P. VIJAYA KUMARI
COMPUTER SCIENCE AND DEPARTMENT,
JNTUA COLLEGE OF ENGINEERING,
PULIVENDULA – 516390,
YSR KADAPA(D),
ANDHRA PRADESH, INDIA.
MOBILE : +91 9000246614
E-Mail ID : vijaya.jntuacep@gmail.com
DATE OF BIRTH : 06-05-1990

CAREER OBJECTIVE:

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge and skills.

EDUCATIONAL QUALIFICATIONS:

Qualification	Passed out Year	Institution	Board / University	Percentage
Ph.D (Pursuing)	2020 Admitted	JNTU Anantapur	JNTU Anantapur	----
M. Tech(CSE)	2016	JNTUA COLLEGE OF ENGG (Autonomous), Pulivendula.	Jawaharlal Technological University. Anatapur	82.06
B. Tech(CSE)	2011	JNTUA COLLEGE OF ENGG (Autonomous), Pulivendula.	Jawaharlal Technological University. Anatapur.	60.64
Intermediate	2007	GOVT Junior college, Pulivendula.	Board of Intermediate Education.	84.90
S.S.C	2005	GOVT High School, Pulivendula.	Board of secondary Education.	85.16

UGC NET Qualified: Qualified UGC NET for an Assistant Professor which was conducted in Decemeber-2022 in the stream of **Computer Science and Applications**.

UGC NET JRF Qualified: Qualified UGC NET for Junior Reasech Fellowship which was conducted in Decemeber-2022 in the stream of **Computer Science and Applications**.

GATE Qualified: Qualified GATE-2013 in the stream of **Computer Science and Information Technology**.

TECHNICAL SKILLS:

Programming Languages: C, C++, Java, and Python.
Operating System: Windows, Linux
Databases: Oracle, Mysql.
Web Technologies: HTML, XML, Javascript

SUBJECTS TAUGHT :

Programming in C& Data Structures, Principals of Programming Language, Human Computer Interaction, Computer Networks, Design and Analysis of Algorithms, Discrete Mathematics, Advanced Data Structures and Algorithms, Data Structures, Cyber Security, Data Visualization Using Python, Machine Learning, Bigdata Analytics.

WORK EXPERIENCE: 8 Years

- Working as Assistant Professor (Adhoc) in Department of CSE JNTUA college of Engg (Autonomous), Pulivendula from Aug-2017 to Present.
- Worked as Teaching Assistant in Department of CSE JNTUA college of Engg, Pulivendula from Dec-2011 to May-2013.

`ACADEMIC PROJECTS:

- **M. Tech:**

  Modifications to IEEE 802.11 e to solve Starvation Problem: Using EDCA parameters achieved better performance of IEEE 802.11 e and prevents starvation of low priority traffic from high priority traffic.

- **B. Tech:**

  Remote Desktop Controller: It is a client server software package allowing remote network access to graphical desktop. This software enables to get a view of the remote machine desktop and control it with local mouse and keyboard.

PUBLICATIONS: 06

1.P. Vijaya Kumari , P. Chenna Reddy, "Performance Evaluation of IEEE 802.11 e EDCA using Qualnet" International Journal of Computer Applications, *Volume 155/Number 1 (DEC-2016) (ISBN: 973-93-80894-98-4)).* https://www.ijcaonline.org/archives/volume155/number1/26568-2016911883

2. P. Vijaya Kmari , et al "Cloud Storage Auditing by Utilizing Provable Data Possession Method" (April 24, 2018). IADS International Conference on Computing, Communications & Data Engineering (CCODE). Published in SSRN conference Proceedings of Elsevier.
https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3168319

3. P. Vijaya Kmari , et al "Predictive Online News popularity", International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: *2321-9653*, Volume 7 Issue 4, April – 2019.
https://www.ijraset.com/fileserve.php?FID=22015

4. P. Vijaya Kmari , et al " Marine Plastic Debris Detection Using CNN", Sustainable Humanosphere (Scopus Indexed), ISSN: 1880 - 6503, Volume: 16 Issue: 2, May 2020. https://www.rish.kyoto-u.ac.jp/introduction/publication/sustainable_humanosphere

5. P. Vijaya Kmari , et al " Traffic Sign Recognition System " MukthShabdh journals, ISSN NO : 2347-3150, Volume XI, Issue IV, APRIL/2022. https://shabdbooks.com/index.php/volume-11-issue-4-2022/

