachari “Improved Doppler Radar Target Detection Method Using Quad Code Sequence Generation.” Research in Intelligent and Computing in Engineering pp 453–466; First Online: 05 January 2021. • Rajkumar D Bhure Harshith Koundinya Tolupunuri, Harshitha Dareddy, Sai Sree Cheepurpalli, “Implimentation os small cell antenna based massive MIMO system for high spectrum and energy efficiencies” International Journal of System Design and Information Processing (SDIP); ISSN:(Print): 2319-9288 (Online): 2321-0591;Volume: Volume 11 (2023); Issues: Issue 1, Pages: 247-253 • Rajkumar D Bhure1; NarasappaReddy2; G Anand3; VVVS Prasad4 “Reduction Of Side Lobe In Doppler Tolerant Radar Using Digital Coding Technique” , International Journal of System Design and Information Processing (SDIP), ISSN:(Print): 2319-9288 (Online): 2321-0591;Volume: Volume 11 (2023),Issues: Issue 1,Pages: 247-253
Prominent Research Publications in Journals	<ul style="list-style-type: none"> • Mr. Rajkumar D Bhure Dr.P. Duraipandy, Dr.Towheed Sultana , Dr.J.Kartigeyan Dr.G.Nithy A “Designing And Implementation Of Embedded Based Alert System For Overheat Detection In Machines”, Journal of Pharmaceutical Negative Results 2023 Volume 14 Regular Issue 02 page Nos.825, DOI: 10.47750/pnr.2023.14.02.103; Feb/2023; • Rajkumar D Bhure, Narsappa Reddy Md. Asif3 “ARDUINO BASED SENSOR FOR DETECTING GAS LEAKAGE” International Journal of System Design and Information Processing (SDIP) ISSN:(Print): 2319-9288 (Online): 2321-0591;Volume 11 (2023) - Issue 2; • Mr.Rajkumar D Bhure/ Nomula Mounika,” Design and implementation of automated wave-pipelined circuit” in

	<p>International Journal of Research, Volume XI, Issue XII; Page No: 112; December/2022;</p> <ul style="list-style-type: none"> • Raj Kumar D Bhure, K Manjunath Chari, “Improved Doppler Radar Target Detection Method Using Quad Code Sequence Generation”, Research in Intelligent and Computing in Engineering pp 453–466; First Online: 05 January 2021, https://doi.org/10.1007/978-981-15-7527-3_44; • Bhure, Rajkumar D; Manjunathachari, K “Design Of Digital Code Using Trellis Code to Improve Multiple Moving Target Detection in Doppler Radar” Indian Journal of Science and Technology 14(46): 3407-3415.(2021); https://doi.org/10.17485/IJST/v14i46.1771;
Google Scholar ID	https://scholar.google.com/citations?user=GtQkSHkAAAAJ&hl=en
H-Index (As per Google Scholar)	01
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Attended)	<ul style="list-style-type: none"> • NEP 2020 Orientation and Sensitization Programme-2" held from 16-11-2023 to 30-11-2023. Organized By JNTUH. • Digital Image Processing Using Matlab" Workshop by Matrusri Engg. Collage Hyd. 27-07-20 to 31-07-20 • IEEE webinar on Knowledge based innovative MSME schemes for academic institutions 16 May 2020. • Faculty Development Programme on "Robotic Process Automation and its allied Machine Learning Techniques" on 23-05-2020 • FDP on “Recent Trends and Future Applications in Electronics and Communication Technologies” 29-05-2020 to 2-06-2020. • Recent trends in color image processing 11 May 2020 • Design of Low-Cost Group IV based Photo Detector 16 May 2020 • Online Quiz on “Research Metrics in Scientific Publications” On 30-05-2020 • Electronic Core Engineering Upskilling Test Series (Part-1) 1st - 5th June, 2020. • Faculty Development Program on Cyber Security 15th & 16th May 2020. • “An IOT based Implication of Data communication in Nano Satellite Design-A Birds Eye View” on 15.5.2020
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Organized)	<ul style="list-style-type: none"> • Two Day Smart Innovation Hackathon 2023, On 26th -27th September, 2023 • Guest Lecture on Image Processing and its Application On 8th Feb 2023 • Guest Lecture about WEARABLE BIO-SENSORS on 10th April 2023 • J Bhaskar Rao Memorial 1st International Conference on Advanced Applications of Technology and Management (AATM) 2023; Date: 10th to 11th March, 2023 • Organized a Seminar on IC fabrication on 23-08-2022. • Organized a Seminar on Recent trends and real time applications of Computer Networks on 15-06-2022. • Vigyan- A Three Day Technical Fest Organized during

	<ul style="list-style-type: none">• 05-05-2022 to 07-05-2022• Guest Lecture on FBG-Fiber Brag Grating MAR.17, 2021• Organized a 7 Day Workshop on Arduino Prototyping during 21-10-2021 to 27-10-2021.• Organized a 3-day Workshop on Digital Signal Processing using MATLAB during 04-10-2021 to 7-10-2021.• Organized a Two-day international conference on Devices, Intelligent Systems & Communications, DISC-2020 on 9TH & 10TH Jan 2020 as a Coordinator held at JBIET• Organized a 2-day national level technical symposium ELOQUENCE2K-17 on 21st,22nd &23rd February 2017 as a Coordinator held at JBIET• Organized a 2 day national level technical symposium ELOQUENCE2K-14 on 14th &15th March 2014, as a Coordinator held at JBIET.
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