



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College of Engineering, Satara
Academic Year: 2025-26

KBPCOES	INNOVATIVE ACTIVITY REPORT	DOC NO.: KBPCOES/ACD/F/05-00-08
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Program / Department: Computer Science & Engineering		Class: TY	Semester: V	Div: A
Course: Theory of Computation	Course Code: BTCOC502	Course Coordinator: Mr. Kshirsagar A.P.		

Sr. No.	Name of Activity	Unit	Planned Date	Actual Date	Platform	No. of students completed
1.	Video Making for NFA/DFA	1	25/08/2025	14/09/2025	https://automaton-simulator.com/	67
2	Video Making for PDA	4	26/10/2025	31/10/2025	https://automaton-simulator.com/	67

Name of Activity -: Video Making for NFA/DFA

Websites Used-: <https://automatonsimulator.com/>

Purpose-:

To help the students to design Deterministic Finite Automata, Non-Deterministic Finite Automata and test it.

Outcome-:

- 1) Students are able to understand Deterministic Finite Automata, Non-Deterministic Finite Automata concepts in detail.
- 2) Faculty members can easily explain above concepts with the use of website <https://automatonsimulator.com/>
- 3) Sample created video by student are available on Google Classroom.

Program Outcomes Mapped-:

PO3(Design/Development of solutions)

PO5(Modern Tool Usage)

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Name of Activity -: Video Making for Pushdown Automata

Websites Used-: <https://automatonsimulator.com/>, <https://csvistool.com/>

Purpose-:

To help the students to design Pushdown Automata and test it.

Outcome-:

- 1) Students are able to understand Pushdown Automata concepts in detail.
- 2) Faculty members can easily explain above concepts with the use of website <https://automatonsimulator.com/>
- 3) Sample created video by student are available on Google Classroom.

Program Outcomes Mapped-:

PO3(Design/Development of solutions)

PO5(Modern Tool Usage)

APK

Course Coordinator
Prof. Kshirsagar A.P.



HOD CSE
Prof. Dangat G.D.