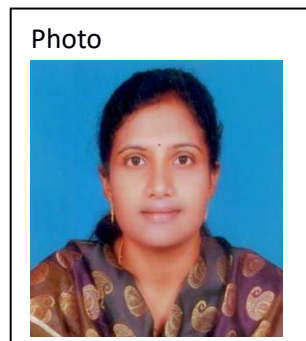


KNOWLEDGE ASSET 2022-2023



Name: Kamala Challa

Designation: Assistant Professor

Department: Information Technology

MailID: kamala_ch@vnrvjiet.in

JNTUH ID :31150331-142854

Experience (in years): Teaching: 15 Years **Research:** **Others (If any, Specify):**

1. Educational / Technical qualifications:

| S.No | Level (UG / PG / Ph.D) | Year of passing | Specialization |
|------|------------------------|-----------------|----------------|
| 1 | Ph.D. | pursuing | CSE |
| 2 | M.Tech | 2012 | CSE |
| 3 | B.Tech | 2006 | IT |

2. Teaching and Learning:

2.1. Teaching Interests: Computer Programming, Python Programming, R programming, Data Structures, Database Management System, Design and Analysis of Algorithms, Data Warehousing and Mining, Operating Systems, Computer Network, Mobile Computing, Data Analytics.

2.2. Novel Teaching & Learning Techniques adopted: NPTEL Videos, Audio visuals, PPT, BlackBoard, and Activities.

2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading.

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated: Chess & Tennis

3.4. Counseling and Mentoring Activity:

3.5. Committees involved in:

Department level: 1. Faculty workshops attended

2. Faculty Workshops conducted

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

.1 Conducted:

.2 Attended:

Conferences attended:

- Presented a Paper on Pot Hole detection using CNN-ICAIS3-2022, C.Abdul Hakeem College of engineering and technology, Tamilnadu.
- Presented a Paper on Lung cancer detection through deep neural networks using CT Scan images-ICCIC-2022, December, vasavi college of engineering, Hyderabad.
- Presented a Paper on Comparative analysis on heart disease prediction using conventional neural networks with adapted back propagation-ICDIC-2021,SVEC, Thirupati.
- Presented a paper on Enhanced biomedical data modeling using unsupervised machine learning algorithms-NWCOIT-2019(Scopus), KLU Vijayawada.
- Fourth international conference on transformations in engineering education-ICTIEE 2017

Workshops attended:

- FDP on “Recent trends in cognitive science and it’s applications” during 13-3-2023 to 18-03-2023 organized by VNR VJIET,vikram university,Oriental university, SOC, IPS academy.
- Participated in a 40hr online FDP on “research challenges and hands on practice in data analytics and AI” organized by E&ICT, NIT Warangal, VNR VJIET during 21-31,july 2022.
- AICTE-ISTE program on “IOT and machine learning during 03-12-2021 to 09-12-2021 organized by JNTUA,Anathapur
- ATAL FDP on “exploring machine learning and deep learning algorithms for natural language processing applications” during 22-11-2021 to 26-11-2021 at VNR VJIET,Hyderabad.
- ATAL FDP on artificial intelligence and machine learning using python during 21-06-2021 to 25-06-2021 at engineering college, bikaner.
- FDP on Data Science organized by APSSDC During 01-06-2020 TO 30-06-2020
- Aicte-Staff Development Program On “Applications Of Image Thinnig Methodology” organized by BVRIT in 2009
- FDP on “Research Methodologies” organized by VCE in 2014
- FDP on “Multimedia Information Retrieval Methodologies” organized by VCE in 2015
- One Week Fdp On Deep Learning & Applications organized by ICT ACADEMY During 27-05-2019 TO 31-05-2019

