||Jai Sri Gurudev ||

S J C Institute of Technology, Chickballapur – 562 101 RESUME

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| **Name** |  Dr. MOHAN BABU C |
| **Date of Birth** | 14-06-1984 |
| **Address** | ***Contact Address:*** Dr**.**Mohanbabu C , Assistant professorDepartment of ECE SJCIT,Chickballapur-562101***Residential Address:*** S/o ChikkappaiahDoor No.56, 2nd ward Valmikinagar, Bagepalli-561207 Chickballapur(D) ***Contact No:*** 9036939207***E-mail***: mohanbabu015@gmail.com  **Mobile:** 9036939207 |
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| **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 |
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| **Experience** | **Nature of Experience** | **No. of Years** |
| Teaching | 17 |
| Industry/Research |  00 |
| Total No. of years of Experience | 17 |
|  **Experience Details** | **Designation** | **Institution/ Organization** | **Duration** |
| Assistant Professor |  SJC Institute of Technology, Chickballapur |  2008-Till Date |
| Lecturer |  Ghousia College of Engineering, Ramanagaram |  2005-2006 |
| **Other Professional Experience** |  NIL  |
| **Areas of Research Interest & Guidance** |  Wireless Communication |

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| **National/ International Work Shops/ Seminars / Conferences Attended** |
| **Sl. No** | **Name of the Event**  | **Organizer** | **Date** | **Venue** |
| 1 | Attended a webinar on “Introduction to Versal” | Sandeepani School of Embedded System Design, | 7th June 2024 | Bangalore |
| 2 | Online Short Term Training Program on “Next Generation AI” organized by National Institute of Technology, Nagaland | National Institute of Technology | 18th-22ndMarch 2024 | Nagaland |
| 3 | FDP on “Cloud Infrastructure | SJCIT | 21st to 25thAugust 2023 | Chickballapur |
| 4 | FDP on Internet of Things | SJCIT | May 18th to 24th 2023 | Chickballapur |
| 5 | 6-days FDP organized on Professional Skill Development in 3D Printing & 3D Scanning Technologies**,** | SJCIT | 17th-22ndJanuary 2023 | Chickballapur |
| 6 | 5-days Faculty Development Program on “Next GenerationWireless Networks for Autonomous Intelligent Communications” | SVCE,Bengaluru | 26th Dec2022 to30th Dec2022 | Bengaluru |
| 7 | FDP on “Fundamentals and Applications of Basic Signal Processing” | SJCIT | 18th to 22nd October 2022 | Chickballapur |
| 8 | Webinar on Impact Lecture Series-1 | SJCIT | 1st Oct 2021 | Chickballapur |
| 9 | Webinar on Fundamentals and applications of Digital image processing | SJCIT | 27th Sep to 29th Sep 2021  | Chickballapur |
| 10 | Webinar on “Achieving energy efficiency in high data rate transmission techniques for 5G systems” | IETEMysuru | 3rd June, 2021 | Mysuru |
| 11 | Webinar on Soft Skills Training Program for Faculty | SJCIT | 20th May 2021 | Chickballapur |
| 12 | Webinar on Indian Navigation System | Brindavan College of Engineering | 6th May 2021 | Bangalore |
| 13 | Webinar on Ardunio and its Applications | SJCIT | 1st May 2021 | Chickballapur |
| 14 | Webinar on Triveni Sangam of Ganga | Brindavan College of Engineering | 29thApril 2021 | Bangalore |
| 15 | Webinar on orientation session for students and faculties by innovation ambassador | SJCIT | 12th April2021 | Chickballapur |
| 16 | Webinar on “How to Plan Startups and Legal andEthical Steps” | SJCIT | 20th March 2021 | Chickballapur |
| 17 | Webinar on “Innovation and Entrepreneurship in India: Anoverview” | SJCIT | 10th Dec 2020 | Chickballapur |
| 18 | Webinar on orientation session for students and faculties by innovation ambassador | SJCIT | 9th Dec 2020 | Chickballapur |
| 19 | Webinar on “Orientation on National Innovation andStartup Policy” | SJCIT | 18th Nov 2020 | Chickballapur |
| 20 | Webinar on Entrepreneurship Opportunities | SJCIT | 29th July 2020 | Chickballapur |
| 21 | Webinar on design for Testability flow using mentor | Cambridge Institute ofTechnology | 18th July 2020 | Bangalore |
| 22 | Webinar on Embedded system and IOT | City Engineering College | 13th July2020 | Bangalore |
| 23 | FDP on Contemporary research in E&C | VTU | 6th-10th July 2020 | Kalaburgi |
| 24 | 2-Days national webinar on Research Trends in image processing &pattern recognition | Brindavan College of Engineering | 29th -30th June 2020 | Bangalore |
| 25 | Webinar on Computer vision | SJCIT | 23rd May 2020 | Chickballapur |
| 26 | Webinar on Advanced algorithms of videoprocessing using Texture | SJCIT | 16th May 2020 | Chickballapur |
| 27 | Webinar on Satellite and automation | GSSS | 11th -13th May 2020 | Bangalore |
| 28 | 1-Day workshop on 4G&5G technologies | SJCIT | 24th April 2019 | Chickballapur |
| 29 | 3-Day workshop on Research Methodology and data analysis using statistical tools | KSTA | 02nd -04th Jan 2019 | Bangalore |
| 30 | 2-Day workshop on Microwave and antennas laboratory | BIT | 29th -30th Jan 2018 | Bangalore |
| 31 | 3-Day workshop on MATLAB-DSP Applications | SJCIT | 31st Aug To Sept 2017 | Chickballapur |
| 32 | Workshop on Engineering Pedagogy | SJCIT | 15th &16th Dec 2016 | Chickballapur |
| 33 | Workshop on Nano science and Nano Technology | SJCIT | 27th August 2016 | Chickballapur |
| 34 | Workshop on Agile Technologies | SJCIT | 23rd July 2016 | Chickballapur |
| 35 | NPTEL Workshop | SJCIT | 18th March 2016 | Chickballapur |
| 36 | Faculty development program on “teaching skills in engineering educational institutions | SJCIT | 21st Jan 2015 | Chickballapur |
| 37 | Principles of pedagogy foreffective instructions dissemination | SJCIT | 19th July 2014 | Chickballapur |
| 38 | Workshop on Lab View | SJCIT | 24th -25th July 2013 | Chickballapur |
| 39 | 3-day National LevelWorkshop on Advanced DSP and applications | SJCIT | 17th -19th Aug 2011 | Chickballapur |
| 40 | 3-Day national Level Workshop on ARM 9/11 Architecture and its applications | SJCIT | 27th -29th Jan 2011 | Chickballapur |
| 41 | 3-day National Faculty Development program onElectromagnetic and applications | SJCIT | 23th-25th June 2010 | Chickballapur |
| 42 | 2-day National Workshop on image processing and Applications | SJCIT | 08th -09th Oct 2009 | Chickballapur |
| 43 | National Seminar on Advanced applications in Engineering physics and Technology | SJCIT | 26th Aug 2009 | Chickballapur |
| 44 | Infosys Campus connect Soft Skill Training Workshop | SJCIT | 17th Dec 2007 | Chickballapur |

