

NOTE: Please note that this is a Tentative course list for the upcoming semester. There may be addition and deletion of courses.
Exam Dates: 29 March 2020 (Sunday), 29 & 30 April 2020 (Saturday and Sunday), 2 Sessions on each date (9am-12 noon, 2pm-5pm)
For Exam courses, We have course fee as 100 INR, students for their reference to view syllabus and videos.
For Non-exam courses, We will update the syllabus link shortly.

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Sl. No.	Course ID	4 Weeks (SET 1)		4 Weeks (SET 1)		12 Weeks		4 Weeks (SET 2)		4 Weeks (SET 2)				
		27-Jan-20	21-Feb-20	27-Jan-20	21-Feb-20	27-Jan-20	21-Feb-20	27-Jan-20	21-Feb-20	27-Jan-20	21-Feb-20			
Exam Dates		29 March 2020 - 2 Sessions on each date (9am-12 noon, 2pm-5pm)		29 March 2020 - 2 Sessions on each date (9am-12 noon, 2pm-5pm)		29 March 2020 - 2 Sessions on each date (9am-12 noon, 2pm-5pm)		29 March 2020 - 2 Sessions on each date (9am-12 noon, 2pm-5pm)		29 March 2020 - 2 Sessions on each date (9am-12 noon, 2pm-5pm)				
Open enrollment to the Course		29 March 2020		29 March 2020		29 March 2020		29 March 2020		29 March 2020				
Class enrollment to the Course		29 March 2020		29 March 2020		29 March 2020		29 March 2020		29 March 2020				
Class exam registration form		29 March 2020		29 March 2020		29 March 2020		29 March 2020		29 March 2020				
Open examination form		29 March 2020		29 March 2020		29 March 2020		29 March 2020		29 March 2020				
Course Id	Discipline	Course Name	SBE Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam Date	USPG	Core Elective	PDF	Click here to Join the Course	NPTEL URL
mech-ae01	Aerospace Engineering	Introduction to Aerospace Performance	Prof. A. K. Ramani	ITK	4 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	USPG	Core	Yes	https://nptel.ac.in/course/2019/20190100001	https://nptel.ac.in/course/2019/20190100001
mech-ae02	Aerospace Engineering	Rocket Propulsion	Prof. A. K. Ramani	ITK	12 Weeks	Run	January 27, 2020	April 17, 2020	April 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100002	https://nptel.ac.in/course/2019/20190100002
mech-ae03	Aerospace Engineering	Aircraft Mechanics	Prof. A. K. Ramani	ITK	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Core	Yes	https://nptel.ac.in/course/2019/20190100003	https://nptel.ac.in/course/2019/20190100003
mech-ae04	Aerospace Engineering	Engineering Mechanics - Statics and Dynamics	Prof. Anandh Raju	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	USPG	Core	No	https://nptel.ac.in/course/2019/20190100004	https://nptel.ac.in/course/2019/20190100004
mech-ae05	Aerospace Engineering	Experimental Stress Analysis	Prof. K. Ramani	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100005	https://nptel.ac.in/course/2019/20190100005
mech-ae06	Architectural Engineering	Architectural Engineering	Prof. Anandh Raju	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Core	No	https://nptel.ac.in/course/2019/20190100006	https://nptel.ac.in/course/2019/20190100006
mech-ae07	Architectural Engineering	Introduction to History of Architecture in India	Prof. Pushkar Singh	ISER Pune	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Core	No	https://nptel.ac.in/course/2019/20190100007	https://nptel.ac.in/course/2019/20190100007
mech-ae08	Architectural Engineering	Structural, Form, and Architecture: The Synergy	Prof. Shashidhar Sathyanarayanan	ITM	8 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Core	Yes	https://nptel.ac.in/course/2019/20190100008	https://nptel.ac.in/course/2019/20190100008
mech-ae09	Architectural Engineering	Architectural Engineering	Prof. Anandh Raju	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Core	No	https://nptel.ac.in/course/2019/20190100009	https://nptel.ac.in/course/2019/20190100009
mech-ae10	Architectural Engineering	Fast Forward	Prof. Anandh Raju	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100010	https://nptel.ac.in/course/2019/20190100010
mech-ae11	Biotechnology & Bioengineering	Bioprocessing: An Interface with Biology and Microbiology	Prof. Srinivasan Srinivasan	ITB	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	USPG	Core	No	https://nptel.ac.in/course/2019/20190100011	https://nptel.ac.in/course/2019/20190100011
mech-ae12	Biotechnology & Bioengineering	Human Molecular Genetics	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100012	https://nptel.ac.in/course/2019/20190100012
