	Name of	Number of				Tentative Date		
Name of the Course	the Course Coordinat	Credit for the Course	Start date	End date	Discipline	of Examination of the Course	SWAYAM Course home page (URL)	Name of the Degree Program
	-				Р		Fuge (C-12)	
Aircraft Design	Prof. A.K.Ghosh	3	January 23, 2023	April 14, 2023	Aerospace Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ae01	All Degree Programs
Alleran Design	Tiol. A.R.Ghosh	3	January 23, 2023	Арін 14, 2023	Engineering	April 50, 2025	<u>c.m/noc25_aco1</u>	All Degree Hograms
Introduction to Experiments	Dunf A V Charl	1	I 22 2022	E-h 17, 2022	Aerospace	Manual 26, 2022	https://onlinecourses.nptel.a	A 11 D D
in Flight	Prof. A.K.Ghosh	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23_ae02	All Degree Programs
	Prof. K. Ramamurthi							
	Prof. V.				Aerospace		https://onlinecourses.nptel.a	
Rocket Propulsion	Nagabhushana Rao	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ae03	All Degree Programs
Computational Science in					Aerospace		https://onlinecourses.nptel.a	
Engineering	Prof. Ashok De	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ae04	All Degree Programs
					Aerospace		https://onlinecourses.nptel.a	
Lighter than Air Systems	Prof. Rajkumar S. Pant	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ae05	All Degree Programs
Fundamentals of Theoretical								
and Experimental					Aerospace		https://onlinecourses.nptel.a	
Aerodynamics	Prof. Arnab Roy	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ae06	All Degree Programs
Satellite Attitude Dynamics	Prof. Manoranjan				Aerospace		https://onlinecourses.nptel.a	
And Control	Sinha	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ae07	All Degree Programs
			-					
Instrumentation and Process	Prof. Ashis Kumar				A16		https://onlinecourses.nptel.a	
Control in Food Industry	Datta	2	January 23, 2023	March 17, 2023	Agriculture Engineering	March 26, 2023	c.in/noc23 ag01	All Degree Programs
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Novel Technologies For								
Food Processing And Shelf Life Extension	Prof. Hari Niwas Mishra	3	January 23, 2023	April 14, 2023	Agriculture Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ag02	All Degree Programs
LITE LAWISION	IVIIOIII a	3	Juliuary 23, 2023	11pm 17, 2023	Lugincering	7 ipini 50, 2025	0.111110023_ag02	The Degree 1 logialis
Cail Cairnes And Task of the	Prof. Somsubhra	2	I	A:1 14 2022	Agriculture	A:1 20, 2022	https://onlinecourses.nptel.a	A II Danna a Buan
Soil Science And Technology	Cnakraborty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ag03	All Degree Programs

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Machine Learning For Soil	Prof. Somsubhra				Agriculture		https://onlinecourses.nptel.a	
And Crop Management	Chakraborty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ag04	All Degree Programs
Cooling Technology: Why	,					1		0
and How utilized in Food								
Processing and allied	Prof. Tridib Kumar				Agriculture		https://onlinecourses.nptel.a	
Industries	Goswami	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ag05	All Degree Programs
	D 0 TTIG D 1		- 1 - 20 2022		Agriculture		https://onlinecourses.nptel.a	
Traction Engineering	Prof. Hifjur Raheman	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ag06	All Degree Programs
Soil And Water					Agriculture		https://onlinecourses.nptel.a	
Conservation Engineering	Prof. Rajendra Singh	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ag07	All Degree Programs
Conservation Engineering	1 101. Rajendra Siligii	3	January 23, 2023	Арти 14, 2023	Liigineering	April 27, 2023	c.m/noc25_ago7	All Degree Hograms
Engineering Mechanics -							https://onlinecourses.nptel.a	
Statics and Dynamics	Prof. Anubhab Roy	2	January 23, 2023	March 17, 2023	Applied Mechanics	March 26, 2023	c.in/noc23_me01	All Degree Programs
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Structure, Form, and	Prof. Shubhajit				Architecture and		https://onlinecourses.nptel.a	
Architecture : The Synergy	Sadhukhan	2	January 23, 2023	March 17, 2023	Planning	March 26, 2023	c.in/noc23_ar01	All Degree Programs
T . 1 . TT' . C							1 // 1:	
Introduction to History of Architecture in India	Prof. Pushkar Sohoni	1	January 23, 2023	February 17, 2023	Architecture and	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ar02	All Degree Programs
Architecture in India	PIOI. PUSIIKAI SOIIOIII	1	January 25, 2025	redition 17, 2025	rianning	March 20, 2025	<u>C.III/II0C23_aI02</u>	All Degree Programs
					Architecture and		https://onlinecourses.nptel.a	
User Interface Design	Prof. Saptarshi Kolay	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23 ar03	All Degree Programs
J	1				Ü			5 5
Environmental Impact	Prof. Harshit Sosan				Architecture and		https://onlinecourses.nptel.a	
Assessment	Lakra	3	January 23, 2023	April 14, 2023	Planning	April 30, 2023	c.in/noc23_ar04	All Degree Programs
Engineering/Architectural								
Graphics - part I -	D C A 11' A 1	2	22 2022	1 17 2022	Architecture and	1 26 2022	https://onlinecourses.nptel.a	AUD D
Orthographic projection	Prof. Avlokita Agrawal	2	January 23, 2023	March 17, 2023	Planning	March 26, 2023	c.in/noc23_ar05	All Degree Programs
Engineering/Architectural								
Graphics – part II – Isometric and Axonometric					Architecture and		httma://onling	
Drawings	Prof. Avlokita Agrawal	1	January 23, 2023	February 17, 2023		March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ar06	All Degree Programs
Diawings	1 101. Aviokita Agrawai	1	January 23, 2023	1 coruary 17, 2023	ı ıanınıg	Iviaicii 20, 2023	<u>c.m/noc25_a100</u>	All Degree Flograms

	Prof. Debapratim				Architecture and		https://onlinecourses.nptel.a	
Urban Services Planning	Pandit	3	January 23, 2023	April 14, 2023	Planning	April 29, 2023	c.in/noc23_ar07	All Degree Programs
					A 122 A GC 11		1 // 12	
Strategies for Sustainable Design	Prof. Shiva Ji	3	January 23, 2023	April 14, 2023	Architecture, Civil and Design	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ce01	All Degree Programs
Besign	Tron. Shrva vi			11011111, 2023	una Design	1 15111 30, 2023	<u> </u>	Tin Begree Fregrams
Maternal Infant Young Child Nutrition	Prof. Rupal Dalal	3	January 23, 2023	April 14, 2023	Biological science	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 bt01	All Degree Programs
Cina rutrition	1 Tol. Rupui Bului	<u> </u>	34H441 y 23, 2023	71pm 1 1, 2023	Biological science	7 tprii 30, 2023	<u>c.m/noc25_oto1</u>	7th Degree Frograms
मात् शिश् युवा बाल पोषण	Prof. Rupal Dalal	3	January 23, 2023	April 14, 2023	Biological science	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23 bt02	All Degree Programs
नातृ ।रासु चुना नारा नानन	Troi. Rupur Bulur	<u> </u>	34H441 y 23, 2023	11pm 11, 2023	Biological science	7 tprii 29, 2023	<u> </u>	7 th Degree 1 Tograms
RNA Biology	Prof. Rajesh Ramachandran	3	January 22, 2022	April 14, 2023	Dielogy	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23 bt03	All Degree Programs
RNA Biology	Kamachandran	3	January 23, 2023	April 14, 2023	Biology	April 29, 2023	C.III/110C23_0103	All Degree Programs
- · ·	D 077 H				Biomedical		https://onlinecourses.nptel.a	
Biomechanics	Prof. Varadhan	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_bt04	All Degree Programs
Enzyme Sciences and					Biotechnology and		https://onlinecourses.nptel.a	
Technology	Prof. Vishal Trivedi	3	January 23, 2023	April 14, 2023	Bioengineering	April 29, 2023	c.in/noc23_bt05	All Degree Programs
	Prof. Pinaki Sar				Biotechnology and		https://onlinecourses.nptel.a	
Metabolic Engineering	Prof. Amit Ghosh	2	January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt06	All Degree Programs
Environmental Chemistry	Prof. Anjali Pal				Biotechnology and		https://onlinecourses.nptel.a	
And Microbiology	Prof. Sudha Goel	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt07	All Degree Programs
Aspects Of Biochemical					Biotechnology and		https://onlinecourses.nptel.a	
Engineering	Prof. Debabrata Das	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt08	All Degree Programs
Introduction to Professional					Biotechnology and		https://onlinecourses.nptel.a	
Scientific Communication	Prof. S. Ganesh	1	January 23, 2023	February 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt09	All Degree Programs

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					Biotechnology and		https://onlinecourses.nptel.a	
Human Molecular Genetics	Prof. S. Ganesh	1	January 23, 2023	February 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt10	All Degree Programs
	D 0 D							
Introductory Mathematical Methods for Biologists	Prof. Ranjit Padinhateeri	2	January 22, 2022	March 17 2022	Biotechnology and	March 26, 2022	https://onlinecourses.nptel.a c.in/noc23 bt11	A 11 Dagmaa Duggmama
Methods for Biologists	radililateeri		January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	C.III/110C23_0t11	All Degree Programs
BioInformatics: Algorithms					Biotechnology and		https://onlinecourses.nptel.a	
and Applications	Prof. Michael Gromiha	3	January 23, 2023	April 14, 2023	Bioengineering	April 29, 2023	c.in/noc23_bt12	All Degree Programs
Biostatistics and Design of					Biotechnology and		https://onlinecourses.nptel.a	
experiments	Prof. Mukesh Doble	2	January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt13	All Degree Programs
Computational Systems					Biotechnology and		https://onlinecourses.nptel.a	
Biology	Prof. Karthik Raman	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23 bt14	All Degree Programs
							_	
	Prof. Srinivas				Diotochnology and		httms://onlineacourses.metal.o	
Demystifying The Brain	Chakravarthy	1	January 23, 2023	February 17, 2023	Biotechnology and Bioengineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 bt15	All Degree Programs
Demystrying The Blum	Chakravarthy	1	Junuary 23, 2023	1 cordary 17, 2023	Bioengineering	14141011 20, 2023	<u> </u>	7 th Degree 1 rograms
Material and Energy	Prof. Vignesh				Biotechnology and		https://onlinecourses.nptel.a	
Balances	Muthuvijayan	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt16	All Degree Programs
					Biotechnology and		https://onlinecourses.nptel.a	
Medical Biomaterials	Prof. Mukesh Doble	2	February 20, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt17	All Degree Programs
Thermodynamics for								
Biological Systems:	Prof. Suraishkumar G				D' 1 1 1		1 // 12	
Classical and Statistical	K Duef Coniile Commenti	2	1 22 2022	A:1 1.4 2022	Biotechnology and	A:1 20, 2022	https://onlinecourses.nptel.a	A 11 D D
Aspect	Prof. Sanjib Senapati	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt18	All Degree Programs
Bioengineering: An Interface	_				Biotechnology and		https://onlinecourses.nptel.a	
with Biology and Medicine	Srivastava	2	January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt19	All Degree Programs
Interactomics : Basics &	Prof. Sanjeeva				Biotechnology and		https://onlinecourses.nptel.a	
Applications	Srivastava	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt20	All Degree Programs

					Biotechnology and		https://onlinecourses.nptel.a	
Biochemistry - IITM	Prof. Subramaniam K	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt21	All Degree Programs
D' 1 D 1					D' (1 1 1		1 // 1	
Bioreactor Design and Analysis	Prof. Smita Srivastava	2	January 23, 2023	March 17, 2023	Biotechnology and Bioengineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 bt22	All Degree Programs
Anarysis	1101. Silita Silvastava		January 23, 2023	Widien 17, 2025	Dioengineering	Water 20, 2023	<u>C.III/110C23_0t22</u>	An Degree Frograms
					Biotechnology and		https://onlinecourses.nptel.a	
Structural Biology	Prof. Saugata Hazra	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt23	All Degree Programs
					Biotechnology and		https://onlinecourses.nptel.a	
Plant Developmental Biology	Prof. Shri Ram Yadav	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23_bt24	All Degree Programs
Basics of Biology	Prof. Vishal Trivedi	3	January 23, 2023	April 14, 2023	Biotechnology and Bioengineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 bt25	All Degree Programs
Dasies of blology	Pioi. Visital lilvedi	3	January 25, 2025	April 14, 2023	Бюендинеетинд	April 50, 2025	C.III/IIOC23_0t23	All Degree Flograms
					Biotechnology and		https://onlinecourses.nptel.a	
Data Analysis for Biologists	Prof. Biplab Bose	2	January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt26	All Degree Programs
					Biotechnology and		https://onlinecourses.nptel.a	
Biointerface Engineering	Prof. Lalit M. Pandey	2	February 20, 2023	April 14, 2023	Bioengineering	April 29, 2023	c.in/noc23_bt27	All Degree Programs
Conservation Economics	Prof. Ankur Awadhiya	3	January 23, 2023	April 14, 2023	Biotechnology and Bioengineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 bt28	All Degree Programs
Conservation Economics	Fioi. Alikui Awadiliya	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	<u>C.III/IIOC23_0t28</u>	All Degree Flograms
Forests and their					Biotechnology and		https://onlinecourses.nptel.a	
Management	Prof. Ankur Awadhiya	3	January 23, 2023	April 14, 2023	Bioengineering	April 30, 2023	c.in/noc23_bt29	All Degree Programs
Nanotechnology In					Biotechnology and		https://onlinecourses.nptel.a	
Agriculture	Prof. Mainak Das	2	January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt30	All Degree Programs
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Dia alaatuu ahamistuu	Draf Mainals Das	1	January 22, 2022	Eahman, 17, 2022	Biotechnology and	March 26, 2022	https://onlinecourses.nptel.a	A 11 Doggeo Broggeor
Bioelectrochemistry	Prof. Mainak Das	1	January 23, 2023	February 17, 2023	Bioengineering	March 26, 2023	<u>c.in/noc23_bt31</u>	All Degree Programs

Cell Biology: Cellular								
organization, division and					Biotechnology and		https://onlinecourses.nptel.a	
processes	Prof. Shikha Laloraya	2	January 23, 2023	March 17, 2023	Bioengineering	March 26, 2023	c.in/noc23_bt32	All Degree Programs
Host-Pathogen Interaction					Biotechnology and		https://onlinecourses.nptel.a	
(Immunology)	Prof. Himanshu Kumar	3	January 23, 2023	April 14, 2023	Bioengineering	April 29, 2023	c.in/noc23 hs05	All Degree Programs
(IIIIII WII CIC BJ)	110111111111111111111111111111111111111		20, 20, 2020	1.pm 1., 2025		11pm 25, 2025	<u></u>	I III D egico i regiumo
Engineering	D 0.7			1.7. 1.47. 2022	Chemical		https://onlinecourses.nptel.a	
Thermodynamics	Prof. Jayant K. Singh	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ch01	All Degree Programs
Basic Principles and								
Calculations in Chemical	Prof. Subrata Kumar				Chemical		https://onlinecourses.nptel.a	
Engineering	Majumdar	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch02	All Degree Programs
	D CCI . I				CI : 1		1 // 12	
Fluid Flow Operations	Prof. Subrata Kumar Majumdar	3	January 23, 2023	April 14, 2023	Chemical Engineering	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 ch03	All Degree Programs
riuid riow Operations	Majumdar	3	January 23, 2023	April 14, 2023	Engineering	April 50, 2025	<u>C.III/II0C23_CII03</u>	All Degree Flograms
Computer Aided Applied								
Single Objective					Chemical		https://onlinecourses.nptel.a	
Optimization	Prof. Prakash Kotecha	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch04	All Degree Programs
					Chemical		https://onlinecourses.nptel.a	
Waste to Energy Conversion	Prof. P. Mondal	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ch05	All Degree Programs
waste to Energy Conversion	1101111111011011		20, 20, 2020	177.025	z.ng.meer.mg		<u></u>	I III D egico i regiumo
	Prof. Ganesh				Chemical		https://onlinecourses.nptel.a	
Heat Transfer	Viswanathan	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch06	All Degree Programs
Chemical Reaction	Prof. Ganesh				Chemical		https://onlinecourses.nptel.a	
Engineering II	Vishwanathan	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch07	All Degree Programs
	D CIZ 411				Cl. : 1		1	
Membrane Technology	Prof. Kaustubha Mohanty	3	January 23, 2023	April 14, 2023	Chemical Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ch08	All Degree Programs
Wiemorane reemiology	ivioliality	J	January 23, 2023	дриг 14, 2023	Lingincomig	April 50, 2025	C.III/110C23_C1106	All Degree Flograms
Applied Time-Series					Chemical		https://onlinecourses.nptel.a	
Analysis	Prof. Arun K Tangirala	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch09	All Degree Programs

Computational Fluid					Chemical		https://onlinecourses.nptel.a	
Dynamics	Prof. Srinivas Jayanti	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch10	All Degree Program
Process Control - Design, Analysis and Assessment	Prof. Ragunathan Rengasamy	3	January 23, 2023	April 14, 2023	Chemical Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ch11	All Degree Programs
Analysis and Assessment	Rengasaniy	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.ni/noc25_cn11	All Degree Flograms
Chemical Engineering					Chemical		https://onlinecourses.nptel.a	
Thermodynamics	Prof. Sasidhar Gumma	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch12	All Degree Programs
Electrochemical Technology					Chemical		https://onlinecourses.nptel.a	
in Pollution Control	Prof. J. R. Mudakavi	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ch13	All Degree Programs
26.12.1	Prof. Rajesh Kumar			1.5	Chemical		https://onlinecourses.nptel.a	
Multiphase Flows	Upadhyay	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ch14	All Degree Programs
F 10 14					C11		1.4//1	
Environmental Quality Monitoring & Analysis	Prof. Ravi Krishna R	3	January 23, 2023	April 14, 2023	Chemical Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23_ch15	All Degree Programs
Chemical Process					Chemical		https://onlinecourses.nptel.a	
Technology	Prof. Tamal Banerjee	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch16	All Degree Programs
Biological process design for		2	E.1	A	Chemical	A	https://onlinecourses.nptel.a	A 11 D
wastewater treatment	Srivastava	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch17	All Degree Programs
Introduction To Process								
Modeling In The Membrane Separation Process	Prof. Sirshendu De	1	January 22, 2022	February 17, 2023	Chemical	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ch18	All Degree Programs
Separation Process	Fioi. Siishendu De	1	January 23, 2023	reducity 17, 2023	Engineering	Waren 20, 2023	<u>C.III/II0C23_CII18</u>	All Degree Flograms
	Prof. Rabibrata				Chemical		https://onlinecourses.nptel.a	
Soft Nano Technology	Mukherjee	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ch19	All Degree Programs
Mass Momentum And								
Energy Balances In					Chemical		https://onlinecourses.nptel.a	
Engineering Analysis	Prof. Pavitra Sandilya	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	<u>c.in/noc23_ch20</u>	All Degree Programs

