



AJAY N
Assistant Professor
Department of Computer Science & Engineering
SJCIT, Chickballapur-562101
Email: n.ajay2@gmail.com

Objective

To reach successful heights in teaching field by contributing my efforts to the growth of organization.

Educational profile

Qualification	Board/ University	Institute and place	Year of Passing	Class
Ph. D.	VTU	RNSIT, Bangalore	Open Seminar-I Completed	
M. Tech.	VTU	PESIT, Bangalore	2010	FC
B.E.	VTU	SJCIT, Chickballapur	2008	FC

Professional Society Memberships

SN	Professional Society	Year of Joining	Registration Number
2	CSI	2016	I1504541
1	MIE	2015	AM1622342

Academic Experience

SN	Institution	Position	Duration
2	SJC Institute of Technology, Chickballapur	Assistant Professor	01/11/2011 to Till Date
1	SJC Institute of Technology, Chickballapur	Lecturer	07/08/2010 to 31/10/2011

Researcher IDs

SN	Researchers Site	Researcher IDs
4	Vidwan ID	368142
3	Research Gate	https://www.researchgate.net/profile/Ajay_N
2	ORCID	https://orcid.org/0000-0001-6373-419X
1	Google Scholar	http://scholar.google.co.in/citations?user=Wh5NMQAAAAJ

Question Paper Setting

SN	University/College	Subject	Year
10	NCET	Statistics of Machine Learning	2025
9	NCET	Design and Analysis of Algorithm	2025
8	NCET	Foundation of data Science using SQL	2024
7	NMIT	Data Structure & Applications	2024
6	MVJCE	Artificial Intelligence for Robotics	2023
5	NMIT	Cloud Computing and Distributed Systems	2023
4	NMIT	Introduction to Artificial Intelligent	2023
3	NHCE	Compiler Design	2023
2	NCET	Enterprise Resource Planning	2022
1	NCET	Principles of Programming Language	2020

Students/Scholars Guided

SN	Student Type	Guiding/Guided		Thesis Evaluated		Lab Examiner		Theory Evaluation	
		IN	EX	IN	EX	IN	EX	IN	EX
2	UG	35	-	10	09	15	15	10	09
1	PG	04	-	04	-	-	-	01	-

Funded Projects Proposal

SN	Funding Agency	Proposal Submitted/Sanctioned	Year
11	MSME	Submitted	2025
10	ATAL FDP	Sanctioned (1,00,000/-)	2025
9	ATAL VAANI	Submitted	2025
8	Mcafee FAER	Submitted	2024
7	ATAL FDP	Sanctioned (1,00,000/-)	2024
6	KSCST	Submitted	2024
5	KSCST	Submitted	2023
4	KSCST	Submitted	2022
3	KSCST	Submitted	2021
2	NAIN - KITS	Sanctioned (4,45,000/-)	2021
1	VGST	Submitted	2016

Achievements

Publications	Conferences	Appreciation	Workshop	FDP	Awards	Funded Project	Patent	Resource Person	Sports
18	24	17	11	23	05	04	01	04	01

Responsibilities in Department Level

- [1] NBA Criteria 5 Co-ordinator
- [2] Project Co-ordinator
- [3] Jnana Vijnana Tantrajana Mela Co-ordinator
- [4] Local Inspection Committee Co-ordinator
- [5] Time Table Co-ordinator

- [6] HR Co-ordinator
- [7] IIC Co-ordinator
- [8] Rank Monitoring Committee Co-ordinator
- [9] NACC Criteria 3 Co-ordinator
- [10] PAC Member
- [11] DAB Member
- [12] Internship Co-ordinator
- [13] NBA Co-ordinator
- [14] BoS Convener

Responsibilities in College Level

- [3] SPOC for DPBH 2023
- [2] SPOC for SIH 2022, 2023, 2024, 2025
- [1] Admission Co-ordinator

Subjects Handled

- [1] System Software
- [2] Artificial Intelligence
- [3] Research Methodology
- [4] Data Structure and Application
- [5] Discrete Mathematical Structures
- [6] Graph Theory and Combinatorics
- [7] Compiler Design
- [8] Operation Research
- [9] Object Oriented Modelling and Design
- [10] System Modelling and Simulation
- [11] System Software and Operating System Laboratory
- [12] Web Technology Laboratory with Mini Project
- [13] Data Structures Laboratory
- [14] Computer Network Laboratory
- [15] Data Base Management System Laboratory
- [16] Computer Graphics Laboratory with Mini Project
- [17] Cryptography
- [18] Cloud Computing and its Applications
- [19] Data Visualization with Python Laboratory
- [20] Advanced JAVA
- [21] Data Science and Visualization
- [22] Advanced Artificial Intelligence

Publications

- [18] “Exploring Threat Vectors and Countermeasures in Cloud Security” in JISEM, Volume 10, Issue 5, 2025(Q3 Journal).
- [17] “A Synergistic Hybrid SA-PSO-Double Q-Learning Algorithm for Dynamic Cloud Load Balancing” in IJIES, Volume 18, Issue 3, 2025(Q2 Journal).