mech-ae13	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100013	https://nptel.ac.in/course/2019/20190100013
mech-ae14	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100014	https://nptel.ac.in/course/2019/20190100014
mech-ae15	Biotechnology & Bioengineering	Material and Energy Balances	Prof. Vignesh Muthukrishnan	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 29, 2020	USPG	Core	No	https://nptel.ac.in/course/2019/20190100015	https://nptel.ac.in/course/2019/20190100015
mech-ae16	Biotechnology & Bioengineering	Computational Systems Biology	Prof. Karthik Ramani	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100016	https://nptel.ac.in/course/2019/20190100016
mech-ae17	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100017	https://nptel.ac.in/course/2019/20190100017
mech-ae18	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100018	https://nptel.ac.in/course/2019/20190100018
mech-ae19	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100019	https://nptel.ac.in/course/2019/20190100019
mech-ae20	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100020	https://nptel.ac.in/course/2019/20190100020
mech-ae21	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100021	https://nptel.ac.in/course/2019/20190100021
mech-ae22	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100022	https://nptel.ac.in/course/2019/20190100022
mech-ae23	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100023	https://nptel.ac.in/course/2019/20190100023
mech-ae24	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100024	https://nptel.ac.in/course/2019/20190100024
mech-ae25	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100025	https://nptel.ac.in/course/2019/20190100025
mech-ae26	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100026	https://nptel.ac.in/course/2019/20190100026
mech-ae27	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100027	https://nptel.ac.in/course/2019/20190100027
mech-ae28	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100028	https://nptel.ac.in/course/2019/20190100028
mech-ae29	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100029	https://nptel.ac.in/course/2019/20190100029
mech-ae30	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100030	https://nptel.ac.in/course/2019/20190100030
mech-ae31	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100031	https://nptel.ac.in/course/2019/20190100031
mech-ae32	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100032	https://nptel.ac.in/course/2019/20190100032
mech-ae33	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100033	https://nptel.ac.in/course/2019/20190100033
mech-ae34	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100034	https://nptel.ac.in/course/2019/20190100034
mech-ae35	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100035	https://nptel.ac.in/course/2019/20190100035
mech-ae36	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100036	https://nptel.ac.in/course/2019/20190100036
mech-ae37	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100037	https://nptel.ac.in/course/2019/20190100037
mech-ae38	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100038	https://nptel.ac.in/course/2019/20190100038
mech-ae39	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100039	https://nptel.ac.in/course/2019/20190100039
mech-ae40	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100040	https://nptel.ac.in/course/2019/20190100040
mech-ae41	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100041	https://nptel.ac.in/course/2019/20190100041
mech-ae42	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100042	https://nptel.ac.in/course/2019/20190100042
mech-ae43	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100043	https://nptel.ac.in/course/2019/20190100043
mech-ae44	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	USPG	Elective	Yes	https://nptel.ac.in/course/2019/20190100044	https://nptel.ac.in/course/2019/20190100044
mech-ae45	Biotechnology & Bioengineering	Bioprocess Engineering: Basics & Applications	Prof. S. Srinivasan	ITM	4 Weeks</									

ec20-mg23	Management	Business Statistics	Prof. Mohan Kumar Barua	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg23	https://nptel.ac.in/course/2019sp/cs20-mg23
ec20-mg24	Management	Business Analytics and data mining Modeling using R	Prof. Gauran Das	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg24	https://nptel.ac.in/course/2019sp/cs20-mg24