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Transport Phenomena	Prof. Sunando	3	January 23, 2023	April 14, 2023	Chemical Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ch21	All Degree Programs
Transport Phenomena	Dasgupta	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	C.III/IIOC23_CII21	All Degree Programs
Optimization In Chemical					Chemical		https://onlinecourses.nptel.a	
Engineering	Prof. Debasis Sarkar	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch22	All Degree Programs
Chemical Process					Chemical		https://onlinecourses.nptel.a	
Instrumentation	Prof. Debasis Sarkar	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ch23	All Degree Programs
	Tren B Couple Surna		Junium J 20, 2020	11pm 1 1, 2025		1 12111 5 0, 2 0 2 5	<u> </u>	in Begree Fregrams
Chemical Engineering					Chemical		https://onlinecourses.nptel.a	
Thermodynamics - IITKGP	Prof. Gargi Das	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch24	All Degree Programs
Advanced Thermodynamics	Prof. Prateek Kumar				Chemical		https://onlinecourses.nptel.a	
and Molecular Simulations	Jha	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ch25	All Degree Programs
							_	
D F : (D :	D C Cl 1' IZI	2	22 2022	1 14 2022	Chemical	1 20 2022	https://onlinecourses.nptel.a	
Process Equipment Design	Prof. Shabina Khanam	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch26	All Degree Programs
Unit operations of					Chemical		https://onlinecourses.nptel.a	
particulate matter	Prof. Shabina Khanam	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23_ch27	All Degree Programs
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Chemical Process Utilities	Prof. Shishir Sinha	3	January 23, 2023	April 14, 2023	Chemical Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 ch28	All Degree Programs
Chemical Frocess Children	1 tot. Shishii Shilla	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	<u>C.III/110C23_CI128</u>	All Degree Flograms
Polymer Reaction					Chemical		https://onlinecourses.nptel.a	
Engineering	Prof. Shishir Sinha	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch29	All Degree Programs
Physico-chemical processes	Prof. Vimal Chandra				Chemical		https://onlinecourses.nptel.a	
for wastewater treatment	Srivastava	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ch30	All Degree Programs
carbene based		-	<i>j</i> ==, = 9 = 5	1,	<i>gg</i>	1,		· -88
Organometallic Compounds								
as Industrially Important					Chemical		https://onlinecourses.nptel.a	
Advanced Polyolefin	Prof. Sanjib K. Patra	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch31	All Degree Programs

	Prof. Rabibrata							
Chemical Engineering Fluid	Mukherjee				Chemical		https://onlinecourses.nptel.a	
Dynamics and Heat Transfer	Prof. Arnab Atta	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ch32	All Degree Programs
								5 5
Biomass Conversion and	Prof. Kaustubha				Chemical		https://onlinecourses.nptel.a	
Biorefinery	Mohanty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ch33	All Degree Programs
Bioleinicry	Wionanty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	<u>C.III/110C23_CII33</u>	All Degree Frograms
Aspen Plus® simulation								
software - a basic course for					Chemical		https://onlinecourses.nptel.a	
beginners	Prof. Prabirkumar Saha	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch34	All Degree Programs
	Prof. Vaibhav Vasant							
Renewable Energy	Goud							
Engineering: Solar, Wind	Prof. R.	2	22 2022		Chemical		https://onlinecourses.nptel.a	. II D D
and Biomass Energy Systems	Anandalakshmi	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ch35	All Degree Programs
Physical and								
Electrochemical					C1 : 1		1 // 1	
Characterization in	D C T 1 D	2	1	M1. 17. 2022	Chemical	M1. 26, 2022	https://onlinecourses.nptel.a c.in/noc23 ch36	A 11 D
Chemical Engineering	Prof. Tamal Banerjee	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	C.1II/110C23_CII30	All Degree Programs
	Prof. Raghvendra				Chemical		https://onlinecourses.nptel.a	
Multiphase Microfluidics	Gupta	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ch37	All Degree Programs
Thermodynamics Of Fluid					Chemical		https://onlinecourses.nptel.a	
Phase Equilibria	Prof. Jayant K. Singh	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ch38	All Degree Programs
r nase Equinoria	1 101. Jayant K. Singii	2	January 23, 2023	Water 17, 2023	Engineering,	Water 20, 2023	C.III/110C25_C1156	An Degree Hograms
					Biotechnology, Food			
Inorganic Chemical					Technology, Textile		https://onlinecourses.nptel.a	
Technology	Prof. Nanda Kishore	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ch39	All Degree Programs
8,7		-	3 - 7 - 1		8 8	., .,		8 8
Madah Duamu					Chaminal		1.44//1:	
Matlab Programming for Numerical Computation	Prof. Niket Kaisare	3	January 22, 2022	A mail 14, 2022	Chemical	A muil 20, 2022	https://onlinecourses.nptel.a c.in/noc23 ch42	All Doorse Programs
Numerical Computation	rioi. Niket Kaisare	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	<u>c.m/noc23_cn42</u>	All Degree Programs
							https://onlinecourses.nptel.a	
Organometallic Chemistry	Prof. Debabrata Maiti	1	January 23, 2023	February 17, 2023	Chemistry	March 26, 2023	c.in/noc23_cy01	All Degree Programs
Basics in Inorganic							https://onlinecourses.nptel.a	
Chemistry	Prof. D. Maiti	1	January 23, 2023	February 17, 2023	Chemistry	March 26, 2023	c.in/noc23_cy02	All Degree Programs

Essentials of Biomolecules :	Prof. Lal Mohan						https://onlinecourses.nptel.a	
Nucleic Acids and Peptides	Kundu	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23 cy03	All Degree Programs
1			,			1		
Transition Metal								
Organometallics in Catalysis	D 0 D 61 1						https://onlinecourses.nptel.a	
and Biology	Prof. P. Ghosh	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy04	All Degree Programs
Advanced Transition Metal							https://onlinecourses.nptel.a	
Organometallic Chemistry	Prof. P. Ghosh	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy05	All Degree Programs
Advanced Chemical								
Thermodynamics and							https://onlinecourses.nptel.a	
Kinetics	Prof. Arijit Kumar De	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy06	All Degree Programs
D : 4 1 .								
Basic thermodynamics: Classical and Statistical							https://onlinecourses.nptel.a	
Approaches	Prof. Arnab Mukherjee	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23 cy07	All Degree Programs
	J		•	,				0
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Chemistry - II	Prof. K.Mangal Sundar	2	January 23, 2023	March 17, 2023	Chemistry	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 cy08	All Degree Programs
	gg			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	D 0.0 D 1:							
Fundamentals of Spectroscopy	Prof. Sayan Bagchi Prof. Anirban Hazra	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 cy09	All Degree Programs
эреспозсору	1101. Allifodii IIazia	<u> </u>	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	C.III/IIOC23_Cy09	All Degree Hograms
	Prof. Harinath	2	22 2022		CI.		https://onlinecourses.nptel.a	
Medicinal Chemistry	Chakrapani	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy10	All Degree Programs
Pericyclic Reactions and	D. C.C. I	2		1 1 2 2 2 2 2	GI	1 0 4 0 0 0 0 0 0	https://onlinecourses.nptel.a	
Organic Photochemistry	Prof. Sankararaman	2	January 23, 2023	March 17, 2023	Chemistry	March 26, 2023	c.in/noc23_cy11	All Degree Programs
							https://onlinecourses.nptel.a	
Ultrafast laser spectroscopy	Prof. Anindya Datta	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy12	All Degree Programs
Molecular Spectroscopy: A								
Physical Chemist's							https://onlinecourses.nptel.a	
perspective	Prof. Anindya Datta	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy13	All Degree Programs

Chemistry Of Main Group							https://onlinecourses.nptel.a	
Elements	Prof. M.S. Balakrishna	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy14	All Degree Programs
							https://onlinecourses.nptel.a	
Bioinorganic Chemistry	Prof. S. P. Rath	1	January 23, 2023	February 17, 2023	Chemistry	March 26, 2023	c.in/noc23 cy15	All Degree Programs
Bremergame enemous	Prof. Neeraja		25, 2025	10010001 17, 2020	enemou y	177447611 20, 2025	<u> </u>	I III D egico I regiume
	Dashaputre Dashaputre							
Introductory Organic	Prof. Harinath						https://onlinecourses.nptel.a	
Chemistry I	Chakrapani	2	February 20, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23_cy16	All Degree Programs
Symmetry, Stereochemistry	Prof. Angshuman Roy						https://onlinecourses.nptel.a	
and Applications	Choudhury	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23_cy17	All Degree Programs
							https://onlinecourses.nptel.a	
Symmetry and Group Theory	Prof. Jeetender Chugh	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	c.in/noc23 cy18	All Degree Programs
symmetry and steap interj	Tron vectoriaer enagn		25, 2025	1 pm 1 1, 2020	- Chemisury	119111 50, 2025	<u> </u>	I III D egico I regiume
	Prof. Angshuman Roy						https://onlinecourses.nptel.a	
Elementary Electrochemistry	Choudhury	2	February 20, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23_cy19	All Degree Programs
Reactive Intermediates	D CD : 1:G		22 2022	E 1 15 2022	CI.	1 26 2022	https://onlinecourses.nptel.a	4 11 D
Carbene And Nitrene	Prof. Rajarshi Samanta	1	January 23, 2023	February 17, 2023	Chemistry	March 26, 2023	c.in/noc23_cy20	All Degree Programs
	Prof. B.S.Tomar						https://onlinecourses.nptel.a	
Nuclear and Radiochemistry	Prof. P.K.Mohapatra	3	January 23, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23 cy21	All Degree Programs
Trustom uno ruore enement	Tron Tizzinzenapana		25, 2025	11,2020	enemou y	11,511,23,2025	<u></u>	I III D egico I regiume
	Prof. Srinivasan						https://onlinecourses.nptel.a	
Organic Chemistry I (Tamil)	Venkataraman	1	February 20, 2023	March 17, 2023	Chemistry	April 29, 2023	c.in/noc23_cy22	All Degree Programs
And Reactivity Of Organic								
Compounds And								
Intermediates: A Problem-	D CA ND 1	2	22 2022	1 17 2000		1.06.0000	https://onlinecourses.nptel.a	111 D D
solving Approach	Prof. Amit Basak	2	January 23, 2023	March 17, 2023	Chemistry	March 26, 2023	c.in/noc23_cy23	All Degree Programs
Introduction To Molecular	Prof. Srabani						https://onlinecourses.nptel.a	
Thermodynamics	Taraphder	2	January 23, 2023	March 17, 2023	Chemistry	March 26, 2023	c.in/noc23 cy24	All Degree Programs
	apav.			17, 2023				z -g z 1 rogramo

Approximate Methods In Quantum Chemistry	Prof. Sabyashachi Mishra	2	January 23, 2023	March 17, 2023	Chemistry	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 cy25	All Degree Programs
Qualitum Chemistry	IVIISIII a	<u>L</u>	January 23, 2023	Wiaicii 17, 2023	Chemistry	Water 20, 2023	C.III/IIOC23_Cy23	All Degree Flograms
Co-Ordination Chemistry								
(Chemistry Of Transition							https://onlinecourses.nptel.a	
Elements)	Prof. Debashis Ray	3	January 23, 2023	April 14, 2023	Chemistry	April 29, 2023	<u>c.in/noc23_cy26</u>	All Degree Programs
Industrial Inorganic							https://onlinecourses.nptel.a	
Chemistry	Prof. Debashis Ray	3	January 23, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23 cy27	All Degree Programs
Chemistry	1 Tol. Debusins Ruy		Junuary 23, 2023	71pm 11, 2023	Chemistry	7 tpi ii 29, 2023	<u> </u>	7 th Degree 1 logiums
A Study Guide In Organic								
Retrosynthesis: Problem							https://onlinecourses.nptel.a	
Solving Approach	Prof. Samik Nanda	3	January 23, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23_cy28	All Degree Programs
	D C C							
	Prof. Swagata Dasgupta						https://onlinecourses.nptel.a	
Experimental Biochemistry	Prof. Soumya De	3	January 23, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23 cy29	All Degree Programs
Experimental Broomenistry	Tion soungu Be		Junuary 23, 2023	11011111, 2023	Chemistry	115111 25, 2025	<u>0.1111110023_0y2)</u>	Thi Begree Fregrams
	Prof. Swagata						https://onlinecourses.nptel.a	
Biochemistry	Dasgupta	3	January 23, 2023	April 14, 2023	Chemistry	April 29, 2023	c.in/noc23_cy30	All Degree Programs
Essentials of Oxidation,								
Reduction and C-C Bond	Prof. Yashwant D						httms://onlineacyuraes.nntal.o	
Formation. Application in Organic Synthesis	Vankar	3	January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 cy31	All Degree Programs
Organic Synthesis	v alikai		January 23, 2023	April 14, 2023	Chemistry	April 30, 2023	C.III/110C23_Cy31	All Degree Hograms
Thermodynamics: Classical					Chemistry and		https://onlinecourses.nptel.a	
To Statistical	Prof. Sandip Paul	3	January 23, 2023	April 14, 2023	Biochemistry	April 29, 2023	c.in/noc23_cy32	All Degree Programs
Chemical kinetics and					Chemistry And		https://onlinecourses.nptel.a	
transition state theory	Prof. Amber Jain	2	January 23, 2023	March 17, 2023	Biochemistry	March 26, 2023	c.in/noc23 cy33	All Degree Programs
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Goology and Sail Machania	Drof Drivanta Chast	3	January 22, 2022	April 14, 2023	Civil Engineering	April 20, 2022	https://onlinecourses.nptel.a	
Geology and Soil Mechanics	F101. FIIyanka Gnosh	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce02	All Degree Programs
							https://onlinecourses.nptel.a	
Geotechnical Engineering - 1	Prof. D. N. Singh	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce03	All Degree Programs

							https://onlinecourses.nptel.a	
Geomorphology	Prof. Pitambar Pati	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce04	All Degree Programs
Digital Land Surveying And	Prof Javanta Kumar						https://onlinecourses.nptel.a	
Mapping (DLS&M)	Ghosh	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23 ce05	All Degree Programs
Maintenance and Repair of	Prof. Radhakrishna G.						https://onlinecourses.nptel.a	
Concrete Structures	Pillai	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce06	All Degree Programs
	Prof. Ramancharala						https://onlinecourses.nptel.a	
Structural Dynamics	Pradeep Kumar	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce07	All Degree Programs
Introduction to Accounting								
and Finance for Civil	Prof. K. N. Jha	2	1 22 2022	M 1 17 2022	C: 11 F : :	1 26 2022	https://onlinecourses.nptel.a	All D
Engineers	Prof. Sudhir Misra	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce08	All Degree Programs
Development and								
Applications of Special							https://onlinecourses.nptel.a	
Concretes	Prof. Sudhir Misra	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce09	All Degree Programs
4 1 1 7 1							1 // 1	
Applied Environmental Microbiology	Prof. Gargi Singh	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 ce10	All Degree Programs
Wicrobiology	Fior. Gargi Siligii		January 23, 2023	April 14, 2023	Civil Eligilicering	April 29, 2023	C.III/IIOC23_CETO	All Degree Flograms
Environmental Remediation	Prof. Bhanu Prakash						https://onlinecourses.nptel.a	
of Contaminated Sites	Vellanki	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce11	All Degree Programs
Water and waste water	Prof. Bhanu Prakash						https://onlinecourses.nptel.a	
treatment	Vellanki	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23 ce12	All Degree Programs
		-	3 = 7 7 = 2	, , ,	<i>5</i> 8	1 1/1		8 8
	D 0 D 11111						https://onlinecourses.nptel.a	
Rock Engineering	Prof. Priti Maheshwari	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce13	All Degree Programs
	Prof. Bhola Ram						https://onlinecourses.nptel.a	
Air Pollution and Control	Gurjar	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	c.in/noc23_ce14	All Degree Programs

							https://onlinecourses.nptel.a	
Remote Sensing Essentials	Prof. Arun K. Saraf	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23 ce15	All Degree Programs
remote sensing Essentials	Tion Than it. Salar		Junuary 23, 2023	11pm 11, 2025	CIVII Engineering	11pm 25, 2025	<u> </u>	Tin Begree Trograms
Geographic Information	D C A W G C	2	22 2022		C' 'I F		https://onlinecourses.nptel.a	
Systems	Prof. Arun K. Saraf	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce16	All Degree Programs
Earthquake Resistant Design	Prof. B. K.						https://onlinecourses.nptel.a	
of Foundations	Maheshwari	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce17	All Degree Programs
	Prof. Manu Santhanam							
	Prof. Radhakrishna						https://onlinecourses.nptel.a	
Basic construction materials	G. Pillai	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	c.in/noc23 ce18	All Degree Programs
			,					
	Prof. Ravindra Gettu							
Introduction to Civil	Prof. Subhadeep				a		https://onlinecourses.nptel.a	
Engineering Profession	Banerjee	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce19	All Degree Programs
Characterization of	Prof. Manu Santhanam						https://onlinecourses.nptel.a	
Construction Materials	Prof. Piyush Chaunsali	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	c.in/noc23_ce20	All Degree Programs
Vibration of Continuous							1.44	
Systems Systems	Prof. Sudip Talukdar	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 ce21	All Degree Programs
Systems .	Tron Swaip Turunum		25, 2025	11pm 1 1, 2020	erra Engineering	11pm 25, 2025	<u> </u>	Tim Degree Tregrams
Introduction to Lean								
Construction (Module 1 -	Prof. Koshy Varghese						https://onlinecourses.nptel.a	
Lean Basics)	Prof. N Raghavan	1	January 23, 2023	February 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce22	All Degree Programs
Microwave Remote Sensing							https://onlinecourses.nptel.a	
in Hydrology	Prof. J. Indu	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	c.in/noc23_ce23	All Degree Programs
Daniela Canaina, Daie dale	Des f. Esses						1.44//1:	
Remote Sensing: Principles and Applications	Prof. Eswar Rajasekaran	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ce24	All Degree Programs
and reprioutions	rajasekurun	<i>y</i>	Junuary 25, 2025	11p.11 1 1, 2023	CITI Digmeering	1 pm 50, 2025	<u> </u>	In Degree Hograms
Electronic Waste								
Management - Issues And	Prof. Brajesh Kumar						https://onlinecourses.nptel.a	
Challenges	Dubey	1	January 23, 2023	February 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce25	All Degree Programs

Geo Spatial Analysis In Urban Planning	Prof. Saikat Kumar Paul	1	January 23, 2023	February 17, 2023	Civil Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ce26	All Degree Programs
Orban Framming	raui	1	January 23, 2023	reordary 17, 2023	Civil Eligilicering	Watch 20, 2023	C.III/IIOC23_Ce20	All Degree Flograms
Probability Methods In Civil		2	22 2022		C' TE · ·		https://onlinecourses.nptel.a	
Engineering	Prof. Rajib Maity	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce27	All Degree Programs
							https://onlinecourses.nptel.a	
Structural Analysis-I	Prof. Amit Shaw	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	c.in/noc23_ce28	All Degree Programs
							https://onlinecourses.nptel.a	
Traffic Engineering	Prof. Bhargab Maitra	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce29	All Degree Programs
Urban Transportation							https://onlinecourses.nptel.a	
Systems Planning	Prof. Bhargab Maitra	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce30	All Degree Programs
	Prof. Biswanath							
	Banerjee						https://onlinecourses.nptel.a	
Finite Element Method	Prof. Amit Shaw	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce31	All Degree Programs
Geotechnical Engineering II	Prof. Dilip Kumar						https://onlinecourses.nptel.a	
Foundation Engineering	Baidya	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce32	All Degree Programs
Advanced Foundation							https://onlinecourses.nptel.a	
Engineering	Prof. Kousik Deb	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce33	All Degree Programs
							https://onlinecourses.nptel.a	
Soil Structure Interaction	Prof. Kousik Deb	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce34	All Degree Programs
	Prof. Mohammad						https://onlinecourses.nptel.a	
Hydraulic Engineering	Saud Afzal	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce35	All Degree Programs
Retrofitting and Rehabilitation of Civil	Prof. Swati Maitra Prof. Sriman						https://onlinecourses.nptel.a	
Infrastructure	Bhattacharya	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce36	All Degree Programs

