

**Name** : **K. Jhansi**  
**Designation** : **Assistant Professor**  
**Department** : **Computer Science and Engineering**  
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**Experience (in years): Teaching:05 Research: Others (If any, Specify):**

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	AMIETE	2011	Computer Science
2	M. Tech	2015	Software Engineering
3	Pursuing Ph.D.	2020 Registered	Data Science

### 2. Teaching and Learning:

2.1. Teaching Interests: C , DS, C++, Java, Operating System, Java, R programming , Python and Machine Learning.

2.2. Novel Teaching & Learning Techniques adopted:

Flipped class room, Think Pair Share, POGIL, Project based learning

2.3. Involvement in curriculum updating / Design: ADS through C++ theory and lab , C programming , CP Lab, Data Structures , Data Structures lab.

2.4. Involvement in curriculum design for the courses JAVA , JAVA Lab, SM Lab for CSBS

#### 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 II CSBS , III CSBS and IV CSBS towards academic performance, career counseling and training

3.5. Committees involved in:

Department level: NBA , Counseling and Conducting remedial classes , NAAC

Institute Level: Autonomous , CSBS Coordinator

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

4.1 Conducted:

Skill Upgradation on Open Source Platform (Linux) on 17-05-2013 to 19-05-2013.

4.2 Attended:

- Attended a 5 day workshop on “Data Analytics and Cloud Computing “ organized by ESCI Hyderabad at OU Campus
- Attended 3-day workshop on “Emerging Trends in Social media and Mobile Applications” by Department of CSE on 13-11-2014 to 15-11-2014
- Attended a 3 day work shop on “Network Security and Cyber Forensics” by department of CSE on 23-10-2014 to 25-10-2014
- Attended a FDP on “Big data analytics and Cloud Computing” is conducted by Department of CSE, VNRVJIET on 04-09-2014 to 06-09-2014.
- Attended a FDO on “Data Analytics with R” organized by E&ICT , NIT Warangal at VNRVJIET from 15<sup>th</sup> may to 20<sup>th</sup> May 2017
- Attended an AICTE approved FDP on “Foundation Program in ICT for Education” from 3<sup>rd</sup> August to September 7<sup>th</sup> 2017
- Attended an AICTE approved FDP on “Pedagogy for Online and Blended Teaching-Learning Process” from September 14<sup>th</sup> to October 12<sup>th</sup> 2017
- Attended a one week QIP on “Instructional Design and Delivery System” conducted by NITTTR, Chennai at VNRVJIET from 11<sup>th</sup> to 16<sup>th</sup> December 2017.
- Attended a one week FDP on “ Artificial Intelligence and Deep Learning” from Bennett University from May 04 2020 to May 08 2020
- Attended and got certificate on “ Fundamentals of Deep Learning for Computer Vision” from Nvidia during May 2020
- Attended a FDP on “Python for Machine Learning” organized by CSE, VNRVJIET during 18<sup>th</sup> May 2020 to 23<sup>rd</sup> May 2020
- Attended a one week professional development programme on “Mathematics for Data Science” organized by CSE, VNR VJIET during 26<sup>th</sup> October 2020 to 31<sup>st</sup> October 2020
- Attended a FDP on “ Recent Advancements in Machine Learning and Deep Learning” organized by the department of CSE , VNR VJIET during 26<sup>th</sup> April 2021 to 30<sup>th</sup> April 2020
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing (NLP) Applications " from 22/11/2021 to 26/11/2021 at VNR VJIET.
- participated in One-week Online STTP on "**Covid-19 Data Analysis with Deep Learning**" held from **08/11/2021 to 15/11/2021** jointly organized by AICTE, New Delhi and Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, T.S., India
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- Completed Successfully NPTEL-AICTE FDP on “NBA Accreditation and Teaching and Learning in Engineering (NATE) with a consolidated score of 75% during Jan 2022 to April 2022.
- Participated One week FDP on “Data Visualization for Deep Learning Using Power BI and Tableau” Conducted by Dept. of CSE , NIT Warangal and Dept. of IT , VNR VJIET during 23-02-2023 to 28-02-2023
- Participated One week FDP on “Recent Trends in Cognitive Science and its Applications “ organized ny Department of CSE, VNRVJIET in collaboration with Vikram University , Oriental UniversitySOC, IPS Academy, Indore during 13-03-2023 to 18-03-2023
- Competed Introduction to Machine Learning course from NPTEL

## 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 : 14
- b) PG : NIL

5.5. Research Interests: IOT, Cloud Computing , Data Science

5.6. Ph.D students:

- a) Enrolled:
- b) Submitted:
- c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1.	<b>NTL DETECTION OF ELECTRICITY THEFT - An Analysis Carried out using Statistical and Data Mining Technique</b>	ICICSIT /	International	28 <sup>th</sup> & 29 <sup>th</sup> August'2015
2.	A Model for NTL Detection of Electricity Theft	<b>International Journal of Engineering &amp; Technology</b>	International	9 <sup>th</sup> to 10 <sup>th</sup> March 2018
3.	ASISTENCIA – An AI Attendance Marking System	<b>JETIR June 2019</b>	National	June 2019
4.	Book Chapter on “ A survey on Real Time Automated System” published in “The book proceedings of ICACECS August 2020	<b>ICACECS August 2010</b>	International	August 2019
6.	Presented a paper on “Virtual Lab Environment for Programming using Mean Stack” ICSSIT 2022,IEEE conference organized by Francis Xavier Engineering college , Tirunelveli , India	<b>ICSSIT January 2022</b>	International	January 2022
7.	Lyric Based Multilingual Music Genre Classification	<b>IJSER , Vol 13, Issue 12, December 2022</b> ISSN 2229-5518	International	December 2022

**1. Patent Title : CRITICAL PATIENTS MONITORING DEVICE: CRITICAL PATIENTS MONITORING USING MACHINE LEARNING FEATURE SELECTION TECHNIQUE**

**Applied/Published/Granted: Published**

**Application No.: 202041023578 A**

**Patent Journal Details:** The Patent Office Journal No. 24/2020 Dated 12/06/2020

**Patent Title: Virtual Mom Responsive Baby Monitoring Toy**

**Applied/Published/Granted: Published**

**Application No.: 202141020965**

**Date of Publications : 11th June 2021.**

**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:**

- Top performer from NPTEL for Problem solving through Programming in C
- Top performing mentor from NPTEL for Problem solving through Programming in C
- Received **“Certificate of Excellence” for two-week FDP on “Foundation Program in ICT for Education”** organized by PMMMNMSTT , MHRD

**7. Motto:**

- **To become good academician.**
- **To become a good researcher**