

Samrat Ashok Technological Institute (Engineering College), Vidisha

Department of Mechanical Engineering

BOS meeting 08-12-2025

(Honours degree in Robotics)

LIST OF SWAYAM SUBJECTS FOR HONORS DEGREE					
S.N	NPTEL URL	Course Name	Credit/ Duration (week)	Semester	Concern Faculty
1	https://onlinecourses.nptel.ac.in/noc26_me34/preview	Advanced Robotics	4/12	Jan. – Apr. 2026	Prof. Ashish Dutta
2	https://onlinecourses.nptel.ac.in/noc26_me72/preview	Robotics and Control: Theory and Practice	3/8	Jan. – Apr. 2026	Prof. N. Sukavanam, Prof. M. Felix Orlando
3	https://onlinecourses.nptel.ac.in/noc26_me01/preview	Robotics: Basics and Selected Advanced Concepts	4/12	Jan. – Apr. 2026	Prof. Ashitava Ghosal
4	https://onlinecourses.nptel.ac.in/noc26_me36/preview	Advanced Robotics Applications	3/8	Jan. – Apr. 2026	Prof. Ashish Dutta
5	https://onlinecourses.nptel.ac.in/noc26_me50/preview	Collaborative Robots (COBOTS): Theory and Practice	8/3	Jan. – Apr. 2026	Prof. Arun Dayal Udai
6	https://onlinecourses.nptel.ac.in/noc26_ge21/preview	Experimental Robotics	2/4	Jan. – Apr. 2026	Prof. Dilip Kumar Pratihar
7	https://onlinecourses.nptel.ac.in/noc26_me71/preview	Wheeled Mobile Robots	3/8	Jan. – Apr. 2026	Prof. Asokan Thondiyath, Prof. Santhakumar Mohan
8	https://onlinecourses.nptel.ac.in/noc26_ee89/preview	Intelligent Control of Robotic Systems	2/4	Jan. – Apr. 2026	Prof. M. Felix Orlando

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