

Profile



Assistant Professor at Department of Information Technology in
Sir C R Reddy College of Engineering
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CURRICULUM VITAE/ BIODATA

Personal Information:

Name : R.Hari Krishna
Father's Name : R.Arjuna Rao
Mother's Name : R.Chandra vathi
Date of Birth : 15 – 04 – 1975
Nationality : Indian
Marital Status : Married
Address for communication : D-No:4-118,Madduru (P.O),
Kankipadu (M.M),Krishna (D.T)

Languages known : Telugu, English & Hindi

Hobbies : Managing and coordinating events, Internet,
Reading books and Magazines

Professional Profile:

Eager to bring Engineering students into the twenty first century using a unique combination of education experience coupled with 18 years Teaching background in Computer Science & Engineering.

- ❖ Pursuing P.hd in Bharath Deemed to be University from 2023
- ❖ Completed Master Degree in M.Tech. in 2014
- ❖ Dedicated to enthusiastic and dynamic teaching.

ACADEMIC/ PROFESSIONAL QUALIFICATIONS:

- ❖ Pursuing P.hd in Bharath Deemed to be University from 2023
- ❖ Master of Technology in CSE from JNTUK in 2014 with 1st Class
- ❖ M.C.A from MADRAS University in 2001 with 1st Class
- ❖ MCSA (Microsoft Certified System Administrator) in 2006

Details of Experience : 18 Years

- ❖ Presently working as a Assistant Professor at IT Department in Sir C R Reddy College of Engineering from 2023 August 11 to till date.
- ❖ Worked as System Administrator in Sir C R Reddy College of Engineering from 2007 August 10 to 10-08-2023.
- ❖ Worked as System Administrator and Assistant Professor in Department of CSIT in Sri Sarathi Institute of Engineering & Technology from June'2005 to 2007 August

Experienced Computer Educator:

Designed and conducted various student workshops for training in Network and Network Securities. Instructed corporate personnel in use of Network Security and drafting programs for Network Security methods.

Computer Skills

Operating Systems	Windows 3.1, 95, 98, NT 3.5, NT4.0, Windows 2000, Windows 2003, Windows XP, Windows 7, Windows 10 UNIX Services Novell Netware 3, 4 & 5, SCO UNIX, Red Hat Linux.
Networking	LAN, WAN, TCP/IP, LAT NET, WINS, DHCP, DNS, NIS, NFS, SAMBA, Active Directory, ISDN DSL, and Fax Server.
Network Applications Software:	SQL, Exchange, OWA, Netback up, Arch serve, Vantage Vista, Front Office, Back Office.
Hardware	IBM, Sun, HP, Compaq, Dell, Servers / Terminals / Printer operations
Programming Languages	Visual Basic, SQL, Oracle, Access, C Oracle, C++, VB Script..
Desktop Application Software	MS Word, Excel, Outlook, Power Point.

Computer Related Teaching Programs:

"Attended Workshops in SASI college T.P.Gudem, VIT vellore, Bharath Hyderabad."

Summary of the Teaching and other Duties in the College:

A) I) Subjects taught:

- ❖ Database Management System
- ❖ Operating System
- ❖ Computer Networks
- ❖ Network Security
- ❖ Software Project Management System
- ❖ IT-Workshop

II) Laboratories Handled:

- ❖ Network Security Lab
- ❖ Database Management System Lab
- ❖ Data Communications Network Programming Lab
- ❖ Operating System Lab

B) Projects Guided:

1. B. Tech Projects:

- ❖ Virtual Routing Network Emulation Framework
- ❖ Message Encryption Scheme Using Cheating Text.
- ❖ A Distributed Algorithm for Constructing Approximate Minimum Spanning Trees in Wireless Sensor Networks.
- ❖ Ensuring Data Storage Security in Cloud Computing.
- ❖ Bandwidth Estimation for IEEE 802.11- Based AD HOC Networks.
- ❖ Safe and Secure Internet Banking System.
- ❖ Virtual Class Room.
- ❖ Online Sales and Inventory Management.

Administrative Experience:

- ❖ Involved in deciding technical specifications and purchase of Computers (Servers, Desktops & Laptops) and peripherals for the organization.

C) Other Duties:

- ❖ Organized and acted as “Techfest organizer and coordinator for online c” for National Level Symposium in student paper contest & Technical events like online ‘C’, Quiz and Product exhibition etc. in the year, called TECHFEST – 2008,2009,2010,2011,2012 and 2013 at Sir C.R.R.College of Engineering, Eluru
- ❖ Organized many workshops and seminars for Non-Teaching staff.

Areas of Special Interest: Network, Network Security & Database Management Systems.

Real time Projects:

1. POLDYNE APPLICATION SOFTWARE:

Module 1: PASSPORT VERIFICATION

- ❖ The aim of the Passport Verification module is to automate the work done at FRS office in headquarters of a district and also to enable Special Branch Head Constables (SBHC’s) to go for verification of passport applicants and update the status of the application online. This module’s implementation has been started on 5-11-2012 and running successfully till date. After implementing this module in West Godavari district the average time taken for verification of a passport application has dropped from 30 days to 3 days. This environment friendly passport verification module has saved around 17900 papers from 05-11-2012. All the passport verification work is being done online and no paper is being used in this process.

Module 2: DAILY SERVICE REPORTS (DSR)

- ❖ The main aim of Daily Service Reports module is to collect the intelligence information which is to be submitted by Special Branch Head Constables (SBHC’s) to district Headquarters is automated. All the areas on which SBHC’s have to submit a report is defined so SBHC’s can work on it easily. The areas on which SBHC’s will update intelligence are
 - Police Functioning
 - Enforcement
 - Foreigners & Passports
 - Political activities
 - Unions & Extremist activities

Module 3: JOB VERIFICATION

- ❖ The main aim of this module is to automate the work of verifying an applicant who had applied for a job in various government and non government organizations. This work is performed by SBHC’s online so that the process of verification is completed fast.

Module 4: **NIGHT BEATS**

- ❖ The 4th module is **NIGHT BEATS**. This module is to assign work for patrolling during night time by Police personal. On each day a ticket consisting of names of Police personal who had to go for patrolling, areas they had to patrol and names of bad characters they had to check during night will be specified. Police personal who were assigned the work of patrolling had to patrol all night and submit a report next day early morning to Superintendent of Police. Whole project is web based and open source project. All the modules developed are environment friendly and will also minimize the cost of using the paper.

2. ONLINE FEEDBACK APPLICATION SOFTWARE:

- ❖ The main objective of this application is to automate the work for taking feedback of the students of various branches about faculty teaching ability. This is environmental friendly application saves large number of papers nearly 5,00,000.

R. Hari Krishna

Signature

(HARI KRISHNA RAAVI)