

# Bio-data

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**Born:** Tumkur, Karnataka, India - 1958

**Received** B.E. Bangalore University (1982)

**M.Tech.** - University of Mysore (1988)

**Ph.D.** – Dr. MGR University Chennai. (2010)

## • Experience

- *Training Manager(CSIVC-Tumkur) - 1982*  
*At Sri Siddhartha Institute of Technology, Tumkur - teaching (including research) career (30 years).*
- *Lecturer – Electronics and Communication Engineering (1983)*
- *Assistant Professor – Electronics and Communication Engineering (1988)*
- *Head – Electronics and Communication Engineering (1992)*
- *Professor – Electronics and Communication Engineering (1996)*
- *Coordinator (PG Programme -Full Time) – (2005)*
- *Coordinator, M.Tech Part Time (QIP) VTU Extension Centre – (2006)*
- *Registrar(Academic) – S.S.I.T, Tumkur (2007)*
- *Dean(Academic) – S.S.I.T, Tumkur (2008)*
- *Registrar – Sri Siddhartha University (2010)*

## • Experience Abroad

- *Visited - USA in 2005 and undergone training in web based design at Louisiana state university, USA*
- *Has Chaired a Technical sessions in the international Conference(2009) - Phuket, Thailand,*
- *Has Chaired a Technical sessions in the international Conference (2009) - Dubai.*

## **Awards and Accolades**

- *Bharath Jyothi Award – 2001*
- *Listed in Marquis Who's Who in the World for 2 times.*

## • Publications

- *Publications: 66 (Journals (2) / Conferences Int.National (14) , National ( 50) .*
- *R&D Projects: Government of Karnataka, KSCST*
- *Short Term Courses: ISTE/DTE-World Bank*
- *Project Reports: M.S(5), M.Tech (20), UG (several)*

## Publications / Paper Presentation

Type	Title	Publisher/Conference	Year
Paper Presentation	Signal Compression by Sub-Band Coding	National Conference	2007
Paper Presentation	Design and Implementation of Antialiasing Filter for FOG as an Application of Signal Compression by Sub-band Coding	National Conference, NCRTEC-2007	2007
Paper Presentation	A Low-level Software Architecture for Maintenance of Object Oriented Software System	National Conference TANTRAGNANA-2007	2007
Paper Presentation	Multirate Systems Approach for FPGA Implementations using Distributed Arithmetic for Fiber Optic Gyroscope	National conference NCETE-2007	2007
Paper Presentation	Next-Generation Security domain Reconfigurable Systems	National conference NCETE-2007	2007
Paper Presentation	"A CSM approach: impact analysis of object oriented Software System"	National Conference	2007
Paper Presentation	Requirement traceability-based impact analysis methodology to evaluate software requirement changes	National Conference	2007
Paper Presentation	Multilevel Hierarchical Model in Intelligent Tutoring System	International Conference	2007
Paper Presentation	Maintenance of Object Oriented Software system using Impact Analysis	International Conference	2007
Paper Presentation	Change Analysis for Object Oriented Software System	International Conference	2007
Paper Presentation	Statistical Display and control of Temperature and Light dependent devices	National Conference	2007
Paper Presentation	Wireless Sensor Networks	National Conference	2008
Paper Presentation	TCP with Sender based Delay Control	National Conference	2008
Paper Presentation	"Web based CSM methodology for Object Oriented Software System"	National Conference	2008
Paper Presentation	"IR Based Video Streaming"	National Conference	2008
Paper Presentation	"Wireless Time and Location based Reminder System"	National Conference	2008

Type	Title	Publisher/Conference	Year
Paper Presentation	"Optimization of FPGA Implementations for Fiber Optic Gyroscope"	National Conference	2008