- [16] “Development of Fragmentation to Create a Big Data Security Framework using Blockchain Innovation” in IJISAE, Volume 12 Issue 1, 2024 (Q3 Journal)
- [15] “Ensuring Security and Energy Efficiency of WSN” in GIJET, Volume 9 Issue 2, 2023.
- [14] “Novel Flood Prediction System based on Big Data and Machine Learning” in GIJET, Volume 9 Issue 2, 2023.
- [13] “A Compendious Study on Blockchain Technology in Healthcare Systems” in GIJET, Volume 9 Issue 2, 2023.
- [12] “Machine learning based approach to detect phishing attacks” in IJRAR, Volume 9, Issue 3, 2022
- [11] “Novel Approached Flood Forecasting System Using Machine Learning and Big Data” in IJIRCCE, Volume 10, Issue 6, 2022.
- [10] “Access Control Framework in the Cloud based on Multi-Blockchain with Light Privacy Protection” in IEEE, 2022.
- [9] “Automating the detection of landslides using dual mode techniques” in IJCESR, Volume 8, Issue 7, 2021
- [8] “Secure door automation system using IoT “ in EJMCM, Volume 7, Issue 8, 2020
- [7] “P3 search for intellectual processing of encrypted data in cloud” in EJMCM, Volume 7, Issue 8, 2020
- [6] “Intelligent Vehicle Accident Detection and Ambulance Rescue System” in IJARIT, Volume 5, Issue 3, May-June 2019.
- [5] “Supply of Agricultural Product by ensuring quality through block chain technology” in IJRTER Volume 4, Issue 6, June 2018.
- [4] “Home automation system Using Hand Gestures & Speech Recognition mechanism” in IJRSET, Volume 6, Issue 5, May 2017.
- [3] “City Bigdata 3D visualization & analysis based on webvrgis platform” in IJSRE, Volume 4, Issue 4, April 2016
- [2] “Context based Dynamic Verbal Management System” in IJERA, Volume 3, Issue 4, August 2013.
- [1] “Adaptable Verbal ability testing tool” in IJERT, Volume 2 Issue 6, June 2013.

Conferences

- [24] “Enhanced Access Management and Automatic Revocation for Outsourced EHR in Cloud Environment” in ICSICST 2025.
- [23] “AgriChainSync: A Scalable and Secure Blockchain-Enabled Framework for IOT-Driven Precision Agriculture” in ICKECS 2025.
- [22] “Secure Data Education: Leveraging Big Data for Enhanced Academic Performance and Student Success in Educational Institutions” in International Conference on ICT for Sustainable Development 2024.

- [21] “Novel Flood Prediction System Based on BigData & ML” in Grenze International Journal of Engineering & Technology 2024.
- [20] “A Compendious Study on Blockchain Technology in Healthcare System” in Grenze International Journal of Engineering & Technology 2024.
- [19] “Ensuring Security and Energy Efficiency of WSN” in Grenze International Journal of Engineering & Technology 2024.
- [18] “A Comprehensive Study on Security Concerns of Cloud Computing and Enhancing Security Using Kerberos Protocol” in GSRD ICMBCD 2023.
- [17] “Novel Flood Prediction System based on Big Data and Machine Learning” in Hinweis Research CCIT 2023.
- [16] “Access Control Framework in the Cloud based on Multi-Blockchain with Light Privacy Protection” in IEEE, 2022.
- [15] “Secure door automation system using IoT “in SJCIT, 2020
- [14] “P3 search for intellectual processing of encrypted data in cloud” in SJCIT, 2020
- [13] “Water Management System For Agriculture” In Oxford College Of Engineering, 2019, Bangalore
- [12] “Blue Brain Technology: A Subway To Artificial Intelligence” in CBIT, 2019, Kolar.
- [11] “Medical Data Sharing for Privacy Protection & Intrusion Avoidance in Cloudlet” in Manthana 2018, SJCIT.
- [10] “Tracking Human Body Movements through Wall” in Manthana 2018, SJCIT.
- [9] “Ambient Assisted Living Based Shopping System for Blind” in Manthana 2018, SJCIT
- [8] “Implementation of Security Preserving location Based query over an encrypted data” in Manthana 2017 SJCIT.
- [7] “Integrated IOT for e-Health solution using RFID” in Manthana 2016, SJCIT.
- [6] “Enhancing the life time of WSN through energy conservation algorithm” in Manthana 2016, SJCIT.
- [5] “Community Home Based multi-copy routing in mobile social Networks” in 2 days NCETCS on 8th and 9th May 2015 at SVCE, Bangalore.
- [4] “An Advanced 5G Mobile technology in upcoming year” in 1 day NCETCS on 25th April 2014 at SIR MVIT, Bangalore.
- [3] “Implementation of Face Recognition in Cloud Vision Using Eigen Faces” in RTCCIT on 29th April 2013 at MSEC
- [2] “Context Based Dynamic Verbal Management Systems” in RTCCIT on 29th April 2013 at MSEC.
- [1] “Adaptable verbal Ability Testing Tool” in NCETT on 26th and 27th April 2012 at NCET, Bangalore.

