**Tutorial 6**

**Turing Machines**

1. **TM at state level and l/R movement level details** 
   1. **Left Shift of Binary number**
   2. **Right Shift f Binary number**
   3. **Addition of 2 8-bit Binary number**
   4. **Subtraction of 2 8-bit Binary number**
2. **TM at l/R movement level details**
   1. **DFA simulation**
   2. **NFA simulation**
3. **TM at l/R movement level details**
   1. **Counter of unary number**
   2. **Comparison of 2 2 8-bit Binary numbers**