DEEPA. T   #102, Bloc A, Vasathi Homes,
deepayasoda@gmail.com   Ramavarappadu,
Mobile - 8977772577   Vijayawada

Career Objective

Seeking a challenging position to utilize my skills and abilities in the area of Teaching and research that offers a professional growth while being resourceful, innovative and flexible.

Educational Qualification

- Pursuing **Ph.D (2020)** from Sri Venkateswara University, Tirupthi.
- **UGC NET DEC-2018** qualified as **Assistant Professor** in the Subject Computer Science & Applications.
- **M.Tech** in computer science and engineering from QCET Nellore with 73% in 2012.
- **B.Tech** in Computer Science and Information Technology from GKCE, Sullurupet with 78% in 2005.
- **Diploma** in Electronics & Communication Engineering from GPW, Palamaner with 76% in 2001.

Academic Experience: 13 years.

- Working as an Assistant Professor in Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada from June 2024 to present.
- Worked as an Assistant Professor in VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad from May 2023 to April 2024.
- **Regularized by JNTU Hyderabad,** as Assistant Professor (JNTUH ID: 9030-190504-155034) in Computer Science and Engineering Department (2019) and in Information Technology Department (2020).
- Worked as an Assistant Professor in Vignan's institute of Management and Technology for women, Ghatakesar from May 2019 to Aug 2020
- Worked as an Assistant Professor in Ravindra College of Engineering for women, Kurnool from Dec 2015 to Apr 2019
- **Ratified by JNTU Kakinada, as Assistant Professor** in Computer Science and Engineering Department (2014).
- Worked as an Assistant Professor in QIS college of Engineering and technology, Ongole from Jun 2012 to Jul 2015

- Worked as an Assistant Professor in QIS college of Engineering and technology, Ongole from Aug 2009 to Nov 2010.

- Worked as an Assistant professor in Aditya college of Engineering, Kakinada from Dec 2005 to Nov 2006.

Publications: Scopus Indexed: 5
ID: https://orcid.org/0009-0006-0802-8050

1. **Deepa, T.** & Rao, Ch.**,** *Brain Glial Cell Tumor Classification through Ensemble Deep Learning with APCGAN Augmentation***, International Journal of Computational and Experimental Science and Engineering**. *Volume 11, Jan 2025, DOI: 11. 10.22399/ijcesen.803.*

2. Myee, M.K., Rebekah, R.D.C., **Deepa, T.,** Zion, G.D. and Lokesh, K. 2024. *Detection of Depression in Social Media Posts using Emotional Intensity Analysis*. **Engineering, Technology & Applied Science Research**, Volume 14, *Issue* 5, Oct. 2024, 16207–16211. DOI: https://doi.org/10.48084/etasr.7461

3. **T. Deepa** , Dr. Ch.D.V. Subba Rao*, Deep Learning approaches for brain tumor segmentation and multiclass classification, **NeuroQuantology**, eISSN1303-5150, Volume 20, Issue 16, Nov 2022, DOI: 10.48047/NQ.2022.20.16.NQ880168.*

4. **T.Deepa**, Dhanaraj Cheelu, *Load Balancing Algorithms in Cloud Computing: A Comparative Study,* **International Journal of Innovations & Advancement in Computer Science**, ISSN: 2347 – 8616, Volume 6, Issue 1, Jan 2017

5. **T.Deepa** , S Sharon Amulya Joshi, *A Survey On Load Balancing Algorithms In Cloud,* **International journal of computer engineering in research trends**, ISSN:2349 7084, Volume 3, Issue 7,Jul 2016

6. M. Madhuri and **T.Deepa**, *An Identity Destructing Records Organization Based On Energetic Storage Space Framework*, **International Journal of Emerging Technology in Computer Science & Electronics** (IJETCSE) ISSN: 0976-1353 Volume 12, Issue 1, Dec 2014.

7. Kommineni Praveena and **T.Deepa**, *Forbidden Zone Data Hiding in Wavelet Domain for Digital Video Sequences*, **Global Journal of Advanced Engineering Technologies**, ISSN: 2277-6370, vol2, Issue4-2013,

International Conferences:
1. **T. Deepa,** Dr. Ch D V Subba Rao, *TransU-Net: Glioma Sub-region Segmentation,* **International Conference on Cognitive, Green and Ubiquitous Computing (IC-CGU-2024),** *Mar-2024*

