

Profile

RAJESH SHENOY

System Analyst

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Specialization:

- Computer Networks and Maintenance,
- Data Base Management Systems,
- Computer Management Systems,
- Advanced Computer Training Programmes

Position in Tumkur University

- System Analyst
- SAKALA Nodal Officer
- ICT Nodal Officer, ICT Cell
- Faculty and Resource Person for B.Voc – Hardware Technology and Networking
- Resource Person for Computer Training Workshops
- Member, Project Monitoring Unit, RUSA
- Member, Co-ordination Committee, B.Voc Courses

Awards and Recognition

- Best Sakala Nodal Officer Karnataka State Award – 2014 – for successfully implementation of SAKALA in Tumkur University.
- Recognized for successfully implementation of GNANASANGAMA – a ICT Initiatives of Higher Education, Govt., of Karnataka

Qualifications:

- MCA – Master of Computer Applications – IGNOU (Indira Gandhi Open University, New Delhi)
- B.Sc. – Bachelor of Science, Mysore University.

- ADCA – Advanced Diploma in Computer Applications, IGNOU, New Delhi
- PGDCA – Post Graduate Diploma in Computer Applications, IGNOU, New Delhi
- DACM – Diploma in Advanced Computer Management, Computer Society of India, Govt. of India
- CIC – Certificate in Computing, IGNOU, New Delhi

ICT Activities in Tumkur University

- Maintenance of Campus networking and data voice networking. Campus wide Networking – total WiFi and 600 nodes with 1 gbps bandwidth. Students and staff are provided secured WiFi connectivity
- Monitoring and planning for the extension of campus networking.
- Maintenance and monitoring of firewall system, connected to the campus networking, internet security and antivirus server-client based system.
- Educating the staff and students of the University in computer skills by giving them advanced computer training.
- Designed and developed application software in-housed as per requirement of the University.
 - Asset Management System
 - Online Guest Faculty Selection Application
 - Fund Management and Finance Automation
- Implemented Tally based double entry accounting system
- Maintenance and monitoring of Biometric devices installed in the campus.
- Maintenance of Surveillance Cameras installed in the campus.
- Successfully implemented the SAKALA – rendering services to students and stakeholder within a stipulated time
- Successfully implemented Gnanasangama – ICT initiatives with various application modules initiated by Higher Education, Govt. of Karnataka.
- Successfully implemented E-procurement Portal, Govt. of Karnataka for publishing e-tender
- Successfully started the B.Voc Course (Hardware Technology and Networking) sanctioned by UGC, First University to introduce **B.Voc Courses**.

- Implemented PFMS; **Public Finance Management System** initiated by Govt. of India to manage the funds received by RUSA – MHRD and UGC.
- Initiation of **Bhuvan App, ISRO** monitored by Govt. of India by updating and uploaded all the images, attributes of the assets and items procured under RUSA; o
- Initiative taken and adopted DBT scheme of direct disbursement of scholarship to SC and ST students, through **National Scholarship e portal** of Govt. of India.
- Initiative taken and adopted the **Vidyasiri Scheme, e-pass** – scholarship to OBC Students, Govt. of Karnataka
- Initiative taken and implemented SMS Services for Meeting Notices and intimations to students
- Compliance to LA and LC (State), and LS and RS Questions within the time schedule by e-mail
- Maintenance of Computer Labs, Language Lab and Digital Library

Workshop and Conference Attended

- ❖ National Workshop on Emerging Trends in IT in University Management held during 14-16 December, 2016 at University of Calicut Jointly organized by AIU.
- ❖ Two day Regional Workshop (South-II) on Institutional Digital Repository held during 20-21, May 2016 Jointly organized by IISC Bangalore and NDL Project, IIT Kharagpur
- ❖ 4th NKN Annual Workshop held at JNTU Hyderabad held during 21-22, January 2016 - The theme of the Workshop - NKN at the Core of Cyber Space.
- ❖ 2nd NKN Annual Workshop 2013 held at IISC, Bangalore during 17-19 Oct., 2013 – The theme of Workshop – Enhancing Research Collaboration through NKN.
- ❖ Participated the UGC Infonet Training program regarding Advanced Networking and management held at ERNET, UGC, New Delhi – 2003
- ❖ Participated Training programme by CMC Corporation, Bangalore regarding Campus Networking in Kuvempu University, held by University Information and Network Operating Center, University Library, Kuvempu University – 2005