6. P. Vijaya Kumari, M. Chenna Keshava, C. Narendra, P. Akanksha, and K. Sravani, "Youtube Transcript Summarizer Using Flask and NLP", Journal of Positive School Psychology (SCOPUS INDEXED), ISSN: 2717-7564, Vol. 6, No. 8, PP: 1204-1209, August – 2022. https://journalppw.com/index.php/jpsp/article/view/9886/6457

INTERNATIONAL CONFERENCES: 02

1. Participated in IADS International Conference on Computing, Communications & Data Engineering (CCODE-2018): "Cloud Storage Auditing by Utilizing Provable Data Possession Method " at Padmavathi mahila university, Tirupati during Feb 7,8.

2. Participated in International conference on Advances in Signal processing, Power, Embedded soft computing communications and control systems "Modifications to IEEE 802.11 e to solve starvation Problem" during 11 th,12 th January 2019 Kurnool.

PATENTS PUBLISHED: 01
1. **P. Vijaya Kumari et.al** "Railway Track Monitoring Approach To Detect The Breakage Of Track And Obstacle Detection Using Gsm", India The Patent Office Journal Dated16/09/2022,Application No. 202241023925 A . Link: **https://search.ipindia.gov.in/IPOJournal/Journal/Patent**

MEMBERSHIPS OF PROFESSIONAL BODIES:

- Web of Science Id: **Research id:HGF-3265-2022.**
- Vidwan **Id:320189**
- Member of International Association of Engineers (**IAENG**) – 266011.**.**
- Member of universal Association of Computer and Electronics Engineers (**UACEE**) or the Institute of Research Engineers and Doctors (IRED) – **AM 101000582008.**
- Member of ORCID identifier is **0000-0002-367-5059**.
- Member of Computer Science Teachers Association (**CSTA**) – 198358007321, Renewal Date : June 13 2024**.**

ONLINE COURSES COMPLETED:

1. Completed Online Course **"Data Structures and Algorithms",** under APSSDC and collaborating with University of Californiya at JNTUA College of Engineering(Autonomus);Pulivendula during May 17th to July 5th,2018.
2. Completed Online Course **"Applied Data Science With Python",** under APSSDC and collaborating with University of Californiya at JNTUA College of Engineering(Autonomus); Pulivendula during May 24th to June 21st,2018.
3. Completed Online Course **"Python for Everybody",** under APSSDC and collaborating with University of Michigan at JNTUA College of Engineering(Autonomus), Pulivendula during July 1st to July 28th,2018.

4. Completed NPTEL Online Certification Course on **"Database Management System "** by Indian Institute of

Technology, Kharagpur, Feb-Apr 2019(8 Week Course).

5. Completed NPTEL Online Certification Course on **"Compiler Design"** by Indian Institute of Technology, Kharagpur, Jan-Apr 2019(12 Week Course).

6. Completed online Microsoft Certified course on **"Database Administration Fundamentals",** June25th 2022

7. Completed online IBM Certified course on "Python for Data science", July 12,2022.

8. Completed online Microsoft Certified course on **"Azure AI Fundamentals",** October 26th 2022

9. Completed online Microsoft Certified course on **"Power BI Data Analyst Associate",** April 10th 2023.

10. Completed NPTEL Online Certification Course on **"Fundamentals of Artificial Intelligence"** by Indian Institute of Technology, Guwahati, Jul-Oct 2023(12 Week Course)

11. Completed NPTEL Online Certification Course on **"Deep Learning"** by Indian Institute of Technology, Kharagpur, Jan-Apr 2023(12 Week Course).

FDP/ WORKSHOPS : .
2022-2023
1. Completed NPTEL-AICTE Online FDP Certification course on **"Deep Learning"** with by Indian Institute of Technology, Roorkee, Jan-April 2023(12 Week Course).

2. Completed NPTEL Online Certification Course on **"Fundamentals of Artificial Intelligence"** by Indian Institute of Technology, Guwahati, Jul-Oct 2023.

3. One week International Level Workshop on "**Opportunities and Challenges in IT Sector: Unlock Your Potential**" by Department of Electrical & Electronics Engineering in Association with Department of Emerging Technologies in Computer Science and Microcare Academy, Kurnool from 6th to 11th March 2023.

