

RESUME

Name	Dr. MOHAN BABU C			
Date of Birth	14-06-1984			
Address	<p><i>Residential Address:</i> S/o Chikkappaiah Door No.56, 2nd ward Valmikinagar, Bagepalli-561207 Chickballapur(D)</p> <p><i>Contact No:</i> 9036939207</p> <p><i>E-mail:</i> mohanbabu015@gmail.com Mobile: 9036939207</p>			
Educational Qualifications	Exam Passed (Pl. Tick)	Institution University	% & Class Obtained	Year
	Degree:	RLJIT/VTU	60% & First Class	2005
	PG:	SJCIT/VTU	70% & FCD	2008
	Higher:	Dr.AIT /VTU	Completed	2024
Experience	Nature of Experience		No. of Years	
	Teaching		18	
	Industry/Research		00	
	Total No. of years of Experience		18	
Experience Details	Designation	Institution/ Organization	Duration	
	Associate Professor	SJC Institute of Technology, Chickballapur	March 2025-Till date	
	Assistant Professor	SJC Institute of Technology, Chickballapur	2008-2025	
	Lecturer	Ghousia College of Engineering, Ramanagaram	2005-2006	
Other Professional Experience	NIL			
Areas of Research Interest & Guidance	Wireless Communication			

National/ International Work Shops/ Seminars / Conferences/FDP's Attended				
Sl. No	Name of the Event	Organizer	Date	Venue
1	Attended FDP on “Introduction to AI and its Applications, with an overview of Kaggle and GitHub”	CSE,SJCIT	19 th August 2025 to 23 rd August 2025	Chickballapur
2	Webinar on "AI Accelerators: Reliability and Security Perspectives"	IEEE-IISc VLSI Chapter	5 th March 2025	Bangalore
3	Webinar on “Application of Nanotechnology and Materials Engineering”	KSCST	25 th February 2025	Bangalore
4	Webinar on ““Merging Insights from Artificial and Biological Neural Networks for Neuromorphic Edge Intelligence”	IEEE-IISc VLSI Chapter	19 th February 2025	Bangalore
5	5-Days FDP on “Emerging Trends in Image Processing Using Artificial Intelligence”	SJMIT	17th to 21st February 2025	Chitradurga
6	6-Days FDP on “Chip Design to Tapeout”	SJCIT	3rd to 8th February 2025	Chickballapur
7	Webinar on “SRAM-based In-Memory Computing Hardware: Analog vs Digital and Macros to Microprocessors”	IEEE-IISc VLSI Chapter	27th January 2025	Bangalore
8	Webinar on “empowering Academic Excellence in VLSI Deign with Micro wind”	Silicon Micro Systems	23rd January 2025	Bangalore
9	Seminar on “Frosty Bytes: Cryogenic CMOS for High Performance Computing”	IEEE-IISc VLSI Chapter	13th January 2025	Bangalore
10	5-Days FDP on Emerging Semiconductor Technologies for IOT and AI Applications	SJCIT	27th to 31st December 2024	Chickballapur
11	One-Week workshop on Research and intellectual property Rights(IPR)	Bangalore Integrated Management Academy	9 th -14 th December 2024	Bangalore
12	Attended a webinar on “Introduction to Versal”	Sandeepani School of Embedded System Design,	7 th June 2024	Bangalore
13	Online Short Term Training Program on “Next Generation AI” organized by National Institute of Technology, Nagaland	National Institute of Technology	18 th -22 nd March 2024	Nagaland

14	FDP on “Cloud Infrastructure	SJCIT	21st to 25th August 2023	Chickballapur
15	FDP on Internet of Things	SJCIT	May 18 th to 24 th 2023	Chickballapur
16	6-days FDP organized on Professional Skill Development in 3D Printing & 3D Scanning Technologies,	SJCIT	17 th -22 nd January 2023	Chickballapur
17	5-days Faculty Development Program on “Next Generation Wireless Networks for Autonomous Intelligent Communications”	SVCE, Bengaluru	26 th Dec2022 to 30 th Dec2022	Bengaluru
18	FDP on “Fundamentals and Applications of Basic Signal Processing”	SJCIT	18 th to 22 nd October 2022	Chickballapur
19	Webinar on Impact LectureSeries-1	SJCIT	1 st Oct 2021	Chickballapur
20	Webinar on Fundamentalsand applications of Digitalimage processing	SJCIT	27 th Sep to 29 th Sep 2021	Chickballapur
21	Webinar on “Achieving energy efficiency in high datarate transmission techniques for 5G systems”	IETE Mysuru	3rd June,2021	Mysuru
22	Webinar on Soft Skills Training Program for Faculty	SJCIT	20 th May2021	Chickballapur
23	Webinar on IndianNavigation System	Brindavan College of Engineering	6 th May 2021	Bangalore
24	Webinar on Arduinio and itsApplications	SJCIT	1 st May 2021	Chickballapur
25	Webinar on Triveni Sangamof Ganga	Brindavan College of Engineering	29 th April 2021	Bangalore
26	Webinar on orientation session for students andfaculties by innovation ambassador	SJCIT	12 th April2021	Chickballapur
27	Webinar on “How to PlanStartups and Legal and Ethical Steps”	SJCIT	20 th March2021	Chickballapur
28	Webinar on “Innovation and Entrepreneurship in India: An overview”	SJCIT	10 th Dec2020	Chickballapur
29	Webinar on orientation session for students andfaculties by innovation ambassador	SJCIT	9 th Dec 2020	Chickballapur
30	Webinar on “Orientation onNational Innovation and Startup Policy”	SJCIT	18 th Nov2020	Chickballapur
31	Webinar on EntrepreneurshipOpportunities	SJCIT	29 th July2020	Chickballapur
32	Webinar on design for Testability flow using mentor	Cambridge Institute of Technology	18 th July2020	Bangalore
33	Webinar on Embeddedsystem and IOT	City Engineering College	13 th July2020	Bangalore
34	FDP on Contemporaryresearch in E&C	VTU	6 th -10 th July2020	Kalaburgi