Paper Presentation	"CAN Communication in Intelligent Power Management Unit"	National Conference	2008
Paper Presentation	"Programmable Digital Signal processing (PDSP) unit for Fire control Surveillance Radar system to detect and hit the Air targets"	National Conference	2008
Paper Presentation	"Implementation of Embedded Gateway for Industrial Networking"	National Conference	2008
Paper Presentation	"Top Quality, Hi-Performance, 100-400 MHz Transceiver, Design for the Military user and Affordable to the Civilian User"	National Conference	2008
Paper Presentation	"Closed loop MEMS Accelerometer"	National Conference	2008
Paper Presentation	"CAN based accident avoidance system".	National Conference	2008
Paper Presentation	"Accident avoidance System"	National Conference	2008
Paper Presentation	"Wireless Time & Location based Remainder System"	National Conference	2008
Journal	Web based CSM Methodology for Object Oriented Software Systems	International Journal of Information Technology and Knowledge management publication	2008
Journal	A CSM approach-Imapct Analysis of Object Oriented Software Systems	Publisher	2008
Paper Presentation	Multirate Systems Approach For FPGA Implementations Using Distributed Arithmetic For Fiber Optic Gyroscope	International Conference	2008
Paper Presentation	Future Management – A blend of Vedic and Modern Approach	International Conference	2008
Paper Presentation	Design, Implementation and Evaluation of Intelligent Tutoring System for Numerical Methods (ITNM)	Conference	2009
Paper Presentation	Real time access & control of ECG signals using lab view based web browser	Conference	2009
Paper Presentation	Lab view based real time implementation of acoustic echo cancellation	Conference	2009
Paper Presentation	GSM based border security systems	Conference	2009
Paper Presentation	Visual cryptography for visual secret sharing	Conference	2009
Paper Presentation	Design, Implementation and Evaluation of Intelligent Tutoring System for Numerical Methods (ITNM)	International Conference	2009
Paper Presentation	"Real Time Embedded Echo cancellation using Virtual Instrumentations"	National Conference	2009

Type	Title	Publisher/Conference	Year
Paper Presentation	"Visual Cryptography for Gray scale and color images"	National Conference	2009

Paper Presentation	"Web based Real time condition monitoring of power transfer which are in service"	National Conference	2009
Paper Presentation	"Image Super resolution and Insight"	National Conference	2009
Paper Presentation	Optimization of Multirate systems using Distributed Arithmetic	National Conference	2009
Paper Presentation	"Image Super-resolution using Iterative Back Projection method"	National Conference	2009
Paper Presentation	"Implementation and Analysis of Smoothing Methods on Multi Resolution Technique for Optic Flow Computations"	National Conference	2009
Paper Presentation	Fuzzy Related Time domain Analysis for Fault Diagnosis of Analog and Digital circuits using Zigbee Wireless Technology	National Conference	2010
Paper Presentation	High speed space wire Interface for APS sensor using FPGA	National Conference	2010
Paper Presentation	A Novel Approach to have an Intelligent Controller for 4 Quadrant operation with dead band control logic	National Conference	2010
Paper Presentation	Data and Voice communication over Power line	National Conference	2010
Paper Presentation	Wireless Portable Media Player Design	National Conference	2010
Paper Presentation	Optimal Design Methodology for High order sigma-delta Modulator	National Conference	2010
Paper Presentation	Implementation of a wireless media player	National Conference	2010
Paper Presentation	Design and Implementation of Spacewire Interface for Images using FPGA	National Conference	2010
Paper Presentation	CAN Implementation for Ultra-Modern Car on ARM Platform	National Conference	2010
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Paper Presentation	CAN Implementation for Ultra-Modern Car on ARM Platform	National Conference	2010
Paper Presentation	Generic CPU Interface with Microcontrollers and Verification on FPGA	National Conference	2010
Paper Presentation	Implementation of 1553-B Bus Interface for Satellite Sensor using FPGA	National Conference	2010
Paper Presentation	Implementation of IPC Using USB and Zigbee	National Conference	2010
Paper Presentation	Data and Voice Communication over Power line	National Conference	2010

Type	Title	Publisher/Conference	Year
Paper Presentation	Research on Video Monitoring based on Linux	National Conference	2010
Paper Presentation	Social entrepreneurship-An Heuristic Approach	Conference	2010
Paper Presentation	Development of MPEG-4 compression standards on ARM9	International Conference	2010
Paper Presentation	Generic CPU Implementation in VHDL and Interfacing with Microcontrollers	International Conference	2010
Paper Presentation	Embedded Web server for Wireless Sensor Networks	International Conference	2010
Paper Presentation	Spacewire Interface for APS Based Image sensor using FPGA	International Conference	2010
Paper Presentation	Design of standard Interface for Satellite sensor using FPGA	International Conference	2010
Paper Presentation	Tap-changer for Transformers with less Harmonics	International Conference	2010
Paper Presentation	Fuzzy related time domain analysis for Diagnosis of Analog and Digital Circuits	International Conference	2010

