**Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal**

**Department of cOMPUTER sCIENCE AND Engineering**

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|  | **Assignment – II (CBCS Scheme)** |  |
| **Semester:V** | **Subject: Computer Networks** | **Sub. Code: 15CS52** |
| **Date :4/11/2017** |  | **Submission Date:11/11/2017** |
| Note: Answer **five**fullquestions. | | |

1. With the help of FSM, describe the two states of sender side and one state of the receiver of rdt2.0
2. Explain Reliable Data Transfer over a Lossy Channel with Bit Errors
3. Explain TCP connection management with neat diagram.
4. Explain TCP congestion control algorithm with FSM
   1. Slow start
   2. Congestion avoidance
   3. Fast recovery
5. Explain ATM ABR congestion control with neat diagram.