



RUKMINI DEVI

Institute of Advanced Studies

App. by AICTE, HRD Ministry, Govt. of India & Aff. to G.G.S. I.P. University, Delhi

- Category 'A' Institute
- High Grading 81.7% by Joint Assessment Committee of GGSIPU & DHE, Govt. of NCT of Delhi.

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An ISO 9001 : 2008 Certified Institute

Workshop

Topic :	“Network Programming”
Date of event:	September 24-25, 2010 (10:00 am to 4:00 pm)
Profile of the Guest:	Mr. M. Tarkeshwar Rao, Sr. Software Engineer Mr. Kunal Malik, Sr. Software Engineer
Description of the Event :	<p>A workshop provides hands-on experience to the audience because it is enriched with practical knowledge which contributes in making the concepts for students absolutely clear.</p> <p>In computing, network programming, essentially identical to socket programming or client–server programming, involves writing computer programs that communicate with other programs across a computer network. The program or process initiating the communication is called a client process, and the program waiting for the communication to be initiated is the server process. The client and server processes together form a distributed system.</p>
Event Report in brief:	<p>RDIAS organized a 2 day workshop on “Network Programming” in C on Linux platform for MCA Students on September 24-25, 2010 from 10:00 am to 4:00 pm.</p> <p>It was divided into four technical sessions which included lectures followed by lab sessions. The details of all the four sessions are as follows:</p> <p>Session – I: Introduction to Networking Concepts, Essential system calls related to network programming.</p> <p>Session – II: Implementation of TCP Server, TCP Client, UDP Server and UDP Client.</p> <p>Session – III: Basics of Multithreading Concepts, Mutexes, Semaphores; Implementation of Multithreading.</p> <p>Session – IV: Basics and Implementation of ‘make’ utility.</p> <p>The students were very keen for this workshop and they learned a lot about “Network Programming”. This workshop would certainly help them understand their subject in a new perspective.</p>