

Web report on Guest Lecture on “Grid Computing: Opportunities and Challenges”

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| Title | Guest Lecture on “ Grid Computing: Opportunities and Challenges ”for the students of MCA |
| Date | January 23, 2017 |
| Resource Person/Facilitator | Dr. U.S.Pandey, Officer on Special Duty (OSD), Campus of Open Learning, University of Delhi. |
| Summary | <p>Grid computing is a computer network in which each computer's resources are shared with every other computer in the system. Processing power, memory and data storage are all community resources that authorized users can tap into and leverage for specific tasks. The lecture helped the students to comprehend how a grid computing system works as a simple collection of similar computers running on the same operating system or as complex as inter-networked systems comprised of every computer platform.</p> <p>The speaker started the session by explaining the concept of “Power Grid”and went on to explain different grid operations diagrammatically to the students. The facilitator revealed that Grid Computing is standardized by the Global Grid Forum and applied by the Globus Alliance using the Globus Toolkit. Sir provided the information about computing platforms like Frontier, which is a central computing platform of Parabon Computation Inc. The speaker highlighted that Grid technologies provide the ability to aggregate geographically-distributed resources into a single integrated computing platform.</p> <p>This fascinating session boosted the confidence of students, as they asked questions related to utilization and sharing of variety of heterogeneous distributed resources. This session will help the students to choose the right career paths.</p> |