1. Other Research Projects

**Project work of B.Tech. students from Vishweshwaraiah Technological University**

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| Title | Objectives | Guide & Investigator(s) | Department | Amt. | Status | Summary of work done in 2010-11 |
| Hearing screening device | Design & Development | Ajish K Abraham & Ms. Arpitha H, Ms. Pallavi A, Shalini S, Vineetha Menon | Electronics & Communication Department NIE, Mysore | - | Complete | Prototype developed |
| Speech formants analysis | Design & Development | Ajish K Abraham & Pavan Kumar, Santhosh M.A.,  Sathish kumar S  Sravan Kumar M | Electronics & Communication Department SJCE, Mysore | - | Complete | Prototype developed |
| Word counter for Human speech | Design & Development | Ajish K Abraham & Pavan kumar,  Bhuvangowda,  Nayan Singh,  Manjesh H.S. | Electronics & Communication Department SJCE, Mysore | - | Complete | Prototype developed |
| Voice activated switch | Design & Development | Ajish K Abraham & Archana KV,  Bhavana S,  Deepika B, Shivashankari C | Electronics & Communication Department SJCE, Mysore | - | Complete | Prototype developed |
| Server based curator for museums | Design & Development | Ajish K Abraham & Rahul Salecha,  Ravindra Babu,  Ritesh MS, Sharan K | Electronics & Communication Department SJCE, Mysore | - | Complete | Prototype developed |

1. **Other Research Projects: Non funded department projects: 4 projects ongoing**

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| Title of the Project | Duration | Principal Investigator | Work progress |
| Establishment of speech and language database | Ongoing project | Prema K.S & clinical linguist | Work being carried out with archive of speech language database for digitization, transcription and tagging. |
| Development of multilingual lexical corpora | Ongoing project | Prema K.S. & post-doc fellow | Work in progress in Indian and non-Indian languages |
| Establishment of norms on Cognispeed software | Ongoing project | Prema K.S & clinical linguist | Ongoing |
| Survey on ‘SLP’s sensitivity towards language sciences’ | Ongoing project | Prema K.S | Data on 250 SLPs compiled  Report preparation in progress |

1. **Other Research Projects: (Non-funded)**

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| **Title** | Preschool Curriculum for Children with Special Needs: A Proposed Framework |
| **Objectives** | To formulate a curriculum for Children with Special Needs in Preschool |
| **Department** | Department of Special Education |
| **Principal Investigator & Co-Investigator** | Principal Investigator- Prof. K. S. Prema, HOD-Special Education  Co-investigators – Dept. Faculty |
| **Funding Agency** | Non-funded project |
| **Amount** | --- |
| **Status** | Ongoing |
| **Summary of work done in 2010-11** | The project aims at formulating a curriculum for Children with Special Needs (CWSN). A framework was proposed to be incorporated in the preschool considering the fact that it shows promising results with improvement in skills like communication in CWSN during their preschool years. A team of professionals was involved and various evaluations like language, cognition and academics was carried out for two semesters. Data is being compiled for the same. |

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| **Title** | Efficacy of Team approach in Special Educational Services |
| **Objectives** | To evaluate the efficacy of team approach in the special educational services |
| **Department** | Department of Special Education |
| **Principal Investigator & Co-Investigator** | Principal Investigator- Prof. K. S. Prema, HOD-Special Education  Co-investigators-Faculty of the department |
| **Funding Agency** | Non-funded project |
| **Amount** | --- |
| **Status** | Ongoing |
| **Summary of work done in 2010-11** | The project aims at evaluating the efficacy of team approach in the special educational services. The team constituted of Speech Language Pathologist, Audiologist, Special Educator, Psychologist and ENT Doctor. Collaboration of these disciplines would help in providing quality interventions to more children with special needs. Children attending preschool were periodically evaluated on Language, academic and cognitive skills. Data has been compiled for the same. |