***CURRICULUM VITAE OF DR.D.V.MANJULA***

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***Objective***

To pursue a versatile and goal oriented career in my specialized area using my skills for the development of the organization and grow myself along with the organization.

***Educational Qualification****:*

* **Ph.D** - Part Time [Area of research- Data Mining & Machine Learning] in JNTUK , Kakinada in , 2021.
* Mater of Technology in computer science and engineering \*\* Full time from JNTUK(2008-2010) at Aditya College of Engineering, Surampalem, AP, Percentage-79%.
* Master of Computer applications \*\*Full Time (1993--1996) Percentage-73% from Andhra University at St.Theresa PG College , Eluru,W.G.dt., AP
* BSc[Electronics]- Full Time (1990--1993) Percentage-74% from Andhra University at SCIM Government College, Tanuku, W,G,Dt., AP
* Intermediate[MPC]- Full Time (1988-1990), Percentage-54% from SCIM Government College, Tanuku, W.G.Dt., AP
* SSC- 1988, Percentage 79% at S.M.L.P.G.H SCHOOL, Tanuku, W.G.Dt., AP

***Experience :***

* Worked as a Assistant Professor in Computer Science Department from June

1998 to June 2007 at Rajiv Gandhi Institute Of PG Studies, Kakinada

* Worked as a Assistant Professor in Computer Science Department from June 2007 to June 2009 at ADitya PG College, Kakinada
* Worked as a Assistant Professor in Computer Science Department from June 2009 to June 2018 at KIET engineering college, Kakinada\*\* Ratified as Associate professor in JNTUK in 2011.
* Worked as a Associate Professor in Computer Science and Engineering Department from June 2018 to 2022 'February at AIMS engineering college, Mummidivaram.
* Working as a Head and Associate Professor in Computer Science and Engineering Department from June 2022' February to till date at Pragati Engineering College(A),Surampalem, E.G.Dt.,AP,India

Subjects Taught :

* Data Warehouse and Data Mining
* Artificial Intelligence
* Machine Learning
* Deep Learning
* Data Structures
* Operating Systems, Unix OS
* Software project management
* Formal languages and Automata Theory
* Compiler Design
* C programming

**Levels Taught** : MTech, MCA,MBA, BTech, BCA

***Conferences Attended :12***

***Workshops Attended :15***

***Trained courses: 10***

* Machine learning
* Deep Learning
* Python Programming
* Introduction to HTML
* Neural networks and Deep learning
* Introduction to MATLAB
* AI for Everyone
* Python for Data science & AI
* Structuring Machine learning projects

***FDP's Participated : 12***

***Projects handled :***  *BTech -20, MTech-10 projects*

***Papers published : 10***

***Recently published***

1. Manjula Devarakonda Venkata,SumalathaLingamgunta, “Triple-Modality Breast Cancer Diagnosis and Analysis in middle aged women by Logistic Regression”, in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-4, February 2019. ***Scopus Indexed free Journal:*** *Impact factor: 0.10, ISSN: 2278-3075*
2. Manjula Devarakonda Venkata, SumalathaLingamgunta, “Breast Cancer Multi Modality Image Analysis Using Pheneotype features by SVM”, Journal of Science and Technology (JST),Volume-7 Issue-6S2, April 2019(Free Journal). *Double blinded peer reviewed free Journal: Impact Factor: 3.015, ISSN: 2277-3878.*
3. ManjulaDevarakondaVenkata, SumalathaLingamgunta, “Statistical And Texture Features Based Breast Cancer Classification From Multi Image Modalities Using Support Vector Machines With Gaussian Radial Basis Function ", International Journal of Control and Automation(IJCA),Vol. 13, No.1, (2020). *Scopus indexed free Journal: Impact factor: 0.1,ISSN: 2005-4297.*
4. Manjula Devarakonda Venkata, Sumalatha Lingamgunta, “Breast mass diagnosis in Magnetic Resonance Images using AlexNet “ , International Journal for Modern Trends in Science and Technology (IJMTST), Vol.7 isuue2 (2021), Peer reviewed Free Journal, Impact Factor: 5.880, UGC ID: 43137 ISSN: 2455-3778
5. Manjula Devarakonda Venkata, Sumalatha Lingamgunta, "A Convolution Neural Network based MRI Breast mass diagnosis using Zernike Moments",got acceptance in the month of July’2021 in Material Today:Processings , international Scopus indexed Elsevier journal
6. Manjula Devarakonda Venkata,, Sumalatha Lingamgunta, K Murali "Health Care Automation in Compliance to Industry 4.0 Standards: A Case Study of Liver Disease Prediction"- Journal of Scientific & Industrial Research Vol. 82, February 2023, pp. 263-268 DOI: 10.56042/jsir.v82i2.70215.