- 3 Day Course On Industry 4.0 Standard Through Ict organized by NITTTR HANDIGARH During 23-01-2019 TO 25-01-2019
- Short Term Training Program On Problem Based Learning organized by NITTTR KOLKATA During 11-02-2019 TO 15-02-2019
- One Week Fdp On Ai And Machine Learning organized by MNIT JAIPUR During 17-12-2018 TO 21-12-2018
- Short Term Course On Open source Technologies organized by NITTTR CHANDIGARH During 03-12-2018 TO 07-12-2018
- FDP on Big Data And Machine Learning organized by NEC During 05-11-2018 TO 10-11-2018
- Short Term Course On Java Fundamentals And Programming organized by ORACLE ACADEMY During 08-09-2018 TO 14-09-2018
- 6 Day Training Program On Statistics With R Programming organized by NEC AICTE SPONSORED During 24-06-2019 TO 29-06-2019
- FDP on Data Science And Big Data Analytics organized by ICT ACADEMY During 23-04-2019 TO 27-04-2019
- Machine Learning In Medical Image Analysis: Recent Advances And Future Trends organized by NARASARAOPET ENGINEERING COLLEGE On 6TH JUNE 2020
- Implementation Of National Education Policy, 2020 organized by NARASARAOPET ENGINEERING COLLEGE On 13-11-2020
- An Insight Into Revised Accreditation Framework Of NAAC organized by NARASARAOPET ENGINEERING COLLEGE On 22-06-2020 TO 24-06-2020
- Learning Vocabulary Is The Crux Of Language Learning organized by NARASARAOPET ENGINEERING COLLEGE On 05-08-2020

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapters published in Books NIL

5.3. Books published as single author or as editor NIL

5.4. Projects Guided:

5.5. Research Interests: Databases, Big Data.

5.6. Ph.D students:

a) Enrolled: NIL

b) Submitted: NIL

c) Awarded: NIL

5.7. Papers published in reviewed Journals:

| S.No | Title of the Paper | Journal | ISBN/ISSN | Impact | National/ |
|------|--------------------|---------|-----------|--------|-----------|
|------|--------------------|---------|-----------|--------|-----------|

| | | Name Vol.No. PP | No. | Factor/ Citation Index | International |
|---|---|--------------------------------|--------------------------------|---------------------------------------|-----------------------------|
| 1 | Comparative analysis on heart disease prediction using conventional neural networks with adapted back propagation | Springer, Nov-2022 | ISBN: 978 981-19- 4161-0 | 0.49 | International conference |
| 2 | Enhanced Biomedical Data Modelling Using Unsupervised Probabilistic Machine Learning | IJRTE MAR-2019 | ISSN: 2277 3878 | 5.92 | international |
| 3 | Finding Least Cost Travel Route Using unconstrained CTP Query: A Survey | IJR FEB-2016 | e-ISSN: 2348- 795X | 5.60 | international |
| 4 | Algorithms For XML Tree Pattern Matching And Query Processing | IJCTA FEB-2012 | ISSN:2229- 6093 | 4.080 | international |

5.8. Papers presented at National / International Journals:

| S.No | Title of the Paper | Names of the Conference/ Seminars | National/ International | Period |
|-------------|---------------------------|--|------------------------------------|---------------|
| | | | | |

5.9. Sponsored research Projects:

| S.No | Title | Agency | Period | Grant amount | Ongoing / Completed |
|-------------|--------------|---------------|---------------|---------------------|--------------------------------|
| | NIL | | | | |

5.10 Consultancy Projects:

| S.No | Title | Agency | Period | Sanctioned Amount | Ongoing / Completed |
|-------------|--------------|---------------|---------------|--------------------------|----------------------------|
| | NIL | | | | |

- **Certifications:**

NPTEL:

- Database management systems
- Design and Analysis of Algorithms

COURSE ERA:

- Programming for Everybody (Getting Started with Python)
- Python data structures
- AI for everyone
- Employee Turnover Project Using Sy-Kit Learn
- Geo location Data Integrity

7. Motto: Today is in your hand.