ec20-mg25	Management	Strategic Analytics	Prof. Anil Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg25	https://nptel.ac.in/course/2019sp/cs20-mg25
ec20-mg26	Management	Financial Management For Managers	Prof. Anil Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg26	https://nptel.ac.in/course/2019sp/cs20-mg26
ec20-mg27	Management	Project Management	Prof. Anil Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg27	https://nptel.ac.in/course/2019sp/cs20-mg27
ec20-mg28	Management	Human Resource Management	Prof. Anil Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg28	https://nptel.ac.in/course/2019sp/cs20-mg28
ec20-mg29	Management	Quality Management - I	Prof. Anil Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg29	https://nptel.ac.in/course/2019sp/cs20-mg29
ec20-mg30	Management	Entrepreneurship	Prof. C. Bhaskaradasa Rao	BT M	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg30	https://nptel.ac.in/course/2019sp/cs20-mg30
ec20-mg31	Management	Introduction to Operations Research	Prof. C. Srinivasan	BT M	8 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg31	https://nptel.ac.in/course/2019sp/cs20-mg31
ec20-mg32	Management	Evolution of Business Systems: An Applied Approach	Prof. C. Srinivasan	BT M	8 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg32	https://nptel.ac.in/course/2019sp/cs20-mg32
ec20-mg33	Mathematics	Basic Real Analysis	Prof. Deepu Philip	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg33	https://nptel.ac.in/course/2019sp/cs20-mg33
ec20-mg34	Mathematics	Basic Linear Algebra	Prof. J. K. Rana	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg34	https://nptel.ac.in/course/2019sp/cs20-mg34
ec20-mg35	Mathematics	Linear Algebra	Prof. J. K. Rana	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg35	https://nptel.ac.in/course/2019sp/cs20-mg35
ec20-mg36	Mathematics	Introduction To Rings And Fields	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg36	https://nptel.ac.in/course/2019sp/cs20-mg36
ec20-mg37	Mathematics	Introduction To Rings And Fields	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg37	https://nptel.ac.in/course/2019sp/cs20-mg37
ec20-mg38	Mathematics	Ordinary and Partial Differential Equations and Applications	Prof. P. N. Agrawal	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg38	https://nptel.ac.in/course/2019sp/cs20-mg38
ec20-mg39	Mathematics	Advanced Engineering Mathematics	Prof. P. N. Agrawal	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg39	https://nptel.ac.in/course/2019sp/cs20-mg39
ec20-mg40	Mathematics	Mathematical Methods in A and Applications	Prof. P. N. Agrawal	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg40	https://nptel.ac.in/course/2019sp/cs20-mg40
ec20-mg41	Mathematics	Engineering Mathematics II	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg41	https://nptel.ac.in/course/2019sp/cs20-mg41
ec20-mg42	Mathematics	Numerical Methods - Finite difference approach	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg42	https://nptel.ac.in/course/2019sp/cs20-mg42
ec20-mg43	Mathematics	An introduction to smooth manifolds	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg43	https://nptel.ac.in/course/2019sp/cs20-mg43
ec20-mg44	Mathematics	Measure Theory	Prof. E. K. Narayanan	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg44	https://nptel.ac.in/course/2019sp/cs20-mg44
ec20-mg45	Mathematics	Introduction to Algebraic Geometry and Commutative Algebra	Prof. Dilip P. Paul	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg45	https://nptel.ac.in/course/2019sp/cs20-mg45
ec20-mg46	Mathematics	Functional Methods in PDE	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg46	https://nptel.ac.in/course/2019sp/cs20-mg46
ec20-mg47	Mathematics	Stochastic Processes	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg47	https://nptel.ac.in/course/2019sp/cs20-mg47
ec20-mg48	Mathematics	Transform Calculus and its applications in Differential Equations	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg48	https://nptel.ac.in/course/2019sp/cs20-mg48
ec20-mg49	Mathematics	Integral and Vector Calculus	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg49	https://nptel.ac.in/course/2019sp/cs20-mg49
ec20-mg50	Mathematics	Multivariate calculus	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg50	https://nptel.ac.in/course/2019sp/cs20-mg50
ec20-mg51	Mathematics	Advanced Probability Theory	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg51	https://nptel.ac.in/course/2019sp/cs20-mg51