***Book chapters Published:4***

***1)*** 1. D.V.Manjula et al.,"Cyber Security Attack case Studies , Lessons learned", book chapter accepted in book " Cybersecurity for Decision makers" as 5th chapter in Routledge .Taylor and FrancisGroup:https://www.routledge.com/Cybersecurity-for-Decision-Makers/Vajjhala- Strang/ p/ book/9781032334974

2) Manjula Devarakonda Venkata, Sumalatha Lingamgunta, "Effective Feature Extraction For Early Recognition And Classification Of Triple Modality Breast Cancer Images Using Logistic Regression " accepted in the book titled as "Medical Data Analysis And Processing Using Artificial Intelligence"( Chapter 9) Taylor & Francis group, CRC press , yet to publish.

3.ManjulaDevarakonda Venkata , D Sirisha,”Artificial Intelligence based E Learning Trends” published in book titled as”Innovation of Multidisciplinary Research in Present and Future Time (Volume-3)(Chapter 5)Published by The Hill Publication.

4.Manjula Devarakonda Venkata et. al.,Personalized recognition system in online shopping by using deep learning accepted in the book titled as “Computational and Characterization Techniques in Engineering and Sciences”

***Funded Projects-1***

Dr.A.Radha krishna Dr.D.V.Manjula - "Demonstration and Popularization of Science through Exhibits, Models and Awareness for the Tribal Government school students of East Godavari District, Andhra Pradesh. (TPN / 81687)- (STEMM) –India Initiative” *(Bharat Vigyan Darshan-DST* Ongoing project

***Patents Published:3***

**1.** IRRIGATION SYSTEM AND METHOD THEREOF- Indian Patent -Published in 2020- Application number - 202041017193 dated 21/04/2020-

***2.*** 4- LAYERED IOT ARCHITECTURE FOR HYPERLEDGER-FABRIC BLOCKCHAIN BASED SELF-MANAGED VEHICLE AD-HOC NETWORKS (VANET)- Australian Patent published in 2020- Application number- 2020101611

3.’VITAMIN-D FACILITATOR’,-INDIAN DESIGN PATENT PUBLISHED IN 30/6/2023- APPLICATION NUMBER-202341040654A

**Other information**

* Recently got prize in INNOVATION fair in project expo "AI BASED D-VITAMIN NFECILATATOR' organized by JNTUK in 27th-28th december-2022
* Completed AWS certification course as educator in AML In the month of November'2022
* Guest lecture on " Conversational AI- Chatbot Application", in P.R.Degree college(A), Kakinada on 2/5/2022

***Positions Held:***

* Conducted National workshop as coordinator in KIET
* Conducted NPTEL workshop in KIET
* Conducted Cultural day in JNTUK
* Conducted women's day twice in KIET
* Conducted workshop as part of CSI chapter in KIET
* CSI member
* Mentor For APSWR school, Yeleswaram for ATAL Tinkering Lab from 3 years
* Coordinator for International conference conducted in AIMS college of Engineering
* Admission Coordinator
* Placement Officer
* Course-era Coordinator in AIMS college during lockdown period in 2020
* Conducted on-line quiz on Python
* Conducted webinar on Machine learning techniques
* Head of the Department from 20 years
* Vice Principal from 3 years In AIMS engineering college
* Acted as Principal from 1 year in AIMS Engineering college
* Head of the Department for CSE in Pragtati Engineering College

***Personal Profile:***

Name : Devarakonda Venkata Manjula

Father's Name : D.Sitaram

Date of Birth : 17-11-1972

Gender : Female

Marital status : Single

Languages Known : Telugu, English,Hindi,Tamil

Nationality : Indian

Address **:**  59-8-38/12, Meka Narayanamma Thota, Ghati center

I hereby, declare that the information furnished above is true to the best of my knowledge and belief.

(Dr.D.V.Manjula)

Place: Kakinada

Date: