

A.NAGA PRAVALLIKA

Assistant Professor

Prasad V Potluri Siddhartha Institute of Technology,

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Education Qualifications:

M.Tech (CSE): BAPATLA ENGINEERING COLLEGE, Bapatla Under ACHARYA NAGARJUNA UNIVERSITY, Guntur from 2015 – 2017 with 9.18 (CGPA).

B.Tech (IT): SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN, BHIMAVARAM Under JNTU KAKINADA from 2011-2015 with 67.4%.

INTER (M.P.C) : SRI CHAITANYA JUNIOR COLLEGE, GUNTUR from 2009-2011 with 88.5%.

SSC : Z.P.H.SCHOOL, MODUKURU in the year 2009 with 86%.

Teaching Experience:

- Working as Assistant Professor in Department of computer science at **Prasad V Potluri Siddhartha Institute of Technology** from 2024 – Till now.
 - Worked as Assistant Professor at **Sri Mittapalli Institute of Technology For Women** 2021 – 2024.
 - Worked as Assistant Professor at **Sri Prakash College of Engineering** From 2017 – 2020.
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Certification Courses/FDPs:

- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on **Machine Learning through Lens of Mathematics** at SRI VENKATESWARA COLLEGE OF ENGINEERING.
- Faculty Development Programme on **Introduction to Generative AI Models and Applications** at R.V.R. & J.C. College of Engineering.
- Faculty Development Programme on **Wearable Devices-AI for Digital health** at VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY.
- Faculty Development Programme on **Empowering Educators: Advancements in Artificial Intelligence and Its Applications** in Computer Science at SRI MITTAPALLI COLLEGE OF ENGINEERING.
- Faculty Development Programme on **DevOps for Cloud Native Development : Containers , Kubernetes and CI/CD Pipelines** at SRI VENKATESHWARAA COLLEGE OF ENGINEERING AND TECHNOLOGY.
- Faculty Development Programme on **Quantum Technologies & Applications** conducted by **Electronics & ICT Academies** MNIT Jaipur, NIT Patna, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, NIT Warangal.
- Participated in **Five- day Women's Special Happiness Program** conducted by **Prasad V Potluri**

Siddhartha Institute of Technology.

- Successfully Completed 8 – weeks of Faculty Development Program on **Design and Analysis of Algorithms** in NPTEL courses and got **Elite certification**.
 - Executive Development Programme on **How to Publish Research Papers in High-Impact Factor Journals and Research Ethics to Prevent Retraction**.
 - Successfully Completed 12 – weeks of Faculty Development Program on **Design and Analysis of Algorithms** in NPTEL courses and got **Elite certification**.
 - Faculty Development Programme on **Next Gen Cyber Security : Trends and Technologies** conducted by **Electronics & ICT Academies** MNIT Jaipur, IIT Roorkee, IIT Guwahati, IIT Kanpur.
 - Faculty Development Program on **Building Knowledge Driven Intelligent Systems: Generative AI, Agentic AI and Edge AI** conducted by **Andhra Layola Institute of Engineering and Technology**.
 - Faculty Development Program on **AI Tools for Teaching, Research and Academic Writing** conducted by **University of Engineering and Technology** in association with AMIEE and CMAOI.
 - Successfully Participated in **NEP2020 Orientation and Sensitization Programme** conducted by NIT Warangal.
 - Faculty Development Programme on **Malware Analysis** conducted by **E&ICT and MNIT Jaipur**.
 - Successfully Completed **CEEE Program** as a mentee at Regional Centre -**IIT Khargapur** Organized by Infosys Foundation & Indian National Academy of Engineering and Supported by **AICTE & IITs**
 - Faculty Development Programme on **Cyber Security Intelligence and Ethical Hacking Practices** conducted by **EICTA Consortium**
 - National Level Faculty Development Program on **AI Assisted Research Writing: Research Papers, Books, Thesis and the Applications of Large Language Models** conducted by **Heritage Institute of Technology** in association with **AMIEE and CMAOI**.
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Seminar/Webinar:

- Successfully Participated in the International Seminar on **Computer vision for text Detection and Forensic Handwriting Analysis** conducted by **Vidhyavardhaka First Grade College**.
- Successfully Participated in **ACM India Technology Policy Committee Webinar** conducted by **ACM**
- Successfully Participated in the webinar on **Transition, Turbulence and All That....** Conducted by **INAE**
- Successfully Participated in the webinar on **20th Symposium on National Frontiers of Engineering (NatFoE) & IMP 2026** Conducted by **INAE**
- Successfully Participated in the webinar on **Generative Adversarial Network (GAN): An efficient tool for data generation and data completion** jointly organized by **INAE Bhubaneswar**.

Publications:

- ❖ Mining Specific Content Search Using Clustering Algorithm using Data Mining Techniques. Volume 06, Issue 05, July 2017, ISSN: 2456 – 5083, www.ijiemr.org.
- ❖ **Robust and Explainable Machine Learning Framework for Early Detection of Chronic Kidney Disease with XGBoost**, ISBN: 979-8-3315-5620-4, ICCCES-2026.
- ❖ **Blockchain For Secure And Decentralized Cloud Computing Enhancing Data Privacy And Integrity**. Vol.103. No.23, ISSN: 1992-8645, .jatit.org

Professional Societies Membership:

- ❖ Member of Computer Science Teachers Association.
- ❖ Member of AMIEE Association.
- ❖ Member of Association for Computing Machinery.

Project:

- Completed a project on Mining Specific Content Search Using Clustering Algorithm using Data Mining Techniques.
 - Guided a Project on Automated Mock Interview Analysis Using BERT for Evaluation and Feedback.
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Subjects Taught:

- Data Structures
 - Web Technologies
 - Compiler Design
 - Design Analysis of Algorithms
 - Formal Languages and Automata Theory
 - Cryptography and Network Security
 - Software Architecture and Design Patterns
 - Internet of things
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Job Summary:

- Provide service to the department and college.
 - Conducting weekly and monthly assessments to check the performance and improve the students.
 - Responsible for taking the practice of class.
 - Responsible for one entire class student's professional performance.
 - Teaching them using various audiovisual instruments like projector etc.
 - Use of relevant technology for teaching and communication.
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Personal Profile:

Father's Name	:	Mr. A. Srinivasa Rao
Gender	:	Female
Date of Birth	:	25-08-1994
Languages Known	:	Telugu and English
Nationality	:	Indian
Marital Status	:	Married

(A.Naga Pravallika)