ec20-mg52	Mathematics	Statistical inference	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg52	https://nptel.ac.in/course/2019sp/cs20-mg52
ec20-mg53	Mathematics	Chaotic Dynamical Systems	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg53	https://nptel.ac.in/course/2019sp/cs20-mg53
ec20-mg54	Mathematics	Introduction to probability and Statistics	Prof. C. Srinivasan	BT R	12 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg54	https://nptel.ac.in/course/2019sp/cs20-mg54
ec20-mg55	Mathematics	Discrete Statistics with R Software	Prof. C. Srinivasan	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg55	https://nptel.ac.in/course/2019sp/cs20-mg55
ec20-mg56	Mechanical Engineering	Power Plant Engineering	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg56	https://nptel.ac.in/course/2019sp/cs20-mg56
ec20-mg57	Mechanical Engineering	Steam and Gas Power Systems	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg57	https://nptel.ac.in/course/2019sp/cs20-mg57
ec20-mg58	Mechanical Engineering	Fundamentals of Nuclear Power Generation	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg58	https://nptel.ac.in/course/2019sp/cs20-mg58
ec20-mg59	Mechanical Engineering	IC Engines and Gas Turbines	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg59	https://nptel.ac.in/course/2019sp/cs20-mg59
ec20-mg60	Mechanical Engineering	Loss of Thermodynamics	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg60	https://nptel.ac.in/course/2019sp/cs20-mg60
ec20-mg61	Mechanical Engineering	Conduction and Convection Heat Transfer	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg61	https://nptel.ac.in/course/2019sp/cs20-mg61
ec20-mg62	Mechanical Engineering	Convective Heat Transfer	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg62	https://nptel.ac.in/course/2019sp/cs20-mg62
ec20-mg63	Mechanical Engineering	Two phase flow and heat transfer	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg63	https://nptel.ac.in/course/2019sp/cs20-mg63
ec20-mg64	Mechanical Engineering	Fundamentals of combustion for propulsion	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg64	https://nptel.ac.in/course/2019sp/cs20-mg64
ec20-mg65	Mechanical Engineering	Introduction To Fluid Mechanics	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	No	https://nptel.ac.in/course/2019sp/cs20-mg65	https://nptel.ac.in/course/2019sp/cs20-mg65
ec20-mg66	Mechanical Engineering	Manufacturing Process Technology I & II	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg66	https://nptel.ac.in/course/2019sp/cs20-mg66
ec20-mg67	Mechanical Engineering	Computer Integrated Manufacturing	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg67	https://nptel.ac.in/course/2019sp/cs20-mg67
ec20-mg68	Mechanical Engineering	Machine Science	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg68	https://nptel.ac.in/course/2019sp/cs20-mg68
ec20-mg69	Mechanical Engineering	Introduction To Mechanical Mechatronics	Prof. Anand Kumar	BT R	12 Weeks	Recur	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg69	https://nptel.ac.in/course/2019sp/cs20-mg69
ec20-mg70	Mechanical Engineering	Machine Coding And Machine Tools	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg70	https://nptel.ac.in/course/2019sp/cs20-mg70
ec20-mg71	Mechanical Engineering	Introduction to CAD/CAM	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg71	https://nptel.ac.in/course/2019sp/cs20-mg71
ec20-mg72	Mechanical Engineering	Introduction to Advanced Machining and Finishing Processes	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg72	https://nptel.ac.in/course/2019sp/cs20-mg72
ec20-mg73	Mechanical Engineering	Non Traditional Advanced Machining Processes (Abrasive Jet and Abrasive Water Jet Machining)	Prof. Anand Kumar	BT R	4 Weeks	Recur	January 27, 2020	February 24, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/course/2019sp/cs20-mg73	https://nptel.ac.in/course/2019sp/cs20-mg73
ec20-mg74	Mechanical Engineering	Thin Film and Thin Layer Deposition	Prof. Anand Kumar	BT R	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Cove	Yes	https://nptel.ac.in/course/2019sp/cs20-mg74	https://nptel.ac.in/course/2019

Course id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	UG/PG	Core/Elective	FDP	Click here to Join the Course	NPTEL URL
nc02-ae02	Aerospace Engineering	Rocket Propulsion	Prof. K. Ramanurthi Prof. S. Varun Kumar	ITM	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ae02preview	
nc02-ae03	Aerospace Engineering	Aircraft Maintenance	Prof. A. K. Ghosh Prof. Vipul Mathur	ITK	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc02_ae03preview	https://nptel.ac.in/courses/104/104/10104075/
nc02-me02	Applied Mechanics	Experimental Stress Analysis	Prof. K. Ramesh	ITM	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 26, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_me02preview	https://nptel.ac.in/courses/112/106/112106247/
nc02-ar03	Architecture and Planning	Structure, Form and Architecture and Planning	Prof. Shubhaji Senapati	ITR	8 Weeks	New	January 27, 2024	March 20, 2024	March 29, 2024	PG	Core	Yes	https://swayam.gov.in/hd1_nc02_ar03preview	
nc02-bi01	Biotechnology & Bioengineering	Forests and their management	Prof. Ankur Awadhiya	ITK	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi01preview	
nc02-bi04	Biotechnology & Bioengineering	Forest Biomechanics	Prof. Ankur Awadhiya	ITK	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi04preview	https://nptel.ac.in/courses/104/104/102104060
nc02-bi06	Biotechnology & Bioengineering	Human Molecular Genetics	Prof. S. Ganesh	ITK	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi06preview	https://nptel.ac.in/courses/102/104/102104052
nc02-bi02	Biotechnology & Bioengineering	Interactions - Basics & Applications	Prof. Sanjeeva Srivastava	ITB	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi02preview	
nc02-bi03	Biotechnology & Bioengineering	Bioinformatics: Life Processes	Prof. Manak Das	ITK	4 Weeks	Renur	February 24, 2024	March 20, 2024	April 26, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi03preview	https://nptel.ac.in/courses/102/104/102104063
nc02-bi08	Biotechnology & Bioengineering	Computational Systems Biology	Prof. Karthik Ramani	ITM	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi08preview	https://nptel.ac.in/courses/102/106/102106068
nc02-bi10	Biotechnology & Bioengineering	Bio-Informatics: Algorithms and Applications	Prof. Michael Gromiha	ITM	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 26, 2024	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc02_bi10preview	https://nptel.ac.in/courses/102/106/102106065
nc02-bi11	Biotechnology & Bioengineering	Biostatistics and Design of Experiments	Prof. Mukesh Doble	ITM	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	UG/PG	Core/Elective	Yes	https://swayam.gov.in/hd1_nc02_bi11preview	https://nptel.ac.in/courses/102/106/102106051
nc02-bi12	Biotechnology & Bioengineering	Medical Biomaterials	Prof. Mukesh Doble	ITM	8 Weeks	Renur	February 24, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi12preview	https://nptel.ac.in/courses/102/106/102106057
nc02-bi13	Biotechnology & Bioengineering	Introduction to Professional Methods for Biologists	Prof. Ranjit Padinhalai	ITB	8 Weeks	Renur	February 24, 2024	April 17, 2024	April 26, 2024	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc02_bi13preview	https://nptel.ac.in/courses/103/101/103101067
nc02-bi15	Biotechnology & Bioengineering	Deciphering the Brain	Prof. Srinivas Chakravarthy	ITM	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi15preview	https://nptel.ac.in/courses/102/106/102106066/
nc02-bi16	Biotechnology & Bioengineering	Optical Spectroscopy and Microscopy - Fundamentals of optical measurements and instrumentation	Prof. Balaji Jayaprakash	IISc	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi16preview	
nc02-bi18	Biotechnology & Bioengineering	Principles and Applications of NMR Spectroscopy	Prof. H. S. Anand	IISc	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi18preview	https://nptel.ac.in/courses/104/108/104108078
nc02-me04	Biotechnology & Bioengineering	Cell Culture Technologies	Prof. Manak Das	ITK	8 Weeks	Renur	February 24, 2024	April 17, 2024	April 25, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_me04preview	https://nptel.ac.in/courses/104/104/102104059
nc02-bi05	Biotechnology & Bioengineering	Introduction to Professional Scientific Communication	Prof. S. Ganesh	ITK	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_bi05preview	
nc02-ch05	Chemical Engineering	Computational Fluid Dynamics	Prof. Sreenivas Jandala	ITM	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 26, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch05preview	https://nptel.ac.in/courses/103/106/103106119
nc02-ch10	Chemical Engineering	Transport processes - Heat and Mass Transfer	Prof. Kuranan V	IISc	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 26, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch10preview	https://nptel.ac.in/courses/103/108/103108123
nc02-ch17	Chemical Engineering	Equipment Design - Mechanical Aspects	Prof. Shabana Khatoon	ITR	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch17preview	https://nptel.ac.in/courses/103/107/103107143
nc02-ch16	Chemical Engineering	Waste to Energy Conversion	Prof. P. Mondal	ITR	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch16preview	https://nptel.ac.in/courses/103/107/103107125
nc02-ch01	Chemical Engineering	Environmental Quality Monitoring & Analysis	Prof. Ravi Krishna R	ITM	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch01preview	
nc02-ch02	Chemical Engineering	Electrochemical Technology in Pollution Control	Prof. J. R. Mukund	IISc	8 Weeks	New	January 27, 2024	March 20, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch02preview	
nc02-ch03	Chemical Engineering	Advanced Thermodynamics	Prof. Nanda Kishore	ITG	12 Weeks	New	January 27, 2024	April 17, 2024	April 26, 2024	PG	Core	Yes	https://swayam.gov.in/hd1_nc02_ch03preview	
nc02-ch04	Chemical Engineering	Membrane Technology	Prof. Ravulakshmi Mohanty	ITG	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch04preview	
nc02-ch07	Chemical Engineering	Optimization in Chemical Engineering	Prof. Debass Sarma	IT KGP	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch07preview	https://nptel.ac.in/courses/103/105/103105139
nc02-ch08	Chemical Engineering	Introduction To Process Modeling In The Membrane Separation Process	Prof. Srinidhi De	IT KGP	4 Weeks	Renur	February 24, 2024	March 20, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch08preview	https://nptel.ac.in/courses/103/105/103105121
nc02-ch09	Chemical Engineering	Soft Nano Technology	Prof. Rabbirata Mukherjee	IT KGP	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch09preview	https://nptel.ac.in/courses/103/105/103105122
nc02-ch14	Chemical Engineering	Multiphase Flows	Prof. Rajesh Kumar Upadhyay	ITG	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch14preview	https://nptel.ac.in/courses/103/103/103103136
nc02-ch18	Chemical Engineering	An Introduction to Cardiovascular Fluid Mechanics	Prof. Ravindra Gupta	ITG	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch18preview	https://nptel.ac.in/courses/103/103/103103133
nc02-ch19	Chemical Engineering	Computer Aided Applied Single Objective Optimization	Prof. Prakash Kotecha	ITG	8 Weeks	New	January 27, 2024	March 20, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ch19preview	
nc02-cy16	Chemistry	Medicinal Chemistry	Prof. Harinath Chakravarthy	IISER Pune	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc02_cy16preview	https://nptel.ac.in/courses/104/106/104106106
nc02-cy10	Chemistry	Biochemistry	Prof. Swagata Dasgupta	IT KGP	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 26, 2024	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc02_cy10preview	https://nptel.ac.in/courses/104/105/104105076
nc02-cy09	Chemistry	Advanced Chemical Thermodynamics and Kinetics	Prof. Anil Kumar De	IISER Mohali	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_cy09preview	https://nptel.ac.in/courses/104/106/104106094
nc02-cy02	Chemistry	Quantitative Methods in Chemistry	Prof. Aasheesh Srivastava Prof. Bhaskar Singh Prof. Sathyanarayana	IISER Bhopal	12 Weeks	New	January 27, 2024	April 17, 2024	April 26, 2024	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_cy02preview	
nc02-cy04	Chemistry	Ultrafast laser spectroscopy	Prof. Anindya Datta	ITB	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_cy04preview	
nc02-cy06	Chemistry	Transition Metal Organometallics in Catalysis and Biology	Prof. P. Ghosh	ITB	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_cy06preview	
nc02-cy07	Chemistry	Essentials of Biomolecules : Nucleic Acids and Peptides	Prof. Lal Mohan Kundu	ITG	12 Weeks	New	January 27, 2024	April 17, 2024	April 26, 2024	PG	Core	Yes	https://swayam.gov.in/hd1_nc02_cy07preview	
nc02-cy13	Chemistry	Chemical Applications of Symmetry and Group Theory	Prof. Manabendra Chandra	ITK	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_cy13preview	https://nptel.ac.in/courses/104/104/104104080
nc02-cy15	Chemistry	Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman	ITM	8 Weeks	Renur	February 24, 2024	April 17, 2024	April 25, 2024	PG	Core	Yes	https://swayam.gov.in/hd1_nc02_cy15preview	https://nptel.ac.in/courses/104/106/104106077
