



Soujanya Bhukya

Lecturer in Computer Science & AI/ML Researcher

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About

A Computer Science educator and researcher with nine-plus years in undergraduate higher education, building academic depth in artificial intelligence, machine learning, and data analytics alongside a sustained record of research, publishing, and faculty training leadership.

Dedicated and enthusiastic Computer Science educator with more than 08 years of teaching experience in higher education. APSET qualified with an M.Tech in Computer Science & Engineering, and currently pursuing a part-time PhD at Acharya Nagarjuna University, Guntur. Experienced across Artificial Intelligence, Machine Learning, Data Analytics, Educational Technology, Academic Research, Outcome-Based Education, and Digital Learning Platforms — and an active contributor to research publications, book chapters, faculty development programs, and academic training initiatives.

09+

Years teaching experience

3

Research publications

2

Books / chapters, incl. Chief Editor

25+

FDPs, workshops & trainings

Skills & Expertise

where research meets the classroom

Core specialisations

Artificial Intelligence • Machine Learning • Big Data Analytics • Cloud Computing • Cyber Security • Learning Analytics • Smart Campus Technologies • Educational Technology

Data & databases

MySQL • DBMS • Excel • Pandas

Programming & web

C • C++ • Java • Python • PHP • HTML • CSS

Platforms & academic practice

Learning Management Systems • Outcome-Based Education • Digital Content Development • Academic Research Writing

Teaching Experience

09+ years in undergraduate CS education

July 2026 – Present

Lecturer in Computer Science

Government Degree College, Chintalapudi, Eluru District, Andhra Pradesh

August 2021 – July 2026

Lecturer in Computer Science

S.V.R Government Degree College, Nidadavole, East Godavari District, Andhra Pradesh

August 2007 – February 2009

Assistant Professor

Sri Rama Institute of Technology and Science, Kuppenakuntla

August 2005 – August 2007

Assistant Professor (Contract)

Government Degree College, Tiruvuru

Education & Eligibility

Qualification	Institution / University	Year	Score
M.Tech (CSE)	JNTU Kakinada	2014	73.5%
B.Tech (CSE)	JNTU Kakinada	2005	56.9%
Intermediate	Board of Intermediate Education, AP	2001	83.3%
SSC	Board of Secondary Education, AP	1998	65.3%

Currently pursuing a part-time PhD at Acharya Nagarjuna University, Guntur, Andhra Pradesh, in Artificial Intelligence, Machine Learning, Data Analytics, Cloud Computing and Cyber Security.

Eligibility: APSET (Computer Science & Applications) — Qualified, 2017 (Subject Code 13).

Research Publications

[full list on Google Scholar](#)

01 Analysis on Applications in the Smart Campus: A Survey on Future Teaching and Learning in Higher Education Institutions

International Journal of Creative Research Thoughts (IJCRT) · Vol. 10, Issue 1, January 2022 · ISSN 2320-2882 · pp. b90–b98

First Author

02 Review and Analysis on Identify Malicious Activity on a Security Data Breaches Based on a Computers

International Journal of Creative Research Thoughts (IJCRT) · Vol. 11, Issue 8, August 2023 · ISSN 2320-2882 · pp. d225–d236

Co-Author

03 The Transformational Impact of Machine Learning on Modern HR, Finance & Marketing Functions

International Journal for Research in Applied Science & Engineering Technology (IJRASET) · Vol. 14, Issue III, 2026

Co-Author

Books & Book Chapters

01 Foundations of Data and Machine Learning

Chapter 2 in *Artificial Intelligence in Business and Social Sciences: Concepts and Applications*

Amaravathi Publications · 12 May 2026 · ISBN 979-8196696770

amazon.in/dp/B0H1K24HDT

Author

02 Applied Machine Learning for Business Management: Concepts and Applications

Amaravathi Publishing House · 11 September 2026, 1st Edition

ISBN-13 9798173383655 · DOI 10.5281/zenodo.22705509

amazon.in/dp/B0HJGWMM4W

Chief Editor

Conference Presentations

01 Connection Based Scheduling for Supporting Real-Time Traffic in Wireless Mesh Networks

National Conference — SVISTA-2K12, 2012 · Sree Vahini Institute of Science & Technology, Tiruvuru

02 An AI-Supported Big Data Learning Analytics Framework for Enhancing Teaching and Learning Outcomes in Higher Education

International Conference, 24–25 April 2026 · Ghulam Ahmed College of Education, Hyderabad · ISBN

