

Even Semester Online Course Learning Option to Students from NPTEL /SWYAM, Academic Year 2020-2021

Online courses offered by NPTEL / SWAYAM

Electronics and Telecommunication Engineering/Electronics & Communication Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Numerical Methods and Computer Programming	BTBSC406	IV	https://onlinecourses.nptel.ac.in/noc21_ma07/preview

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Computer Network & Cloud Computing	BTETC602	VI	https://onlinecourses.swayam2.ac.in/cec21_cs04/preview

Chemical Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Heat Transfer	BTCHC403	IV	Heat transfer https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc21_ch07/preview&sa=D&ust=1610915159248000&usg=AFQjCNGixPMCrUO4SrfaztnkbRXfoCWdeg

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Process Instrumentation	BTCHC 604	VI	Chemical Process Instrumentation https://www.google.com/url?q=https://onlinecourses.nptel.ac.in/noc21_ch26/preview&sa=D&ust=1610915159259000&usg=AFQjCNH6E8INqVVm3jWcuqdQMxWjyHaQuQ

Petrochemical Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Heat Transfer Operations	BTCHC 403	IV	Heat Transfer https://onlinecourses.nptel.ac.in/noc21_ch07/preview

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Catalyst Science and Technology	BTCHE 606A	VI	Catalyst Science and Technology https://nptel.ac.in/courses/103/103/103103026/

Automobile Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Engineering Thermodynamics	BTAMC402	IV	https://onlinecourses.nptel.ac.in/noc21_me35/preview

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Heat Transfer	BTAMC601	VI	https://onlinecourses.nptel.ac.in/noc21_ch07/preview

Production Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Casting and Moulding Technology	BTPRC401	IV	https://onlinecourses.nptel.ac.in/noc21_me23/preview

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Industrial Engineering & Management	BTPRC603	VI	https://onlinecourses.nptel.ac.in/noc21_me15/preview

Mechanical Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Manufacturing Processes – I	BTMEC401	IV	https://onlinecourses.nptel.ac.in/noc21_me30/preview

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
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Computer Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Elective-I Object Oriented Programming in C++	BTCOE404B	IV	Programming in C++

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Compiler Design	BTCOC601	VI	Compiler Design

Information Technology

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Microprocessors and Microcontrollers	BTITC401	IV	https://nptel.ac.in/courses/108/105/108105102/

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	Compiler Construction	BTITC602	VI	https://nptel.ac.in/courses/106/105/106105190/

Electronics Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Numerical Methods and Computer Programming	BTBSC406	IV	https://onlinecourses.nptel.ac.in/noc21_ma07/preview

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Power Electronics	BTEXC602	VI	https://onlinecourses.nptel.ac.in/noc21_e01/preview

Electrical Engineering / Electronics and Power/ Electrical & Electronics Engineering / Electrical & Power Engineering

Semester – IV

Sr. No.	Course Code	Name of Subject as per Curriculum	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	BTID405	Product Design Engineering	IV	Product Design and Innovation https://onlinecourses.nptel.ac.in/noc21_de01/preview

Semester –VI

Sr. No.	Course Code	Name of Subject as per Curriculum	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
2	BTEEE604	Elective-VI	VI	
	A.	Industrial automation and Control		https://onlinecourses.nptel.ac.in/noc21_me67/preview
	B.	Design of Experiments		Biostatistics and Design of Experiments
	C.	Artificial neural network.		Fuzzy Logic and Neural Network https://onlinecourses.nptel.ac.in/noc21_ge07/preview

Electrical & Instrumentation Engineering

Semester – IV

Sr. No	Course Code	Name of Subject as per Curriculum	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	BTID405	Product Design Engineering	IV	Product Design and Innovation https://onlinecourses.nptel.ac.in/noc21_de01/preview

Semester – VI

Sr. No	Course Code	Name of Subject as per Curriculum	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	BTINC602	Industrial automation and Control	VI	Industrial Automation and Control https://onlinecourses.nptel.ac.in/noc21_me67/preview

Instrumentation Engineering

Semester – IV

Sr. No.	Course Code	Name of Subject as per Curriculum	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	BTIEC 402	Feedback Control System	IV	Control engineering https://onlinecourses.nptel.ac.in/noc21_ee05

Semester – VI

Sr. No.	Course Code	Name of Subject as per Curriculum	Semester	SWAYAM/ NPTEL Course and Web LINK / Course ID
1	BTINC602	Industrial Automation and Control	VI	Industrial Automation and Control https://onlinecourses.nptel.ac.in/noc21_me67

Civil Engineering

Semester – IV

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Hydraulics II	BTCVC401	IV	https://nptel.ac.in/noc/courses/noc21/SEM1/noc21-ce31/

Semester – VI

Sr. No.	Name of Subject as per Curriculum	Course Code	Semester	SWAYAM/ NPTEL Course name and Web LINK / Course ID
1	Concrete Technology	BTCVC603	VI	https://onlinecourses.swayam2.ac.in/nou21_ce03/preview