School of Computer Science Engineering and Technology 

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| --- | --- |
| Course- BTech | Type- Core |
| Course Code- **CSET302** | Course Name- **Automata Theory & Computability** |
| Year- Third | Semester- Odd Batch- BTech 5th Semester |

**Tutorial-2**

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| --- | --- | --- | --- | --- | --- |
| **Tutorial No.** | **Name** | **CO1** | **CO2** | **CO3** | **CO4** |
| **8** | **Equivalence of RE and FA** |  | **--** | **--** | -- |

**Objective:** Conversion of Regular Expression to Finite Automata and Vice-Versa

Convert the Following Regular Expressions into its corresponding Finite State Machine. (FA):

A notebook with a diagram on it

Description automatically generated

A notebook with a diagram and text

Description automatically generated with medium confidence

A whiteboard with writing on it

Description automatically generated

A diagram of a diagram on a white board

Description automatically generated

A white board with writing on it

Description automatically generated

A whiteboard with writing on it

Description automatically generated

A white paper with writing on it

Description automatically generated