- ❖ Attended the Workshop/ Training Conducted the by IMF (Instrumentation and Maintenance) Cell, UGC sponsored Programme held at Kuvempu University Shankaraghatta – 2006
- ❖ Participated Workshop conducted by Techser Network Solutions regarding Campus Networking held at Library’s Network Operating Center, Kuvempu University – 2006
- ❖ Participated E-Tendering and Procurement Workshop conducted by Govt. of Karnataka, held at Kuvempu University, 2011
- ❖ Election duty training program for General Assembly and Parliament Election 2006 onwards.

Date of Services

Working As System Analyst in Tumkur University	Reported to duty on May 15, 2012
Worked As Computer Programmer in Kuvempu University – Ad hoc	<ul style="list-style-type: none"> • - From 05 Aug 1992 to 31 Jan 2016
Worked As Computer Programmer in Kuvempu University – Permanent	<ul style="list-style-type: none"> • From 01 Feb 2016 to 14 May, 2011

Past Experiences and activities

- Worked as Computer Course Coordinator and conducted computer training courses in Reliance Data Systems, Shimoga for students sponsored by Ministry of Social Welfare Department, Govt. of Karnataka, for the year 1990-91 and 1991-92

Subjects taught:

Systems Analysis, Data Star, Cobol, GWBasic, CPM – OS (Controlling Program for Microcomputers – Operating System), MS DOS, Computer Architecture.

- Computer Faculty (Programming Courses) – 1 year, in Matrix Computer Systems, Mangalore

Subjects taught:

Computer Fundamentals, Relational Database Management Systems, Management Information Systems.

- Data processing Assistant, Election Work, Shimoga ZP

- Technical Personnel for EVM voting machine operation training programmes for the past MP and Assembly General elections

Current Computer Expertisation:

- Programming Skills in Turbo C++, C, Pascal, ForTran, FoxBase, Dbase, Clippers, FoxPro, COBOL, GW BASIC, M-BASIC, PHP, MySQL, Visual Basic, Visual Studio, Inter Dev, JAVA and Dot NET
- Packages developed using PHP, MySQL, JAVA, FoxPro and Clippers
- Assembler, Compilers and Interpreters
- Operating Systems: CPM – Controlled Programming for Microcomputers, MS-DOS – Microsoft Disk Operating System, UNIX, Linux, Windows Operating System
- Operational Skills: Software Engineering, Expert Systems, RDBMS, Computer Networks and Systems Analysis
- Multilingual, Bilingual Software Operation – Kannada Lipi and Hindi scripts (Nudi, Baraha, SriLipi, Sabdaratna)
- Utilities – MS Office, DTP packages – Ventura, Wordstar, Datastar, CorelDraw, PageMaker, OpenOffice

Project and Case Study:

- A Project Report on Intranet Chatting – Submitted in requirement for the award of the degree of MCA – Title: Intranet Chatting Application using JAVA for Kuvempu University.
- Systems Analysis and Design – Case study using COBOL programming and techniques, Project Report prepared for Computer Society of India, CSI, Madras.
- Model Programming Packages in Hotel Management and Tourism – Project Work undertaken for Diploma in DACM – Diploma in Advanced Computer Management, Computer Society of India conducted by Reliance Data Systems, Shimoga.
- Module programming with Payroll systems in Kuvempu University and its Constituent Colleges – Case study report for Kuvempu University
- Networking and maintenance of Hardware : Assembling and developing Computers and Binary Procedures and Techniques by unemployed Computer Literates and Graduates. A case study and report for IMF Instrumentation of Maintenance Facility, UGC Sponsored programme, Kuvempu University.

