Name   : **MANOJ KUMAR VEMULA**
Designation : **Asst. Professor**

Department : **Information Technology**

Mail.ID   : **manojkumar_v@vnrvjiet.in**

Experience (in years): Teaching: **10 Years**   Research: Others (If any, Specify):

JNTUH FACULTY ID: **48150407-113020**

AICTE ID: **11435337333**

Date of Birth: **26-09-1987**

1. **Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	Pursuing	Computer Science
2	M.Tech	2011	Computer Science
3	B.Tech	2009	Information Technology

2.   **Teaching and Learning:**

2.1. **Teaching Interests**:

- ➢ C Programming
- ➢ Python Programming
- ➢ Java Programming
- ➢ Data Structures
- ➢ Computer Networks
- ➢ Operating Systems
- ➢ Network Security
- ➢ Data Communications and Computer Networks

2.2. Novel Teaching & Learning Techniques adopted: NPTL Videos, Audio Visual PPTs, Black Board,

- • **Involvement in curriculum updating / Design**: Updating Under Graduate Syllabus

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading Books.

3.2. CCA/ECA Organized : NA

3.3. CCA/ECA participated: NA

3.4. Counseling and Mentoring Activity: Counselling and Mentor for 1st B.Tech students

3.5. Committees involved in:

Department level:1. Faculty workshops attended

Institute Level: Campus Network Control Center Coordinator.

CISCO Networking Academy (NetAcad) SPOC and Instructor

4. Conference / Workshop / Seminar / Guest Lectures:

.1   Conducted: 2

.2   Attended:

Workshops attended:

- Undergone the training in the subject **Research Methodologies and Preparation of Research Proposals** on 24th Jan 2015 at CMR Technical Campus, Kandlakoya , Hyderabad, India.

- Three days orientation program on **NS2 Network Simulator**, 12th-13th Nov 2013, at Malla Reddy College of Engineering and Technology Hyderabad.

- One Week Faculty Development Programme on "Optimization of Process Parameters by Linear Regression using MATLAB- Research Focus", during 13th - 18th May 2019 organized by CMR Technical Campus, Hyderabad.

- One Week FDP on "Artificial Intelligence and Machine Learning", during 29th April - 04th May 2019 organized by GRIET, Hyderabad in association with Clove Technologies.

- Two-Day FDP on "Cyber Security" on 26th & 27th April 2019 at B.V.Raju Institute of Technology, Greater Hyderabad.

- One Week FDP on "Data Analytics and Machine Learning using Python, R Programming, Tableau, SPSS", during 11th - 16th February 2019 organized by Geethanjali College of Engineering and Technology, Keesara in association with CSI, ISTE, IEEE.

- One Week National Level Faculty Development Programme on "Machine Learning through Mathematical Modeling Supported with Python & R-Soft", during 02nd - 07th July 2018 organized by Mahatma Gandhi institute of Technology, Hyderabad in association with E & ICT Academy, National Institute of Technology Warangal.

- One Week National level FDP on "Machine Learning using Python & R Programming", during 08.07.2019 to 13.07.2019 organized by Narasimha Reddy Engineering College, Hyderabad.

- TWO Week National level FDP on "Data Science & Analytics" during 9th Dec-21st Dec - in Association with Special Interest Group on Big Data Analytics, CSI, Hyderabad.

- One Week FDP on "Internet of Things-Architecture, Applications and Research Challenges", during 18th-23rd November Under JNTUH/TEQIP-II Collaborative Research Project Scheme, Sreenidhi Institute of Science & Technology.

- One Week FDP on" Python Programming" during 1st July to 6th July with Web Tek Labs Pvt. Ltd.

- Three Day FDP on "Data Science" during 24-26th July 2019-Royal College of Engineering & Technology.

- One Week FDP on "IOT with Raspberry Pi" During 24th-29th June 2019 in Association with Web Cognize Softech Pvt Ltd, Hyderabad.