	Prof. Manoj Kumar						https://onlinecourses.nptel.a	
Water Supply Engineering	Tiwari	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23 ce37	All Degree Programs
11.7				•	5			
Comfort Water Hardwale and	Doof Daith Maite	2	1 22 2022	A	Civil Engineening	A:1 20, 2022	https://onlinecourses.nptel.ac.in/noc23 ce38	A 11 D D
Surface Water Hydrology	Prof. Rajib Maity	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	<u>C.III/IIOC23_Ce38</u>	All Degree Programs
Mineral Resources: Geology								
Exploration Economics And							https://onlinecourses.nptel.a	
Environment	Prof. M. K. Panigrahi	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce39	All Degree Programs
Introduction To Mineral	Prof. Arun Kumar						https://onlinecourses.nptel.a	
Processing	Majumder	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23 ce40	All Degree Programs
11000ssmg	Triagania or		0 411441 7 25, 2025		oren Engineering	11pm 23, 2025	<u> </u>	I m 2 egree 1 regrums
	Prof. Paramita						https://onlinecourses.nptel.a	
Soil Dynamics	Bhattacharya	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce41	All Degree Programs
	Prof. J. Uma						https://onlinecourses.nptel.a	
Safety in Construction	Maheswari	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce42	All Degree Programs
	D 0.7.7.							
Scheduling Techniques in Projects	Prof. J. Uma Maheswari	1	January 23, 2023	February 17, 2023	Civil Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ce43	All Degree Programs
Tojects	Maneswari	1	January 23, 2023	1 cordary 17, 2023	CIVII Eligilicering	Water 20, 2023	C.III/110C23_CC43	All Degree Hograms
							https://onlinecourses.nptel.a	
Engineering Hydrology	Prof. Sreeja Pekkat	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce44	All Degree Programs
							https://onlinecourses.nptel.a	
Expansive Soil	Prof. Anil K. Mishra	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23 ce45	All Degree Programs
*				ĺ				
Construction Methods And	Prof. Indu Siva	2	1	M	C'-il Facilitati	M1. 26, 2022	https://onlinecourses.nptel.a	A 11 D D
Equipment Management	Ranjani Gandhi	2	January 23, 2023	March 17, 2023	Civil Engineering	March 26, 2023	c.in/noc23_ce46	All Degree Programs
							https://onlinecourses.nptel.a	
Advanced Soil Mechanics	Prof. Sreedeep S	3	January 23, 2023	April 14, 2023	Civil Engineering	April 30, 2023	<u>c.in/noc23_ce47</u>	All Degree Programs

	Prof. Tadikonda						https://onlinecourses.nptel.a	
Unsaturated Soil Mechanics	Venkata Bharat	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23 ce48	All Degree Programs
	Neethu Roy (NR)		-	_			_	
	A. Padmarekha (APR)							
Analysis and Design of	J. Murali Krishnan						https://onlinecourses.nptel.a	
Bituminous Pavements	(JMK)	3	January 23, 2023	April 14, 2023	Civil Engineering	April 29, 2023	c.in/noc23_ce49	All Degree Programs
					Civil Engineering			
					and Architecture		https://onlinecourses.nptel.a	
Concrete Technology	Prof. B. Bhattacharjee	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ce50	All Degree Programs
Energy Efficiency,					Civil Engineering			
Acoustics and Daylighting					and Architecture		https://onlinecourses.nptel.a	
in Building	Prof. B. Bhattacharjee	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	<u>c.in/noc23_ce51</u>	All Degree Programs
					Civil Engineering,			
					Rural Development,			
Remote Sensing and GIS for					Earth Science,		https://onlinecourses.nptel.a	
rural development	Chinnasamy	3	January 23, 2023	April 14, 2023	Geology	April 29, 2023	c.in/noc23_ce52	All Degree Programs
					Civil			
FEM & Constitutive	D CKD : 1	2	22 2022		Engineering/Geotech		https://onlinecourses.nptel.a	4 11 D D
Modelling in Geomechanics	Prof. K Rajagopal	3	January 23, 2023	April 14, 2023	nical Engineering	April 29, 2023	c.in/noc23_ce53	All Degree Programs
Randomized Methods in					Computer Science &		https://onlinecourses.nptel.a	
Complexity	Prof. Nitin Saxena	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 cs01	All Degree Programs
Complexity	1 101. Tutini baxena		Junuary 23, 2023	7 tpm 1 1, 2023	Engineering	11pm 29, 2023	<u>C.III/IIOC23_C301</u>	All Degree Hograms
Introduction to programming	Prof. Satvadev				Computer Science &		https://onlinecourses.nptel.a	
in C	Nandakumar	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 cs02	All Degree Programs
			•	ĺ		,		
	Prof. Ashish				Computer Science &		https://onlinecourses.nptel.a	
Foundations of Cryptography	Choudhury	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	<u>c.in/noc23_cs03</u>	All Degree Programs
Quantum Algorithms and	D 0.61				Computer Science		https://onlinecourses.nptel.a	
Cryptography	Prof. Shweta Agrawal	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	<u>c.in/noc23_cs04</u>	All Degree Programs
A. Tudou do di o de Audio da 1					Community Street		1.44	
An Introduction to Artificial	Drof Maygam	2	January 22, 2022	A mail 1.4 2022	Computer Science	A muil 20, 2022	https://onlinecourses.nptel.a c.in/noc23 cs05	A 11 Dagman Dragger
Intelligence	Prof. Mausam	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	C.III/IIOC23_CSU3	All Degree Programs

	Prof. Dhananjay V.							
Introduction to Embedded	Gadre				Computer Science		https://onlinecourses.nptel.a	
System Design	Prof. Badri N Subudhi	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs06	All Degree Programs
							1 // 12	
Advanced Computer Architecture	Prof. Smruti R.Sarangi	3	January 23, 2023	April 14, 2023	Computer Science and Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 cs07	All Degree Programs
Architecture	Fior. Silituti K.Saraligi	3	January 23, 2023	April 14, 2023	and Engineering	April 50, 2025	<u>C.III/II0C23_CS0/</u>	All Degree Flograms
					Computer Science		https://onlinecourses.nptel.a	
Data Analytics with Python	Prof. A. Ramesh	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs08	All Degree Programs
Artificial Intelligence:								
Knowledge Representation					Computer Science		https://onlinecourses.nptel.a	
And Reasoning	Prof. Deepak Khemani	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs09	All Degree Programs
	•							
Information Security - 5 -	D C Cl . D l .	2		1 17 2022	Computer Science	1 26 2022	https://onlinecourses.nptel.a	
Secure Systems Engineering	Prof. Chester Robeiro	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs10	All Degree Programs
	Prof. Carl Gustaf				Computer Science		https://onlinecourses.nptel.a	
Machine Learning,ML	Jansson	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs11	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
Model Checking	Prof. Srivathsan.B	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs12	All Degree Programs
C				1				0 0
Privacy and Security in	Prof. Ponnurangam				Computer Science		https://onlinecourses.nptel.a	
Online Social Media	Kumaraguru	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs13	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
AI:Constraint Satisfaction	Prof. Deepak Khemani	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs14	All Degree Programs
Programming, Data	D., C.M. 11.				G S. :		1.44	
Structures And Algorithms Using Python	Prof. Madhavan Mukund	2	January 23, 2023	March 17, 2023	Computer Science and Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 cs15	All Degree Programs
Comg i yulon	IVIGRAIIG		Juliuary 23, 2023	141411111111, 2023	and Engineering	14141011 20, 2023	<u>0.111/110023_0313</u>	7 III Degree 1 logiallis
Design and analysis of	Prof. Madhavan				Computer Science		https://onlinecourses.nptel.a	
algorithms	Mukund	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs16	All Degree Programs

	Prof. Ragunathan							
	Rengasamy Prof. Shankar				Computer Science		https://onlinecourses.nptel.a	
Data Science for Engineers	Narasimhan	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23 cs17	All Degree Programs
Data Science for Engineers	Ivarasiiiiiaii		January 23, 2023	Wiaich 17, 2023	and Engineering	Widien 20, 2023	C.III/IIOC25_CS1/	All Degree Frograms
Introduction to Machine	Prof. Balaraman				Computer Science		https://onlinecourses.nptel.a	
Learning	Ravindran	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23 cs18	All Degree Programs
Zummg	Ttu viniusus	<u> </u>	0 411441 / 20, 2020	110111111111111111111111111111111111111	and Engineering	119111 50, 2025		I III D egioù l'ingiaine
	Prof. Sudarshan				Computer Science		https://onlinecourses.nptel.a	
Social Networks	Iyengar	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs19	All Degree Programs
The Joy of Computing using	Prof. Sudarshan				Computer Science		https://onlinecourses.nptel.a	
Python	Iyengar	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs20	All Degree Programs
	Prof. Ragunathan	,	22 2022	E 1 17 2022	Computer Science	1 26 2022	https://onlinecourses.nptel.a	
Python for Data Science	Rengasamy	1	January 23, 2023	February 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs21	All Degree Programs
	Prof. Sudarshan				Computer Science		https://onlinecourses.nptel.a	
Discrete Mathematics	Iyengar	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs22	All Degree Programs
Discrete Mathematics	Tyengui	3	buildary 23, 2023	11011111, 2023	and Engineering	11pm 25, 2025	C.III 110023 CS22	7111 Degree 1 regrams
	Prof. Balaraman				Computer Science		https://onlinecourses.nptel.a	
Reinforcement Learning	Ravindran	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs23	All Degree Programs
	Prof. Sudarshan	_			Computer Science		https://onlinecourses.nptel.a	
Deep Learning - IIT Ropar	Iyengar	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs24	All Degree Programs
User-centric Computing for	Prof. Samit				Computer Science		https://onlinecourses.nptel.a	
Human-Computer Interaction		2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23 cs25	All Degree Programs
Trumum comparer moravion	2 individually to		0 411441 7 20, 2020		and Engineering	114411 20, 2020		I III D egioù l'ingiaine
					Computer Science		https://onlinecourses.nptel.a	
Advanced Graph Theory	Prof. Rajiv Misra	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs26	All Degree Programs
Cloud Computing and	D 0 D 11 3 11			1 17 2025	Computer Science	1 0 6 0000	https://onlinecourses.nptel.a	
Distributed Systems	Prof. Rajiv Misra	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs27	All Degree Programs

Introduction to parallel								
programming with OpenMP	Prof. Yogish	2	1 22 2022	Manal 17 2022	Computer Science	Manala 26, 2022	https://onlinecourses.nptel.a	A 11 Da anna Bua annana
and MPI	Sabharwal	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs28	All Degree Programs
Introduction to Database	Prof. Sreenivasa				Computer Science		https://onlinecourses.nptel.a	
Systems	Kumar	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs29	All Degree Programs
Getting Started with					Computer Science		https://onlinecourses.nptel.a	
Competitive Programming	Prof. Neeldhara Misra	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	<u>c.in/noc23_cs30</u>	All Degree Programs
	Prof. Subrahmanyam				Computer Science		https://onlinecourses.nptel.a	
Theory of Computation	Kalyanasundaram	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs31	All Degree Programs
					g			
G . 111 11 G	Prof. Neminath	1	22 2022	E 1 17 2022	Computer Science	1 26 2022	https://onlinecourses.nptel.a	411 D D
Systems and Usable Security	Hubballi	1	January 23, 2023	February 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs32	All Degree Programs
Introduction to Machine					Computer Science		https://onlinecourses.nptel.a	
Learning (Tamil)	Prof. Arun Rajkumar	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs33	All Degree Programs
	Prof. Ashish				Computer Science		https://onlinecourses.nptel.a	
Secure Computation: Part I	Choudhury	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs34	All Degree Programs
Advanced Computer	Prof. Neminath Hubballi				Computer Science		https://onlinecourses.nptel.a	
Networks	Prof. Sameer Kulkarni	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs35	All Degree Programs
				,	g			
Afficience Communication	Prof. Jainendra Shukla Prof. Abhinav Dhall	3	1 22 2022	A:1 14 2022	Computer Science	A:1 20, 2022	https://onlinecourses.nptel.a	A 11 D D
Affective Computing	Prof. Adminav Dnaff	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	<u>c.in/noc23_cs36</u>	All Degree Programs
	Prof. Raghunath				Computer Science		https://onlinecourses.nptel.a	
Circuit Complexity Theory	Tewari	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs37	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
Software Testing	Prof. Rajib Mall	1	January 23, 2023	February 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs38	All Degree Programs

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Fundamental Algorithms:	Prof. Sourav				Computer Science		https://onlinecourses.nptel.a	
Design And Analysis	Mukhopadhyay	1	January 23, 2023	February 17, 2023	1	March 26, 2023	c.in/noc23_cs39	All Degree Programs
							_	
Introduction To Soft					Computer Science		https://onlinecourses.nptel.a	
Computing	Prof. Debasis Samanta	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23 cs40	All Degree Programs
	Prof. Partha Pratim						_	
	Das							
Data Base Management	Prof. Samiran	2	22 2022	1 17 2022	Computer Science	1 26 2022	https://onlinecourses.nptel.a	411 D D
System	Chattopadhyay	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs41	All Degree Programs
	Prof. Soumya Kanti				Computer Science		https://onlinecourses.nptel.a	
Cloud Computing	Ghosh	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs42	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
Data Mining	Prof. Pabitra Mitra	2	January 23, 2023	March 17, 2023	and Engineering	March 26, 2023	c.in/noc23_cs43	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
Ethical Hacking	Prof. Indranil Sengupta	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23 cs44	All Degree Programs
8	8 1		3 - 7 - 1		8 8	1		8 8
NI II D	D CD C 1	2	22 2022	1 14 2022	Computer Science	1 20 2022	https://onlinecourses.nptel.a	411 D D
Natural Language Processing	Prof. Pawan Goyal	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs45	All Degree Programs
Object Oriented System								
Development Using UML,					Computer Science		https://onlinecourses.nptel.a	
Java And Patterns	Prof. Rajib Mall	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	<u>c.in/noc23_cs46</u>	All Degree Programs
	Duef Can lin							
Blockchain and its	Prof. Sandip Chakraborty				Computer Science		https://onlinecourses.nptel.a	
Applications	Prof. Shamik Sural	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs47	All Degree Programs
11	Prof. Soumya Kanti		20, 20, 2020	F, 2020		F		
	Ghosh							
Computer Networks And	Prof. Sandip				Computer Science		https://onlinecourses.nptel.a	
Internet Protocol	Chakraborty	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs48	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
Programming In Java	Prof. Debasis Samanta	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs49	All Degree Programs

Programming in Modern	Prof. Partha Pratim				Computer Science		https://onlinecourses.nptel.a	
C++	Das	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23 cs50	All Degree Programs
	243		20, 2020		and Engineering	119111 25, 2025		rm B egree i regrame
Introduction To Internet Of					Computer Science		https://onlinecourses.nptel.a	
Things	Prof. Sudip Misra	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs51	All Degree Programs
Introduction To Industry 4.0								
And Industrial Internet Of					Computer Science		https://onlinecourses.nptel.a	
Things	Prof. Sudip Misra	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs52	All Degree Programs
Problem Solving Through					Computer Science		https://onlinecourses.nptel.a	
Programming In C	Prof. Anupam Basu	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs53	All Degree Programs
					Computer Science		https://onlinecourses.nptel.a	
Embedded Systems Design	Prof. Anupam Basu	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs54	All Degree Programs
	Prof. Prabir Kumar				Computer Science		https://onlinecourses.nptel.a	
Deep Learning	Biswas	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs56	All Degree Programs
	Prof. Santanu				Computer Science		https://onlinecourses.nptel.a	
Compiler Design	Chattopadhyay	3	January 23, 2023	April 14, 2023	and Engineering	April 30, 2023	c.in/noc23_cs57	All Degree Programs
Introduction to Automata,	Prof. Sourav				Computer Science		https://onlinecourses.nptel.a	
Languages and Computation	Mukhopadhyay	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs58	All Degree Programs
	Prof. Debdeep				Computer Science		https://onlinecourses.nptel.a	
Hardware Security	Mukhopadhyay	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs59	All Degree Programs
	Prof. Dipanwita Roy				Computer Science		https://onlinecourses.nptel.a	
Discrete Structures	Chowdhury	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	<u>c.in/noc23_cs60</u>	All Degree Programs
GPU Architectures And	D 00 "-5	2		11110000	Computer Science		https://onlinecourses.nptel.a	
Programming	Prof. Soumyajit Dey	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs61	All Degree Programs

Foundations of Cyber					Computer Science		https://onlinecourses.nptel.a	
Physical Systems	Prof. Soumyajit Dey	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs62	All Degree Programs
Selected Topics in					Computer Science		https://onlinecourses.nptel.a	
Algorithms	Prof. Palash Dey	3	January 23, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs63	All Degree Programs
Optimisation for Machine Learning: Theory and					Computer Science		https://onlinecourses.nptel.a	
Implementation (Hindi)	Prof. Pravesh Biyani	2	February 20, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs64	All Degree Programs
Foundation of Cloud IoT					Computer Science		https://onlinecourses.nptel.a	
Edge ML	Prof. Rajiv Misra	2	February 20, 2023	April 14, 2023	and Engineering	April 29, 2023	c.in/noc23_cs65	All Degree Programs
Fundamentals of Automotive	Prof. C. S. Shankar						https://onlinecourses.nptel.a	
Systems	Ram	3	January 23, 2023	April 14, 2023	Design Engineering	April 29, 2023	c.in/noc23_de01	All Degree Programs
							https://onlinecourses.nptel.a	
Understanding Design	Prof. Nina Sabnani	1	January 23, 2023	February 17, 2023	Design Engineering	March 26, 2023	c.in/noc23_de02	All Degree Programs
							https://onlinecourses.nptel.a	
Understanding Ethnography	Prof. Nina Sabnani	2	January 23, 2023	March 17, 2023	Design Engineering	March 26, 2023	c.in/noc23_de03	All Degree Programs
Understanding Incubation	Prof. B. K.						https://onlinecourses.nptel.a	
and Entrepreneurship	Chakravarthy	3	January 23, 2023	April 14, 2023	Design Engineering	April 29, 2023	c.in/noc23_de04	All Degree Programs
	Prof. B. K.						https://onlinecourses.nptel.a	
Innovation by Design	Chakravarthy	1	January 23, 2023	February 17, 2023	Design Engineering	March 26, 2023	c.in/noc23_de05	All Degree Programs
Design, Technology and	Prof. B. K.	_					https://onlinecourses.nptel.a	
Innovation	Chakravarthy	2	January 23, 2023	March 17, 2023	Design Engineering	March 26, 2023	c.in/noc23_de06	All Degree Programs
TI 132 E	D (D1 D1	2	22, 2022	114 2022	D . E	. 120 2022	https://onlinecourses.nptel.a	411 D D
Usability Engineering	Prof. Debayan Dhar	3	January 23, 2023	April 14, 2023	Design Engineering	April 29, 2023	c.in/noc23_de07	All Degree Programs

The evolution of the Earth	Prof. Devapriya				Earth Science/		https://onlinecourses.nptel.a	
and life	Chattopadhyay	3	January 23, 2023	April 14, 2023	Geology / Geoscience	April 29, 2023	c.in/noc23 ce54	All Degree Programs
	Chattopadhyay		variatry 23, 2023	11011111, 2023	Geology / Geoselenee	110111 29, 2023	<u> </u>	7 III Degree 1 regrams
Natural Hazards	Prof. Javed N. Malik	2	January 23, 2023	March 17, 2023	Earth Sciences	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ce55	All Degree Programs
Geomorphic Processes:							https://onlinecourses.nptel.a	
	Prof. Javed N. Malik	2	January 23, 2023	March 17, 2023	Earth Sciences	March 26, 2023	c.in/noc23_ce56	All Degree Programs
Indian Economy: Some							https://onlinecourses.nptel.a	
Contemporary Perspectives	Prof. Wasim Ahmad	2	January 23, 2023	March 17, 2023	Economic Sciences	March 26, 2023	c.in/noc23_hs01	All Degree Programs
Microfoundations Of							https://onlinecourses.nptel.a	
Macroeconomics	Prof. Wasim Ahmad	2	January 23, 2023	March 17, 2023	Economic Sciences	March 26, 2023	c.in/noc23_hs02	All Degree Programs
	Prof. Sabuj Kumar						https://onlinecourses.nptel.a	
Introduction to Econometrics	Mandal	3	January 23, 2023	April 14, 2023	Economic Sciences	April 29, 2023	c.in/noc23_mg01	All Degree Programs
	Prof. Sabuj Kumar	•					https://onlinecourses.nptel.a	
Applied Econometrics	Mandal	3	January 23, 2023	April 14, 2023	Economic Sciences	April 29, 2023	c.in/noc23_mg02	All Degree Programs
Applied Statistics and Econometrics	Prof. Deep Mukherjee	3	January 23, 2023	April 14, 2023	Economic Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 mg03	All Degree Programs
Econometrics	r tot. Deep wuknerjee	3	January 23, 2023	April 14, 2023	Economic Sciences	April 29, 2023	c.m/noc23_mg03	All Degree Flograms
					Electrical and			
Electric Vehicles - Part 1	Prof. Amit Jain	1	January 23, 2023	February 17, 2023	Electronics Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ee01	All Degree Programs
Electric + children T with		-	0 4114411	1 001 0001 17, 2020	- Singmeeting		<u></u>	in Begree Fregrams
					Electrical and		1 // 1	
Electromagnetic Waves in Guided and Wireless Media	Prof. Pradeep Kumar K	2	January 23, 2023	March 17, 2023	Electronics Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ee02	All Degree Programs
	1			,		ŕ		
Fundamental of Power					Electrical and Electronics		https://onlinecourses.nptel.a	
Electronics	Prof. L.Umanand	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee03	All Degree Programs

					Electrical and			
Principles of Signals and	Prof. Aditya				Electronics		https://onlinecourses.nptel.a	
Systems	Jagannatham	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee04	All Degree Programs
Бузств	Jagamamam		Junuary 23, 2023	71pm 1 1, 2025	Liighteering	7 ipin 29, 2023	<u>C.III/IIOC25_CC01</u>	7 th Degree 1 Tograms
					Electrical and			
Principles of	Prof. Aditya K.				Electronics		https://onlinecourses.nptel.a	
Communication Systems - I	Jagannatham	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee05	All Degree Programs
Communication Systems 1	o againia ana		Junuary 23, 2023	7 ipin 1 i, 2025	Engineering	11pm 30, 2023	<u> </u>	Tin Begree Fregrams
					Electrical and			
Microprocessors and	Prof. Shaik Rafi				Electronics		https://onlinecourses.nptel.a	
Interfacing	Ahamed	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee06	All Degree Programs
meriusing	111111111111111111111111111111111111111		tunuary 25, 2025	11911111,2020	ziigiiieiiiig	110111111111111111111111111111111111111	<u></u>	I in B egree I regrams
					Electrical and			
					Electronics		https://onlinecourses.nptel.a	
CMOS Digital VLSI Design	Prof. Sudeb Dasgunta	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee07	All Degree Programs
enres Bignur + Est Busign	Trem suace susgupus		20110017 20, 2020	77147017 177, 2025	ziigiiieiiiig	1714111120, 2022	<u> </u>	in Begree Tregrams
					Electrical and			
Principles of Digital					Electronics		https://onlinecourses.nptel.a	
Communications	Prof. Abhishek Dixit	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee08	All Degree Programs
	Tron Tronibuon Danie		20110017 20, 2020	11911111,2020	ziigiiieiiiig	110111111111111111111111111111111111111	<u></u>	in Begree Tregrams
					Electrical and			
A brief introduction of					Electronics		https://onlinecourses.nptel.a	
Micro - Sensors	Prof. Santanu Talukder	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23 ee09	All Degree Programs
		-		1				
					Electrical and			
					Electronics		https://onlinecourses.nptel.a	
Analog Ic Design	Prof. Aniruddhan.S	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee10	All Degree Programs
I miling to B esign	T TO IT TIME WOULD		20110017 20, 2020	11911111,2020	ziigiiieiiiig	11pm 25, 2025	<u> </u>	in Begree Tregrams
					Electrical and			
					Electronics		https://onlinecourses.nptel.a	
Digital IC Design	Prof. Janakiraman	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee11	All Degree Programs
		<u> </u>	, , , , , , , , , , , , , , , , , , , ,					
					Electrical and			
					Electronics		https://onlinecourses.nptel.a	
Linear Dynamical Systems	Prof. Tushar Jain	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee12	All Degree Programs
j j		_	J -2,	.,	55	10,		gg
					Electrical and			
Power Management	Prof. Qadeer Ahmad				Electronics		https://onlinecourses.nptel.a	
Integrated Circuits	Khan	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee13	All Degree Programs
<u> </u>		·	, , , , ,	1 / 1 - 1	5 5	1		5 5
					Electrical and			
	Prof. Hitesh Shrimali				Electronics		https://onlinecourses.nptel.a	
Signals and Systems	Prof. Kushal K. Shah	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee14	All Degree Programs

					Electrical and			
Transmission lines and					Electronics		https://onlinecourses.nptel.a	
electromagnetic waves	Prof. Ananth Krishnan	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee15	All Degree Programs
electromagnetic waves	1 101. 7 mantii Terisiman		Junuary 23, 2023	71pm 1 1, 2025	Liigineering	11pm 29, 2023	<u>C.HB HOC25_CC15</u>	All Degree Hograms
					Electrical and			
					Electronics		https://onlinecourses.nptel.a	
Control engineering	Prof. Ramkrishna.P	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee16	All Degree Programs
Control engineering	1 TOT. Rumkrisima.i		Junuary 23, 2023	71pm 1 1, 2025	Engineering	7 tpi ii 29, 2023	<u> </u>	7th Degree Hograms
					Electrical and			
Fundamentals of					Electronics		https://onlinecourses.nptel.a	
semiconductor devices	Prof. Digbijoy N. Nath	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee17	All Degree Programs
benneonauctor devices	Tion Digotjoy 11. 11dan		bundary 23, 2023	71pm 1 1, 2025	Engineering	11pm 29, 2023	<u> </u>	7 III Degree Fregrams
					Electrical and			
Microwave Integrated	Prof. Jayanta				Electronics		https://onlinecourses.nptel.a	
Circuits	Mukherjee	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee18	All Degree Programs
Circuits	- Tukinerjee		bundary 23, 2023	17141011 17, 2023	Engineering	17141011 20, 2023	<u> </u>	7 III Degree Fregrams
					Electrical and			
	Prof. Jayanta				Electronics		https://onlinecourses.nptel.a	
Analog Circuits	Mukherjee	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee19	All Degree Programs
Thatog circuits	TVI GRANDELJOC		bundary 23, 2023	17141011 17, 2023	Engineering	17141011 20, 2023	<u> </u>	Till Begree Fregrams
High Power Multilevel					Electrical and			
Converters- Analysis, design					Electronics		https://onlinecourses.nptel.a	
and operational issues	Prof. Anandarup Das	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee20	All Degree Programs
and operational issues	1 Tot. 7 Managrap Bus		bundary 23, 2023	110111 1 1, 2023	Engineering	11pm 29, 2023	<u> </u>	7 III Degree Fregrams
					Electrical and			
Fuzzy Sets, Logic and	Prof. Nishchal Kumar				Electronics		https://onlinecourses.nptel.a	
Systems & Applications	Verma	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee21	All Degree Programs
Systems & Applications	Verma		bundary 23, 2023	7 ipin 1 i, 2025	Engineering	11pin 29, 2023	<u> </u>	Till Begree Fregrams
					Electrical and			
Nonlinear and Adaptive	Prof. Shubhendu				Electronics		https://onlinecourses.nptel.a	
Control	Bhasin	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23 ee22	All Degree Programs
Control	Dittasiii	1	Junuary 23, 2023	1 cordary 17, 2023	Liigineering	Widien 20, 2023	C.HB HOCES_CCEE	7th Degree Frograms
					Electrical and			
					Electronics		https://onlinecourses.nptel.a	
Optimal control	Prof. Barjeev Tyagi	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee23	All Degree Programs
Spanner control	1101. Daijeov 1 yagi		2 22 20 20 20 20 20 20 20 20 20 20 20 20		Zinginioerinig	1.141011 20, 2023	<u> </u>	Dogree i rogiums
Electronics equipment					Electrical and			
integration and Prototype	Prof. N.V.Chalapathi				Electronics		https://onlinecourses.nptel.a	
building	Rao	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee24	All Degree Programs
			20, 2020	11, 2020	8	20, 2023		- III Degiter i regitatio
					Electrical and			
Architectural Design of					Electronics		https://onlinecourses.nptel.a	
Digital Integrated Circuits	Prof. Indranil Hatai	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee25	All Degree Programs
Digital integrated Circuits	1101. Illululli 11utal	3	Juniaury 23, 2023	1 1pm 1 1, 2023	Linginicering	1. ipin 27, 2023	C.III II II II C C Z Z C C Z Z	The Degree Programs

			1	1	<u> </u>			
Recent Advances in Transmission Insulators	Prof. Subba Reddy B	1	January 23, 2023	February 17, 2023	Electrical and Electronics Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ee26	All Degree Programs
Transmission madators	1 101. Subba Reddy B	1	January 23, 2023	1 cordary 17, 2023	Engineering	Widien 20, 2023	C.III/110C23_CC20	An Degree 1 logianis
Power Quality Improvement Technique	Prof. Avik Bhattacharya	2	January 23, 2023	March 17, 2023	Electrical and Electronics Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23_ee27	All Degree Programs
Multirate DSP	Prof. R. David Koilpillai	3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23_ee28	All Degree Programs
Digital System Design	Prof. Neeraj Goel	3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 ee29	All Degree Programs
Digital System Design	Tion rectaj doci	3	January 23, 2023	Артт 14, 2023	Lingineering	April 29, 2023	<u>c.m/noc25_cc27</u>	An Degree 1 Tograms
Stochastic Modeling and the Theory of Queues	Prof. Krishna Jagannathan	3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 ee30	All Degree Programs
Theory of Queues	Jagaiiiauiaii		January 23, 2023	April 14, 2023	Engineering	April 29, 2023	<u>C.III/II0C23_EE30</u>	All Degree Flograms
Digital Signal Processing and its Applications	Prof. V. M. Gadre	3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23_ee31	All Degree Programs
Foundations of Wavelets and Multirate Digital Signal Processing	Prof. V. M. Gadre	1	January 23, 2023	February 17, 2023	Electrical and Electronics Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ee32	All Degree Programs
Ţ.					Electrical and Electronics		https://onlinecourses.nptel.a	
Digital Signal Processing	Prof. C.S.Ramalingam	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee33	All Degree Programs
Circuit Analysis for Analog Designers	Prof. Shanthi Pavan	3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23_ee34	All Degree Programs
Semiconductor device modeling and Simulation	Prof. Vivek Dixit	3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 ee35	All Degree Programs
RF and Microwave Networks		3	January 23, 2023	April 14, 2023	Electrical and Electronics Engineering	April 29, 2023	https://onlinecourses.nptel.a	

					Electrical and			
Operation and Planning of					Electronics		https://onlinecourses.nptel.a	
Power Distribution Systems	Prof. Sanjib Ganguly	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee37	All Degree Programs
,	, , , , , , , , , , , , , , , , , , ,		,	1		1		2 0
					Electrical and			
Design of Power Electronic					Electronics		https://onlinecourses.nptel.a	
Converters	Prof. Shabari Nath	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee38	All Degree Programs
Computer Vision and Image					Electrical and			
Processing - Fundamentals					Electronics		https://onlinecourses.nptel.a	
and Applications	Prof. M. K. Bhuyan	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee39	All Degree Programs
					Electrical and			
	Prof. Shanti				Electronics		https://onlinecourses.nptel.a	
Optical Engineering	Bhattacharya	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee76	All Degree Programs
					Electrical and		1 // 12	
Analog Electronic Circuits -	D C C1 41 . D	2	1	A	Electronics	A	https://onlinecourses.nptel.a	A 11 D
IITM	Prof. Shanthi Pavan	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee77	All Degree Programs
					Electrical and			
	Prof. A. N.				Electronics		https://onlinecourses.nptel.a	
Modern Computer Vision	Rajagopalan	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee78	All Degree Programs
Wodern Compacer Vision	rajugopulun		Junuary 23, 2023	11pm 11, 2023	Electronics	115111 25, 2023	<u> </u>	THE BEGICE Frograms
					Engineering,			
Design and Analysis of					Computer Science		https://onlinecourses.nptel.a	
VLSI Subsystems	Prof. Madhav Rao	3	January 23, 2023	April 14, 2023	and Engineering,	April 29, 2023	c.in/noc23 ee40	All Degree Programs
,			,	1	Electronics			
					Engineering,			
Advanced Neural Science	Prof. Vikas V				Instrumentation		https://onlinecourses.nptel.a	
for Engineers	Prof. Hardik J Pandya	3	January 23, 2023	April 14, 2023	Engineering,	April 30, 2023	c.in/noc23_ee41	All Degree Programs
					Electrical		https://onlinecourses.nptel.a	
Medical Image Analysis	Prof. Debdoot Sheet	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23_ee43	All Degree Programs
Micio, 1D ,	Prof. Mrityunjoy	2	E 1 20 2022	. 114 2022	Electrical	1 20 2022	https://onlinecourses.nptel.a	411 D D
VLSI Signal Processing	Chakraborty	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee44	All Degree Programs
A I I I I								
Analysis And Design	Prof. Amitabha				Electrical		https://onlinecourses.nptel.a	
Principles Of Microwave Antennas	Bhattacharya	2	February 20, 2023	April 14, 2022	Electrical Engineering	April 29, 2023	c.in/noc23 ee45	All Degree Programs
Amemias	Бпанаспагуа		1 coluary 20, 2023	April 14, 2023	Engineering	April 29, 2023	C.III/110C23_EE43	An Degree Flograms

Evalution Of Air Intent					Electrical		https://onlinecourses.nptel.a	
Evolution Of Air Interface Towards 5G	Prof. Suvra Sekhar Das	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee46	All Degree Programs
Towards 3 G	Tion Suvia Seniar Bas		1 cordary 20, 2023	11pm 1 1, 2023	Engineering	110111 25, 2025	<u> </u>	Thi Begree Fragrams
Microprocessors And	Prof. Santanu				Electrical		https://onlinecourses.nptel.a	
Microcontrollers	Chattopadhyay	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 ee47	All Degree Programs
		<u>-</u>						
Analog Electronic Circuits -					Electrical		https://onlinecourses.nptel.a	
IITKGP	Prof. Pradip Mandal	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee48	All Degree Programs
	Prof. Sudipta				Electrical		https://onlinecourses.nptel.a	
Biomedical Signal Processing	g Mukhopadhyay	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee49	All Degree Programs
					Electrical		https://onlinecourses.nptel.a	
Digital Electronic Circuits	Prof. Goutam Saha	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee50	All Degree Programs
Power System Dynamics,					Electrical		https://onlinecourses.nptel.a	
Control and Monitoring	Prof. Debapriya Das	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee51	All Degree Programs
Danier Caratana En ain a anima	Doof Dahansina Daa	2	I 22 2022	A: 1 1.4 2022	Electrical	A:1 20, 2022	https://onlinecourses.nptel.a	A 11 D
Power System Engineering	Prof. Debapriya Das	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee52	All Degree Programs
Daniel Carlo					E14		1.44 // 1" 1	
Deep Learning For Visual Computing	Prof. Debdoot Sheet	3	January 23, 2023	April 14, 2023	Electrical Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ee53	All Degree Programs
Computing	Tion Decident Sheet		Sundary 23, 2023	7 pm 1 1, 2023	Digiteering	710111 30, 2023	C.III IIGC25_CC35	711 Degree 1 Tograms
	Prof. Tapas Kumar				Electrical		https://onlinecourses.nptel.a	
Network Analysis	Bhattacharya	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee54	All Degree Programs
	Prof. Tapas Kumar				Electrical		https://onlinecourses.nptel.a	
Electrical Machines - II	Bhattacharya	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee55	All Degree Programs
Industrial Automation And					Electrical		https://onlinecourses.nptel.a	
Control	Prof. Alokkanti Deb	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee56	All Degree Programs

Fasta Davissa	Prof. Avik	2	E-1	A:1 1.4 2022	Electrical	A:1 20, 2022	https://onlinecourses.nptel.a	
Facts Devices	Bhattacharya	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee58	All Degree Programs
Digital Protection of Power	Prof. Bhaveshkumar				Electrical	1.6.4.000	https://onlinecourses.nptel.a	
System	R. Bhalja	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ee59	All Degree Programs
Smart Grid: Basics to	Prof. N. P. Padhy	2	1 22 2022	1 11 2022	Electrical	1 20 2022	https://onlinecourses.nptel.a	
Advanced Technologies	Prof. Premlata Jena	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee60	All Degree Programs
Optical Wireless								
Communications for Beyond					Electrical		https://onlinecourses.nptel.a	
5G Networks and IoT	Prof. Anand Srivastava	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_ee61	All Degree Programs
					Electrical		https://onlinecourses.nptel.a	
Basic Electronics	Prof. M.B. Patil	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee62	All Degree Programs
					Electrical		https://onlinecourses.nptel.a	
Power Quality	Prof. Bhim Singh	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee63	All Degree Programs
An Introduction to					Electrical		https://onlinecourses.nptel.a	
Information Theory	Prof. Adrish Banerjee	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ee64	All Degree Programs
Op-Amp Practical								
Applications: Design, Simulation and					Electrical		https://onlinecourses.nptel.a	
Implementation	Prof. Hardik J Pandya	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee65	All Degree Programs
mpremenation	1101. Haraik 8 Fallaya		5411441 y 25, 2025	115111 11, 2023	Engineering	110111 30, 2023	<u> </u>	7 III Degree Trograms
					Electrical		https://onlinecourses.nptel.a	
Sensors and actuators	Prof. Hardik J Pandya	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee66	All Degree Programs
	12m2ma v 1 minayu		20, 20, 2020	p 1 ., 2020		- 1911 50, 2025		2 -g 1 1 -g 11 -g
Physics of Nanoscale	Prof. Vishvendra				Electronics and		https://onlinecourses.nptel.a	
Devices	Singh Poonia	3	January 23, 2023	April 14, 2023	Communication	April 30, 2023	c.in/noc23 ee67	All Degree Programs
	<i>G</i>	-	y == , = 3 2 0	1		1		
D : T 1 OCM	D C A '4 11				Electronics and		1 // 1	
Basic Tools Of Microwave	Prof. Amitabha	1	Fobruary 20, 2022	March 17, 2022	Communication	April 20, 2022	https://onlinecourses.nptel.a c.in/noc23 ee68	All Dagrag Programs
Engineering	Bhattacharya	1	February 20, 2023	IVIACCH 17, 2023	Engineering	April 30, 2023	<u>c.m/noc23_ee68</u>	All Degree Programs

						1	T	
					Electronics and			
	Prof. Mrinal Kanti				Communication		https://onlinecourses.nptel.a	
Millimeter Wave Technology		2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 ee69	All Degree Programs
wave reciniology	Wandai		January 23, 2023	Waten 17, 2023	Linginicering	Widicii 20, 2023	<u>C.III/110C23_CC07</u>	All Degree Hograms
					Electronics and			
Fundamentals Of MIMO					Communication		https://onlinecourses.nptel.a	
Wireless Communication	Prof. Suvra Sekhar Das	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ee70	All Degree Programs
					Electronics and			
Discrete Time Signal	Prof. Mrityunjoy				Communication		https://onlinecourses.nptel.a	
Processing	Chakraborty	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_ee71	All Degree Programs
G' IB '					T1			
Signal Processing	D 0 01 1 D				Electronics and			
Techniques and its	Prof. Shyamal Das				Communication		https://onlinecourses.nptel.a	
Applications	Mandal	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee72	All Degree Programs
					Electronics and			
					Communication		https://onlinecourses.nptel.a	
Communication Networks	Prof. Gautam Das	3	Iomusam: 22, 2022	A mail 14 2022		A mail 20, 2022	c.in/noc23 ee73	A 11 Dagman Dunggmann
Communication Networks	Pioi. Gautain Das	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	C.III/II0C25_ee/5	All Degree Programs
Analog Circuits And					Electronics and			
Systems Through SPICE					Communication		https://onlinecourses.nptel.a	
Simulation	Prof. Mrigank Sharad	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 ee74	All Degree Programs
	Ü			•	0	,		
Spread Spectrum					Electronics and			
Communications And					Communication		https://onlinecourses.nptel.a	
Jamming	Prof. Debarati Sen	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_ee75	All Degree Programs
Computer Aided Decision	Prof. Deepu Philip				Engineering /			
Systems - Industrial	Prof. Amandeep				Science /		https://onlinecourses.nptel.a	
practices using Big Analytics	Singh Oberoi	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_hs03	All Degree Programs
Geographic Information							https://onlinecourses.nptel.a	
System	Prof. Bharath H Aithal	3	January 23, 2023	April 14, 2023	Engineering Design	April 30, 2023	c.in/noc23 de08	All Degree Programs
o joioni	1 101. Dianam 11 / Hulai		January 23, 2023	1 pm 1 1, 2023	Engineering Design	11pm 50, 2025	<u> </u>	In Degree Hograms
Petroleum Economics and					Humanities & Social		https://onlinecourses.nptel.a	
Management	Prof. Anwesha Aditya	3	January 23, 2023	April 14, 2023	Sciences	April 29, 2023	<u>c.in/noc23_hs04</u>	All Degree Programs
	D (D: 1.1.							
mi c	Prof. Priyadarshi				TT 1.1			
The Science of Happiness	Patnaik	2	E.1	A	Humanities and	A	https://onlinecourses.nptel.a	A 11 D B
and Wellbeing	Prof. Manas K Mandal	2	February 20, 2023	April 14, 2023	Social Science	April 29, 2023	<u>c.in/noc23_hs06</u>	All Degree Programs

