

## **Academics**

### **1. Subjects Taught:**

- Object Oriented Software Engineering
- Object Oriented Analysis and Design
- Software engineering
- Object Oriented Programming in C++
- System Performance evaluation
- Advanced software engineering
- C- Programming
- Data Mining
- Neural Networks and Fuzzy Logic
- Machine Learning
- Data Warehousing & Mining,
- Digital Signal Processing,
- Neuro- Fuzzy Computing,
- Soft Computing

### **Post Graduate Level:**

- Cryptography,
- Data Information & Cryptography
- Cryptography & Information Security Quantitative Decision Modeling
- Data Warehousing & Mining Pattern Recognition
- Project Management
- Software Engineering
- Software Solutions & Processing, System Design and Integration

### **Examination and Evaluation works:**

- PG final project thesis evaluation and examination
- Regular VTU practical, theory examinations and valuation work.
- Curriculum Development :Formulating of syllabi for various subjects of first and higher semesters of UG and PG Programs and Preparation of examination
- Framing of question papers and evaluation of answer scripts as per OBE

### **2. International /National Conferences Organized:**

- Certificate of Appreciation by IFC3- INDIA for coordinating First National Cloud Computing Championship in association with Neuromancers IIT Bhubaneswar, 14th - 15<sup>th</sup> of March 2015.
- International Conference on Contemporary Computing and Informatics (IC<sup>3</sup>I) held at Sri Jayachamarajendra College of Engineering, Mysuru, India during 27<sup>th</sup> -29<sup>th</sup> November 2014.

- Second International Conference in Advances in Computing, Communications and Informatics (ICACCI 2013) held at Sri Jayachamarajendra College of Engineering, Mysuru, India during 22<sup>nd</sup> -25<sup>th</sup> August 2013.
- **Special Session** organized on “Women in Information Processing “at the International conference on “Cognitive Computing and Information Processing “CCIP 2017 held on 15<sup>th</sup> and 16<sup>th</sup> December 2017 at JSSATE Bangalore.

### **List of short-term courses / national level technical symposia organized**

- Worked as a Workshop Coordinator for MHRD -ISTE **Workshop on Android application programming for students** conducted by Indian Institute Technology (IIT) Bombay, in association with SJCE for four days during Feb 2013 and March 2013.
- Worked as a Workshop Coordinator for MHRD -ISTE Workshop on **Akaash for Education** conducted by Indian Institute of Technology Bombay, in association with SJCE on Nov 9th and Nov 10th, 2012.
- Two week ISTE Workshop on **Introduction to Research Methodologies** conducted by Indian Institute of Technology Bombay from 25<sup>th</sup> June to 04<sup>th</sup> July, 2012.
- One day-workshop on **Storage area Networks**, conducted and coordinated by the department of computer science and engineering, SJCE, Mysore.
- One day Workshop on Incorporation of Recent Developments in **Software Engineering for the Curriculum of M.Tech Software Engineering Programme**, under Technical Education Quality Improvement Program (TEQIP) on 16<sup>th</sup> September 2006.
- Foreign Language Courses on **Japanese and French languages** for under graduate and Post graduate Students during 2004-2005
- AICTE-ISTE sponsored Two-week short term training programme on **Mobile Computing Issues and Practices** from March 15<sup>th</sup> to 27<sup>th</sup> March 2004.
- **Coordinator**, First National Cloud Computing Championship in association with Neuromancers IIT Bhubaneswar, 14th -15<sup>th</sup> of March 2015.
- **Organizing Chair**, International Conference on Contemporary Computing and Informatics (IC<sup>3</sup>I) held at Sri Jayachamarajendra College of Engineering, Mysuru, India during 27<sup>th</sup> -29<sup>th</sup> November 2014.
- **Coordinator**, Second International Conference in Advances in Computing, Communications and Informatics (ICACCI 2013) held at Sri Jayachamarajendra College of Engineering, Mysuru, India during 22<sup>nd</sup> -25<sup>th</sup> August 2013.
- **Coordinator**, Two week ISTE Workshop on Introduction to Research Methodologies conducted by Indian Institute of Technology Bombay from 25<sup>th</sup> June to 04<sup>th</sup> July, 2012.
- **Coordinator**, One day-workshop on Storage area Networks, conducted and coordinated by the department of computer science and engineering, SJCE, Mysore.
- **Coordinator**, One day Workshop on Incorporation of Recent Developments in Software Engineering for the Curriculum of M.Tech Software Engineering Programme, under Technical Education Quality Improvement Program (TEQIP) on 16<sup>th</sup> September 2006.
- **Coordinator**, Foreign Language Courses on Japanese and French languages for under graduate and Post graduate Students during 2004-2005.

- **Coordinator**, AICTE-ISTE sponsored Two-week short term training programme on Mobile Computing Issues and Practices from March 15<sup>th</sup> to 27<sup>th</sup> March 2004.
- **Coordinator**, WIPRO training education Programme” for final year students who were short listed for job with WIPRO Technologies.
- **Coordinator**, Capacity Building Workshop for Women Managers in Higher Education “Sensitivity/ Awareness/ Motivation Workshop” (sponsored by TEQIP-III) from 4<sup>th</sup> June to 8<sup>th</sup> June 2018.
- **Coordinator**, AICTE seven days “Faculty Development Program for conduction of first year student induction program” from 09<sup>th</sup> - 15<sup>th</sup> July, 2018 at SJCE, Mysuru
- **Coordinator**, submitted a proposal to New Age Incubation Network (NAIN) Program under ICT Society Government of Karnataka and it has been accepted and sanctioned for a grant of Rs. 40 Lakhs towards implementation of NAIN Incubation network project at our organization.

#### **Research / Thesis/ Project’s Supervision:**

- a. Doctoral Thesis (Completed under Supervision): 02
- b. Doctoral Thesis (Ongoing under Supervision): 03
- c. M. Tech. Thesis Supervised >27
- d. B. Tech. Projects Supervised: >150

#### **Others:**

- **Faculty Counselor of Computer Society of India (CSI)**, SJCE, Students Chapter, Mysore from 2000 to 2005. Organized various Technical talks Quiz and Contests under this organization.

#### **Academic Recognition:**

- Authorised for conducting Equipment Audits in the Institution.
- Appointed as part time “Academic Counsellor” by Indira Gandhi Open University (IGNOU), NewDelhi, since 2003 for BCA, MCA students.
- Member of BOS and BOE, PES College of Engineering (PESCE) Mandya.
- Expert Committee member for selection of candidates for recruitment of teachers at public school JSS institution.

- Expert committee member for upgradation of computer system at JSS ITI Chamarajanagar.
- Reviewer for technical papers for various conference proceedings.
- Invited as Chairperson for technical sessions of a Two-day Conference on “**Innovative Talent Search**” held from 21<sup>st</sup> to 22<sup>nd</sup> April 2006 organised by Department of Computer and Information Science Engineering at G.S.S.S Institute of Engineering and Technology for Women, Mysore.
- Invited as Chairperson for technical sessions at “**International conference on Current trends in Engineering and Management “(ICCTEM-2012)** at Vidaya Vardhaka College of Engineering (VVCE), Mysore.
- Chaired a session at the National conference on Image Processing, Computing, Communication, Networking and Data Analytics – NCICCNDA 2017 on 29<sup>th</sup> July 2017 for the Track on **Computing and Internet of Things** at GSSSIETW
- , Mysuru
- Awarded **Merit certificate** under National Scholarship Scheme by Government of Karnataka in recognition of High position secured in list of meritorious candidates qualifying for awards from Karnataka in 1983.