Work done at Kuvempu University

➤ Software Developed

- **Asset Management Software – HiTech Asset**
Maintenance, Management, Tracking and Stock verification of Asset and properties of University.
- **Accounting and Finance Automation**
Maintenance of accounts, receipts and expenditures. Management of both receipts and expenditure budget heads. Preparation Budget allocation report, reconciliation, preparation of annual accounts, day book maintenance.
- **Office Automation**
Office inward - outward of letters and correspondence, management of case worker files
- **Academic Research Project Tracking and Management Software**
Record generation of Major and minor research projects sanctioned by UGC, maintenance regarding details of Principal Investigation who undertake the project work, maintenance of fund used by various expenditure head.
- **Salary Software – SALPRO**
Payroll Package: Generation of Pay bills, salary slips, bank statements, deduction statements, increment enchances, posting to ATM through Bank.
- **Software for Annual Budget Estimation**
Generated Annexure-3 as per requirement of Finance Dept., Govt. of Karnataka regarding Annual Budget Estimate proposal submission by University.
- **Migration Certificate Generation Software**
Computerised Migration Certificates is being issued to student seeking for migration from one college to other. Maintenance of data procured and certificate issued by the University.
- **Affiliated College Principals Gradation Software**
Maintaining details of College Principal and generating their gradation list for the Authority section of University, used in nomination of principals for Syndicate, Academic Council and other authorities of the University
- **PG Counseling and Admission Software**
- **ID Cards Designing and Generator – Customized Software**

- **Computer Centre In-charge**
Maintenance of all the Computers and UPS in the campus for IX and X plan period. Computer Centre is financially assisted by UGC. Worked as technical advisor for Establishment and then Up-gradation of computer center.
- **Created Databases of**
 - Teaching and Non-teaching staff
 - Affiliated Colleges Details
 - Affiliated Colleges Principals details
 - Salary Particulars of Employees
 - PG and UG Students
 - Pensioners Details
- **EDP – Data processing**
 - Data base management systems regarding Appointment of Teaching and Non Teaching Staff – 1992-93, 1995, 1998, 2006 and currently 2008- Establishment Section
 - Senate Election – 1996 and 1999, Generation and maintenance of Voters details, preparation Voter Address Book – Authority Section
 - Reconciliation and compilation of up-to-date University expenditure and receipts – Finance Section.
 - Affiliated College Principal’s Gradation regarding appointment to Authorities of the University
 - UG and PG Students Statistics - Academic Section
- **Book Works**
 - Developmental Proposal regarding submission to UGC
 - IX Plan, X Plan and XI Plan Proposal regarding submission to UGC
 - Draft Statutes and Regulation
 - Prospectus – Admission to PG Courses
 - NAAC Report for year 2000
- **SET Cell 2006 (State Lectureship Eligibility Cell) conducted by Kuvempu University**
Computerization of SET 2006, OMR data processing, validation and verification, OMR data scanning, fees reconciliation, issuing admission ticket, result declaration, issue of SET Certificates.

➤ **Conducting Advanced Computer Training (ACT) to University Teaching and Non teaching staff:**

Introduced a unique Training Programme to University staff named ACT that is Advanced Computer Training with Study Material and PPT

Course Contents:

Computer fundamentals, parts of computer, history and generation of computers, hardware and software, types of software, memory management, input and output devices, MS DOS and Windows operating system, Microsoft Office Components, Computer Networks, Local area Networks, Intra networks, usage of internet and email. Bilingual packages, introduction of Kannada scripts, Kannada Software, Nudi, Kannada typing techniques typing tutors, English keyboard training using English Typing Tutor Software.

- Introduced the benefits of Open Office Linux based utility to the University Staff regarding comparisons with MS Office
- Conducted Computer skill development programmes to PG Students.
- Conducted Classes regarding preparation of Slides using Power Point Presentation Software, at the Refresher Course for UG and PG Teachers conducted by the Department of Biotechnology, Kuvempu University.
- Conducting Computer Skill Test to the candidates seeking services in the University.
- Maintenance of Biometric Time and Attendance System in Kuvempu University.
- Deputed as Technical Staff in demonstrating the working of EVM machines to the Election staff during the General Parliamentary and Assembly Elections – 2004-05.

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