

Dr. K. Srinivas



Designation : Professor

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Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada, Andhra Pradesh

Education

Ph.D (Computer Science and Engineering)

Jan 2010, Nagarjuna University University, Guntur

M.Tech (Computer Science and Engineering)

Nov 2010, Jawaharlal Nehru Technological University, Kakinada

M.C.A (Computer Science and Engineering)

Nov 1995, Andhra University, Visakhapatnam

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2010-Till date	<ul style="list-style-type: none"> • Professor & Program Co-ordinator • Coordinator for Student Welfare Committee • Coordinator for Scientific and Industrial Research Organizations (SIRO) at Academy level (Siddhartha Academy of General & Technical Education) 	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada, Andhra Pradesh	<ul style="list-style-type: none"> • Research, Innovation & Industry Collaboration • Conducting BoS, DAB, and PAC meeting as per the direction of HoD • Conducting and monitoring Student welfare committee meetings at University level • Academy level collecting and submitting information for SIRO recognition. • Monitoring Class works, Lab works, FDP's, Seminars, workshops and others • Curriculum development

	Higher)		based on National Education Policy 2020 in the department.
2006-2010	Associate Professor, Department of MCA	PYDHA College, Visakhapatnam,	<ul style="list-style-type: none"> • Research & Development activities • Academic and Student Development
2001-2006	Asst. Professor, Department of MCA	S.V.K.P & Dr. K.S.Raju Arts & Science College (P.G Courses)	<ul style="list-style-type: none"> • Academic and Student Development • Research & Development activities • Curriculum development
1996-2001	Head, Department of MCA	Sri. Y.N.College (P.G.Courses)	<ul style="list-style-type: none"> • Academic & Administrative Leadership • Research, Innovation & Industry Collaboration • Student Development & Quality Assurance

Research Interests

Broad Area of Research :

- Data Analytics
- Bioinformatics
- Video Analytics
- Image Processing and IoT

Honors and Awards

- **Appreciation award** for Teachers from JNTUK University, 2024
- **Research & Leadership Development award** by Artificial Intelligence Medical and Engineering Researchers Society (AIMER Society), May 2024.
- **Best Paper Award at NTU, Singapore, 2018**
- **BoS member** for Department of B.Tech (CSE), **RVRJC college of Engineering**, Guntur
- **BoS member** for Department of B.Tech (CSIT), **SRKR college of Engineering**, Bhimavaram
- **BoS member** for Department of MCA, **S.V.K.P & Dr.K.S.Raju Arts & Science College**, Penugonda,
- **BoS member** for Department of MCA, **Swarnadhra Engineering College**, Narsapur
- **Visited 6 Foreign Universities (Illinois at Chicago(UIC), Loyola University Chicago (LUC), Indiana University, UC Berkeley, UC Davis Stanford University, NTU Singapore)** as part of study tour and papers presentation.

Courses Taught

S.No	Name of the Course	Level (UG/PG)
1.	Deep Learning	UG
2.	Machine Learning	UG
3.	Database Management Systems	UG and PG
4.	Data Mining	UG and PG
5.	Big Data Analytics	UG and PG
6.	Object Oriented programming through C++	UG
7.	Data Structures	UG
8.	Design analysis of algorithms	UG and PG
9.	Computer Graphics	UG and PG
10.	Operating Systems	UG
11.	Embedded Systems	UG
12.	Computer Networks	UG and PG
13.	C Programming	UG
14.	C++ Programming	UG
15.	Java Programming	UG
16.	Computer Organization	PG
17.	Compiler Design	PG
18.	Bioinformatics	PG
19.	Advanced Data Mining	PG
20.	Data Analytics	PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.co.in/citations?user=nEHoppUAAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56708183800
ORCID	https://orcid.org/0000-0003-4714-1380
Research Gate	https://www.researchgate.net/profile/Kudipudi_Srinivas
Publons	https://www.webofscience.com/wos/author/record/48478114
LinkedIn	https://www.linkedin.com/in/kudipudi-srinivas-6a552367

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Jawaharlal Nehru Technological University, Kakinada
02.	Computer Science and Engineering	Jawaharlal Nehru Technological University, Hyderabad
03.	Computer Science and Engineering	Krishna University, Machilipatnam
04.	Computer Science and Engineering	Siddhartha Academy of Higher Education (SAHE)