4. A One week Online FDP on "**Machine Learning in Big Data Analytics, Principles, Techniques and Challenges**", organized by Narasimha Reddy Engineering College, Secunderabad from 13-02-2023 to 18-02-2023

5. Participated in a Five-day National Level online FDP on "**Empirical Data Science and Its Implications**" organized by Dept. of Computer Science and Engineering (Data Science), SRIT, Ananthapuramu in association with ShreeTech Innovative IT R&D, Madurai held from 03rd to 07th January 2023.

6. A Five-day National Level online FDP on "**Data science and Machine Learning using Python**" by MIT Meerut and Edunet Foundation from4 th July to th July 2022.

2021-2022
7. A One week AICTE-ISTE approved Orientation/Refresher program on "**Business Intelligence & Big Data Analytics**", Organized by S.V College of Engineering, Tirupati from 09-12-2021 to 15-12-2021.

8. A Five-day National Level online FDP on "**Artificial Intelligence**" by Dept of CSE JNTUA CE and Director of Faculty Development JNT University,Anantapur from 24 th to 28 th August 2021.

2020-2021
9. AICTE –AQIS Sponsored Six Days Online Short Term Training Program on "**Sensor Networks, Internet of Things and Internet of Everything**" organized by Department of Computer Science and Engineering from 03rdto 08thMay, 2021.

10.

11. A Five-day AICTE-ISTE approved Orientation/Refresher Programme on *"Machine Learning for All"* held during organized by KSRM College of Engineering, Kadapa, Andhra Pradesh, from **05.04.2021** to **10.04.2021.**

12. A one day national summit on "**Cyber Security: Issue of concern for Business Challenges Opportunities & Remedies**", Organized by Institute of Technology & Science, Ghaziabad on 20-03-2021 .

13. Two week FDP on" Enterprenuership" by APSSDC and sponsored by Department of Science and Technology(GOVT of INDIA) 15-03-2021 to 27-03-2021.

14. A One week AICTE-ISTE approved Orientation/Refresher program on   "**Machine Learning Using R Program"** by Jyothirmayi Institute of Technology and science,Nustulapur,Karimnagar,Telangana from 04-03-2021 to 10-03-2021.

15. A One week AICTE sponsored Online Short-Term Training Program on "**Developing Cyber Security Models Using Statistical & Deep Learning**", Organized by Vishnu Institute of Technology, Bhimavaram from 22-02-2021 to 27-02-2021

16. A Two week Online FDP on "**Recent Trends in IoT Using Embedded Systems**", Organized by MGIT Hyderabad in collaboration with AICTE from 01-02-2021 to 13-02-2021.

17. A One Day Workshop on "**Design Thinking**", organized by Skill Development Center, JNT University Anantapur, Anantapuramu and powered by IBM on 01-27-2021

18. A One week Online FDP on "**Frugal Innovations and Social Entrepreneurship**", organized by National Institute of Technology, Mizoram, in collaboration with AICTE from 25-01-2021 to 30-01-2021.

19. AICTE sponsored two week FDP on " Opportunities in Artificial Intelligence and enabling Technologies of IOT" Dept of CSE JNT University, Anantapur from 17 -28 November 2020.

20. A One week AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Augmented Reality (AR)/ Virtual Reality (VR**)" at **Guru Nanak Dev Engineering College, Ludhiana**, from **23-11-2020** to **27-11-2020.**

21. A One week AICTE sponsored online short term training program on "**Machine Learning and Deep Learning Techniques for AI Problems using PYTHON**", Organized by VNRVJIET, Hyderabad from 16-11-2020 to 21-11-2020.

22. A One week Online FDP on "**Quantum Computing and Machine Learning**", Organized by JNTUACE, Pulivendula from 30-11-2020 to 05-12-2020

23. A One week AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Design thinking**" at **College of Engineering Trivandrum**, from **7-9-2020** to **11-09-2020.**

24. A Five day National level FDP on" Computer Networks Simulations using NS 2" by MGIT in association with TASK from 10 to 14 August 2020.

25. Participated in World's largest Hands-On workshop on Dart programming language organized by Computer Science and Engineering Department of JNTUA College of Engineering Pulivendula in association with Brainovision Solutions India Pvt. Ltd. held on 27/07/2020

26. A Five-day National Level **Faculty Development Program** on **Block Chain Technology** held by APSSDC from July 13th, 2020 To July 17th, 2020

27. A Two week Online Training Program on "**Information Security Analyst training program**", Organized by APSSDC from 15-06-2020 to 27-06-2020.

