

Curriculum Vitae

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Objective:

To seek an intellectual work environment that is diverse, exposed to new technologies, challenging my abilities, skills & knowledge where I can give my best performance for improvement of organization & self by learning new skills & enhancing my knowledge.

Experience:

- Working as an Assistant Professor in GAYATRI VIDYA PARISHAD College of Engineering for WOMEN (GVPCEW) from 14th November 2016 to till date.

Education qualifications:

S.NO	Qualification	University	Year of Passing	Grade / %
1	M.Tech(CST)	Andhra University	2013	8.23 CGPA
2	B.Tech (CSE)	Jawaharlal Nehru Technological University – Kakinada(JNTUK) Pydah College of Engineering	2011	67%
3	Diploma(CME)	State Board of Technical Education Govt. Polytechnic for Women Bheemili	2008	74.69%
4	SSC / 10th	State Board of Secondary Education Bharatiya Vidya Kendram	2005	75.7%

Workshops/ programs attended:

- I. A two day workshop on “**WORLD ENVIRONMENT DAY**” during 4th -5th JUNE 2013, organized by SVP College of Engineering, Visakhapatnam.
- II. A two day workshop on “**DATA MINING AND MACHINE LEARNING**” during 15th -16th February, 2013 organized by the department of CSE, SVP College of Engineering, Visakhapatnam.
- III. Participated in Research in Education Technologies workshop conducted by IIT Bombay on 2nd & 9th February 2013.
- IV. Participated in Aakash in Education workshop conducted by IIT Bombay on November 10th & 11th 2012.

- V. National Seminar on “**CLOUD COMPUTING**” Conducted by Gandhi Institute of Technology and Management (GITAM) during SEP 7th and 8th 2012.
- VI. Two-week ISTE Workshop on “**Introduction to Research Methodologies**” Conducted by Indian Institute of Technology Bombay during 25th JUNE to 4th JULY 2012.
- VII. Attended IBM workshop on IBM DB2 and RAD Tools which has been certified on Feb 13th and 14th 2012.
- VIII. Workshop on “**ETHICAL HACKING**” Conducted by Andhra university college of Engineering at TECHNOGRAIL during SEP 18th and 19th 2010.

Software Proficiency:

Languages : C, C++, JAVA
 Operating Systems : Windows95, Windows 98 & Windows XP
 RDBMS : Oracle, MS-Access
 Web Technologies : HTML, XML

Subjects Taught:

- C Programming
- Data Structures
- Digital Logic Design
- Computer Organization

Strengths:

- I. Curious to learn new concepts.
- II. Easily adaptable to new environment and coping well to organizational challenges.
- III. Trustworthy.

Project/Thesis:

M.Tech - Academic Thesis:

Title : REALIZING SOFTWARE PRODUCT LINES THROUGH OWL-ONTOLOGY
Description :

In domain engineering feature models play a crucial role by providing common and variant concepts. However, feature models slow down the development of domain due to lack of formal semantics and in addition to this **consistency checking** of the feature configuration is more difficult for the stakeholders. In this thesis, we have captured the hierarchial and dependency relationships with respect to Feature Oriented Domain Analysis in OWL. Further we have implemented Feature Oriented Domain Ontology and configuration ontology using Protégé and we have checked the consistency between them using pallet. In this juncture different relations that we have considered are **Mandatory, OR, Alternative, Optional, Requires and Excludes** where mandatory, OR, alternative & optional are **hierarchial relationships** and requires and excludes are **dependency relationships**. Hierarchial Relationships are based on Parent and Child relations and Dependency relationship is between different children of different Parents. Apart from this a graphical representation of consistent and inconsistent states of each test case are provided using jambalaya which is a protégé plug in.

Explored Knowledge : Feature models, Feature Oriented Domain Ontology, Configuration Ontology and Graphical Representation.
Software Used : Protégé 3.5 and Jambalaya

Engineering Major Project:

Title : Ensuring Data Storage Security in Cloud Computing

Description :

In this project, we focus on cloud data storage security, which has always been an important aspect of quality of service. To ensure the correctness of user's data in the cloud, we propose an effective and flexible distributed scheme with two salient features, opposing to its predecessors. By utilizing the homomorphic token with distributed verification of erasure-coded data, our scheme achieves the integration of storage correctness insurance and data error localization, i.e., the identification of misbehaving server (s). Unlike most prior works, the new scheme further supports secure and efficient dynamic operations on data blocks, including: data update, delete and append. Extensive security and performance analysis shows that the proposed scheme is highly efficient and resilient against malicious data modification attack and server colliding attacks.

Software Used : Java

Tool Used : MS Access

Engineering Minor Project:

Title : Frequent Pattern Mining

Description :

Used to identify the patterns which are arised frequently & maintaining data mining effectively using algorithms, which reduces the comparison and make the searching of data in a more efficient manner.

By using these algorithms we can keep identify the patterns in a less time when compared to the general approach of mining.

Software Used : Java

Academic Progress:

- Worked as a Class Coordinator and Student Counsellor where we have to take care of student attendance & his problems regarding his growth & progress .
- Organized Workshops:
 - Data Mining and Machine Learning: 2-day workshop
 - Chakde Sanketika: Women Sports Meet

Personal Profile:

Father Name : K.S.Prasda Rao
Date of Birth : 25th Dec 1989.
Languages Known : English & Telugu.
Nationality : Indian
Religion : Hindu
Marital Status : Married

Declaration:

I herewith declare that the above given information is true to the best of my knowledge.

Place: Visakhapatnam

Date :


(K.N.S.Chitra)