Court Francisco de L					II1		1.44//1	
Great Experiments In Psychology	Prof. Rajlakshmi Guha	1	January 23, 2023	February 17, 2023	Humanities and	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 hs07	All Degree Programs
1 Sychology	1101. Kajiaksiiiii Guna	1	January 23, 2023	1 cordary 17, 2023	Social Science	Widien 20, 2023	<u>c.m/110025_11307</u>	All Degree 1 Tograms
Technology Transfer					Humanities and		https://onlinecourses.nptel.a	
Through Joint Venture	Prof. Indrajit Dube	1	February 20, 2023	March 17, 2023	Social Science	April 30, 2023	c.in/noc23_hs08	All Degree Programs
Legal Compliance For					Humanities and		https://onlinecourses.nptel.a	
Incorporating Startup	Prof. Indrajit Dube	1	February 20, 2023	March 17, 2023	Social Science	April 30, 2023	c.in/noc23_hs09	All Degree Programs
	Prof. Priyadarshi Patnaik							
	Prof. V. N. Giri				Humanities and		https://onlinecourses.nptel.a	
Soft Skill Development	Prof. D. Suar	2	January 23, 2023	March 17, 2023	Social Science	March 26, 2023	c.in/noc23_hs10	All Degree Programs
Emational Intelligence	Prof. Rabindra Kumar	2	I 22 2022	Manual 17, 2022	Humanities and Social Science	Manah 26, 2022	https://onlinecourses.nptel.a c.in/noc23 hs11	A 11 D D
Emotional Intelligence	Pradhan	2	January 23, 2023	March 17, 2023	Social Science	March 26, 2023	C.III/110C23_IIS11	All Degree Programs
Strategic Performance Management	Prof. Kbl Srivastava	2	February 20, 2023	April 14, 2023	Humanities and Social Science	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs12	All Degree Programs
		_						
					Humanities and		https://onlinecourses.nptel.a	
Speaking Effectively	Prof. Anjali Gera Roy	2	January 23, 2023	March 17, 2023	Social Science	March 26, 2023	c.in/noc23_hs13	All Degree Programs
Advanced Level of Spoken	Prof. Anuradha				Humanities and		https://onlinecourses.nptel.a	
Sanskrit	Choudry	2	January 23, 2023	March 17, 2023	Social Science	March 26, 2023	c.in/noc23_hs14	All Degree Programs
Introduction On Intellectual								
Property To Engineers And	Prof. Tapas Kumar				Humanities and		https://onlinecourses.nptel.a	
Technologists	Bandyopadhyay	2	February 20, 2023	April 14, 2023	Social Science	April 29, 2023	c.in/noc23_hs15	All Degree Programs
Elements of Literature and Creative Communication	Prof. H S Komalesha	3	January 23, 2023	April 14, 2023	HUmanities and Social Science	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs16	All Degree Programs
Creative Communication	1 101. 11 5 Komaiesna	J	Junuary 23, 2023	1 pm 14, 2023	Social Science	11pm 27, 2023	<u>0.11/110023_11310</u>	7 III Degree 1 Tograms
Education for Sustainable					humanities and		https://onlinecourses.nptel.a	
Development	Prof. Atasi Mohanty	3	January 23, 2023	April 14, 2023	Social Science	April 29, 2023	c.in/noc23 hs17	All Degree Programs

	Prof. Susmita							
	Mukhopadyay				humanities and		https://onlinecourses.nptel.a	
Training and Development	Prof. S. Srinivasan	3	January 23, 2023	April 14, 2023	Social Science	April 30, 2023	c.in/noc23_hs18	All Degree Programs
					Humanities and		https://onlinecourses.nptel.a	
Effective Writing	Prof. Binod Mishra	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23 hs19	All Degree Programs
Effective Witting	Tion Billod Wilsing	1	Junuary 23, 2023	1 cordary 17, 2023	Social Sciences	Water 20, 2023	<u>c.m/noc23_n317</u>	711 Degree 1 Tograms
The Nineteenth - Century	D., C. A. D'	2	1	A	Humanities and	A	https://onlinecourses.nptel.a	A 11 D
English Novel	Prof. A. Divya	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs20	All Degree Programs
					Humanities and		https://onlinecourses.nptel.a	
Basics of language Science	Prof. Rajesh Kumar	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs21	All Degree Programs
English Literature of the					Humanities and		https://onlinecourses.nptel.a	
Romantic Period, 1798-1832	Prof. Pramod K Nayar	2	January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	c.in/noc23_hs22	All Degree Programs
Feminism : Concepts and	Prof. Mathangi				Humanities and		https://onlinecourses.nptel.a	
Theories	Krishnamurthy	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23 hs23	All Degree Programs
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T	D. C.D. '. 1 IZ	2	E.L. 20 2022	A	Humanities and	A	https://onlinecourses.nptel.a	A 11 D
Language and Mind	Prof. Rajesh Kumar	2	February 20, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs24	All Degree Programs
Health Research					Humanities and		https://onlinecourses.nptel.a	
Fundamentals	Prof. P. Manickam	2	January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	c.in/noc23_hs25	All Degree Programs
Patent Law for Engineers					Humanities and		https://onlinecourses.nptel.a	
and Scientists	Prof. Feroz Ali	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs26	All Degree Programs
					Humanities and		https://onlinecourses.nptel.a	
German - I	Prof. Milind Brahme	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs27	All Degree Programs
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German - II	Prof. Milind Brahme	3	January 23, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs28	All Degree Programs
German - II	1 101. Willing Diamile	3	January 23, 2023	April 17, 2023	Bociai Belefices	April 29, 2023	C.III/110C23_11520	An Degree Hograms

					Humanities and		https://onlinecourses.nptel.a	
German - III	Prof. Milind Brahme	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs29	All Degree Programs
E 1 ' C A CI'II 1					TT 1/1 1		1 // 1	
Enhancing Soft Skills and Personality	Prof. T. Ravichandran	2	February 20, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs30	All Degree Programs
1 Crsonanty	1 101. 1. Kaviciialidiali		reordary 20, 2023	April 14, 2023	Social Sciences	April 29, 2023	C.III/110C23_11830	All Degree Hograms
					Humanities and		https://onlinecourses.nptel.a	
Literature, Culture and Media	Prof. Rashmi Gaur	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs31	All Degree Programs
Development of Sociology					Humanities and		https://onlinecourses.nptel.a	
in India	Prof. Ashish Saxena	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23 hs32	All Degree Programs
III IIIdid	Tion rishish saxona	1	54H44F 25, 2025	1 0014417 17, 2025	Social Sciences	17141011 20, 2023	<u> </u>	Till Begree Fregrams
Introduction to Modern	Prof. Kiran				Humanities and		https://onlinecourses.nptel.a	
Indian Drama	Keshavamurthy	2	February 20, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs33	All Degree Programs
Introduction to Political	Prof. Mithilesh Kumar				Humanities and		https://onlinecourses.nptel.a	
Theory	Jha	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23 hs34	All Degree Programs
Introduction to Modern	Prof. Mithilesh Kumar				Humanities and		https://onlinecourses.nptel.a	
Indian Political Thought	Jha	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs35	All Degree Programs
Economic Growth and	Prof. Rajshree				Humanities and		https://onlinecourses.nptel.a	
Development	Bedamatta	2	January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	c.in/noc23 hs36	All Degree Programs
1			, , , , ,	.,		-, -		8 8
					Humanities and		https://onlinecourses.nptel.a	
Human Behaviour	Prof. Naveen Kashyap	2	February 20, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs37	All Degree Programs
Introduction to Cognitive					Humanities and		https://onlinecourses.nptel.a	
Psychology	Prof. Naveen Kashyap	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23 hs38	All Degree Programs
			,			<u> </u>		
	D (D : E; ;	2		1 15 200	Humanities and	1.04.000	https://onlinecourses.nptel.a	
Introduction to Psychology	Prof. Braj Bhushan	2	January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	c.in/noc23_hs39	All Degree Programs

	Prof. Diptimayee							
Introduction to	Nayak				Humanities and		https://onlinecourses.nptel.a	
Environmental Economics	Prof. S. P. Singh	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	<u>c.in/noc23_hs40</u>	All Degree Programs
Psychiatry - An Overview								
and How the Brain Creates					Humanities and		https://onlinecourses.nptel.a	
Mind	Prof. Alok Bajpai	2	February 20, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs41	All Degree Programs
Sociological Perspectives on	D CC 1'-M 11' 1	2	22 2022	. 114 2022	Humanities and	. 120 2022	https://onlinecourses.nptel.a	411 D D
Modernity	Prof. Sambit Mallick	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs42	All Degree Programs
					Humanities and		https://onlinecourses.nptel.a	
Patent Drafting for Beginners	Prof. Feroz Ali	1	January 23, 2023	February 17, 2023		March 26, 2023	c.in/noc23 hs43	All Degree Programs
Tutont Braiting for Beginners	1101.16102111	1	54H441 y 25, 2025	1 cordary 17, 2023	Social Sciences	17141011 20, 2023	<u></u>	Tin Begree Fregrams
An Introduction to					Humanities and		https://onlinecourses.nptel.a	
Microeconomics	Prof. Vimal Kumar	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs44	All Degree Programs
					Humanities and		https://onlinecourses.nptel.a	
Literature and Coping Skills	Prof. Ajit K Mishra	2	February 20, 2023	April 14, 2023	Social Sciences	April 29, 2023	<u>c.in/noc23_hs45</u>	All Degree Programs
					TT 1.1 1		1 // 1	
Globalization: Theoretical	Prof. R. Santhosh	3	January 23, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a	All Degree Programs
Perspectives	Pioi. K. Sanulosii	3	January 25, 2025	April 14, 2023	Social Sciences	April 29, 2023	<u>C.III/IIOC25_IIS40</u>	All Degree Programs
Towards an Ethical Digital								
Society: From Theory to	Prof. Bidisha				Humanities and		https://onlinecourses.nptel.a	
Practice	Chaudhuri	1	February 20, 2023	March 17, 2023	Social Sciences	April 29, 2023	c.in/noc23 hs47	All Degree Programs
			, , , , ,	., .		1		8 8
Introduction to World					Humanities and		https://onlinecourses.nptel.a	
Literature	Prof. Merin Simi Raj	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs48	All Degree Programs
		_			Humanities and		https://onlinecourses.nptel.a	
Indian Fiction in English	Prof. Merin Simi Raj	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs49	All Degree Programs
					II 1		1.44	
Twentieth Century Fiction	Prof. Avishek Parui	3	January 23, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs50	All Degree Programs
I wentieth Century Fiction	FIOI. AVISIEK FAIUI	ن ا	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	C.III/110C23_IIS3U	An Degree Frograms

Introduction to Cultural					Humanities and		https://onlinecourses.nptel.a	
Studies	Prof. Avishek Parui	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs51	All Degree Programs
							_	
English Language for					Humanities and		https://onlinecourses.nptel.a	
Competitive Exams	Prof. Aysha Iqbal	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs52	All Degree Programs
American Literature &					Humanities and		https://onlinecourses.nptel.a	
Culture	Prof. Aysha Iqbal	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs53	All Degree Programs
Modern Indian Writing in Translation	Prof. Divya	3	January 23, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs54	All Degree Programs
Tunsianon	Tion Divyu		Junuary 23, 2023	11011111, 2023	Social Sciences	115111 25, 2025	<u> </u>	7 III Degree 1 Tograms
					Humanities and		https://onlinecourses.nptel.a	
Intellectual Property	Prof. Feroz Ali	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs55	All Degree Programs
Indian Feminisms: Concepts					Humanities and		https://onlinecourses.nptel.a	
and Issues	Prof. Anandita Pan	1	February 20, 2023	March 17, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs56	All Degree Programs
United Nations Sustainable								
Development Goals (UN	D C CI : T'	2	22 2022		Humanities and		https://onlinecourses.nptel.a	
SDGs)	Prof. Shiva Ji	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs57	All Degree Programs
Literature and Life	Prof. S P Dhanavel	3	January 23, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs58	All Degree Programs
Appreciating Hindustani	Prof. Lakshmi Sreeram Prof. Srijan				Humanities and		https://onlinecourses.nptel.a	
Music	Deshpande	2	February 20, 2023	April 14, 2023	social sciences	April 29, 2023	c.in/noc23_hs59	All Degree Programs
Introduction to Pāṇinian					Humanities and		https://onlinecourses.nptel.a	
grammar	Prof. Malhar Kulkarni	3	January 23, 2023	April 14, 2023	social sciences	April 30, 2023	c.in/noc23_hs60	All Degree Programs
Nametica Made and Elect	Durch Contract Donner	2	I	A:1 14 2022	Humanities and	A:1 20, 2022	https://onlinecourses.nptel.a	All Danies Danies
Narrative Mode and Fiction	Prof. Sarbani Banerjee	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs61	All Degree Programs

					Humanities and		https://onlinecourses.nptel.a	
Group Dynamics	Prof. Pooja Garg	2	February 20, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs62	All Degree Programs
					TT1		1.44//1	
Indian Poetry in English	Prof. Binod Mishra	2	February 20, 2023	April 14, 2023	Humanities and Social Sciences	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 hs63	All Degree Programs
mdan roctry in English	1 tot. Billod Wilsilla		1 Columny 20, 2023	April 14, 2023	Social Sciences	April 50, 2025	C.III/110C23_11S03	All Degree Flograms
					Humanities and		https://onlinecourses.nptel.a	
Contextualizing Gender	Prof. Rashmi Gaur	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs64	All Degree Programs
					IIitiaa aad		1.44	
समास samāsa in Pāṇinian grammar- I	Prof. Malhar Kulkarni	3	January 23, 2023	April 14, 2023	Humanities and Social Sciences	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 hs65	All Degree Programs
grammar- r	1101. Walilai Kulkailii		January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	C.III/110C23_11S03	All Degree Flograms
Bilingualism: A cognitive								
and psycholinguistic					Humanities and		https://onlinecourses.nptel.a	
perspective	Prof. Bidisha Som	2	February 20, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs66	All Degree Programs
	D CD (C				TT '' 1		1 // 1	
Exploring Survey Data on Health Care	Prof. Pratap C. Mohanty	2	February 20, 2023	April 14, 2023	Humanities and Social Sciences	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 hs67	All Degree Programs
Treatm cure	ivionanty		1 cordary 20, 2023	7 tprii 1 1, 2023	Bootal Belefices	7 pm 50, 2025	<u>C.III/ IIOC23_IISO /</u>	7 III Degree 1 Tograms
					Humanities and		https://onlinecourses.nptel.a	
Learning English in Hindi	Prof. Rajesh Kumar	2	February 20, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs68	All Degree Programs
E D					Humanities and		https://onlinecourses.nptel.a	
Energy Resources, Economics and Environment	Prof Rangan Rangrice	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23 hs69	All Degree Programs
Economics and Environment	1 101. Rangan Bancijee		January 25, 2025	April 14, 2023	Social Sciences	April 50, 2025	<u>C.III/110C23_11307</u>	All Degree Hograms
Language, Culture and					Humanities and		https://onlinecourses.nptel.a	
Cognition: An Introduction	Prof. Bidisha Som	2	February 20, 2023	April 14, 2023	Social Sciences	April 30, 2023	c.in/noc23_hs70	All Degree Programs
Davish alogy of Ctarre II 141					Humanities and		httma://onlines	
Psychology of Stress, Health and Well-being	Prof. Dilwar Hussain	3	January 23, 2023	April 14, 2023	Social Sciences	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 hs71	All Degree Programs
and went being	1 1011 Difficult Hubbuill		227441 5 25, 2025		2 301a1 Sciences	1.pm 50, 2025	<u> </u>	Dogico i logiums
Phonetics and Phonology: A	Prof. Shakuntala				Humanities and		https://onlinecourses.nptel.a	
broad overview	Mahanta	2	January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	c.in/noc23_hs72	All Degree Programs

Dicheral Cal Francis C					TT1		1.44	
Philosophical Foundations of Social Research	Prof. Sambit Mallick	2	January 23, 2023	March 17, 2023	Humanities and Social Sciences	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 hs73	All Degree Programs
Social Research	Prof. Samon Mainek		January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	C.In/noc23_ns/3	All Degree Programs
Japani Bhasha - Saral								
swaroop(Japanese course					Humanities and		https://onlinecourses.nptel.a	
taught in hindi)	Prof. Vatsala Misra	3	January 23, 2023	April 14, 2023	Social Sciences	April 29, 2023	c.in/noc23_hs76	All Degree Programs
Introduction To Brain &					Humanities and		https://onlinecourses.nptel.a	
Behaviour	Prof. Ark Verma	2	January 23, 2023	March 17, 2023	Social Sciences	March 26, 2023	c.in/noc23 hs77	All Degree Programs
								<u></u>
IP Management &	D C C C C	2	E 1 20 2022	1114 2022	T	1 20 2022	https://onlinecourses.nptel.a	
Technology Transfer	Prof. Gouri Gargate	2	February 20, 2023	April 14, 2023	Law	April 30, 2023	c.in/noc23_lw01	All Degree Programs
Technology Forecasting for	Prof. Dmitry							
strategic decision making -	Kucharavy						https://onlinecourses.nptel.a	
An Introduction	Prof. Bala Ramadurai	1	January 23, 2023	February 17, 2023	Management	March 26, 2023	c.in/noc23 mg04	All Degree Programs
			•					
Data Analysis and Decision	Prof. Raghu Nandan						https://onlinecourses.nptel.a	
Making - I	Sengupta	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23 mg05	All Degree Programs
TYTAKING T	Sengupu		54H44H	11pm 11, 2025	Management	71pm 25, 2025	<u>0.115 110023_111g03</u>	Tin Degree Fregrams
	Prof. Raghu Nandan						https://onlinecourses.nptel.a	
Total Quality Management - I	Sengupta	2	February 20, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg06	All Degree Programs
	Prof. Jayanta						https://onlinecourses.nptel.a	
Management of Field Sales	Chatterjee	1	January 23, 2023	February 17, 2023	Management	March 26, 2023	c.in/noc23_mg07	All Degree Programs
	Prof. Jayanta							
	Chatterjee							
-	Prof. Shashi Shekhar						https://onlinecourses.nptel.a	
Marketing Management - II	Mishra	2	February 20, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg08	All Degree Programs
Introduction to Operations							https://onlinecourses.nptel.a	
Research	Prof. G. Srinivasan	2	February 20, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg09	All Degree Programs
Introduction to probability							https://onlinecourses.nptel.a	
and Statistics	Prof. G. Srinivasan	1	January 23, 2023	February 17, 2023	Management	March 26, 2023	c.in/noc23_mg10	All Degree Programs

