A Two day Faculty Development Programme (FDP) on “Wireless Networks and Simulation Through NS-2” by Mr. T.S. Pradeep Kumar, Assistant Professor (Senior Grade), Department of Computer Science Engineering, VIT University, Chennai Campus is organized under TEQIP-II for Faculty of CSE, CSSE, ECE, IT and MCA in E-Class room on 8th and 9th March 2013.

In his inaugural address Dr. D.V.S. Bhagavanulu, Director, Sree vidyanikethan Engineering College advised the members of the faculty to acquire latest knowledge in their chosen fields of specialization by attending the FDPs.
Dr. A. Senguttuvan, Professor & Head, Department of CSE advised the members of the faculty to improve their teaching skills by acquiring latest knowledge in their chosen fields of specialization for effective class room teaching.

Mr. T.S. Pradeep Kumar has explained about the importance of the network simulation and need of the simulation languages in the network. He discussed the introduction of NS-2, importance of the NS-2 and applications, importance of OTCL and usage of OTCL in NS-2, Simulation of Wired and Wireless network using NS-2 with examples.

He also explained the usage of C++ language in TCL, procedure for linkage of C++ code into TCL with example, addition of new agent and a Queue in NS2 by recompiling NS2, existing code modification and linkage with network, new add on for AODV Protocol, addition of a new TCP protocol.
Mr. T.S. Pradeep Kumar delivering the lecture

He demonstrated on construction of the simple networks with NS-2 and TCL, which was practiced by all the participants in the lab. This will help the faculty to gain in depth knowledge on network simulation. He also demonstrated TCL and C++ integration with NS-2 which is a rear demonstration for the participants. The lab experience enriches the applicability skills of the participants in the area of teaching and research.

Mr. T.S. Pradeep Kumar guiding the students in the Lab session
Group Photo of the Participants