Faculty Development Programs

- [23] “Mentoring Faculty Entrepreneurs for Sustainable Innovation and Startup Culture” organized by Dept. of ISE, NCET on 14th to 19th Jul 2025.
- [22] “Research Methodology” organized by NPTEL from Jan – Mar 2025.
- [21] “Cloud Architect” organized by Excelr from 18th Nov to 22nd Nov 2024.
- [20] “Machine Learning and Artificial Intelligence” organized by Excelr on 12th Aug to 19th Aug 2024.
- [19] “AI Tools For Teaching” organized by Reva University from 22nd June 2024.
- [18] “Exploring Emerging Technologies in Next-Gen Communication Net” organized by Dept. of ISE, RLJIT on 25th to 30th Dec 2024.
- [17] “Generative AI and the future of work” organized by Reva University from 22nd to 26th July 2024.
- [16] “Quantum Computing for Information Processing” organized by IEEE Information Theory Society Bangalore chapter on 27th Feb 2024.
- [15] “Emerging Technology” organized by Dept. of CSE(AI&ML), VCE in association with TCS from 11th Dec 2023 to 15th Dec 2023.
- [14] “Building Dynamic Web Applications with Angular J S” organized by Dept. of CSE, SJCIT on 23rd to 25th Nov 2023.
- [13] “Data Visualization using Python” organized by Dept. of CSE in association with IEEE Bengaluru section, SJBIT from 18th Oct 2023 to 20th Oct 2023.
- [12] “Generative AI and Cyber Security” organized by Reva University from 24th to 28th July 2023.
- [11] “ATAL Idea Lab Basic FDP-3” organized by VTU, Muddenahalli from 27th Sept 2022 to 01st Oct 2022.
- [10] “Cyber Security and Blockchain Technology” organized by Dept. of ISE, AIT, Bangalore from 27th July 2022 to 29th July 2022.
- [9] “Mobile Application Development” organized by Dept. of CSE and ISE, SJCIT, Chickballapur, from 18th -20th March 2021
- [8] “Data Analytics- A practical Approach” organized by Dept. ISE, BMSIT&M, Bangalore from 27th jan to 31st jan 2020
- [7] “NBA Accreditation process” organized by Mechanical engineering department in association with Contineo from 29th Feb to 4th March 2016 at SJBIT.
- [6] “Foundation Program 4.0” by Infosys limited at Infosys limited Bangalore on 15th to 19th December 2014
- [5] “Distributed Computing & Virtualization” by dept. of CSE, AIT from 10th to 13th July 2013.

- [4] “Software Testing” by TCS on 27th march 2013 at SJCIT.
- [3] “Fundamentals of effective teaching” organized by HR Dept. on 18th and 25th February 2012 at SJCIT.
- [2] “Recent developments in IT” by AIT Bangalore on 23rd to 25th June 2011.
- [1] “The journey to private cloud with EMC” organized by EMC Academic Alliance program on 26th march 2011 at SJCIT.

Workshops

- [11] “FEEL Teacher–Communication” organized by SJCIT from 21st to 24th Feb 2024.
- [10] “FEEL Teacher–Communication” organized by SJCIT from 25th May to 27th May 2023.
- [9] “IoT” workshop organized by department of CSE, SJCIT from 13th to 17th February 2019.
- [8] “System Software and Compiler Design / operating Systems Laboratory” organized by the Department of CSE, GAT Bangalore, from 17th to 19th January 2018.
- [7] “Agile Technologies” organized by dept. of CSE in association with TCS on 23rd July 2016 at SJCIT.
- [6] “Engineering pedagogy” organized by the dept. of ECE on 15th & 16th Dec 2016 at SJCIT.
- [5] “Principles of pedagogy for effective instructions dissemination” by dept. of CSE/ISE SJCIT on 19th July 2014
- [4] “Software Defined Data Centre” by dept of CSE, SJCIT on 9th & 10th Jan 2014.
- [3] “Mobile Application development using Android” by Infosys limited, Bangalore at SJCIT from 3rd to 5th January 2013.
- [2] “Arm 9/11 architecture and its applications” by dept ECE/TC in association with Sitech electronics & IETE Bangalore centre on 27th to 29th Jan 2011.
- [1] “HR & Quality in Technical education” by pre-engineering dept, SJCIT on 21st Jan 2011.

