



Sarvajanik Education Society
Sarvajanik College of Engineering & Technology, Surat.
Master of Computer Application Department
Academic Year 2015-16

Date: 22-Aug-2015

A Report on the Expert Talk

As a part of Research Oriented Drive, M.C.A Department had organized the Expert Talk on **"Experimental Research in Emerging Areas in Computer Science"**. The details for the same are briefed hereby.

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| Speaker: | Dr. Apurva A. Desai |
| Designation: | Head & Dean of Faculty of Computer Science and Information Technology at VNSGU |
| Date & Time: | 21-Aug-2015 From 2.00 p.m. To 4.10 p.m. |
| Venue: | N.J. Seminar Hall, SCET. |
| Targeted Audience: | Faculty Members and Final Year Students from M.C.A., C.O., E.C. and I.T. Departments(B.E. and M.E.) |
| Coordinated By: | Prof. Gayatri S. Kapadia and Prof. Alpa K. Shah |

Dr. Apurva Desai Sir commenced the talk by throwing light on inventions present in Indian Mythology. He emphasized his point, saying "*The mother of most of the inventions is OUR MYTHOLOGY*". Sir annotated by formulating a correlation between Ancient Indian Inventions like Pushpak Viman, Kauravas, Lakshman Rekha, Ganeshji..and others with Modern Inventions like Aircraft, Cloning, Wireless Sensor Technology, Artificial Transplantation and many more. For any researcher to begin his/her research, the best way is to look back at Indian Mythology.

Sir continued the talk with basics of *What is Research* and *Research in Computer Science*. He stressed the significance of *Experimental Research in Computer Science* rather than Theoretical/Empirical Research.

Sir presented the work on *Handwritten Gujarati Numeral Optical Character Recognition (OCR)* that was conducted under him by research scholars. Sir has the credit of creating a benchmark Dataset for Gujarati Characters and Numerals.

The talk continued with exertion in area of Natural Language Processing (NLP). Sir unraveled various facets of NLP, its issues and challenges faced by the researchers.

The Expert Talk by Dr Apurva Desai Sir successfully spurred the doors by uncovering different research opportunities for juveniles in field of OCR specifically in Gujarati and NLP.

The benefited audience consisted of all faculties of MCA Department, Senior Faculties of Computer Department, and students of MCA Final and Second Year.

Attached are some of the glimpses of the Expert Talk.

