BIO DATA

Name: K.V. Chandra Sekhar

Employee ID: A5CSE00T75

Designation: Assistant Professor

Department: CSE (AI & ML)

Date of Birth: 27-02-1991

Father Name: Mangaraju

Mother Name: Sarvalaxmi

Reservation Category: OC

Address: AITAM, Tekkali.

Mobile Number: +91- 9533624164

Email id: kvcs@adityatekkali.edu.in

Date of Joining in the Institution: 09-12-2020

Academic Excellence:

Qualification	Board/ University	Division	Year
M. Tech (CSE)	JNTU Kakinada	First Class	2016
B. Tech (CSE)	JNTU Kakinada	Second Class	2013

Total Years of Experience (Teaching/Industry): 9.2 Years:

Period		Organization/ Institution/ Industry	Designation
December 2020	Till Date	AITAM, Tekkali	Assistant Professor
June 2019	July 2020	MyClassBoard Education Solution Pvt. Ltd, Madhapur, Hyderabad	UI Developer
December 2016	July 2019	AITAM, Tekkali	Assistant Professor

Areasof Interest

1. Web Development
2. Artificial Intelligence
3. Machine Learning
4. Coding / Programming

Memberships of Professional Societies and Other Organizations

1. Lifetime Member, Indian Society for Technical Education (ISTE)
   — Membership No.: LM 135555
2. Lifetime Member, International Association of Engineers (IAENG)
   — Membership No.: 378716

Other Responsibilities:

Web Administrator & Web Developer – Departmental and institutional web services
Virtual Labs Nodal Coordinator – Coordination and implementation of Virtual Labs initiatives
Department Placements Coordinator – Student placement activities
Department Examination Cell Coordinator – Internal and external examination coordination
Department IQAC In-Charge – Quality assurance and accreditation-related activities
Department NCC Coordinator – Coordination of NCC-related academic and student activities

Details of Publications:

1. "Reinforcement Learning-Based Treatment Recommendation Systems for Infrequent Metabolic Disorders" G. Naga Rama Devi, Balajee Maram, **Kattamuri Venkata Chandra Sekhar**, Ravula Rajashekhar, Alok Misra, Sathishkumar V E 2026 1st International Conference on Advancing Sustainable Solutions through Technologies (ICASST), IEEE. DOI: 10.1109/ICASST68917.2026.11484520

2. "Hybrid Mobile-Spinalnet with feature extraction for brain tumor detection using MRI images" P. Balashanmuga Vadivu, Telagarapu Prabhakar, Jyothi Mandala, **Kattamuri Venkata Chandra Sekhar**, Biomedical Signal Processing and Control, Volume 112, Part B, February 2026, Article 108571, Elsevier DOI: https://doi.org/10.1016/j.bspc.2025.108571

3. "Quantile Aware Causal Framework for Uncertainty Calibrated and Risk Robust Crop Yield Forecasting Under Climate Variability" P.Sirish Kumar, **Kattamuri Venkata Chandra Sekhar**, A. Himabindu, V. Chandrasekhar Satwik, K. Chiranjeevi, P. Yuvasri 2025 10th International Conference on Research in Intelligent Computing in Engineering (RICE), IEEE. DOI: 10.1109/RICE67503.2025.11439942

4. "Deep Learning-Based Diagnostic Framework for Early Detection of Jaundice Using Skin and Eye Image Analysis" Manisha Das, Bura Vijay Kumar, M. V. B. Chandrasekhar, Balajee Maram, **Kattamuri Venkata Chandra Sekhar**, C. H. Bhanu Tej 2025 IEEE International Conference on Advanced Computing Technologies (ICACT), IEEE. DOI: 10.1109/ICACT67549.2025.11351483.

5. "Deep Learning for Realistic Virtual Clothes Fitting" **K.V. Chandra Sekhar**, Bommali Dharma Rama Krishna, Kanuthuru Shashank, Komal Kumari, Maddi Sai Srinivas, Marpu Anil Kumar Vol-32 No. 9s 2025 ISSN: 1074-133X Communications on Applied Nonlinear Analysis.

6. "Advanced Re-Sampling Techniques for Multi-Class Imbalanced Classification" **K.V.Chandra Sekhar**, Balaka Ramjee, Landa Naresh, Pasala Mahesh, Kinthada Jayaramu Vol-32 No. 9s 2025 ISSN: 1074-133X Communications on Applied Nonlinear Analysis.
7. "The Energy Efficient Routing and High Security Transmission in Mobile Ad-hoc Networks" G.V. Eswara Rao and **K.V. Chandra Sekhar** Vol-9 Issue-2 Apr-June 2018 ISSN : 0976-8491 IJCST .
8. "Learning Analytics for Large Scale Web Information Using Twitter" Kattamuri Venkata Chandra Sekhar, D.T.V. Dharmajee Rao, IJRCCT, Vol 5, Issue -3, March- 2016.

