

Name of Faculty Dr. Srinivasarao Madala
 Designation Associate Professor
 Nature of Job/Appointment Regular
 Date of Joining 23-10-24
 E-mail srinivasaraomadala_aids@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (CSE)	Awarded
PG	M.Tech. (CSE)	First
UG	B.Tech (CSE)	First

Work Experience

Teaching 14 Years
 Research 5 Years
 Industry --
 Others --

Area of Specialization Big Data Analytics, Machine Learning & Data Science

Professional Memberships --

Responsibilities held at Institution Level
 NBA Coordinator - 1st November 2018 to November 2020,
 CISCO SPOC

Responsibilities held at Department Level
 1. Acted as HoD from Nov 2020 to Aug 2024

Research Guidance --

Awards Received
 1. NPTEL Mentor Recognition (3 courses)
 2. Received Best Paper award in National level Conference
 3. Awarded as **Best instructor & Appreciation by CISCO Netacad** in the event of **Code Riders 2021**.
 4. Received **Active Participation Instructor certificate** from **CISCO Netacad**.

Courses Handled at Under Graduate / Post Graduate Level.
 UG Level: Computer Networks, Hadoop & Big Data, Operating systems, Open source Software, oops through java, Python Programming, C Programming, Data structures, Formal Languages and Automata Theory, Computer Graphics, E-commerce, Software Engineering, Data Mining & Data Warehousing, Design and Analysis of Algorithms

PG Level: Theory of Computation, Data Mining & Data Warehousing.

No. of Papers Published
 National Journals – 07 International Journals – 13
 National Conference – 01 International Conference – 09

NPTEL Certifications: 03
Course 1:
 Course :Outcome Based Pedagogic Principles for Effective Teaching
 Score :**73%**

Course 2:

Course :Introduction to Modern Application Development

Score :75%

Course 3:

Course :Introduction to R Programming

Score :81%

Invited Speaker

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No. of Books/Chapter Published with details

Title of the Book: Dynamic Research trends in Engineering and Management with ISBN No:9789390631506

Chapters:

Crop yield prediction using machine learning approaches

Identifying of fake profiles across online social networks by using neural network

Automatic vehicle number plate recognition using optical character recognition

Certified as **EMC Academic Associate** by **EMC Education Services** on **Data Science and Big Data Analytics** in June 2017.

Attended a National level **DST** Sponsored **one week** Faculty Development Programme on "**Data Analytics**" which was held in **PVP Siddardha Engineering college** in May 2016.

Participated & Completed Successfully AICTE training and Learning (**ATAL**) Academy Online FDP on "**Block Chain**" from 11-5-20 to 15-05-20 at **Punjab Engineering College (Deemed to be University)**

Participated & Completed Successfully AICTE training and Learning (**ATAL**) Academy Online FDP on "**Data Science**" from 4-5-20 to 8-05-20 at **Punjab Engineering College (Deemed to be University)**

Attended Two Day National level Workshop on "**Interactive Ethical Hacking-Cyber Security**" which was held in **PACE Institute of Technology and Sciences** in October 2015.

Attended a National level **ISTE** Sponsored workshop in **NIT Warangal** conducted by **IIT Khargpur** on "**Designing of algorithms**" in May 2015

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Training (**Attended and/or Organized**).

Attended National level Two Day FDP Programme which was held in **Sri Vidya Nikethan Engineering college** on "**Recent Trends and Research Perspective in Data Warehousing and Data Mining**"

Attended One Day National level Workshop on "**Wireless Sensor Networks-A Research Perspective**" which was held in **JNTU Kakinada**.

Attended National level FDP Programme on "**Pedagogy Approaches in Under Graduate Programmes**" which was held in **PACE Institute of Technology and Sciences**.

Attended One Day National level FDP Programme on "**Block Chain-The Modern Internet**" which was held in **JNTU Kakinada**.

Attended Five Day National level FDP Programme on "**IPR Awareness and Patent Prosecution**" at **CMR Engineering College** in 2020

Attended and Organized Two week AICTE Sponsored FDP on "**Machine learning and Artificial Intelligence using Data Science**" in November 2020

Attended One Week National level FDP Programme on "**Big Data Analytics**" By **ICT Academy** in 2021 April.

Attended One Week National level FDP Programme on “**Advancements In Data Analytics Using Informatica**” By Vignan Institute of Engineering for Women from 21th June to 25th June 2021.

