DRONACHARYA
Group of Institutions

B-27, Knowledge Park – III, Greater Noida, Uttar Pradesh - 201308
Approved by: All India Council for Technical Education (AICTE), New Delhi
Affiliated to: Dr. A. P. J. Abdul Kalam Technical University (AKTU), Lucknow

Name of the Subject: Theory of Automata and Formal Languages

Faculty Name: Ms. Parul Singh

Innovation Practices: Learning By Visualization

Students Involved: 3rd Semester

Learning by Visualization is a teaching method that leverages visual tools, simulations, and graphical representations to simplify complex concepts. When applied to **Theory of Automata and Formal Languages (TOFL)**, this approach helps students better understand abstract ideas like automata, grammars, and language processing by making them tangible and interactive.

Power point presentations: Power-Point presentations are used by faculty to enhance teaching and learning experience by including pictures, images, and questions. This encourages and facilitates students to understand the concepts in a structured manner.

NPTEL Videos: Students have the access to recorded lectures of professors from IITs, through NPTEL platforms.

SUBJECT INFORMATION

📢 Nptel Link 1 **View details**

📢 Nptel Link 2 **View details**

CATEGORY

4th Semester	▼

Theory of Automata and Formal Languages	▼

- ⊙ PPT
- ⊙ Related Books
- ⊙ Related Video
- ⊙ Question Bank
- Nptel Link

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📄 **UNIT 1**
Automata Theory and Formal Languages
Read more

📄 **UNIT 1**
Deterministic Finite Automata
Read more

📄 **UNIT 1**
Patterns, Regular Expressions and Finite Automata
Read more

📄 **UNIT 1**
Finite Automata
Read more

📄 **UNIT 1**
DFA state minimization
Read more

📄 **UNIT 1**

CATEGORY

4th Semester ▼

Theory of Automata and Formal Languages ▼

PPT

⊕ Related Books

⊕ Related Video

⊕ Question Bank

⊕ Nptel Link