Report on Faculty Development Programme

SREE VIDYANIKETHAN
Engineering College

"Data Mining Tools & Techniques"

(October 03-04, 2013)

Faculty Development Program (FDP) was organized by Department of Information Technology, Sree Vidyanikethan Engineering College, A. Rangampet. The FDP was organized for 2 days i.e., October 03-o4, 2013.

Day 1: 03-10-2013

The faculty Development Program was inaugurated by Dr. K. Subrahmanyam, Professor of CSE, K.L. University, Dr. V. V. Rama Prasad, HOD of CSE and Convener of the Programme, Dr. K. Ramani, HOD of IT at 9:30 A.M.

Session 1:

Dr. K. Subrahmanyam, Professor of CSE, K.L. University from 10.00 AM – 11.30 AM, delivered on overview of data mining, Building Intelligent Systems through Machine Learning. The participants interacted with resource person and clarified their doubts.

Session 2:

Dr. K. Subrahmanyam, Professor of CSE, K.L. University has taken this session from 11.45 AM – 1.00 PM, delivered a lecture on Research challenges in Data Mining. The participants interacted with resource person and discussed about implementation problems they are facing in their research work.

Session 3:

Mr. O. Obulesu, Asst. Professor of IT, Sree Vidyanikethan Engineering College, from 2:15 PM – 3.30 PM, demonstrated on WEKA Tool with Preprocessing Features. The participants executed all the features in WEKA tool and interacted with resource person and clarified their doubts.

Session 4:

Mr. G.M. Chanakya, Asst. Professor of IT, Sree Vidyanikethan Engineering College, from 3:45 PM – 4.45 PM, Handled the lab sessions on Association, Classification and Clustering in WEKA Tool. The participants executed all the features in WEKA tool with the help of resource persons.

Day 2: 04-10-2013

Session 1:

Mr. A. Srinivasulu, Assoc. Professor of IT, Sree Vidyanikethan Engineering College, from 9:30 AM – 11.30 AM, demonstrated on Rapid Miner with Preprocessing Operator Features. The participants interacted with resource person and clarified their doubts.

Session 2:

Mr. A. Srinivasulu, Assoc. Professor of IT, Sree Vidyanikethan Engineering College, from 11.45 AM – 1.00 PM, Demonstrated all operators including Association, classification, and clustering in Rapid Miner. The participants executed all the operators in lab sessions and with the help of resource persons.

Session 3:

Mr. O. Obulesu, Asst. Professor of IT, Sree Vidyanikethan Engineering College, from 2:00 PM – 3.30 PM, demonstrated on Basics of R Tool such as variables, vectors and Data frames. The participants executed all the features in R tool.

Session 4:

Mr. O. Obulesu, Asst. Professor of IT, Sree Vidyanikethan Engineering College, from 3:30 PM – 4.30 PM, demonstrated on Data frames and built in functions applied on the datasets. All the participants created some static and dynamic datasets and executed built in measures on the datasets.

Conclusion

The department of Information Technology, SVEC, conducted a Two Day FDP on **"Data Mining Tools & Techniques"**, 03-04 October 2013, under Technical Education Quality Improvement Program-II. About 50 faculty members participated in this event. The participants actively involved and gained useful information from all the sessions.
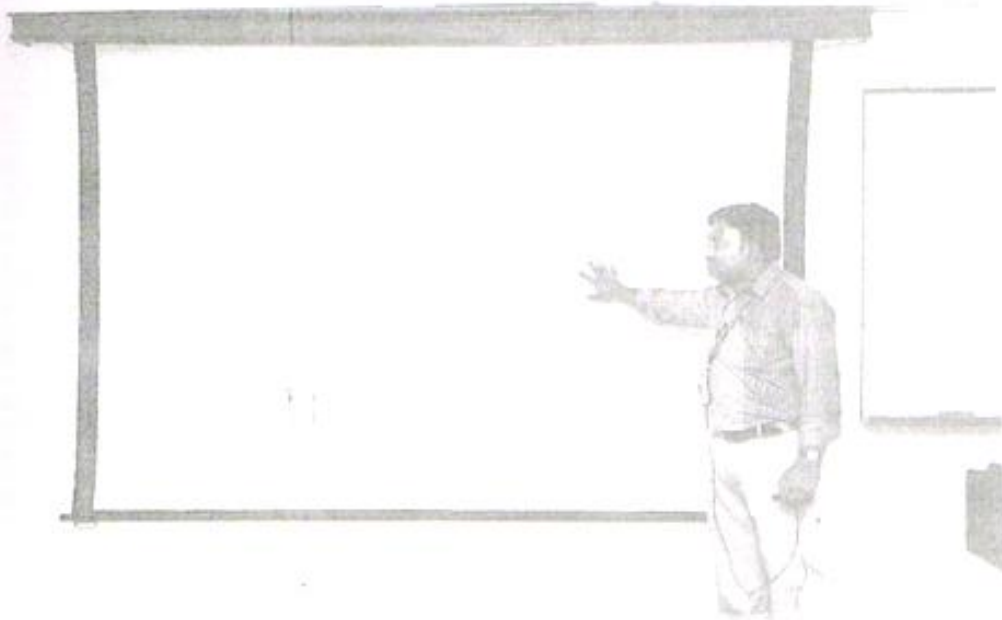
Fig. 1: Dr. K. Subramanyam, Professor of CSE, KLU inaugurating the function

Fig. 2: Dr. K. Subramanyam, Professor of CSE, KLU addressing the gathering.

Fig. 3: Mr. A. Srinivasulu, Associate Professor, SVEC, demonstrating Rapid Minor Tool.

Fig. 4: Mr. O. Obulesu, Assistant Professor, SVEC, demonstrating R Tool.