28. A One week Faculty Development Program on **"Data Science"** sanctioned by AICTE Training and Learning Academy (ATAL) at JNTUA College of Engineering, Pulivendula, from 26-05-2020 to 30-05-2020.

29. A One week Online Faculty Development Program on **"Blockchain"** sanctioned by AICTE Training and Learning Academy (ATAL) at JNTUA College of Engineering, Pulivendula., from 20-04-2020 to 24-04-2020.

30. A One week Faculty Development Program on "**Artificial Intelligence**" sanctioned by AICTE Training and Learning Academy (ATAL) at JNTUA College of Engineering, Pulivendula, from 02-12-2019 to 06-12-2019.

31. Completed NPTEL Online Certification Course on **"Compiler Design"** by Indian Institute of Technology, Kharagpur, Jan-Apr 2019(12 Week Course).

32. Completed NPTEL Online Certification Course on **"Database Management System "** by Indian Institute of Technology, Kharagpur, Feb-Apr 2019.

33. One Day Awareness Program on **"NPTEL Workshop",** Conducted on 15th Dec by IIT Madras at CSE Dept, JNTUA College of Engineering(Autonomus); Pulivendula during 15th Dec 2018.

Webinars Attended:

- National Webinar on *"Role of Digital Scholarship and Digital Humanities in Knowledge World"* organized by Library Division, Social Development Federation, Agra, on Saturday, 10th July 2021.

- One Day International Webinar on "**Instructional Strategies for English Language Teaching**" Organised by the Department of English of KVR &MVR college of Khajipalem On 26th March 2021 .

- One Day International Webinar on **"Malicious websites and safe browsing habits"**, jointly organized by NSS Wing, Faculty of Engineering and Technology, JAIN (Deemed-to-be University), Bangalore, on 26th March 2021.

- Webinar on, **"Different Cyber Frauds and Social Media Usage"**, organized by National Service Scheme Cell, Faculty of Engineering and Technology, JAIN (Deemed-to-be University), Bangalore, on 22nd March 2021.

- One Day International Webinar on "**Cyber Security: Issue of concern for Business Challenges Opportunities & Remedies**", Organized by Institute of Technology & Science, Ghaziabad on 20-03-2021.

- One Day International Webinar on" Impact of Covid-19 on the "**Boosting Immunity through Holistic health care an Interactive session with youth**" by LEAD India Foundation in association with JNTUA Anantapur and World book of Records on 08-11-2020.

- One Day International Live Web Conference on "**Human Values Depicted in Literature**" organized by the Department of English (UG, PG) & IQAC Jagarlamudi Kuppuswamy Choudary College(Autonomous), Guntur, AP on 6th October 2020.
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- One Day International Webinar sponsored by TEQIP-III on "**National Education Policy**" Organized by Department of CSE ,JNTUA Anantapur On 19-09- 2020.

- A one day International Webinar and FDP on" **Strategies to write Good Research Article Part-II**" by Manipal Academy of Higher Education on 13-09-2020.

- One Day International Webinar on" Impact of Covid-19 on the "**Transforming the future of Education: The role of Teachers, Students and Parents**" by LEAD India Foundation on 05-09-2020.

- One Day International Webinar on "**Demystifying the New education Policy**" Organized by LEAD India Foundation On 8-08- 2020.
- One Day International Webinar on "**Culture and Politics**" Organized by IDLE college of Arts and Science , Kuttiadi On 8-08- 2020.

- One Day International Webinar on" **Impact of Covid-19 on the Development of Rural economy and Opportunities**" by LEAD India Foundation and JNTUA Anantapur on 27-07-2020.

PERSONAL PROFILE:

Name	:	P. VIJAYA KUMARI
Father's Name	:	P. SUDHAKAR
Date of Birth	:	06.05.1990
Gender	:	Female
Marital Status	:	Married
Nationality	:	Indian
Permanent Address	:	2-5-152,
		Ahobilapuram(st),
		Pulivendula,
		YSR (Dist),
		Andhra Pradesh,
		Pin: 516390

DECLARATION:

I here by declare that the above said particulars are true to the best of my knowledge and I bear responsibility if any of the above information is wrong.

Place :

Date :

(P. VIJAYA KUMARI)