

**Name** : Deepa T  
**Designation** : Assistant Professor  
**Department** : Computer Science and Engineering  
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**Experience (in years): Teaching: 10.6 Research: 2.6 Others (If any, Specify):**

**1. Educational / Technical qualifications:**

| S.No | Level (UG / PG / Ph.D) | Year of passing    | Specialization                            |
|------|------------------------|--------------------|---|
| 1    | B. Tech                | 2005               | Computer Science & Information Technology |
| 2    | M. Tech                | 2012               | Computer Science and Engineering          |
| 3    | Pursuing Ph.D.         | 2020<br>Registered | Deep Learning                             |

**2. Teaching and Learning:**

2.1. Teaching Interests: C, DS, C++, Java, Python, computer Networks, operating systems and Machine Learning.

2.2. Novel Teaching & Learning Techniques adopted:

Flipped class room, Project based learning, chalk and talk

2.3. Involvement in curriculum updating / Design: C programming, CP Lab.

2.4. Involvement in curriculum design for the courses:

**2.5.3. Co-curricular and Extra-Curricular Activities**

3.1. Interests and Hobbies: Reading Books, Listening to music, Browsing net

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity:

- Mentoring the students who are academically weak.
- Continuously Monitoring students towards academic performance, career counseling and training

3.5. Committees involved in:

Department level: Counseling and conducting remedial classes

Institute Level:

**4. Conference / Workshop / Seminar / Guest Lectures:**

#### 4.1 Conducted:

- Conducted a 2 day workshop on “Cloud Computing” at QISCET, Ongole on 7<sup>th</sup> -8<sup>th</sup> February 2015 in association with IFC3 and IIT Bhubaneswar

#### 4.2 Attended:

- 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
- Ten day online faculty development program on research methodology, Prerna College of commerce, Nagpur, Jul-2021
- A two week webinar on research and Publication ethics in SV University, Tirupathi, Mar-2021
- A two day workshop on Data Analytics Using R Programming in GPCET, Kurnool, DEC-2017.
- One week workshop on Problem Solving Skills in GPCET, Kurnool, May-2017
- One week FDP on Software Projects and Methodologies in QISCET, Ongole, May-2013
- Two week FDP on Recent Trends in Data Warehousing and Data Mining in QISCET, Ongole, May-2013
- Completed online course on Deep Learning from NPTEL during Jan – Apr 2023.
- Completed online course on Introduction to Machine Learning (ML) from NPTEL during Jul – Sep 2022.
- Completed online courses on Cloud Computing Basics (Cloud 101) , Introduction to Data Science in Python, Python Data Structures, AI For Everyone from Coursera in May 2020
- Completed online course on Introduction to Big Data from Coursera in Aug 2020

### **5. Academic Contribution and Research & Consultancy:**

#### 5.1. Invited Lectures:

#### 5.2. Articles / Chapters published in Books:

#### 5.3. Books published as single author or as editor:

#### 5.4. Projects Guided:

a) UG : 5

b) PG : 2

#### 5.5. Research Interests: Computer Networks, Artificial intelligence, Machine Learning, Deep Learning

#### 5.6. Ph.D students:

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed Journals:

| <b>S.No</b> | <b>Title of the Paper</b>  | <b>Journal Name<br/>Vol.No. PP</b>   | <b>ISBN/ISSN<br/>No.</b> | <b>Impact<br/>Factor/<br/>Citation<br/>Index</b> | <b>National/<br/>Internatio<br/>nal</b> |
|-------------|--|--|--------------------------|--|---|
| 1           | Deep Learning approaches for brain tumor segmentation and multiclass classification      | NeuroQuantology, Volume 20, Issue 16   | 1303-5150                | 0.285  | Internation<br>al                       |
| 2           | Load Balancing Algorithms in Cloud Computing: A Comparative Study,                       | International Journal of Innovations & Advancement in Computer Science, Volume 6, Issue 1          | 2347 – 8616              |  | Internation<br>al                       |
| 3           | A Survey On Load Balancing Algorithms In Cloud   | International journal of computer engineering in research trends, Volume 3, Issue 7                | 2349 -7084               | 0.565  | Internation<br>al                       |
| 4           | An Identity Destructing Records Organization Based On Energetic Storage Space Framework, | International Journal of Emerging Technology in Computer Science & Electronics, Volume 12, Issue 1 | 0976-1353                | 4.780  | Internation<br>al                       |

5.8. Papers presented at National / International Conferences:

| <b>S.No</b> | <b>Title of the Paper</b> | <b>Names of the<br/>Conference/</b> | <b>National/<br/>International</b> | <b>Period</b> |
|-------------|---------------------------|-------------------------------------|------------------------------------|---------------|
|-------------|---------------------------|-------------------------------------|------------------------------------|---------------|

|   |  | <b>Seminars</b>   |               |                |
|---|--|---|---------------|----------------|
| 1 | A Computational Approach to Include Extraction for Recognizable Proof of Self-Destructive Ideation in Tweets | Fourth International Conference on Inventive Systems and Control (ICISC)                      | International | 8-10 Jan. 2020 |
| 2 | A Comparative Study of Static and Dynamic Load Balancing Algorithms in Cloud Computing                       | International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS) | International | 1-2 Aug. 2017  |
| 3 | Cloud Computing: Security and Privacy Issues   | National conference on recent innovations in engineering technology(NCRIET)                   | National      | 15-16 Dec 2017 |

#### 5.9. Sponsored research Projects:

| <b>S.No</b> | <b>Title</b> | <b>Agency</b> | <b>Period</b> | <b>Grant amount</b> | <b>Ongoing / Completed</b> |
|-------------|--------------|---------------|---------------|---------------------|----------------------------|
|             |              |               |               |                     |                            |

#### 5.10 Consultancy Projects:

| <b>S.No</b> | <b>Title</b> | <b>Agency</b> | <b>Period</b> | <b>Sanctioned Amount</b> | <b>Ongoing / Completed</b> |
|-------------|--------------|---------------|---------------|--------------------------|----------------------------|
|             |              |               |               |                          |                            |

#### 6. Awards / Honors received:

1. Got 100 % Pass percentage in the subject of Computer Networks.
2. Received CERTIFICATE OF APPRECIATION for organizing a 2 day workshop on “Cloud Computing” at QISCET, Ongole on 7<sup>th</sup> -8<sup>th</sup> February 2015 in association with IFC3 and IIT Bhubaneswar

**7. Motto:** knowledge is strength