<u>RESUME</u>

D.Gowtami Annapurna
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CAREER FOCUS
To be associated with progressive organization that gives me scope to update my knowledge and skills in accordance with latest trends and be a part of team and dynamically work towards growth of organization with sincerity and determination and gain satisfaction.

PROFESSIONAL STRENGTHS
▫ Good Communication & teaching skills.
▫ Ability to maintain a positive attitude in facing the challenges in work assignments.

EXPERIENCE
1.Working as Assistant Professor in CSE department in GVP College Of Engineering for Women since 07-07-2016 .
2.Worked as Assistant Professor in A.K.R.G.College Of Engineering & Technology, Nallajerla for 3 years during 2009-2012

SUBJECTS TAUGHT
Database Management Systems
Object Oriented Programming Through C++
C Programming
Computer Organization
Formal Languages & Automata Theory
Data Structures
Operating Systems
Data Warehousing & Data Mining
Machine Learning

INTERESTED SUBJECTS
Artificial Intelligence
Deep learning
Natural Language Processing

SOFTWARE SKILLS

Operating Systems	Windows, UNIX
RDBMS	Oracle 10G, SQL, MS-Access
Programming Languages	C, C++, JAVA
Packages	MS-Office
Area of Interest	Data Mining, Machine Learning

EDUCATION

Course	Institution / University	Place	Year	Aggregate
M.Tech	JNTUK	Godavari Institute Of Engineering & Technology, Rajahmundry	2011-2013	80.6%
B.Tech	JNTUK	Sri Vasavi Engineering College, Tadepalligudem	2005-2009	70.35%
Intermediate	Board Of Intermediate Education	Pragathi Jr College, Tanuku	2003-2005	89.8%
S.S.C	Board Of Secondary Education	Z.P.High School, Tanuku	2002-2003	89.9%

WORKSHOPS /FDPS/ONLINE COURSES/CONFERENCES

1.Attended the Three day National worshop on "BIOLOGICAL INSPIRED COMPUTING & APPLICATIONS" conducted by GVPCEW, Visakhapatnam sponsored by DST, India.

2.Attended the Three day National workshop on "Cryptology & Cyber Security" conducted by GVPCEW, Visakhapatnam sponsored by CRSI,Kolkota.

3.Attended the Faculty Development Program "Teach The Teachers-Python & Algorithms "organized by Gayathri Vidyaparishad College of Engineering(Autonomous).

4. Attended the Faculty Development Program "Data Analytics Using R" organized by Gayatri Vidyaparishad College of Engineering for Women.

5.Attended 5-Day National Level Online Faculty Development Program on Artificial Intelligence organized by Sridevi Women's Engineering College from 22 May-26 May

6.Participated in Machine Learning e-workshop by Brainovision during 27 th May 2020

6.Attended the webinar on Cryptography & Network Security organized by GayatriVidyaparishad College of Engineering for Women.
on June 4 2020

7.Attended a 5 day National Workshop on "Applications of Image Processing and Machine Learning" Organized by Gayatri VidyaParishad College of Engineering for Women from 22-26 June 2020

6.Completed online course Data Science A-Z ^{TM} :Real Life Data Science Exercises Included on June 26,2020

7. Attended One Week online National FDP ON "MATHEMATICAL ELEMENTS IN ENGINEERING & APPLIED SCIENCES" FROM 21-07-20 TO 25-07-20

8. Attended 15 days online FDP programme on "Data Science & its Applications in STEM" conducted by Andhra University, JNTUK in association with APSCHE from 7-21 SEP 2020

9.Participated in online FDP program on "Advanced Python for Enterprise Applications" conducted by JNTUK from 10-15 June 2020.

10.Attended a webinar on "OUTCOME BASED EDUCATION SOFTWARE" organized by vmedulife software services on 28 May 2020

11.Attended a One Day National Level Webinar on "Electronic Resources & their Use in COVID-19 Environment" organized by Department of Library & Information Science,Govt Degree College, Ravalapalem on 21-09-20

12.Presented a paper on CUSTOMER SEGMENTATION IN RETAILING INDUSTRY USING MACHINE LEARNING in "IEEE 2023 8th International Conference for Convergence in Technology (I2CT),Pune,(7-9 April) Maharashtra.

13.Presented a paper on Detection of Network Layer Attacks in Wireless Sensor Network in "International Conference on Recent Innovations in Science,Engineering and Technology(ICRISET-2023) Conducted by VIGNAN's INSTITUTE OF ENGINEERING FOR WOMEN,VISAKHAPATNAM"

14.Presented a paper on Comparative Study of Classifiers for Monitoring fake reviews using Opinion Mining in "A Two –Day National Conference on Recent Advances in Science and

Engineering (RAiSE) – 2023" conducted by GVP College of Engineering for Women,Visakhapatnam.