Appreciation

- [17] Got Certificate of Reviewer Recognition for being reviewer for 11th IEEE CONECCT.
- [16] Got Certificate of Reviewer Recognition for being reviewer for 3rd IEEE NMITCON.
- [15] Got Certificate of Appreciation for evaluating projects at Project Exhibition held on 21st March 2025.
- [14] Got Certificate of Achievement for having achieved 100% results in the two subjects of VII Semester in University Exams on 5th Sept. 2024.

- [13] Got Certificate of Reviewer Recognition for being reviewer for 3rd IEEE ICKECS.
- [12] Successfully completed the course “Research Methodology” in the NPTEL online Certification during the month of Jan-Mar 2025.
- [11] Got Certificate of Appreciation for contribution towards the guidance for the Project for “National Level Project Competition -2024” organized by Dept. of CSE, BIT on 13th April 2024.
- [10] “Achieved a result of 100% in the subject Cryptography” in the university exam held during the month of Jan 2023
- [9] Got the Appreciation for guiding the project team in “Inter College Project Competition” through hybrid mode organized by Dept. of CSE, BIT on 13th May 2023.
- [8] Attended as Session chair in the project open house & National Conference on “Innovations in Engineering, Science & Technology” (NCIEST-2023) “Manthana-2023” organized by Dept. of CSE, SJCT on 24th May 2023.
- [7] Successfully completed the course “Compiler Design” in the NPTEL online Certification during the month of Jan-Apr 2022.
- [6] Successfully completed the course “Compiler Design” in the NPTEL online Certification during the month of Jan-Apr 2019.
- [5] “Achieved a result of 100% in the subject System Software” in the university exam held during the month of Jan 2016.
- [4] “Achieved a result of 100% in the subject Artificial Intelligent and Agent Technology” in the university exam held during the month of June 2015.
- [3] “Achieved a result of 100% in the subject System Software” in the university exam held during the month of Jan 2015.
- [2] “Achieved a result of 100% in the subject Compiler design” in the university exam held during the month of Aug 2014.
- [1] “Achieved a result of 100% in the subject System Software” in the university exam held during the month of Jan 2014.

Awards

- [5] Received the certificate of excellence in recognition of continued efforts for achieving excellence in teaching, research and other institutional/department development activities on 2023.

- [4] 1st prize in Project Open House Manthana Conference 2023, project entitled “SPEEDY LINE: Victim Information Retrieval Using ML and IoT.”
- [3] Received the certificate of excellence in recognition of continued efforts for achieving excellence in teaching, research and other institutional/department development activities on 2022.
- [2] Received the certificate of appreciation in recognition of continued efforts for fetching grants in research and developmental activities on 2022.
- [1] 3rd prize in National Conference on Science, Engineering and Management-2019, presented paper entitled “Water Management System for Agriculture”

Funded Projects

- [4] Grants Received on Jul 2025 rupees 1.00 Lakhs for the six days online ATAL FDP entitled “Next Decade of Innovation in India: Powered by Generative AI and Data Science.”
- [3] Grants Received on Nov 2024 rupees 1.00 Lakhs for the six days online ATAL FDP entitled “AI and Security: current trends and future research.”
- [2] Grants Received on Jan 2021 rupees 1.67 Lakhs for the project entitled “Book Market inside the Campus.”
- [1] Grants Received on Jan 2021 rupees 2.78 Lakhs for the project entitled “Notatia- the solution of the people.”

Patent

- [1] Published a Patent “IoT Enabled Smart Waste Management System” on 21.07.2023.

Resource Person

- [4] “Pre-requisites of Full Stack Development” organized by Dept. of CSE, SJCIT held on 6th May 2024.
- [3] “Data Visualization” organized by Dept. of CSE, SJCIT held on 13th Jul 2024.
- [2] One of the resource person in “Mastering Problem Solving and Competitive coding” organized by Dept. of CSE, SJCIT held from 31st Oct 2023 to 10th Nov 2023.
- [1] One of the resource person in “3 weeks Intra Institutional Internship” organized by SJCIT, 2022.

Sports

- [1] 2nd Place in Tug-of-war event in “Inter-Department Staff Sports Day” held at SJCIT, Chickballapur on 11th and 12th August 2022.

Expertise

Operating Systems	Ms-Dos, Windows, Linux
Languages	C, C++, PL/SQL, J2EE, Python
Database	Oracle 6, Oracle 9
GUI	VB 6, Anaconda Navigator
Tools	Lex and Yacc, NS2

Personal Profile

Father's Name : Narasaiah B
Date of Birth : 10/07/1986
Languages Known : Kannada, English, Telugu
Permanent Address : #2149, 14th ward, Kandavara,
Chickballapur(T&D)-562101

Date:

(Ajay N)

Place: