

## NPTEL Courses Completed by the faculty during last 3 years

S.No.	Name of the faculty	Name of the course
1	D.Ajay Kumar	Introduction to Research
		Architecture Design of ICs
2	P.Hareesh	Introduction to Research
3	V.Surendra Babu	Digital Image Processing
4	M.Narendra Kumar	Computer Architecture
		Introduction to Research
		Effective Engineering Teaching in Practice
5	K.Miranji	Medical Biomaterials
		BioMEMS and Microsystems
		Biomedical Nanotechnology
		Fabrication Techniques for MEMs based Sensors: Clinical Perspective
		Introduction to Research
		Fundamentals of Semiconductor Devices
6	N.Lavanya	Introduction to Programming in C
7	V.Vamsi Sudheera	The Joy of Computing using Python
		Introduction to Research
		Networks and Systems
		Discrete Time Signal Processing
8	A.Ram Kumar	Introduction to Research
		Introduction to Information Theory
		Outcome based Pedagogic Principles for Effective Teaching
9	R.Trinadh	CMOS Digital VLSI Design
10	P.Sowmithri	Sensors and Actuators
		The Joy of Computing using Python
11	A.M.Vamsi Krishna	Switching Theory and Logic Design
		Research Methodology
		Outcome based Pedagogic Principles for Effective Teaching
12	V.Swathi	Introduction to Research
		ICs, MOSFETs ,Op-amps and their Applications
13	N.Suneetha	Digital Circuits
14	P.Srinivasulu	Introduction to Research
		Fabrication techniques for MEMs based Sensors: Clinical Perspective
		Introduction to Photonics
		Development Research Methods
		The Joy of Computing using Python
15	Y.B.N.V.Bhaskar	Introduction to Programming in C
		Introduction to Research
16	V.Ranjith Kumar	Introduction to Research
		Fabrication Techniques for MEMs based Sensors: Clinical Perspective
		Sensors and Actuators
		The Joy of Computing using Python
17	K.Radha	Introduction to Internet of Things
		CMOS Digital VLSI Design
		Digital Circuits

## NPTEL Courses available for the faculty & students in this semester

S.No	Name of the course	Institutions details	Course duration	Course enrollment date	Exam registration due date
1	Analog Communication	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
2	Analog Electronic Circuits	IIT Delhi	12 weeks	20/05/21 – 02/08/21	17/09/21
3	Control Systems	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
4	Digital circuits	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
5	Digital image processing	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
6	Electromagnetic Theory	IIT Kanpur	12 weeks	20/05/21 – 02/08/21	17/09/21
7	Fiber Optic Communication Technology	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
8	Electrical Measurement And Electronic Instruments	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
9	Introduction To Internet Of Things	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
10	Introduction To Probability Theory And Stochastic Processes	IIT Delhi	12 weeks	20/05/21 – 02/08/21	17/09/21
11	Introduction To Semiconductor Devices	IIT Hyderabad	12 weeks	20/05/21 – 02/08/21	17/09/21
12	Introduction To Wireless And Cellular Communications	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
13	Microwave Engineering	IIT Guwahati	12 weeks	20/05/21 – 02/08/21	17/09/21
14	Op-Amp Practical Applications: Design, Simulation And Implementation	IISc Bangalore	12 weeks	20/05/21 – 02/08/21	17/09/21
15	Problem Solving Through Programming In C	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
16	Programming In C++	IIT Khargpur	08 weeks	20/05/21 – 23/08/21	17/09/21
17	Programming In Java	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
18	Programming, Data Structures And Algorithms Using Python	Chennai Mathematical Institute	08 weeks	20/05/21 – 23/08/21	17/09/21
19	Remote Sensing And GIS	IIT Guwahati	08 weeks	20/05/21 – 23/08/21	17/09/21
20	Semiconductor Devices And Circuits	IISc Bangalore	12 weeks	20/05/21 – 02/08/21	17/09/21

## NPTEL advanced courses available in this semester

S.No	Name of the course	Institutions details	Course duration	Course enrollment date	Exam registration due date
1	Developing Soft Skills And Personality	IIT Kanpur	08 weeks	20/05/21 – 23/08/21	17/09/21
2	Innovation, Business Models And Entrepreneurship	IIT Roorkee	08 weeks	20/05/21 – 23/08/21	17/09/21
3	Entrepreneurship	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
4	Intellectual Property Rights And Competition Law	IIT Khargpur	08 weeks	20/05/21 – 23/08/21	17/09/21
5	Introduction To Industry 4.0 And Industrial Internet Of Things	IIT Khargpur	12 weeks	20/05/21 – 02/08/21	17/09/21
6	Introduction To Machine Learning	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
7	Fundamentals Of Artificial Intelligence	IIT Guwahati	12 weeks	20/05/21 – 02/08/21	17/09/21
8	Patent Drafting For Beginners	IIT Madras	04 weeks	20/05/21 – 02/08/21	20/08/21
9	The Joy Of Computing Using Python	IIT Ropar	12 weeks	20/05/21 – 02/08/21	17/09/21
10	Stress Management	IIT Khargpur	04 weeks	20/05/21 – 02/08/21	20/08/21

## NPTEL research oriented courses in this semester

S.No	Name of the course	Institutions details	Course duration	Course enrollment date	Exam registration due date
1	Fabrication Techniques For MEMs-based Sensors : Clinical Perspective	IISc Bangalore	12 weeks	20/05/21 – 02/08/21	17/09/21
2	Fundamentals Of Electronic Device Fabrication	IIT Madras	04 weeks	20/05/21 – 02/08/21	20/08/21
3	Fundamentals Of Micro And Nanofabrication	IISc Bangalore	12 weeks	20/05/21 – 02/08/21	17/09/21
4	Integrated Photonics Devices And Circuits	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
5	Introduction To Photonics	IIT Madras	12 weeks	20/05/21 – 02/08/21	17/09/21
6	Introduction To Research	IIT Madras	08 weeks	20/05/21 – 23/08/21	17/09/21
7	Microelectronics: Devices To Circuits	IIT Roorkee	12 weeks	20/05/21 – 02/08/21	17/09/21
8	Python For Data Science	IIT Madras	04 weeks	20/05/21 – 02/08/21	20/08/21

9	Signal Processing For Mm Wave Communication For 5G And Beyond	IIT Kharagpur	12 weeks	20/05/21 – 02/08/21	17/09/21
10	System Design Through VERILOG	IIT Guwahati	08 weeks	20/05/21 – 23/08/21	17/09/21

### **Important Links to get course details, registration:**

- List of the courses available - [NOC | All Courses \(nptel.ac.in\)](https://www.nptel.ac.in/noc)
- Swayam portal link for courses registration - [Swayam - NPTEL](https://www.swayam.gov.in)
- NPTEL Courses available in You Tube - [nptelhrd - YouTube](https://www.youtube.com/channel/UCv3p0D8311811111111111)