**M.Sc C.S - I**

**SEM I**

**E-Journal**

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| **Roll No.** | 027 |
| **Name** | OJHA ABHISHEK DEVMANI |
| **Subject** | ADVANCED COMPUTER NETWORK |



CERTIFICATE

This is here to certify that Mr. **OJHA ABHISHEK DEVMANI**, Seat Number **027** of M.Sc. I Computer Science, has satisfactorily completed the required number of experiments prescribed by the UNIVERSITY OF MUMBAI during the academic year 2021 – 2022.

Date:

Place: Mumbai

Teacher In-Charge Head of Department

External Examiner

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| **Sr. No.** | **Practical Name** | **Date** |
| **1** | Create a network with three routers with RIPv2 algorithm and each router associated network will have minimum three PC. Show connectivity. |  |
| **2** | Create a network with three routers with OSPF algorithm and each router associated network will have minimum three PC. Show connectivity. |  |
| **3** | Create a network with three routers with BGP algorithm and each router associated network will have minimum three PC. Show connectivity. |  |
| **4** | Configure DHCP server and client for DHCP service. |  |
| **5** | Create virtual PC based network using virtualization software and virtual NIC. Show connectivity to Internet as well as connectivity to VMs in other network. |  |
| **6** | Create network cloud and hosts. |  |
| **7** | Create simple Adhoc network |  |
| **8** | Create MANET simulation for AODVUU Network |  |
| **9** | Create Single mobile network |  |