978-81-999779-9-0

Faculty Development Programs & Training

25+ programs, 2021–2027

2021 – 2022 6 programs

- FDP on Data Analytics and Modelling Tools for Research — TLC, Ramanujan College, University of Delhi, 31 Dec 2021 – 06 Jan 2022 (1 week)
- National Webinar: Impact of Pesticides & Fertilizers on Plants & Human Health — Dept. of Chemistry, SVRK Government Degree College, Nidadavole, 07 Dec 2021
- National Workshop: Past, Present & Future Research in Luminescence and its Varied Applications — Dept. of Physics & Chemistry, SVRK Government Degree College, Nidadavole, 06 Jan 2022
- 8th International Workshop: Research Questions, Objectives and Hypotheses — jointly organized by IQAC, North-Eastern Hill University (Shillong) & ISTD Shillong with the Dept. of Philosophy, SVU Tirupati, 31 Dec 2021
- FDP on Academic Research Writing — TLC, Ramanujan College, University of Delhi, 16–22 Jan 2022 (1 week)
- Online Course on Computer Skill Training — Sky Online Courses, completed 31 Dec 2021

2022 – 2023 5 programs

- Faculty Induction Program — Acharya Nagarjuna University, Guntur, 29 Jun – 03 Jul 2022 (5 days)
- UGC-HRDC Orientation Course — Andhra University, Visakhapatnam, 14 Jul – 10 Aug 2022 (4 weeks)
- Master Trainers Training Programme (MTTP) on Internship / Apprenticeship Management — MGNCRE, Hyderabad, 12–17 Dec 2022 (6 days)
- Training Programme on Internship and LMS — Nodal Resource Center, Rajahmundry, 23–25 Jan 2023 (3 days)
- Master Trainer — 3-day Training Program on Internship and LMS — Nodal Resource Center, Rajahmundry, 02–04 Feb 2023

2023 – 2024 5 programs

- Training of Trainers on English Medium of Instruction, Proficiency in English — NRC, Tanuku, 05–10 Jun 2023 (6 days)
- National Webinar on Deep Learning — Dept. of Computer Science, Dr L H R Government Degree College, Mylavaram, NTR District, 29 Sep 2023
- One-day Workshop, INFOSYS Springboard — AKNU, Rajahmundry, 16 Oct 2023
- One-day Training of Trainers on SEEK & SEL — NRC, Tanuku, 23 Jan 2024

- Capacity Building Teacher Training Program for Key Resource Persons — UGC-MMTTC, University of Hyderabad, 23 Feb – 05 Mar 2024 (2 weeks)

2024 – 2025 2 programs

- One-day Training of Trainers on Creative E-Content Generation — NRC, Tanuku, 08 Aug 2024
- Short Term Course on Artificial Intelligence in Healthcare Applications — UGC-MMTTC, NIT Warangal, 18–23 Nov 2024

2025 – 2026 5 programs

- FDP on AI Agents: Design, Frameworks & Applications — Commissioner of Collegiate Education (CCE), Govt. of Andhra Pradesh, with ExcelR Edtech Pvt. Ltd., 12–16 May 2025 (5 days)
- National Webinar: The World of Artificial Intelligence — Foundations and Future — Dept. of CS & Applications, VKV Government Degree College, KothaPeta, Dr. B.R. Ambedkar Konaseema Dist., 17 Sep 2025
- National Webinar: Financial Education — A Life Skill under NEP 2020 — Dept. of Commerce, Government Degree College, Kovvur, with AMFI, 20 Jan 2026
- FDP on Applications of AI — Commissioner of Collegiate Education (CCE), Govt. of Andhra Pradesh, with ExcelR Edtech Pvt. Ltd., 23 Feb – 13 Mar 2026 (18 days)
- FDP on Artificial Intelligence — Executive Education Cell, School of Management Studies, University of Hyderabad & APSCHE, sponsored by Andhra University, 23–27 Mar 2026 (5 days)

2026 – 2027 2 programs

- Five-Day Workshop: Design, Develop and Deliver MOOCs and the Associated Ecosystem — Acharya Nagarjuna University, 29 Jun – 03 Jul 2026, organized by APSCHE Mangalagiri, sponsored by RUSA 2.0, ANU
- 40-Hour FDP: QT-00 & 01 Foundations of Quantum Computing & Applications — Consortium of Electronics and ICT Academies, funded by MeitY, Govt. of India, endorsed by AICTE / NQM / UGC, 17 Aug – 12 Sep 2026 — completed with Excellent performance

Academic & Administrative Contributions

Internship Master Trainer	Career Guidance & Placement Activities
Student Mentoring & Counselling	Research & Publication Activities
Digital Content Development	AI Integration in Teaching & Learning
College Website Maintenance & Technical Support Coordinator	