Books Published:

a. Artificial Intelligence (First Edition)
   ISBN: 978-93-6786-545-3
   Publisher: Quill Tech Publications
   Authors: Dasaradha Arangi, Dr. M. V. B. Chandrasekhar, Dr. B. Kiran Kumar, **K. V. Chandra Sekhar**, Pradeep Kumar Mahapatro, Chodi Sai Kishore
   Publication Date: 31 January 2026

b. Operating Systems
   ISBN: 978-93-95250-51-1
   Publisher: Shree Publishing House
   Authors: Dr. M. V. B. Chandrasekhar, Pradeep Kumar Mahapatro, Dasarada Arangi, **K. V. Chandra Sekhar**
   Publication Date: 16 October 2024

Patents:

1. A System and A Method To Enable Spill-Proof, Controlled, And Safe Transfer Of Fuel Using A Multi-Stage Membrane Activation And Adaptive Sealing Mechanism For Two-Wheeler Refueling Application Number: 202641025468 A | Publication Date: Mar 13, 2026.
2. Handheld Device for Real-Time Student Mood Identification Using EEG Signal Analysis Application Number: 202541038849 A | Publication Date: May 16, 2025.

Details of Research IDs:

Vidwan-ID: 248382

Scopus-ID: 60057783700

ORCID: 0000-0002-2651-2085

Researcher- ID: ABH-2587-2021

Details of Conferences / Workshops / Faculty Development Programs (FDPs) Conducted:

Served as a Resource Person and delivered technical sessions to MBA students during a Student Development Program on "Fundamentals of Python in Business Analytics," organized by the Department of MBA from 24th to 28th July 2023.

Details of Conferences / Workshops / Faculty Development Programs (FDPs) Organized:

1. Co-Coordinator, Five-Day Online FDP (19–23 Jan 2026) on Generative AI and Large Language Models for Teaching, Research, and Industry, organized by AMIEE Association in collaboration with Dept. of CSM, AITAM, AP.
2. Co-Coordinator, Web Development Vision Workshop, AMIEE Student Chapter, Dept. of CSM, AITAM, 12 Dec 2025.
3. Faculty Co-ordinator CodeNeurons Quiz Event scheduled for Friday, 22nd August 2025 and organized by GeeksforGeeks Campus Body - PCCOE & Dept. of CSM, AITAM, AP.

Details of Conferences / Workshops / Faculty Development Programs (FDPs) Attended:

1. Participant, One-Week AICTE-Recognized FDP on Deep Learning for Engineering Applications, NITTTR Chandigarh, 09–13 Mar 2026. Certificate No.: ICT-9419/26
2. Participant, Five-Day Online FDP on **Generative AI and Large Language Models**, AMIEE Association & Dept. of CSM, AITAM, 19–23 Jan 2026. Certificate No.: AMIEE/FDP/AITAM/1797
3. Participant, 6-Day National Level Virtual Faculty Development Programme on "Reimagining the Future: Cutting-Edge Innovations in Artificial Intelligence and Machine Learning", Dept. of IT, Lords Institute of Engineering and Technology, Hyderabad & Pantech Solutions India Pvt. Ltd., 15–20 Dec 2025. Certificate No.: CEIAIML122025002.
4. Participant, One-Week AICTE-Recognized FDP on Tools for Research in Cloud, Fog, and Edge Computing, NITTTR Chandigarh, 21–25 Oct 2024. Certificate No.: ICT-17197
5. Participant, One-Week AICTE-Recognized FDP on Machine Learning Using Python, NITTTR Chandigarh, 19–23 Feb 2024. Certificate No.: ICT-27615
6. Participant, One-Week AICTE-Recognized FDP on Big Data Analytics in Smart Grid, NITTTR Chandigarh,
7. 12–16 Feb 2024. Certificate No.: ICT-21693
8. Participant, AICTE FDP on Universal Human Values in Technical Education, 6–10 November 2023. F.No: AICTE/FDP-SI/OnlineWorkshop/201/204163
9. Participant, One-Week AICTE-Recognized FDP on NAAC and Internal Quality Assurance, NITTTR Chandigarh, 11–15 Sept 2023. Certificate No.: ICT-12370
10. Participant, FDP on Cloud Infrastructure (AWS), AITAM & Brainovision, 21–25 August 2023.
11. Participant, FDP on Protection from Cyber Attacks, NITTTR Chandigarh, 7–11 August 2023. Certificate No.: ICT-7693
12. Participant, FDP on MATLAB – AI and Optimisation Techniques, NITTTR Chandigarh, 21–25 November 2022. Certificate No.: ICT-18688

Certifications and Online Courses:

1. Microsoft Certified: Azure Fundamentals | Issued: June 2022 | Certificate No: I334-6547
2. Microsoft Certified: Security, Compliance, and Identity Fundamentals | Issued: July 2022 | Certificate No: I357-8376
3. NPTEL Online Certification – Outcome-Based Pedagogic Principles for Effective

Teaching | Completed with Certification | Offered by NPTEL (IIT)

4. Faculty Development Program Certification – Outcome-Based Pedagogic Principles for Effective Teaching Participated and Certified through NPTEL FDP Program.
5. Microsoft Certified: Azure Administrator Issued: March 2023 | Certificate No: I677-7521
6. NPTEL Online Course Certification – Problem Solving through Programming in C Successfully Completed | NPTEL
7. Salesforce Certified Agentforce Specialist Issued by Salesforce | Credential ID: 6180924 | Date Issued: May 16th, 2025.
8. MongoDB Certified Associate Developer Issued by MongoDB | License ID: MDB116x2toz6i | Issue Date: June 2nd,2025.

Other Achievements:

1. Recognized as the leading mentor during the NPTEL Online Certification Course on Problem Solving through Programming in C, from July to October 2018.

K. V. CHANDRA SEKHAR
01.08.2026