35	2-Days national webinar on Research Trends in image processing & pattern recognition	Brindavan College of Engineering	29 th -30 th June 2020	Bangalore
36	Webinar on Computer vision	SJCIT	23 rd May 2020	Chickballapur
37	Webinar on Advanced algorithms of video processing using Texture	SJCIT	16 th May 2020	Chickballapur
38	Webinar on Satellite and automation	GSSS	11 th -13 th May 2020	Bangalore
39	1-Day workshop on 4G&5G technologies	SJCIT	24 th April 2019	Chickballapur
40	3-Day workshop on Research Methodology and data analysis using statistical tools	KSTA	02 nd -04 th Jan 2019	Bangalore
41	2-Day workshop on Microwave and antenna laboratory	BIT	29 th -30 th Jan 2018	Bangalore
42	3-Day workshop on MATLAB-DSP Applications	SJCIT	31 st Aug To Sept 2017	Chickballapur
43	Workshop on Engineering Pedagogy	SJCIT	15 th & 16 th Dec 2016	Chickballapur
44	Workshop on Nano science and Nano Technology	SJCIT	27 th August 2016	Chickballapur
45	Workshop on Agile Technologies	SJCIT	23 rd July 2016	Chickballapur
46	NPTEL Workshop	SJCIT	18 th March 2016	Chickballapur
47	Faculty development program on "teaching skills in engineering educational institutions"	SJCIT	21 st Jan 2015	Chickballapur
48	Principles of pedagogy for effective instructions dissemination	SJCIT	19 th July 2014	Chickballapur
49	Workshop on Lab View	SJCIT	24 th -25 th July 2013	Chickballapur
50	3-day National Level Workshop on Advanced DSP and applications	SJCIT	17 th -19 th Aug 2011	Chickballapur
51	3-Day national Level Workshop on ARM 9/11 Architecture and its applications	SJCIT	27 th -29 th Jan 2011	Chickballapur
52	3-day National Faculty Development program on Electromagnetic and applications	SJCIT	23 th -25 th June 2010	Chickballapur
53	2-day National Workshop on image processing and Applications	SJCIT	08 th -09 th Oct 2009	Chickballapur
54	National Seminar on Advanced applications in Engineering physics and Technology	SJCIT	26 th Aug 2009	Chickballapur

No. of Papers Presented				
Sl.no	Title of the Paper	Journal/conference	Year	
1	Enhancing Data Packet Transmission Capacity in Modified Heterogeneous Cellular Networks with Femto cells	ICKECS	2025	IC
2	Poultry Disease Detection Method using Deep Learning Technology For Different Breeds	ICKECS	2025	IC
3	An AI-Based Guiding System That Recommends the Optimal Crop Based On the Environment and Soil Type	ICKECS	2025	IC
4	Real-Time Home Threat Detection Using IoT and ML Techniques	ISJEM	2025	IJ
5	Robotics in the Field of Agriculture, Medicine and Aerospace	IJSREM	2025	IJ

6	3-D Holographic Projections	IJSREM	2024	IJ
7	SATELLITE-BASED INTERNET ACCESS	IRJMETS	2024	IJ
8	The Smart Medical Mirror System	IJRPR	2024	IJ
9	Enhancing Health Access through Telehealth Technology	IJRPR	2024	IJ
10	Tongue Drive Wheel Chair	IJRPR	2024	IJ
11	Genetic algorithm based area optimization with cluster head in wireless heterogeneous networks	ECB	2023	IJ
12	Configuration of the wireless sensor nodes based on swarm optimization and genetic algorithm in a heterogeneous node environment using ns2	JCST	2023	IJ
13	Blue eyes human operator monitoring system	IJRPR	2022	IJ
14	IOT base roof top farming for urban agriculture	IJRPR	2022	IJ
15	Heterogeneous Wireless Ad-hoc Networks to Enhance Coverage Area Using Femtocells	IJNIET	2021	IJ
16	“Capacity and Coverage for improvement of Homogeneous Cellular Network using Femto Cells”	ICRTDIC	2020	IC
17	Enhancement of Channel Coverage and Capacity of Heterogeneous Wireless Ad- Hoc Network Using RTP-RTCP Protocols	IOSR-JECE	2020	NC
18	Design of Enhanced RTP-RTCP Protocols for Heterogeneous Wireless Ad-hoc Networks to Enhance Channel Coverage and Capacity	IJATCSE	2020	IJ
19	Efficient and automatic area Network adjustment of capacity and coverage for improvement of homogeneous cellular networks	IJITEE	2019	IJ
20	Survey paper on heterogeneous wireless Ad-hoc networks for enhancement of coverage area in cellular networks	Computer Networks and Information Technology	2018	IC
21	An Overview of D2D Communication in Cellular Network	MANTHANA	2018	NC
22	IOT based human knee joint movement using wearable computing	MANTHANA	2017	NC
23	Wireless Home Automation using IOT	MANTHANA	2016	NC
24	Voice Controlled Wireless Smart Home System Based on Zig Bee	MANTHANA	2016	NC
25	Home care and Patient monitoring using Telemedicine System	KSHITJA	2015	NC
26	Mobile System location privacy	KSHITJA	2014	NC
27	Orthogonal Frequency Division Multiplexing	KSHITJA	2011	NC



Date: 18.11.2025

Signature of the Candidate