	Prof. Ashwin							
	Mahalingam						https://onlinecourses.nptel.a	
Design Thinking - A Primer	Prof. Bala Ramadurai	1	January 23, 2023	February 17, 2023	Management	March 26, 2023	c.in/noc23_mg11	All Degree Programs
Financial Statement Analysis							https://onlinecourses.nptel.a	
and Reporting	Prof. Anil K. Sharma	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23 mg12	All Degree Programs
1 8		-	, , , , ,	1 / 1	5	1		8 8
Financial Management For	D 0 4 11 77 01						https://onlinecourses.nptel.a	
Managers	Prof. Anil K. Sharma	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg13	All Degree Programs
Business analytics and data							https://onlinecourses.nptel.a	
mining Modeling using R	Prof. Gaurav Dixit	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg14	All Degree Programs
							https://onlinecourses.nptel.a	
MCDM Techniques Using R	Prof Gauray Dixit	1	January 23, 2023	February 17, 2023	Management	March 26, 2023	c.in/noc23 mg15	All Degree Programs
THE BITT TECHNIQUES COME IX	Tion Guarav Bian	1	54H44H 25, 2025	1 cordary 17, 2025	Wianagement	17741011 20, 2023	<u>e.mrnoezs_mgrs</u>	Thi Begree Fregrams
							https://onlinecourses.nptel.a	
Supply Chain Analytics	Prof. Rajat Agrawal	2	February 20, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg16	All Degree Programs
Production and Operation							https://onlinecourses.nptel.a	
Management	Prof. Rajat Agrawal	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg17	All Degree Programs
Simulation of Business							https://onlinecourses.nptel.a	
Systems: An Applied Approach	Prof. Deepu Philip	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23 mg18	All Degree Programs
Прргосси	Tron. Beepa Timip		5411441 y 25, 2025	17,2023	Widnagement	17141011 20, 2023	e.mrnoeza_mg10	7 III Degree 1 Tograms
Systems Engineering:	D 0 D D1 111			1.5 1.5 0.55			https://onlinecourses.nptel.a	
Theory & Practice	Prof. Deepu Philip	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23_mg19	All Degree Programs
Introduction to Stochastic	Prof. Manjesh						https://onlinecourses.nptel.a	
Processes	Hanawal	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg20	All Degree Programs
Marketing Research and							https://onlinecourses.nptel.a	
Analysis-II	Prof. J. K. Nayak	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23 mg21	All Degree Programs
<i></i>			20, 20, 20					

	Prof. Mukesh Kumar						https://onlinecourses.nptel.a	
Business Statistics	Barua	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg22	All Degree Programs
Global Marketing	D 0.731 D 1	2	22 2022	1 11 2000			https://onlinecourses.nptel.a	4.11.D
Management	Prof. Zillur Rahman	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg23	All Degree Programs
Integrated Marketing							https://onlinecourses.nptel.a	
Management	Prof. R. Srinivasan	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23_mg24	All Degree Programs
							https://onlinecourses.nptel.a	
Infrastructure Economics	Prof. Nalin Bharti	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23 mg25	All Degree Programs
			,			Í		0 0
Leadership for India Inc:								
Practical Concepts and	Prof. C Bhaktavatsala						https://onlinecourses.nptel.a	
Constructs	Rao	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg26	All Degree Programs
Decision making with							https://onlinecourses.nptel.a	
spreadsheet	Prof. A. Ramesh	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23 mg27	All Degree Programs
Leadership and Team	Prof. Santosh	2	22 2022	1 11 2002		4 31 20 2022	https://onlinecourses.nptel.a	A 11 D
Effectiveness	Rangnekar	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg28	All Degree Programs
Talent Acquisition and	Prof. Santosh						https://onlinecourses.nptel.a	
Management	Rangnekar	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg29	All Degree Programs
	Deef Issander Version						1.44	
International Business	Prof. Jogendra Kumar Nayak	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 mg30	All Degree Programs
Thermational Business	rujuk		54H44F 25, 2025	7 pm 1 1, 2023	Wanagement	11pm 30, 2023	<u></u>	Tin Begree Fregrams
Organization	D C 7'11 D 1	2	22 2022	NA 1 17 2022	3.6	1 26 2022	https://onlinecourses.nptel.a	AUD D
Theory/Structure and Design	Prof. Zillur Rahman	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23_mg31	All Degree Programs
Integrated Marketing							https://onlinecourses.nptel.a	
Communication	Prof. Vinay Sharma	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg32	All Degree Programs

Principles of Management	Prof. Usha Lenka	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 mg33	All Degree Programs
r iniciples of Management	Fioi. Oslia Lelika	3	January 23, 2023	April 14, 2023	Wanagement	April 30, 2023	c.m/noc23_mg55	All Degree Flograms
Financial Derivatives & Risk		3	January 22, 2022	April 14, 2023	Managamant	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 mg34	All Dagwas Bragmanns
Management	Prof. J. P. Singh	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	<u>c.m/noc23_mg34</u>	All Degree Programs
Services Marketing: A	Duaf Dinlah Datta	1	January 23, 2023	February 17, 2023	Managamant	March 26, 2022	https://onlinecourses.nptel.a c.in/noc23 mg35	All Degree Programs
Practical Approach	Prof. Biplab Datta	1	January 23, 2023	February 17, 2023	Management	March 26, 2023	c.m/noc23_mg33	All Degree Programs
Managing Change In Organizations	Prof. Kbl Srivastava	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 mg37	All Degree Programs
Organizations	1 101. Koi Siivastava	2	January 23, 2023	Waten 17, 2025	ivianagement	Water 20, 2023	c.m/noc25_mg5/	All Degree Frograms
Behavioral And Personal Finance	Prof. Abhijeet Chandra	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 mg38	All Degree Programs
Finance	Fioi. Abinjeet Chandra		January 23, 2023	Water 17, 2023	Management	Watch 20, 2023	c.m/noc23_mg58	All Degree Flograms
International Marketing	Prof. Biswarup Ghosh	2	February 20, 2023	April 14, 2023	Management	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 mg39	All Degree Programs
International Warketing	1101. Biswarap Gliosii		1 cordary 20, 2023	11pm 11, 2023	Management	7 tprii 50, 2025	c.m/noc25_mg5/	711 Degree Trograms
	Prof. S Srinivasan							
Business Law for Managers	Prof. Kaushik Mukherjee	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 mg40	All Degree Programs
Busiless Law for Managers	Withheliee		January 23, 2023	Water 17, 2023	Management	Watch 20, 2023	c.m/noc23_mg40	All Degree Flograms
Ethics In Engineering Practice	Prof. Susmita Mukhopadhyay	2	February 20, 2023	April 14, 2023	Management	April 29, 2023	https://onlinecourses.nptel.a c.in/noc23 mg41	All Degree Programs
Tractice	Withiopauliyay		1 Cordary 20, 2023	April 14, 2023	ivianagement	April 29, 2023	c.m/noc23_mg+1	All Degree Frograms
	D. C.C.						1 // 12	
Retail Management	Prof. Swagato Chatterjee	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 mg42	All Degree Programs
	y		20,2020					
Foundation Course Is							https://onlinecourses.nptel.a	
Foundation Course In Managerial Economics	Prof. Barnali Nag	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 mg43	All Degree Programs
				,				
Sales And Distribution							https://onlinecourses.nptel.a	
Management	Prof. Sangeeta Sahney	2	February 20, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg44	All Degree Programs

C D1 '	Prof. Srabanti	2	22 2022	N. 1.17.2022	2.6	1 26 2022	https://onlinecourses.nptel.a	
Consumer Behaviour	Mukherjee	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23_mg45	All Degree Programs
Financial Institutions And							https://onlinecourses.nptel.a	
Markets	Prof. Jitendra Mahakud	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg46	All Degree Programs
Management Of							https://onlinecourses.nptel.a	
Commercial Banking	Prof. Jitendra Mahakud	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg47	All Degree Programs
							https://onlinecourses.nptel.a	
Safety and Risk Analytics	Prof. Jhareswar Maiti	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23 mg48	All Degree Programs
	2006							
E-Business	Prof. Mamata Jenamani	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23 mg49	All Degree Programs
L-Dusiness	Jenamani		January 23, 2023	April 14, 2023	ivianagement	April 29, 2023	c.m/noc25_mg+/	All Degree Flograms
Management Of Inventory	Prof. Pradip Kumar	2	22 2022	1114 2022			https://onlinecourses.nptel.a	D
Systems	Ray	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg50	All Degree Programs
	Prof. Pradip Kumar						https://onlinecourses.nptel.a	
Quality Design And Control	Ray	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg51	All Degree Programs
							https://onlinecourses.nptel.a	
Six Sigma	Prof. Jitesh J Thakkar	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg52	All Degree Programs
Modelling And Analytics For Supply Chain	Prof. Kunal Kanti Ghosh						https://onlinecourses.nptel.a	
Management	Prof. Anupam Ghosh	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23 mg53	All Degree Programs
							1 // 1	
Business Analytics For Management Decision	Prof. Rudra P Pradhan	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23_mg54	All Degree Programs
	1 101. Itaara 1 1 Iuaran	<u> </u>	January 23, 2023			71pm 50, 2025		I Degree Fregrams
Madadin Andadin	Prof. Swagato	2	1	A	M	A	https://onlinecourses.nptel.a	All Days Barre
Marketing Analytics	Chatterjee	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	<u>c.in/noc23_mg55</u>	All Degree Programs

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							https://onlinecourses.nptel.a	
Engineering Econometrics	Prof. Rudra P Pradhan	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23 mg56	All Degree Programs
	Prof. Susmita					•		<u> </u>
	Mukhopadhyay							
Organizational Design	Prof. Sangeeta Sahney						https://onlinecourses.nptel.a	
Change and Transformation	Prof. S. Srinivasan	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg57	All Degree Programs
Mergers, Acquisitions and	Prof. Chandra Sekhar						https://onlinecourses.nptel.a	1
Corporate Restructuring	Mishra	2	February 20, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg58	All Degree Programs
Quality Control and	Prof. Indrajit						https://onlinecourses.nptel.a	
Improvement with MINITAE	,	2	February 20, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23 mg59	All Degree Programs
			, , , ,		5	1		8 8
Introduction to System	Prof. Jayendran	•					https://onlinecourses.nptel.a	
Dynamics Modeling	Venkateswaran	2	January 23, 2023	March 17, 2023	Management	March 26, 2023	c.in/noc23_mg60	All Degree Programs
Business Development:	Prof. C Bhaktavatsala						https://onlinecourses.nptel.a	
From Start to Scale	Rao	3	January 23, 2023	April 14, 2023	Management	April 30, 2023	c.in/noc23_mg61	All Degree Programs
							https://onlinecourses.nptel.a	
Investment Management	Prof. Abhijeet Chandra	2	February 20, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23 mg62	All Degree Programs
U	j		,		5			5 5
Artificial Intelligence (AI)	Prof. Abhinava	2	1	A	M	A	https://onlinecourses.nptel.a	A 11 D
for Investments	Tripathi	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23_mg63	All Degree Programs
Advances in Strategic								
Human Resource							https://onlinecourses.nptel.a	
Management (HRM)	Prof. Ashish Pandey	1	February 20, 2023	March 17, 2023	Management	April 29, 2023	<u>c.in/noc23_mg64</u>	All Degree Programs
							https://onlinecourses.nptel.a	
Financial accounting	Prof. Puran Singh	3	January 23, 2023	April 14, 2023	Management	April 29, 2023	c.in/noc23 mg65	All Degree Programs
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Yoga and Positive					Management,			
Psychology for Managing	D 6 4 1 1 1 5 1	•	D 1 20 2000		Psychology, Human		https://onlinecourses.nptel.a	
Career and Life	Prof. Ashish Pandey	2	February 20, 2023	April 14, 2023	Values	April 30, 2023	c.in/noc23_hs74	All Degree Programs

Corrosion Protection					Materials Science &		https://onlinecourses.nptel.a	
Methods	Prof. Kallol Mondal	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 mm01	All Degree Programs
The Mode	Tron Tamer Hand		20, 2025	1.191111, 2020	2.ig.iivviiiig		······································	I III D egi e e i regiumb
							https://onlinecourses.nptel.a	
Graph Theory	Prof. Soumen Maity	2	January 23, 2023	March 17, 2023	Mathematics	March 26, 2023	c.in/noc23_ma01	All Degree Programs
Introduction To Rings And	Prof. Krishna						https://onlinecourses.nptel.a	
Fields	Hanumantha	2	January 23, 2023	March 17, 2023	Mathematics	March 26, 2023	c.in/noc23_ma02	All Degree Programs
Linear Algebra	Prof. Pranav Haridas	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 ma03	All Degree Programs
Emen Higeora	Tion Trainer Thankaus	3	Junuary 23, 2023	110111111111111111111111111111111111111	- Nationalies	110111 30, 2023	e.iii iioo23 -iiiao3	7111 Degree 1 Tograms
Probabilistic Methods in	Prof. Anindya						https://onlinecourses.nptel.a	
PDE	Goswami	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma04	All Degree Programs
Numerical Linear Algebra	Prof. P. N. Agarawal Prof. D. N. Pandey	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23_ma05	All Degree Programs
Ordinary and Partial								
Differential Equations and	Prof. P. N. Agrawal	2	1 22 2022	A	Madamadia	A	https://onlinecourses.nptel.a c.in/noc23 ma06	All D D
Applications	Prof. D. N. Pandey	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_mau6	All Degree Programs
							https://onlinecourses.nptel.a	
Basic Linear Algebra	Prof. I.K.Rana	2	February 20, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma07	All Degree Programs
Basic Real Analysis	Prof. I. K. Rana	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ma08	All Degree Programs
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	Prof. S. K. Gupta	_					https://onlinecourses.nptel.a	
Multivariable calculus	Prof. Sanjeev Kumar	2	January 23, 2023	March 17, 2023	Mathematics	March 26, 2023	c.in/noc23_ma09	All Degree Programs
Mathematical Modelling:	Prof. Ameeya Kumar						https://onlinecourses.nptel.a	
Analysis and Applications	Nayak	1	January 23, 2023	February 17, 2023	Mathematics	March 26, 2023	c.in/noc23_ma10	All Degree Programs

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Numerical Methods: Finite difference approach	Prof. Ameeya Kumar Nayak	1	January 23, 2023	February 17, 2023	Mathematics	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ma11	All Degree Programs
аптегенее арргоаси	ruyuk	1	3411441 y 23, 2023	1 cordary 17, 2023	Withomatics	Witaren 20, 2025	<u>c.m/noc25_ma11</u>	7th Degree Frograms
Introduction to Galois Theory	Prof. Krishna	2	January 22, 2022	March 17 2022	Mathematics	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ma12	All Degree Programs
introduction to Galois Theory	Папишанин		January 23, 2023	March 17, 2023	Wathematics	March 20, 2023	c.m/noc23_ma12	All Degree Programs
D ' C 1 1 1	D C A ' 1 G' 1	2	22 2022	. 114 2022	26.4	1 20 2022	https://onlinecourses.nptel.a	411 D D
Basic Calculus - 1	Prof. Arindama Singh	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma13	All Degree Programs
	Prof. S. Viswanath							
	Prof. Amritanshu						https://onlinecourses.nptel.a	
Algebra - II	Prasad	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma14	All Degree Programs
							https://onlinecourses.nptel.a	
Functional Analysis	Prof. Kesavan	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma15	All Degree Programs
Computational Mathematics							https://onlinecourses.nptel.a	
with SageMath	Prof. Ajit Kumar	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_ma16	All Degree Programs
							https://onlinecourses.nptel.a	
Advanced Linear Algebra	Prof. Premananda Bera	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma17	All Degree Programs
Dynamical System and	Prof. N. Sukavanam						https://onlinecourses.nptel.a	
Control	Prof. D. N. Pandey	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma18	All Degree Programs
	Prof. Amritanshu							
	Prasad Prof. Sankaran						https://onlinecourses.nptel.a	
Algebraic Combinatorics	Viswanath	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma19	All Degree Programs
An introduction to Point-Set-							https://onlinecourses.nptel.a	
Topology Part-I	Prof. Anant R Shastri	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23 ma20	All Degree Programs
C* 1. 1 1							1.4//1	
C* algebras and spectral theorem	Prof. E K Narayanan	2	February 20, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 ma21	All Degree Programs
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Prof. G. K Srinivasan	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	<u>c.in/noc23_ma22</u>	All Degree Programs
						https://onlinegourges.nntol.g	
Prof Sirshendu De	1	January 23 2023	February 17, 2023	Mathematics	March 26, 2023		All Degree Programs
1101. Sitshenda De	1	Junuary 23, 2023	1 cordary 17, 2025	Wittenematics	Witten 20, 2025	<u>c.m/noc25_ma25</u>	All Degree Hograms
Prof Somesh Kumar	3	January 23 2023	April 14, 2023	Mathematics	April 30, 2023		All Degree Programs
1101. Somesh Kumar	<u> </u>	January 23, 2023	April 14, 2023	Wathematics	April 30, 2023	<u>c.m/noc25_ma24</u>	All Degree Hograms
Prof Litendra Kumar	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023		All Degree Programs
1 101. Stiendra Kumai	<u> </u>	January 23, 2023	April 14, 2023	Wathematics	April 30, 2023	<u>c.m/noc25_ma25</u>	All Degree Hograms
D 07							
Prof. Jhareswar Maiti	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma26	All Degree Programs
Prof. Hari Shankar						https://onlinecourses.nptel.a	
Mahato	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_ma27	All Degree Programs
						https://onlinecourses.nntel.a	
Prof. Somesh Kumar	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023		All Degree Programs
	-						
Prof. A. Goswami							
Prof. Debjani						https://onlinecourses.nptel.a	
Chakraborty	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma29	All Degree Programs
Prof. Somnath						https://onlinecourses.nptel.a	
Bhattacharyya	1	February 20, 2023	March 17, 2023	Mathematics	April 30, 2023	<u>c.in/noc23_ma30</u>	All Degree Programs
						https://onlinecourses.nntel.a	
Prof. Swanand Khare	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma31	All Degree Programs
						https://onlinecourses.nptel.a	
Prof. H S Mahato	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23 ma33	All Degree Programs
	Prof. Somesh Kumar Prof. A. Goswami Prof. Debjani Chakraborty Prof. Somnath Bhattacharyya Prof. Swanand Khare	Prof. Sirshendu De 1 Prof. Somesh Kumar 3 Prof. Jitendra Kumar 3 Prof. Jhareswar Maiti 3 Prof. Hari Shankar Mahato 3 Prof. Somesh Kumar 3 Prof. A. Goswami Prof. Debjani Chakraborty 3 Prof. Somnath Bhattacharyya 1 Prof. Swanand Khare 3	Prof. Sirshendu De 1 January 23, 2023 Prof. Somesh Kumar 3 January 23, 2023 Prof. Jitendra Kumar 3 January 23, 2023 Prof. Hari Shankar Mahato 3 January 23, 2023 Prof. Somesh Kumar 3 January 23, 2023 Prof. A. Goswami Prof. Debjani Chakraborty 3 January 23, 2023 Prof. Somnath Bhattacharyya 1 February 20, 2023 Prof. Swanand Khare 3 January 23, 2023	Prof. Sirshendu De 1 January 23, 2023 February 17, 2023 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Prof. Jitendra Kumar 3 January 23, 2023 April 14, 2023 Prof. Jhareswar Maiti 3 January 23, 2023 April 14, 2023 Prof. Hari Shankar Mahato 3 January 23, 2023 April 14, 2023 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Prof. A. Goswami Prof. Debjani Chakraborty 3 January 23, 2023 April 14, 2023 Prof. Somnath Bhattacharyya 1 February 20, 2023 March 17, 2023 Prof. Swanand Khare 3 January 23, 2023 April 14, 2023	Prof. Sirshendu De 1 January 23, 2023 February 17, 2023 Mathematics Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics Prof. Jitendra Kumar 3 January 23, 2023 April 14, 2023 Mathematics Prof. Hari Shankar Mahato 3 January 23, 2023 April 14, 2023 Mathematics Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics Prof. A. Goswami Prof. Debjani Chakraborty 3 January 23, 2023 April 14, 2023 Mathematics Prof. Somnath Bhattacharyya 1 February 20, 2023 March 17, 2023 Mathematics Prof. Swanand Khare 3 January 23, 2023 April 14, 2023 Mathematics	Prof. Sirshendu De 1 January 23, 2023 February 17, 2023 Mathematics March 26, 2023 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 Prof. Jitendra Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 Prof. Jhareswar Maiti 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 Prof. Hari Shankar Mahato 3 January 23, 2023 April 14, 2023 Mathematics April 29, 2023 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 Prof. A. Goswami Prof. Debjani Chakraborty 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 Prof. Somnath Bhattacharyya 1 February 20, 2023 March 17, 2023 Mathematics April 30, 2023 Prof. Swanand Khare 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023	Prof. Sirshendu De 1 January 23, 2023 February 17, 2023 Mathematics March 26, 2023 https://onlinecourses.nptel.a c.in/noc23_ma23 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 https://onlinecourses.nptel.a c.in/noc23_ma24 Prof. Jitendra Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 https://onlinecourses.nptel.a c.in/noc23_ma25 Prof. Jhareswar Maiti 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 https://onlinecourses.nptel.a c.in/noc23_ma26 Prof. Hari Shankar Mahato 3 January 23, 2023 April 14, 2023 Mathematics April 29, 2023 https://onlinecourses.nptel.a c.in/noc23_ma27 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 https://onlinecourses.nptel.a c.in/noc23_ma28 Prof. Somesh Kumar 3 January 23, 2023 April 14, 2023 Mathematics April 30, 2023 https://onlinecourses.nptel.a c.in/noc23_ma29 Prof. Somnath Bhattacharyya 1 February 20, 2023 April 14, 2023 Mathematics