Research Scholars Guided as Supervisor

S. No	Name of the Research Scholar	Year Awarded	Thesis Title	Name of the University
1	Mrs. B. Sai Chandana	2017	A Novel Approach for Hyper spectral Image Classification using Information based Dimensionality Reduction and Hierarchical Image Fusion	JNTU, Kakinada
2	Mrs. L. Surya Prasanthi	2018	Novel sampling method to handle class imbalance classification problems and their applications	Krishna University, Machilipatnam
3	Mrs. M. Mary Sujatha	2018	Identification of key nodes. pathways in Protein-Protein interaction network using concatenation and network analysis	Krishna University, Machilipatnam
4	Mr. P. SubhaRao	2022	Forecasting Stock Market Prices Using Novel Greedy Heuristic Optimized Multi-Instance Quantitative, Multi Model-Based Hybrid And Generative Adversarial Network	JNTU, Kakinada
5	Mr. Makineedi Raja Babu	2024	Age Estimation and Age Invariant Face Recognition System Using Dynamic Multi-Task Feature Fusion Convolutional Neural Networks	JNTU, Hyderabad

Research Scholars Details- Under Supervision

Sl. No	Name of the research scholar	Year of Admission	Name of the university enrolled
1	Ms. V. Rashmi	2024	Siddhartha Academy of Higher Education (SAHE)
2	Mr. A. N. Kumar	2024	Siddhartha Academy of Higher Education (SAHE)

Funded Research Projects

S.N o.	Title of the project	Funding agency	Sanctioned amount	Duration	Present Status
1.	Qualitative and quantitative classification of mixed bamboo forests using geospatial technology	NESAC, IRSO	Rs 25.30 Lakhs	3Years 2021-2024	Ongoing
2.	Robust Video Analytics	ADRIN Hyderabad	Rs 18.23 Lakhs	3 Years 2014-2017	Completed
3.	Mining Alzheimer's Disease Signal Transduction Modulatory Drug Target Networks	UGC	Rs 14.86 Lakhs	3 Years 2012-2015	Completed
4.	Development of image processing method for assessing content of trees outside forests(TOP) using IRS high resolution satellite images	NRSC, Hyderabad	Rs 9.8 Lakhs	2 Years 2012-14	Completed

Patents

1.	Intelligent Cookware with Enhanced User Experience and Connectivity Features, Application No: 202341034203, Date of filing of Application : 16/05/2023, Publication Date : 03/11/2023
2.	Model of Intelligent Smart Medicine Box for Elderly People”, Application No:202141054350, Date of filing of Application : 24/11/2021, Publication Date : 10/12/2021
3.	A Method and a Tool “Protein Compound Prediction”: Predict the Candidate Drugs for Chronic Diseases”, Application No.201641020469, Date of filing of Application :15/06/2016, Publication Date : 22/12/2017

Invited Talks

No. of Invited Talks	05
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Professional Service / Reviewer

- Intelligent Systems with Applications, Science Direct, ISSN 2667-3053.
- Engineering Applications of Artificial Intelligence, Elsevier, ISSN: 0952-1976
- International Journal of Sensors, Wireless Communications and Control, ISSN 2210-3287
Journal of Proteomics, Science Direct, ISSN: 1874-3919

Administrative Roles

S.No	Administrative Position	Duration
1	Coordinator , Student Welfare Committee, Siddhartha Academy of Higher Education (Deemed to be University)	Since 18-08-2022
2	Coordinator for Scientific and Industrial Research Organizations (SIRO) at Academy level (Siddhartha Academy of General & Technical Education Higher)	Since 07-02-2017
3	Program Coordinator , B.Tech, CSE , Siddhartha Academy of Higher Education (Deemed to be University)	Since 03-07-2013
4	Coordinator for NBA	Since 03-07-2013
5	Coordinator , Community Product development monitoring commercialization	Since 28-07-2025
6	Head , Dept. of M.C.A, Sri Y. N. College, Narsapur	Feb 1997 to Sept 2001

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	23
International / National Level Seminars	NIL / 08
International / National Level Conferences	25 / 11
Workshops	15
Instructor Led / Self-Paced Courses	14
Webinars	10

Professional Bodies Membership Details

1	Computer Society of India (CSI) – Life member
2	International Society for Computational Biology (ISCB)
3	IEEE Member