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| **No. of Papers Presented** |
| **Sl. no** | **Title of the Paper** | **Journal/conference** | **Year** |  |
| **1** | 3-D Holographic Projections |  IJSREM | 2024 | IJ |
| **2** | SATELLITE-BASED INTERNET ACCESS | IRJMETS | 2024 | IJ |
| **3** | The Smart Medical Mirror System | IJRPR | 2024 | IJ |
| **4** | Enhancing Health Access through Telehealth Technology | IJRPR | 2024 | IJ |
| **5** | Tongue Drive Wheel Chair | IJRPR | 2024 | IJ |
| 6 | Genetic algorithm based area optimization with cluster head in wireless heterogeneous networks |  ECB | 2023 | IJ |
| 7 | Configuration of the wireless sensor nodes based on swarmoptimization and genetic algorithm in a heterogeneous nodeenvironment using ns2 | JCST | 2023 | IJ |
| 8 | Heterogeneous Wireless Ad-hoc Networks to Enhance Coverage Area Using Femtocells | IJNIET | 2021 | IJ |
| 9 | “Capacity and Coverage for improvement of Homogeneous Cellular Network using Femto Cells” | ICRTDIC-2020 | 2020 | IC |
| 10 | Enhancement of Channel Coverage and Capacity of Heterogeneous Wireless Ad- Hoc Network Using RTP-RTCP Protocols | IOSR-JECE | 2020 | NC |
| 11 | Design of Enhanced RTP-RTCP Protocols for Heterogeneous Wireless Ad-hoc Networks to Enhance Channel Coverage and Capacity | IJATCSE | 2020 | IJ |
| 12 | Efficient and automatic area Network adjustment of capacity and coverage for improvement of homogeneous cellular networks | IJITEE | 2019 | IJ |
| 13 | Survey paper on heterogeneous wireless Ad-hoc networks for enhancement of coverage area incellular networks | Computer Networks and Information Technology | 2018 | IC |
| 14 | An Overview of D2D Communication in Cellular Network | MANTHANA-2018 | 2018 | NC |
| 15 | IOT based human knee joint movement using wearable computing | MANTHANA-2017 | 2017 | NC |
| 16 | Wireless Home Automation using IOT | MANTHANA-2016 | 2016 | NC |
| 17 | Voice Controlled Wireless Smart Home System Based onZig Bee | MANTHANA-2016 | 2016 | NC |
| 18 | Home care and Patient monitoring using Telemedicine System | KSHITIJA-2015 | 2015 | NC |
| 19 | Mobile System location privacy | KSHITIJA-2014 | 2014 | NC |
| 20 | Orthogonal Frequency Division Multiplexing | KSHITIJA-2011 | 2011 | NC |
| 21 | Nano Technology | Technical Paper | 2006 | NC |

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**Date: 15.10.2024 Signature of the Candidate**