

## Academics

### 1. Subjects Taught:

C programming and Concepts  
Computer Organization  
Operating Systems  
System Software  
System Simulation and Modeling  
Advanced Computer Architecture  
System Simulation modeling

### 2. List of short term courses / national level technical symposium organized/Session Chair

1) Organized a pre conference tutorial on “Voice Biometrics” in CCIP 2016 on 11<sup>th</sup> August at SJCE, Mysore, 2016.

2) Organized a special Technical paper presentation session on “Speech Signal Processing and its Applications” in Second International Conference on “Cognition Computing and Information Processing (CCIP 2016), on 12<sup>th</sup> August at SJCE, Mysore, 2016.

3) Organized and participated in two day Faculty Development programme on “Speech signal Processing and its applications, on 6<sup>th</sup> and 7<sup>th</sup> November 2015, sponsored by TEQIP-Phase-II.

4) Organized a invited talk on “Women and Life” for teaching and non teaching faculties at SJCE on 22-10-2016 under TEQIP Phase-II..

5) Organized a technical talk on “Cloud Computing – How to port an application between clouds and its Challenges” on 5-4-2016 at SJCE, for VIII, VII and M.Tech.

students of CS department.

6) Organized one day workshop on “Stress Management and Wellness for women”, for teaching and non teaching women faculties working in SJCE and JSS institutions on 20<sup>th</sup> August 2014, at SJCE, Mysore.

**Session chair:**

i) Chaired a session during Second International Conference on “Cognitive Computing and Information Processing-(CCIP- 2016) on 12<sup>th</sup> August, for Speech signal Processing and its Applications technical sessions.

ii) Chaired a session during Second International Conference on “Cognitive Computing and Information Processing-(CCIP- 2016) on 12<sup>th</sup> August, for Cognitive intelligence technical session.

**Proposals submitted:**

1) Submitted a proposal on “Interactive Machine Translation” for GAIN in 20-2-2017.

2) Submitted joint proposal on “Engineering and Physics in Radiotherapy” for GAIN in 20-2-2017 by Vasantha Raghavan and M.A. Anusuya.

3) Proposal submitted to DST under Cognitive Science and Research Initiative (CSRI) on “ Bilingual Automatic Speech-to-Speech Translator for Kannada to English & Vice Versa” on 28-6-2017 by M.A. Anusuya & Dr. V. Udayashankara .

4) Proposals submitted to VGST -i) Project proposal on "New Techniques for Hindi to Kannada speech translation "ii) Proposal to conduct one week FDP programme on Processing""Speech and Biomedical Signal

5) Submitted a proposal for AICTE(AQIS) for writing a technical book on "Interactive Machine Translation".

6)Projects Guided:Guided several UG and PG projects.

**Technical Talk Delivered:**

1)Delivered a technical talk on “Mathematical Modeling” in Faculty Development Programme on Computational Data Science at JSSATE, Bangalore on 21st January 2017.

2)Delivered a subject expert talk on “System software” on 15/4/2016 in Information Science Department, SIT Tumkur.

**POST DOCTORAL WORK:**

**1. Abroad visit** : Denmark

**2. Summer Project Title** : SEECAT- Speech & Eye Tracking Enabled  
Computer Assisted Translation.

**3. University visited** : Center for Research and Innovation in  
Translation and Translation Technology  
(CRITT), Department of International Business  
Communication, Copenhagen Business  
School, Dalgas Have 15, Frederiksberg.

**4. Project objective** : Combine the gaze and speech in translation

**5. Project was funded by:** Danish Agency for Science & Technology  
And Innovation.

**6. Duration of the project** : May 21<sup>st</sup> to July 31<sup>st</sup> , 2013

**7. Out come of the internship** : 2 papers were presented in International  
symposium and International workshop

i) M.A.Anusuya, Ankita Takur, Mercedes Garcia and Bartho, “Enhancing a Post  
Editing Workbench with Automatic Speech Recognition”, Symposium on ‘  
Speech and Gaze in Translation”, Copenhagen Business School, August 10<sup>th</sup>  
Denmark, 2013.

ii) Participated and presented our idea in the international workshop/Symposium  
on Advances in Multimodal Multilingual Translation Process at JSS academy  
of Technical Education, on Novemeber 28<sup>th</sup> , Noida, 2013.