Statistical Inference - IITD	Prof. Niladri Chatterjee	2	January 23, 2023	March 17, 2023	Mathematics	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ma34	All Degree Programs
Satisfied inference 1115	Tion (vindari charter)ce		54H4417 25, 2025	17, 2023	TVIALITE ITALITES	Waren 20, 2023	e.mrnoe25_mas i	7 III Degree Frograms
Advanced Probability Theory	Prof Niladri Chattariaa	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ma35	All Degree Programs
Advanced Frobability Theory	FIOI. Milauri Chauerjee	3	January 25, 2025	April 14, 2023	Mathematics	April 30, 2023	c.m/noc25_ma55	All Degree Flograms
	Prof. Mani Mehra							
Scientific Computing using	Prof. Vivek K.						https://onlinecourses.nptel.a	
Matlab	Aggarwal	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma36	All Degree Programs
An Introduction to							https://onlinecourses.nptel.a	
Hyperbolic Geometry	Prof. Abhijit Pal	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma37	All Degree Programs
Introduction to Queueing							https://onlinecourses.nptel.a	
Theory	Prof. N.Selvaraju	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma38	All Degree Programs
Essentials Of Data Science								
With R Software - 1: Probability And Statistical							https://onlinecourses.nptel.a	
Inference	Prof. Shalabh	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23_ma39	All Degree Programs
Essentials Of Data Science								
With R Software - 2: Sampling Theory And							https://onlinecourses.nptel.a	
Linear Regression Analysis	Prof. Shalabh	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	c.in/noc23 ma40	All Degree Programs
								5 5
E' (C D (1	Prof. A. K.						1 // 1	
First Course on Partial Differential Equations - I	Nandakumaran Prof. P. S. Datti	2	January 23, 2023	March 17, 2023	Mathematics	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 ma41	All Degree Programs
Differential Equations 1	Troi. T. S. Butti		5411441 y 25, 2025	17, 2025	TVIALITE ITALITES	Water 20, 2023	<u> </u>	7 III Degree Fregrams
Variational Calculus and its								
applications in Control Theory and Nanomechanics	Prof. Sarthok Sircar	3	January 23, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 ma42	All Degree Programs
Theory and ivalioniechafiles	1 101. Satulok Silvai	3	January 23, 2023	дри 14, 2023	iviamematics	April 50, 2025	C.III/110C23_III442	An Degree Frograms
Transform Techniques for	Des C. C. de les	2	1	A	Madamad	A	https://onlinecourses.nptel.a	
Engineers	Prof. Srinivasa Manam	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_ma43	All Degree Programs
							https://onlinecourses.nptel.a	
Numerical Analysis	Prof. S. Baskar	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_ma44	All Degree Programs

A Primer to Mathematical							https://onlinecourses.nptel.a	
Optimization	Prof. Debdas Ghosh	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_ma45	All Degree Programs
Predictive Analytics -							https://onlinecourses.nptel.a	
Regression and Classification	Prof. Sourish Das	3	January 23, 2023	April 14, 2023	Statistics	April 30, 2023	c.in/noc23 ma46	All Degree Programs
8								
Measure Theoretic Probability 1	Prof. Suprio Bhar	2	February 20, 2023	April 14, 2023	Mathematics	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 ma47/preview	All Degree Programs
Probability 1	Pioi. Suprio Bilai		reordary 20, 2023	April 14, 2023	Mathematics	April 30, 2023	c.m/noc25_ma4//preview	All Degree Flograms
Probability –I with	D 0.01 + 1	•			2.5.1		https://onlinecourses.nptel.a	
Examples Using R	Prof. Siva Athreya	3	January 23, 2023	April 14, 2023	Mathematics	April 29, 2023	c.in/noc23_ma48/preview	All Degree Programs
	Prof. Sounak Kumar				Mechanical		https://onlinecourses.nptel.a	
Machining Science	Choudhury	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23_me02	All Degree Programs
Acoustic Materials and					Mechanical		https://onlinecourses.nptel.a	
Metamaterials	Prof. Sneha Singh	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me03	All Degree Programs
Commutational Eluid								
Computational Fluid Dynamics for					Mechanical		https://onlinecourses.nptel.a	
Incompressible Flows	Prof. Amaresh Dalal	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 me04	All Degree Programs
•						•		
E. Terrer and Lorin and I					Markania		1.4//1	
Failure analysis and Prevention	Prof. D. K. Dwivedi	2	February 20, 2023	April 14, 2023	Mechanical Engineering	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 me05	All Degree Programs
revention	Tiol. D. R. Dwivedi	<u> </u>	1 Cordary 20, 2023	April 14, 2023	Lingineering	April 50, 2025	<u>C.III/110023_IIC03</u>	An Degree Hograms
Principles of Industrial	Doef D.V. Dovino 4	2	J 22, 2022	A: 1 1 4 2022	Mechanical	A:1 20, 2022	https://onlinecourses.nptel.a	
Engineering	Prof. D K Dwivedi	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me06	All Degree Programs
Robotics and Control:	Prof. N. Sukavanam	2		N. 1.17.2022	Mechanical	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	https://onlinecourses.nptel.a	
Theory and Practice	Prof. M. Felix Orlando	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me07	All Degree Programs
Steam and Gas Power					Mechanical		https://onlinecourses.nptel.a	
Systems	Prof. Ravi Kumar	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me08	All Degree Programs

Mechanical Measurement					Mechanical		https://onlinecourses.nptel.a	
System	Prof. Ravi Kumar	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me09	All Degree Programs
System	F101. Kavi Kuillai	<u>Z</u>	reditary 20, 2023	April 14, 2023	Engineering	April 50, 2023	c.m/noc25_meo9	All Degree Flograms
Turbulent Combustion:					Mechanical		https://onlinecourses.nptel.a	
Theory And Modelling	Prof. Ashoke De	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 me10	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Experimental Stress Analysis	Prof. K. Ramesh	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me11	All Degree Programs
Fundamentals of combustion		2	22 2022	M 1 17 2022	Mechanical	1 26 2022	https://onlinecourses.nptel.a	411 D D
for propulsion	Prof. H S Mukunda	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me12	All Degree Programs
Computer Integrated	Prof. J. Ramkumar				Mechanical		https://onlinecourses.nptel.a	
Manufacturing	Prof. Amandeep Singh	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 me13	All Degree Programs
Wandiacturing	1101. Amandeep singir	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	<u>C.III/II0C23_IIC13</u>	All Degree 1 logiants
Product Design and	Prof. J.Ramkumar				Mechanical		https://onlinecourses.nptel.a	
Manufacturing	Prof. Amandeep Singh	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me14	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Automatic Control	Prof. Anil Kumar	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me15	All Degree Programs
Maritanian CM attitud	D., C. II.1 C. D.''4	2	1 22 2022	M	Mechanical	M1 26 2022	https://onlinecourses.nptel.a	A 11 D
Mechanics of Machining	Prof. Uday S. Dixit	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me16	All Degree Programs
Nature and Properties of	Prof. Bishakh				Mechanical		https://onlinecourses.nptel.a	
Materials	Bhattacharya	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me17	All Degree Programs
	-		-					
Smart Materials and	Prof. Bishakh				Mechanical		https://onlinecourses.nptel.a	
Intelligent System Design	Bhattacharya	1	February 20, 2023	March 17, 2023	Engineering	April 30, 2023	c.in/noc23_me18	All Degree Programs
Modelling and Simulation of Dynamic Systems	Prof. Pushparaj Mani Pathak	2	February 20, 2023	April 14, 2022	Mechanical Engineering	April 20, 2022	https://onlinecourses.nptel.ac.in/noc23 me19	All Degree Programs
Dynamic Systems	гашак	L	reoruary 20, 2023	April 14, 2023	Engineering	April 30, 2023	C.III/IIOC23_IIIE19	All Degree Programs

F 1 0W 11							1 // 1	
Fundamental of Welding Science and Technology	Prof. Pankaj Biswas	2	January 23, 2023	March 17, 2023	Mechanical Engineering	March 26, 2023	https://onlinecourses.nptel.a c.in/noc23 me20	All Degree Programs
Science and Technology	FIOI. Falikaj Diswas		January 23, 2023	Watch 17, 2023	Engineering	Watch 20, 2023	C.III/IIOC23_IIIE20	All Degree Flograms
Introduction to Abrasive								
Machining and Finishing	Prof. Mamilla Ravi				Mechanical		https://onlinecourses.nptel.a	
Processes	Sankar	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me21	All Degree Programs
	D 0.16 111 D 1							
Introduction to Machining	Prof. Mamilla Ravi	2	I 22 2022	Manal 17 2022	Mechanical	Manal 26 2022	https://onlinecourses.nptel.a c.in/noc23 me22	A 11 D a ann a Dua ann an
and Machining Fluids	Sankar	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc25_me22	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Convective Heat Transfer	Prof. Arup Kumar Das	1	February 20, 2023	March 17, 2023	Engineering	April 30, 2023	c.in/noc23_me23	All Degree Programs
Two phase flow and heat	D C A K D		22 2022	E 1 17 2022	Mechanical	1 2 6 2022	https://onlinecourses.nptel.a	4.11.D
transfer	Prof. Arup Kumar Das	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23_me24	All Degree Programs
Manufacturing Process	Prof. Shantanu				Mechanical		https://onlinecourses.nptel.a	
Technology I & II	Bhattacharya	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me25	All Degree Programs
	·				<u> </u>			
	Prof. Shantanu				Mechanical		https://onlinecourses.nptel.a	
Design Practice	Bhattacharya	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me26	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Fundamentals of Combustion	Prof. V. Raghayan	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 me27	All Degree Programs
T WHANTISHED OF COMORDINA	Tron Wranghavan		25, 2025	11,2020	z.ngg	11pm 25, 2025	<u></u>	I II B egi e Trograms
Oil Hydraulics and					Mechanical		https://onlinecourses.nptel.a	
Pneumatics	Prof. Somashekhar S	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me28	All Degree Programs
	Prof. K. Ramamurthi						1 // 1	
Explosions and Safety	Prof. Prasad Patnaik Bsv	3	January 23, 2023	April 14, 2023	Mechanical Engineering	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 me29	All Degree Programs
Explosions and Salety	Prof. Asokan	3	January 23, 2023	April 14, 2023	Engineering	April 50, 2025	C.III/ HOC23_HIC27	An Degree Programs
	Thondiyath							
	Prof. Santhakumar				Mechanical		https://onlinecourses.nptel.a	
Wheeled Mobile Robots	Mohan	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	<u>c.in/noc23_me30</u>	All Degree Programs

Thermal Engineering: Basic	Prof. Pranab K.	2	1	A	Mechanical	A	https://onlinecourses.nptel.a	A 11 D
and Applied	Mondal	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me31	All Degree Programs
Inverse Methods in Heat					Mechanical		https://onlinecourses.nptel.a	
Transfer	Prof. Balaji Srinivasan	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me32	All Degree Programs
Optimization from	Prof. Ankur A.				Mechanical		https://onlinecourses.nptel.a	
fundamentals	Kulkarni	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me33	All Degree Programs
	Prof. Aloke Kumar							
Optical Methods for Solid	Prof. Koushik				Mechanical		https://onlinecourses.nptel.a	
and Fluid Mechanics	Viswanathan	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me34	All Degree Programs
I 1 . 1 C . 1 C					Markania		1.4//1	
Ideal fluid flows using complex analysis	Prof. Amit Gupta	1	February 20, 2023	March 17, 2023	Mechanical Engineering	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 me35	All Degree Programs
complex analysis	Pioi. Ainit Gupta	1	reordary 20, 2023	Water 17, 2023	Engineering	April 30, 2023	C.III/IIOC23_IIIC33	All Degree Flograms
Kinematics Of Mechanisms	Prof. Anirvan				Mechanical		https://onlinecourses.nptel.a	
And Machines	Dasgupta	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me36	All Degree Programs
Gear And Gear Unit Design:	Prof. Rathindranath				Mechanical		https://onlinecourses.nptel.a	
Theory And Practice	Maiti	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me37	All Degree Programs
Electronic Packaging And	Prof. Anandaroop				Mechanical		https://onlinecourses.nptel.a	
Manufacturing	Bhattacharya	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 me38	All Degree Programs
							_	
Tools In Scientific	Prof. Aditya				Mechanical		https://onlinecourses.nptel.a	
Computing	Bandopadhyay	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me39	All Degree Programs
_								
Traditional And Non-	D 0 D 111							
Traditional Optimization	Prof. Dilip Kumar	2	January 22, 2022	March 17 2022	Mechanical	March 26, 2022	https://onlinecourses.nptel.ac.in/noc23 me40	All Dogmas Description
Tools	Pratihar	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	<u>с.ш/пос25_me40</u>	All Degree Programs
Machinery Fault Diagnosis	Prof. Amiya Ranjan	•			Mechanical		https://onlinecourses.nptel.a	
And Signal Processing	Mohanty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me41	All Degree Programs

Introduction To Fluid	Prof. Suman				Mechanical		https://onlinecourses.nptel.a	
Mechanics	Chakraborty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me42	All Degree Programs
Weenames	Chakraborty	3	January 23, 2023	Арт 14, 2023	Engineering	April 30, 2023	<u>c.m/noc25_mc42</u>	All Degree Flograms
Introduction To Mechanical					Mechanical		https://onlinecourses.nptel.a	
Micro Machining	Prof. Ajay M Sidpara	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me43	All Degree Programs
Manufacturing Guidelines					Mechanical		https://onlinecourses.nptel.a	
for Product Design	Prof. Inderdeep Singh	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me44	All Degree Programs
		_			Mechanical		https://onlinecourses.nptel.a	
Operations Management	Prof. Inderdeep Singh	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me45	All Degree Programs
Surface Engineering of	D CH LIDI	2	22 2022	NA 1 17 2022	Mechanical	1 26 2022	https://onlinecourses.nptel.a	4 11 D D
Nanomaterials	Prof. Kaushik Pal	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me46	All Degree Programs
In an anti-order of Occality					Mashaniaal		1.44	
Inspection and Quality Control in Manufacturing	Prof. Kaushik Pal	1	January 23, 2023	February 17, 2023	Mechanical Engineering	March 26, 2023	https://onlinecourses.nptel.ac.in/noc23 me47	All Degree Programs
Control in Mandiacturing	1 101. Kausiik 1 ai	1	January 23, 2023	1 cordary 17, 2023	Liigineering	Water 20, 2023	<u>c.m/noc25_mc47</u>	All Degree Hograms
Principles of Casting					Mechanical		https://onlinecourses.nptel.a	
Technology	Prof. P. K. Jha	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me48	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Welding Metallurgy	Prof. P. K. Jha	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me49	All Degree Programs
	Prof. Pushparaj Mani				Mechanical		https://onlinecourses.nptel.a	
Mechatronics	Pathak	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me50	All Degree Programs
15.1	D CALLED II	2	22 2022	. 114 2022	Mechanical		https://onlinecourses.nptel.a	
Advanced Robotics	Prof. Ashish Dutta	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me51	All Degree Programs
	D (D 1775				M. 1. 1. 1		1	
Product Engineering and Design Thinking	Prof. Pranab K Dan Prof. Prabir Sarkar	2	February 20, 2023	April 14, 2023	Mechanical Engineering	April 30, 2023	https://onlinecourses.nptel.ac.in/noc23 me52	All Degree Programs
Design Tillikilig	1101. Flault Salkai	L	1 Coluary 20, 2023	April 14, 2023	Engineering	April 50, 2025	c.m/noc25_me32	An Degree Programs

Fundamentals of					Mechanical		https://onlinecourses.nptel.a	
Compressible Flow	Prof. Niranjan Sahoo	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me53	All Degree Programs
Mechanics of Fiber								
Reinforced Polymer	Prof. Debabrata				Mechanical		https://onlinecourses.nptel.a	
Composite Structures	Chakraborty	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me54	All Degree Programs
	Prof. Pranab K.							
	Mondal							
	Prof. Viniyak				Mechanical		https://onlinecourses.nptel.a	
IC Engines and Gas Turbines	Kulkarni	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me55	All Degree Programs
27 11 771 2	D CC II D : 1	2	22 2022		Mechanical		https://onlinecourses.nptel.a	4 11 D
Nonlinear Vibration	Prof. S. K. Dwivedy	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me56	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Viscous Fluid Flow	Prof. Amaresh Dalal	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me57	All Degree Programs
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Finite element modeling of					Mechanical		https://onlinecourses.nptel.a	
welding processes	Prof. Swarup Bag	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_me58	All Degree Programs
	D 0 D 11				Mechanical		https://onlinecourses.nptel.a	
Theory of Composite Shells	Prof. Poonam Kumari	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_me59	All Degree Programs
E1								
Evolutionary Computation for Single and Multi-					Mechanical		https://onlinecourses.nptel.a	
Objective Optimization	Prof. Deepak Sharma	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 me60	All Degree Programs
Objective Optimization	тот. Беерак знатна	<u> </u>	January 23, 2023	Widicii 17, 2025	Lingineering	Widicii 20, 2023	<u>C.HI/HOC25_HICOO</u>	An Degree Frograms
Theory of Rectangular					Mechanical		https://onlinecourses.nptel.a	
Plates-Part1	Prof. Poonam Kumari	1	February 20, 2023	March 17, 2023	Engineering	April 30, 2023	c.in/noc23_me61	All Degree Programs
	Prof. Sounak Kumar			D.1. 45.000	Mechanical	1.6	https://onlinecourses.nptel.a	
Manufacturing Automation	Choudhury	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23_me62	All Degree Programs
Basics of Finite Element					Mechanical		https://onlinecourses.nptel.a	
Analysis - II	Prof. Nachiketa Tiwari	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 me63	All Degree Programs
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Noise Management &	D., C.M., 1.114, Th.,	2	1	A	Mechanical	A	https://onlinecourses.nptel.a	A 11 D
Control	Prof. Nachiketa Tiwari	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me64	All Degree Programs
					Mechanical		https://onlinecourses.nptel.a	
Thermodynamics	Prof. S.R. Kale	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 me65	All Degree Programs
Thermodynamics	1 101. S.R. Kaic	3	January 23, 2023	Арт 14, 2023	Lingineering	April 30, 2023	C.III/IIOCZ5_IIICO5	All Degree Hograms
Introduction To Uncertainty								
Analysis And					Mechanical		https://onlinecourses.nptel.a	
Experimentation	Prof. S.R. Kale	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 me66	All Degree Programs
1			, , , , , , , , , , , , , , , , , , ,	.,	5 5			8 8
Robotics: Basics and					Mechanical		https://onlinecourses.nptel.a	
Selected Advanced Concepts	Prof. Ashitava Ghosal	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me67	All Degree Programs
Two-Phase Flow With Phase								
Change In Conventional	Prof. Manmohan				Mechanical		https://onlinecourses.nptel.a	
And Miniature Channels	Pandey	1	February 20, 2023	March 17, 2023	Engineering	April 29, 2023	c.in/noc23_me68	All Degree Programs
Statistical Thermodynamics	D CG . 11D	2	22 2022	. 114 2022	Mechanical		https://onlinecourses.nptel.a	4.11.D
for Engineers	Prof. Saptarshi Basu	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_me69	All Degree Programs
					N. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			
Fundamentals Of Electronic	Prof. Parasuraman				Metallurgical and Materials		https://onlinecourses.nptel.a	
Materials And Devices	Swaminathan	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 mm02	All Degree Programs
Materials And Devices	Swaiiiiiaiiiaii		January 23, 2023	Water 17, 2023	Engineering	Wiaicii 20, 2023	<u>C.III/110C23_IIII102</u>	All Degree Flograms
					Metallurgical and			
					Materials		https://onlinecourses.nptel.a	
Material Characterization	Prof. S. Sankaran	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 mm03	All Degree Programs
Triaterial Characterization	1101. S. Saintaran		Junuary 23, 2023	11011111, 2023	Engineering	110111 25, 2025	<u> </u>	Till Begree Frograms
Steel Quality: Role of					Metallurgical and			
Secondary Refining &					Materials		https://onlinecourses.nptel.a	
Continuous Casting	Prof. Santanu Kr. Ray	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 mm04	All Degree Programs
			•			-	_	
					Metallurgical and			
Theory and Practice of Non					Materials		https://onlinecourses.nptel.a	
Destructive Testing	Prof. Ranjit Bauri	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_mm05	All Degree Programs
					Metallurgical and			
	Prof. Murugaiyan				Materials		https://onlinecourses.nptel.a	
Welding Processes	Amirthalingam	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_mm06	All Degree Programs