ONLINE CERITIFICATIONS

1.NPTEL certification on Cloud Computing

2.NPTEL "ELITE" certification on Database Management Systems

3.Certification on Python Programming form Cognitive class.ai

4.APPLY VOLT 5 days online certification program on Artificial Intelligence from 4 may-8 may 2020

5. APPLY VOLT 5 days online certification program on Industrial IOT from 19 may-23 may 2020

B.TECH PROJECTS GUIDED

1.THREE LEVEL PASSWORD AUTHENTICATION SYSTEM: Involves a three level password protection system containing three logins. The first level involves a simple text password login. The next level involves a graphical password combination of RGB buttons. The last level involves image based password where in the user will upload a picture, segment it and give a sequence for those segments.
It is aimed to accomplish higher safety and reliability in authenticating users.

2. GENERATION OF SECURE ONE-TIME PASSWORD BASED ON IMAGE AUTHENTICATION: Substitute the use of text passwords with image passwords using image authentication. Image based authentication is applied for OTP to provide more security for user's personal accounts, along with the username and password providing a valid image for authentication.

3. ANALOMY BASED INTRUSION DETECTION SYSTEM: A security system that monitors computer systems and network traffic and analyzes that traffic for possible hostile attacks originating from outside the organization and also for system misuse or attacks originating from inside the organization

4.GENDER IDENTIFICATION USING FACIAL FEATURES: A system that identifies Gender from facial features .Here the face is detected from the image using Multi-task Cascade Convolution Neural Network (MTCNN) where as the video of the faces are detected using the HaarCascade.

5. CUSTOMER SEGMENTATION IN RETAILING INDUSTRY USING MACHINE LEARNING:A System that segments the customers into groups using RFM Analysis by applying 7 clustering algorithms and comparison of these algorithms is dome to measure their performances.

6. DETECTION OF NETWORK LAYER ATTACKS IN WIRELESS SENSOR NETWORK:A system that detects Wormhole and Sybil attacks using Machine Learning algorithms XGBoost, Adaboost, Random Forest, and KNN

OTHER ACTIVITIES
1.Department NBA work Coordinator, GVPCEW
2.Department Academic Calenders Committee Coordinator,GVPCEW

PROJECT DONE & PUBLISHING

DECOMPOSITIONS FOR LARGE SPARSE TEXT DATA USING SPHERICAL K-MEANS CLUSTERING	
Duration	11 months
Team Size	1
Environment	Java,Swings,JFreeChart
Role	Database Design, Coding, Workflow Documentation,Analysis and Functional Specification, Documentation.

About Project:
Introducing a new clustering algorithm "Spherical K-means clustering algorithm" to overcome the disadvantages of normal K-means clustering algorithm to produce quality clustering for large and sparse text data.

Paper Publishing:
Published paper **"DECOMPOSITIONS FOR LARGE SPARSE TEXT DATA USING SPHERICAL K-MEANS CLUSTERING"** in **"International Journal Of Research Sciences and Advanced Engineering"** in Deepesh Sai Research Center, Hyderabad.

PAPER PUBLICATIONS
1.Gender Identification from Facial Features by D.Gowtami Annapurna,Dantu Lakshmi Pujitha,Dindi Mounika in the International Journal of Innovations in Engineering & Technology(IJIET),http://dx.doi.org/10.21172/ijiet.154.02
2.Customer Segmentation CUSTOMER SEGMENTATION IN RETAILING INDUSTRY USING MACHINE LEARNING in IEEE XPLORE, https://ieeexplore.ieee.org/document/10126155

PERSONAL DETAILS

Name	D.Gowtami Annapurna
Father's Name	V.V.Subbarao
Mother's Name	V.Radha
Date of Birth	05-08-1988
Languages Known	Telugu, English and Hindi
Sex	Female
Nationality	Indian
Marital Status	Married
Current Location	Visakhapatnam
Strengths	Hardworking, learning attitude
Permanent Address	🏠 D.Gowtami Annapurna 49-12-2/4,G3 Raghu Enclave,Lalitha nagar Visakhapatnam

DECLARATION

I hereby confirm that the information given above is true to the best of my knowledge and belief.

Station: Visakhapatnam

Date: 08-08-23   [D.GOWTAMI ANNAPURNA]