2. **T.Deepa,** Aekka Sathvik, Ganji Meghana, Gummadi Mahesh, Gurram Anusha**,** *Exploration of Audio Modality for Comprehensive Summaries in Next-Generation Domain-Specific Abstraction: A Survey,* **International conference on Engineering & Technology (ICET-24), FEB-2024**

3. M. Kiran Mayee; **T. Deepa**, *A Computational Approach to Include Extraction for Recognizable Proof of Self-Destructive Ideation in Tweets,* **Fourth International Conference on Inventive Systems and Control (ICISC 2020),** Jan 2020

4. **T. Deepa** , Dhanaraj Cheelu, *A Comparative Study of Static and Dynamic Load Balancing Algorithms in Cloud Computing*, **International Conference On Energy, Communication, Data Analytics And Soft Computing (ICECDS 2017)**, Aug 2017

National Conferences:
1. **T Deepa,** M. Kiranmayee, Cloud Computing: Security and Privacy Issues, **National conference on recent innovations in engineering technology(NCRIET)**, Nov-2017

2. M. Kiranmayee, **T Deepa,** Fog Computing: Architecture and Security Issues**, National conference on recent innovations in engineering technology(NCRIET)**, Nov-2017

Professional Bodies Membership

- Computer Society of India (CSI), Life Member (5022230091)

- International Society for Technology in Education (ISTE), Life Member

Workshops and FDPs Attended

1. One week FDP on: Machine Learning Techniques for DeepFake Detections from Nov 19-23, conducted by IIT Roorke.
2. One-Week Online Faculty Development Programme (FDP) on "Artificial Intelligence in Practice", organized by Malaviya Mission Teacher Training Centre (MMTTC), IISER Bhopal,from September 27 to October 04, 2024
3. One Week Professional Development Program on Data Science Mastery organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad in Feb-2024.
4. Two Weeks International Faculty Development Program on Big Data Analytics organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad in Dec-2023.
5. 15 Hours of Faculty Development Program on Salesforce Platform Developer 1 (Online FDP) conducted by ICT Academy in Dec 2023.
6. One week online FDP on Federated Machine Learning conducted by department of CSE Vardhaman College of Engg in Nov-2023
7. A five day online faculty development program on current trends of Deep Learning in various research domains, VIT-AP with CCE NIT Warangal, Sep 2021
8. Ten day online faculty development program on research methodology in Prerna College of commerce, Nagpur, Jul-2021
9. A two week webinar on research and Publication ethics in SV University, Tirupati, Mar-2021
10. A five day online faculty development program on Cyber Security in SNIST,Hyderabad, May-2020
11. One week national level online faculty development program on Internet Of Things and Artificial Intelligence Applications , KL University, Guntur, June 2020

12. A one week national level online faculty development program on making a scientific research document using LaTex, VMTW Hyderabad, July-2020
13. A five day online faculty development program on block chain technology and its applications in VMTW, Hyderabad, July 2020
14. A one week national level online faculty development program on Advanced Machine Learning models using Python, VMTW Hyderabad, Aug-2020
15. A two day workshop on Data Analytics Using R Programming in GPCET, Kurnool, DEC-2017.
16. One week workshop on Problem Solving Skills in GPCET, Kurnool, May-2017
17. One week FDP on Software Projects and Methodologies in QISCET, Ongole, May-2013
18. Two week FDP on Recent Trends in Data Warehousing and Data Mining in QISCET, Ongole, May-2013

NPTEL:
1. Programming, Data Structures and Algorithms using Python during Jul-Sep 2024
2. Python for Data Science (Elite + Silver) during Jan – Feb 2024.
3. Deep Learning during Jan – Apr 2023.
4. Introduction to Machine Learning (Elite + Silver) during Jul – Sep 2022.

Technical Expertise

- **Programming Languages** :C,C++, JAVA, Python
- **Area of Interest** :Computer Networks, Artificial intelligence, Machine Learning, Deep Learning
- **Subjects Taught** :Object Oriented Programming Using JAVA
  C, C++, Data Structures
  Database Management Systems
  Computer Networks and Advanced Computer Networks
  Operating Systems
  Scripting languages

Personal Information

Name   : Deepa.T

Date of birth   : 1st May 1983

Gender   : Female

Marital status   : Married

Languages Known   : English, Telugu & Tamil

Permanent Address : W/O M.Jagannatha Naidu,
                  3-14, Rasanapalli,

Papisetty palli post,
Gudipala Mandal,
Chittoor dt.

<u>Declaration:</u>

        I hereby declare that all the information given by me are true and correct to the best of my knowledge.

Place:-Hyderabad
Date :- 03-Apr-2024   **(T.DEEPA)**