					Metallurgical and			
Materials Science and					Materials		https://onlinecourses.nptel.a	
Engineering	Prof. Vivek Pancholi	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23 mm07	All Degree Programs
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Properties of Materials					Metallurgical and			
(Nature and Properties of					Materials		https://onlinecourses.nptel.a	
Materials : III)	Prof. Ashish Garg	2	February 20, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23_mm08	All Degree Programs
Dealing with materials data:					Metallurgical and			
collection, analysis and	Prof. M P Gururajan				Materials		https://onlinecourses.nptel.a	
interpretation	Prof. Hina Gokhale	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_mm09	All Degree Programs
Solar Photovoltaics:					Metallurgical and			
Principles, Technologies &					Materials		https://onlinecourses.nptel.a	
Materials	Prof. Ashish Garg	2	January 23, 2023	March 17, 2023	Engineering	March 26, 2023	c.in/noc23_mm10	All Degree Programs
					Metallurgical and			
Diffusion in	Prof. Kaustubh	2	22 2022		Materials		https://onlinecourses.nptel.a	4 11 D
Multicomponent Solids	Kulkarni	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_mm11	All Degree Programs
					3.6 . 11 . 1 . 1			
Defects in Crystalline Solids	Prof. Shashank				Metallurgical and Materials		https://onlinecourses.nptel.a	
(Part-II)	Shekhar	1	January 23, 2023	February 17, 2023	Engineering	March 26, 2023	c.in/noc23 mm12	All Degree Programs
(1 a1t-11)	Silekilai	1	January 23, 2023	1 cordary 17, 2023	Engineering	Water 20, 2023	C.III/IIOC25_IIIII12	All Degree I logialis
	Prof. Shashank				Metallurgical and			
Fundamentals of Material	Shekhar				Materials		https://onlinecourses.nptel.a	
Processing - Part 2	Prof. Anshu Gaur	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23 mm13	All Degree Programs
110000000000000000000000000000000000000	Tron Thiblia Gam		20, 2022		z.ngerg	119111 50, 2025	<u> </u>	I II B ogree I regrams
					Metallurgical and			
Carbon Materials and					Materials		https://onlinecourses.nptel.a	
Manufacturing	Prof. Swati Sharma	3	January 23, 2023	April 14, 2023	Engineering	April 29, 2023	c.in/noc23 mm14	All Degree Programs
			•					
					Metallurgical and			
Crystals, Symmetry and					Materials		https://onlinecourses.nptel.a	
Tensors	Prof. Rajesh Prasad	3	January 23, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_mm16	All Degree Programs
					Metallurgical and			
Cathodic Protection					Materials		https://onlinecourses.nptel.a	
Engineering	Prof. V.S. Raja	1	February 20, 2023	March 17, 2023	Engineering	April 29, 2023	c.in/noc23_mm17	All Degree Programs
Introduction To Crystal					Metallurgical and			
Elasticity And Crystal					Materials		https://onlinecourses.nptel.a	[
Plasticity	Prof. Swarup Bag	2	February 20, 2023	April 14, 2023	Engineering	April 30, 2023	c.in/noc23_mm18	All Degree Programs

	Prof. Shashank							
N. 1 . 1D 1	Shekhar				3.6 . 11		1 // 12	
Mechanical Behaviour of	Prof. Sudhanshu	2	I 22 2022	A:1 1.4 2022	Metallurgy and	A:1 20, 2022	https://onlinecourses.nptel.a c.in/noc23 mm19	A 11 D a ann a Dua ann an
Materials (Part – I)	Shekhar Singh	3	January 23, 2023	April 14, 2023	Material Science	April 29, 2023	<u>c.in/noc23_mm19</u>	All Degree Programs
Scanning Electron / Ion /								
Probe Microscopy In	Prof. Debabrata				Metallurgy and		https://onlinecourses.nptel.a	
Materials Characterization	Pradhan	2	February 20, 2023	April 14, 2023	Mererial Science	April 29, 2023	c.in/noc23_mm20	All Degree Programs
Surface Engineering For	Prof. Indranil Manna							
Corrosion And Wear	Prof. Jyotsna Dutta	2	22 2022		Metallurgy and		https://onlinecourses.nptel.a	4.11.D
Resistance Application	Majumdar	3	January 23, 2023	April 14, 2023	Mererial Science	April 30, 2023	c.in/noc23_mm21	All Degree Programs
Bulk Material Transport and					Metallurgy and		https://onlinecourses.nptel.a	
Handling Systems	Prof. Khanindra Pathak	3	January 23, 2023	April 14, 2023	Mererial Science	April 30, 2023	c.in/noc23_mm22	All Degree Programs
Network Analysis For Mines							https://onlinecourses.nptel.a	
And Mineral Engineering	Prof. Kaushik Dey	1	February 20, 2023	March 17, 2023	Mining Engineering	April 30, 2023	c.in/noc23_mm23	All Degree Programs
Drilling And Blasting							https://onlinecourses.nptel.a	
Technology	Prof. Kaushik Dey	3	January 23, 2023	April 14, 2023	Mining Engineering	April 30, 2023	c.in/noc23 mm24	All Degree Programs
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							https://onlinecourses.nptel.a	
Mining Machinery	Prof. Khanindra Pathak	3	January 23, 2023	April 14, 2023	Mining Engineering	April 30, 2023	c.in/noc23_mm25	All Degree Programs
NBA Accreditation and								
Teaching and learning in	Prof. N J Rao						https://onlinecourses.nptel.a	
Engineering (NATE)	Prof. K Rajanikanth	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23 ge01	All Degree Programs
	Prof. Sameer				, , , , , , , , , , , , , , , , , , , ,			
	Sahasrabudhe							
Designing Learner-Centric	Prof. Sahana Murthy						https://onlinecourses.nptel.a	
MOOCs	Prof. Jayakrishnan M.	1	January 23, 2023	February 17, 2023	Multidisciplinary	March 26, 2023	c.in/noc23_ge02	All Degree Programs
	Prof. G. K.							
	Suraishkumar							
Effective Engineering	Prof. Edamana Prasad	1	1	E.1	M-1/11 - 1 - 1	M1. 26, 2022	https://onlinecourses.nptel.a	A II D
Teaching In Practice	Prof. Richa Verma	1	January 23, 2023	February 17, 2023	Multidisciplinary	March 26, 2023	c.in/noc23_ge03	All Degree Programs
Non-conventional energy							https://onlinecourses.nptel.a	
Resources	Prof. Prathap Haridoss	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge04	All Degree Programs

	Prof. Edamana Prasad						https://onlinecourses.nptel.a	
Introduction to Research	Prof. Prathap Haridoss	2	February 20, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23_ge05	All Degree Programs
Research Methodology in	Prof. Soumitro						https://onlinecourses.nptel.a	
Natural Sciences	Banerjee	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23 ge06	All Degree Programs
T CONTROL DE CONTROL			Junium J 20, 2020	11911111, 2020	in a series of printer y	1 19111 2 0, 2022	<u></u>	The Bogree Trograms
							https://onlinecourses.nptel.a	
One Health	Multi Faculty	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge07	All Degree Programs
Foundation Certificate In	Prof. Geeta Joshi						https://onlinecourses.nptel.a	
Palliative Care	Prof. Piyush Gupta	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge08	All Degree Programs
Management of Medical							https://onlinecourses.nptel.a	
Emergencies in Dental Practice	Multi Faculty	2	February 20, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23 ge09	All Degree Programs
Tuettee	Prof. Manjari Jain		1 cordary 20, 2023	11011111, 2023	iviations of primary	115111 25, 2025	<u> </u>	Thi Begree Fregrams
	Prof. R Jayapal							
	Prof. Anand Krishnan						https://onlinecourses.nptel.a	
Basic Course in Ornithology	Prof. Suhel Quader	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23_ge10	All Degree Programs
	Prof. Ramya And						https://onlinecourses.nptel.a	
Oral Biology	Team	2	January 23, 2023	March 17, 2023	Multidisciplinary	March 26, 2023	c.in/noc23_ge11	All Degree Programs
Rural Water Resources	Prof. Pennan						https://onlinecourses.nptel.a	
Management	Chinnasamy	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23 ge12	All Degree Programs
Thin again and				11911111, 2020		119111 25, 2025	<u></u>	in Begree Fregrams
Groundwater hydrology and	Prof. Pennan	2	1	A:1 14 2022	Maria di animilia a ser	A:1 20, 2022	https://onlinecourses.nptel.a	
management	Chinnasamy	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge13	All Degree Programs
Outcome Based Pedagogic								
Principles For Effective	Prof. Shyamal Kumar						https://onlinecourses.nptel.a	
Teaching	Das Mandal	1	February 20, 2023	March 17, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge14	All Degree Programs
Fuzzy Logic And Neural	Prof. Dilip Kumar						https://onlinecourses.nptel.a	
Networks	Pratihar	2	February 20, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23 ge15	All Degree Programs
	1			/	1 1			

	Prof. Manoj Kumar						https://onlinecourses.nptel.a	
Entrepreneurship Essentials	Mondal	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23_ge16	All Degree Programs
Introduction To								
Environmental Engineering								
And Science - Fundamental							https://onlinecourses.nptel.a	
And Sustainability Concepts	Prof. Brajesh K Dubey	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge17	All Degree Programs
D' 1 · ·	D (D 1 11)	2		1114 2022			https://onlinecourses.nptel.a	
Biophotonics	Prof. Basudev Lahiri	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge18	All Degree Programs
Basics of Mental Health &	Prof. Arijita Banerjee						https://onlinecourses.nptel.a	
Clinical Psychiatry	Prof. Sumit Kumar	2	February 20, 2023	April 14 2023	Multidisciplinary	April 30, 2023	c.in/noc23 ge19	All Degree Programs
Cimical I Sychiatry	1101. Sumit Kumui		1 cordary 20, 2025	7 tpm 1 1, 2023	wattaiseipimary	7 tpm 50, 2025	<u>c.m/noc25_gc15</u>	7 th Degree 1 logiums
Introduction to Reliability	Prof. Neeraj Kumar						https://onlinecourses.nptel.a	
Engineering	Goyal	2	February 20, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23 ge20	All Degree Programs
			•					<u> </u>
Nanobio Technology								
Enabled Point-of-Care							https://onlinecourses.nptel.a	
Devices	Prof. Gorachand Dutta	2	February 20, 2023	April 14, 2023	Multidisciplinary	April 30, 2023	c.in/noc23_ge21	All Degree Programs
D I C	Des C. Committee	2	1	M1. 17. 2022	Marki II a dalla a a	M 1 26 2022	https://onlinecourses.nptel.a	
Roadmap for patent creation	Prof. Gouri Gargate	2	January 23, 2023	March 17, 2023	Multidisciplinary	March 26, 2023	c.in/noc23_ge22	All Degree Programs
Fundamental of Fluid								
Mechanics for Chemical and	Prof Raghvendra						https://onlinecourses.nptel.a	
Biomedical Engineers	Gupta	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23 ge23	All Degree Programs
Biomedia Engineers	Сири		20110017 20, 2020	1.p. 1., 2025	in an in a second secon	119111 23, 2022	<u></u>	I III D egico i regiums
Teaching And Learning in							https://onlinecourses.nptel.a	
Engineering (TALE)	Prof. N J Rao	1	January 23, 2023	February 17, 2023	Multidisciplinary	March 26, 2023	c.in/noc23_ge24	All Degree Programs
	Prof. Manjesh						https://onlinecourses.nptel.a	
Engineering Statistics	Hanawal	3	January 23, 2023	April 14, 2023	Multidisciplinary	April 29, 2023	c.in/noc23_ge25	All Degree Programs
Offshore Structures Under								
Special Environmental	D. C.C.:						1 // 1	
Loads Including Fire	Prof. Srinivasan	2	January 22, 2022	A mail 14, 2022	Occan Engineenin	A muil 20, 2022	https://onlinecourses.nptel.a	All Dagmag Des see
Resistance	Chandrasekaran	3	January 23, 2023	April 14, 2023	Ocean Engineering	April 29, 2023	c.in/noc23_oe01	All Degree Programs

Mathematical Methods in							https://onlinecourses.nptel.a	
Physics 1	Prof. Auditya Sharma	2	February 20, 2023	April 14, 2023	Physics	April 29, 2023	<u>c.in/noc23_ph01</u>	All Degree Programs
Physics through							https://onlinecourses.nptel.a	
Computational Thinking	Prof. Auditya Sharma	2	February 20, 2023	April 14, 2023	Physics	April 29, 2023	c.in/noc23 ph02	All Degree Programs
Computational Timiking	Tion ruantya Sharma		1 cordary 20, 2023	11, 2023	1 Hy sies	145111 25, 2025	<u> </u>	Thi Degree Trograms
Physics of Biological	Prof. Mithun Mitra	3	January 23, 2023	April 14, 2023	Physics	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23 ph03	All Degree Programs
Systems	Prof. Militan Milita	3	January 23, 2023	April 14, 2023	Physics	April 29, 2023	C.III/10C23 pn03	All Degree Programs
							https://onlinecourses.nptel.a	
Quantum Mechanics I	Prof. Ramadevi	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph04	All Degree Programs
Group Theory methods in							https://onlinecourses.nptel.a	
Physics	Prof. P. Ramadevi	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	<u>c.in/noc23_ph05</u>	All Degree Programs
A brief course on							https://onlinecourses.nptel.a	
Superconductivity	Prof. Saurabh Basu	1	January 23, 2023	February 17, 2023	B Physics	March 26, 2023	c.in/noc23_ph06	All Degree Programs
Advanced Condensed Matter							https://onlinecourses.nptel.a	
Physics Physics	Prof. Saurabh Basu	2	January 23, 2023	March 17, 2023	Physics	March 26, 2023	c.in/noc23 ph07	All Degree Programs
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Today look and Advisor look	Des C.M.V.Com.'1						1.4//1	
Introduction to Atmospheric and Space Sciences	Krishna	3	January 23, 2023	April 14, 2023	Physics	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23_ph08	All Degree Programs
and space sciences	Krisiiia		January 23, 2023	April 14, 2023	Thysics	April 29, 2023	С.прпос23_рпоо	All Degree Hograms
Fluid Dynamics for	Prof. Prasad	2	1 22 2022	A	DI	A	https://onlinecourses.nptel.a	A 11 D
Astrophysics	Subramanian	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph09	All Degree Programs
	Prof. Madhu	•					https://onlinecourses.nptel.a	
Quantum Transport	Thalakulam	3	January 23, 2023	April 14, 2023	Physics	April 29, 2023	c.in/noc23_ph10	All Degree Programs
	Prof. Dipanjan						https://onlinecourses.nptel.a	
Statistical Mechanics	Chakraborty	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph11	All Degree Programs

Introduction to Quantum Field Theory (Theory of							https://onlinecourses.nptel.a	
Scalar Fields) - Part 2	Prof. Anurag Tripathi	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23 ph14	All Degree Programs
Secret Freeds) Furt 2	Tion rinarag Tipatin		5411441 y 25, 2025	11pm 11, 2023	Thysics	1 pm 30, 2023	e.mriice25_piiri	7 III Degree 1 Tograms
	Prof. Debamalya						https://onlinecourses.nptel.a	
Thermal Physics	Banerjee	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph15	All Degree Programs
Atomic And Molecular							https://onlinecourses.nptel.a	
Physics	Prof. Amal Kumar Das	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph16	All Degree Programs
Ei	D. C. A 1 V D	2	1	A	Diamin	A	https://onlinecourses.nptel.a	A 11 D
Experimental Physics - II	Prof. Amal Kumar Das	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph17	All Degree Programs
Electronic Theory Of Solids	Prof. Arghya Taraphder	3	January 23, 2023	April 14, 2023	Physics	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23 ph18	All Degree Programs
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Physics of Linear And Nonlinear Optical							https://onlinecourses.nptel.a	
Waveguides	Prof. Samudra Roy	3	January 23, 2023	April 14, 2023	Physics	April 29, 2023	c.in/noc23_ph19	All Degree Programs
Advanced Atmospheric	Prof. M V Sunil						https://onlinecourses.nptel.a	
Physics	Krishna	3	January 23, 2023	April 14, 2023	Physics	April 30, 2023	c.in/noc23_ph20	All Degree Programs
	Prof. Anil Kumar	2	F.1 20 2022	. 114 2022	Di .	1 20 2022	https://onlinecourses.nptel.a	411 D D
Nuclear Astrophysics	Gourishetty	2	February 20, 2023	April 14, 2023	Physics	April 29, 2023	c.in/noc23_ph21	All Degree Programs
Total desire T. Cold d. 1							1.44 // 12	
Introduction To Statistical Mechanics	Prof. Girish S. Setlur	2	February 20, 2023	April 14, 2023	Physics	April 29, 2023	https://onlinecourses.nptel.ac.in/noc23 ph22	All Degree Programs
Characterization of Polymers, Elastomers and	Prof. Santanu						https://onlinecourses.nptel.a	
Composites	Chattopadhyay	3	January 23, 2023	April 14, 2023	Rubber Technology	April 30, 2023	c.in/noc23_ch41	All Degree Programs
Evaluation of Textiles							https://onlinecourses.nptel.a	
Materials	Prof. Apurba Das	3	January 23, 2023	April 14, 2023	Textile Engineering	April 29, 2023	c.in/noc23_te01	All Degree Programs

						https://onlinecourses.nptel.a	
Prof. Apurba Das	2	February 20, 2023	April 14, 2023	Textile Engineering	April 29, 2023	c.in/noc23_te02	All Degree Prog
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						https://onlinecourses.nptel.a	
Prof. Dipayan Das	3	January 23, 2023	April 14, 2023	Textile Engineering	April 30, 2023	c.in/noc23_te03	All Degree Prog
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Prof. Kushal Sen	2	January 23, 2023	March 17, 2023	Textile Engineering	March 26, 2023	c.in/noc23_te04	All Degree Pro
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Prof. Kushal Sen	3	January 23, 2023	April 14, 2023	Textile Engineering	April 30, 2023	c.in/noc23_te05	All Degree Pro
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Prof. R Chattopadhyay	3	January 23, 2023	April 14, 2023	Textile Engineering	April 29, 2023	c.in/noc23 te06	All Degree Pro
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Prof. R Chattopadhyay	3	January 23, 2023	April 14, 2023	Textile Technology	April 30, 2023	https://onlinecourses.nptel.a c.in/noc23 te07	All Degree Pro
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