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**UUM Sintok Grid/Cloud Infrastructure Project (UUM grant), March 2011-March 2012.**

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**Knowledge Transfer Program on IPv6 (MoHE's grant), April 2012- March 2014.**

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**Open Source Application/Systems Training.**

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**A New Routing Protocol for Wireless Ad-Hoc Networks**

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**Handoff Aware Adaptive Video Streaming over Cellular IP**

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**Buffer and Rate Optimization for Abrupt Change in Motion Compensation Video Streaming**

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**Detecting Rogue Access Point (RAP) using Simple Network Management Protocol (SNMP)**

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**Performance of VoIP using DCCP CCID2 over Large Delay Link Networks**

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**Regulatory Measures For Dynamic Spectrum Access Using Cognitive Radio System Technology**

-

**A Scheduling Mechanism For Best Effort Networks Using Charge Allocation Approach**

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**TCP in Wireless AdHoc Networks**

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**Bandwidth management system in coping with bandwidth-hunger subscribers by Malaysian internet service providers**

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**Intrusion Detection Systems and Response for Mobile Ad-Hoc Networks**

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**Network Performance Engineering**

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**Data Replication in Grid Computing**

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**Frame Work of Wireless Network Performance Analysis**

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**Improving Accuracy in Mobile Ad-hoc Network Using Mobility Prediction**

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**Bluetooth Security by using Authenticate Encryption Propagates**

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**A Secure Reputation System for Cloud Computing**