Participated & Successfully completed the Faculty Development Program on “**DATA SCIENCE**” Conducted by **E & ICT IIT Kanpur** from 11th June 2021 to 27th June 2021

Details of Journal Publications/
Conferences (National and
International)

International journals:

- Published a research paper entitled “Simulation Analysis of 4G/5G OFDM Systems by optimal Wavelets with BPSK Modulator” **Journal of Sensors –(Hindawi) ISSN: 1687-725X**
- Published a research paper entitled “Enhanced grasshopper optimization algorithm with extreme learning machines for motor-imagery classification” **Asian Journal of Control – (Wiley) ISSN:1934-6093**
- Published a research paper entitled “An Efficient and Secure Big Data Storage in Cloud Environment by using Triple Data Encryption Standard”**Big Data and Cognitive Computing ISSN: 2504-2289**
- Published a research paper entitled “Deep Learning multi-view Paradigm to forecast Medical Spending on Patients” in **Indian Journal of Computer Science and Engineering -ISSN: 2231-3850**
- Published a research paper entitled “A Novel Approach: big data analysis based on multi-view data visualization using clustering similarity measure” in **International Journal of Engineering & Technology (UAE)-. ISSN: 2227-524X**
- Published a research paper entitled “Advanced graphical-based security approach to handle hard AI problems based on visual security” in **International Journal of Intelligent Enterprise-. ISSN: 1745-3232**
- Published a research paper entitled “Efficient Outline Computation for Multi View Data Visualization on Big Data” in **International Journal of Pure and Applied Mathematics-. ISSN: 1311-8080**
- Published a research paper entitled “A Comparative study of Multi-view Data Visualization on Big Data Using Different Techniques” in **Journal of Critical Reviews. ISSN: 2394-5125**
- Published a research paper entitled “A Novel Architecture For Adaptive Encryption of Public Cloud databases” in **International Journal of Research-. ISSN: 2348-6848**
- Published a research paper entitled “A Novel Approach: Secure authentication outsourced cloud through KAE” in **International Journal of Engineering and Advanced Technology ISSN: 2249-8958**
- Published a research paper entitled “**Lossless Data Hiding In Images Based On Histogram Modification**” In **International journal of Advanced Computer Engineering and Communication Technology. ISSN: 2319-2516** by **IRD-INDIA.**
- Published a research paper entitled “Advanced Visual Cryptographic Approach for Secure Authentication against Push based Web attacks” in **International Journal of Pure and Applied Mathematics-. ISSN: 1311-8080**
- Published a research paper entitled “ Detecting cyber attacks by applying machine learning techniques in **International Journal of Mechanical Engineering:-ISSN: 0974-5823**

International /National Conferences

- Published a research paper entitled “Analysis of Different Pattern Evaluation Procedures for Big Data Visualization in Data Analysis” in **IC3T-Springer Conference**
- Published a research paper entitled “Analysis of Visual Cryptographic Techniques in Secret Image Data Sharing” in **IC3T-Springer Conference**
- Published a research paper entitled “A Comparative Study of Multi-View Data Visualization on Big Data Using Different Techniques” in **2nd World Summit on Advances in Science, Engineering, and Technology (Indiana Summit 2019) , Purdue University, Indianapolis, USA during October 3 – 5, 2019**
- Published a research paper entitled “Visual analytics in big data using parallel coordinate model” in **EMERGE 2017 (Best Paper Award)**
- Published a research paper entitled “Artificial Intelligence and Deep Learning for Weapon Identification in Security systems” **Journal of Physics: Conference Series**
- Published a research paper entitled “College students Network behaviour Using data mining and feature analysis” **Journal of Physics: Conference Series**
- Published a research paper entitled “Click Fraud Detection Approaches to analyze the Ad clicks Performed by Malicious Code” **Journal of Physics: Conference Series**

- Published a research paper entitled “Publicly Verifiable Vibrant digital Medical Information Systems” **Journal of Physics: Conference Series**
- Published a research paper entitled “A Review on Imbalanced Data Classification Techniques” **ICACTA- IEEE Conference**
- Published a research paper entitled “Combining the behaviour of user and relationships to Predicting the Links in Social Networks” in **AIP Conference Proceedings**
- Published a research paper entitled “A Hierarchical Attribute Based Encryption scheme is Designed for Document Collection” in **AIP Conference Proceedings**