- 5Day Online STTP on "Recent Trends and Applications of Machine Learning and Deep Learning in IT" during 25th May 2020 to 29th May 2020 organized by RAIT,Navi Mumbai

- 5 Day Online FDP on "Big Data Engineering" during 1st June to 5th June 2020 Organized by KINGS Engineering College.

- 5 Day Online FDP on "Big Data Engineering "during 1st June to 5th June 2020 Organized by KINGS Engineering College.

- 5Day Online FDP on "PHP and MySQL" during 11th May to 15th May organized by Vellor Institute of Technology.

- 5Day Online STTP on "Recent Trends and Applications of Machine Learning and Deep Learning in IT" during 25th May to 29th May 2020.

- Webinar on "Research Data Management for Higher Education Institutions" held on 12th May 2020.

- Three Day FDP on "HADOOP AND MACHINE LEARNING "during 18th May to 20th May 2020.

- "A Webinar on Virtual Classroom Management using Microsoft Team" on 11th May 2020.

- "Awareness Program on Intellectual Property Rights: held on 15th May 2020 organized by Shri Chhatrapati Shivajiraje College.

- 4 Day Online FDP on "Data Science and Machine Learning using python" during 20th April to 23rd April 2020 organized by KLU.

- "A Webinar on Examination reforms of complement OBE requirements" held on 24th April 2020

- 5 Day FDP on "Artificial Intelligence and Machine Learning "during 18th May 2020 to 22 May 2020 organized by CMR.

- 1-week FDP on "Block chain "during 21st April to 28th April 2020 organized by IIT Roorkee.

- 1 Week FDP on "Learning Management Systems" during 9th May to 15th May 2020 conducted by D.N.Patel College of Engineering.

- 3 Day FDP on "Machine Learning and Artificial Intelligence "organized by Andhra Loyola Institute of Engineering & Technology.

- 5 Day FDP on "Artificial Intelligence" during 22nd May to 26th May 2020 organized by Sri C.R. Reddy College.

- Online FDP on "Machine Learning" held o 3rd May 2020 organized by Sphoorthy Engineering College.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

- ➤ Delivered Expert Hands-on Session on Python Programming at KITS Engineering College.
- ➤ Delivered Expert Hands-on Session on Joy of Python Programming at KSR Engineering College-TAMILNADU

5.2. Articles / Chapters published in Books   NIL

5.3. Books published as single author or as editor NIL

5.4. Projects Guided:4

5.5. Research Interests: Networking, Cloud computing, Machine learning

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 Name Vol.No. PP	ISBN/ISSN No.	National/ International
1	**An Enhanced Earthquake Prediction Model Using Long Short-Term Memory**	TJCME	Vol.12 no.14(2021) 2397-2403	International
2	**Uncharacteristic Behavior of User and its impact on social Networks -Recent Trends in Parallel Computing**		2393-8749	International
3.	**An Efficient Performance Analysis of IEEE 802.11 in Multi-Hop Wireless Local Area Network**	IJAERD	ISSN -2348-4470	International
4.	**An Overview On Information Retrieval From Web Using Clustering Process**	IJEIT	ISSN: 2277-3754	International

5.	**Comparative Analysis Of Anomaly Based Intrusion Detection System In Multi-Tire Web Application**	IJETTCS	ISSN 2278-6856	International
6.	**Spatial Data Mining Evaluation Of Visible Nearest Neighbour Query**	IJCST	VOL.2, ISSUE 2	International

5.8. Papers presented at National / International Journals: NA

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:

➢ Successfully Completed s Course on "Computer Programming Using C" during Jul-Sep 2019 with Silver Certificate.

➢ Successfully Completed a Course on "Data Science Using Python" during Jan-Apr 2019 with Silver Certificate.

➢ Successfully Completed a Course on "Computer Networks and IP Protocol" 2021 with Silver Certificate

➢ **CISCO CCNA Certified** -Introduction to Networks **Instructor Level** Certification

7. Motto: Upgrade skill set