

Dr. K. Srinivas



Designation : Professor
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 Velagapudi Ramakrishna Siddhartha Engineering
 College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

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
2010-Till date	Professor	Velagapudi Ramakrishna Siddhartha Engineering College
2006-2010	Assoc. Professor	PYDHA College, Visakhapatnam,
2001-2006	Asst. Professor	S.V.K.P & Dr. K.S.Raju Arts & Science College (P.G Courses)
1996-2001	Asst. Professor	Sri. Y.N.College (P.G.Courses)

Research Interests

Broad Area of Research :

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

Honors and Awards

- Best Paper Award at NTU, Singapore

Courses Taught

- Data Structures
- Design analysis of algorithms
- Object oriented programming
- Database Management Systems
- Computer Graphics
- Operating Systems
- Data Mining
- Advanced Data Mining
- Data Analytics
- Bioinformatics

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

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

Research Scholars Guided as Supervisor

S. No	Name of the Research Scholar	Year of Awarded	Name of the University Enrolled
1	Mrs. B. Sai Chandana	2017	JNTU, Kakinada
2	Mrs. L. Surya Prasanthi	2018	Krishna University, Machilipatnam
3	Mrs. M. Mary Sujatha	2018	Krishna University, Machilipatnam
4	Mr. P. SubhaRao	2022	JNTU, Kakinada
5	Mr. Makineedi Raja Babu	2024	JNTU, Hyderabad

Funded Research Projects

S. No.	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

- Organising Committee Member, Institute of Bioinformatics and Computational Biology (IBCB), Visakhapatnam
- Reviewer in International Journal of Computer and Sciences
- Reviewer in International Journal of Research In Electronics And Computer Engineering

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	23
International / National Level Seminars	NIL / 08
International / National Level Conferences	21 / 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

(Dr. K. Srinivas)