nc02-ce05	Civil Engineering	Modern Construction Materials	Prof. Ravindra Gettu	ITM	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc02_ce05preview	https://nptel.ac.in/courses/105/106/105106053
nc02-ce01	Civil Engineering	Characterization of Construction Materials	Prof. Ravindra Gettu Prof. Ravindra Chandra	ITM	12 Weeks	New	January 27, 2024	April 17, 2024	April 26, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce01preview	
nc02-ce15	Civil Engineering	Advanced Topics in the Science and Technology of Concrete	Prof. Manu Santharam	ITM	4 Weeks	Renur	January 27, 2024	February 21, 2024	March 29, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce15preview	https://nptel.ac.in/courses/105/106/105106187
nc02-ce03	Civil Engineering	Environmental Geomechanics	Prof. D. N. Singh	ITB	12 Weeks	New	January 27, 2024	April 17, 2024	April 26, 2024	PG	Core	Yes	https://swayam.gov.in/hd1_nc02_ce03preview	
nc02-ce16	Civil Engineering	Mechanical Characterization of Bituminous Materials	Prof. M. R. Nivitha (MRN) Prof. Neethu Roy(MR) Prof. A. R. Padmaraj (APR) Prof. J. Murali Krishnan(JMK)	PSG Tech., Coimbatore MSCEET, Tiruvannamalai SRM IST, Kattur IIT Madras	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce16preview	
nc02-ce11	Civil Engineering	Landscape Architecture and Site Planning - Basic Fundamentals	Prof. Uttam Kumar Banerjee	IT KGP	8 Weeks	Renur	February 24, 2024	April 17, 2024	April 25, 2024	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce11preview	https://nptel.ac.in/courses/124/105/124105001
nc02-ce26	Civil Engineering	Maintenance and Repair of Concrete Structures	Prof. Radhakrishna G. Pillai	ITM	12 Weeks	New	January 27, 2024	April 17, 2024	April 25, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce26preview	
nc02-ce22	Civil Engineering	Soil Structure Interaction	Prof. Koushik Deb	IT KGP	12 Weeks	New	January 27, 2024	April 17, 2024	April 26, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce22preview	
nc02-ce06	Civil Engineering	Geosynthetics and Reinforced Soil Structures	Prof. K. Rajagopal	ITM	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce06preview	https://nptel.ac.in/courses/105/106/105106052
nc02-ce08	Civil Engineering	Energy Efficiency, Acoustics and Daylighting in Building	Prof. B. Bhattacharjee	ITD	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 26, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce08preview	https://nptel.ac.in/courses/105/102/105102175
nc02-ce07	Civil Engineering	Natural Hazards	Prof. J. N. Malik	ITK	8 Weeks	Renur	January 27, 2024	March 20, 2024	March 29, 2024	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce07preview	https://nptel.ac.in/courses/105/104/105104183
nc02-ce09	Civil Engineering	Fire Protection, Services and Maintenance Management of Building	Prof. B. Bhattacharjee	ITD	12 Weeks	Renur	January 27, 2024	April 17, 2024	April 25, 2024	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ce09preview	https://nptel.ac.in/courses/105/102/105102176
nc02-ce12	Civil Engineering	Electronic Waste Management - Issues And Challenges	Prof. Brajesh Kumar Dubey											

nc020-cs07	Computer Science and Engineering	Programming in C++	Prof. Partha Pratim Das	IIT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_ncp20_cs07/preview	https://nptel.ac.in/courses/106/105/106105151
nc020-cs08	Computer Science and Engineering	Programming in Java	Prof. Debasis Samanta	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs08/preview	https://nptel.ac.in/courses/106/105/106105191
nc020-cs35	Computer Science and Engineering	The Joy of Computing using Python	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs35/preview	https://nptel.ac.in/courses/106/106/106106182
nc020-cs26	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs26/preview	https://nptel.ac.in/courses/106/106/106106145
nc020-cs27	Computer Science and Engineering	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs27/preview	https://nptel.ac.in/courses/106/106/106106131
nc020-cs10	Computer Science and Engineering	Introduction to algorithms and analysis	Prof. Sourov Mukhopadhyay	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs10/preview	https://nptel.ac.in/courses/106/105/106105164
nc020-cs39	Computer Science and Engineering	Randomized Algorithms	Prof. Benny George K	ITG	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs39/preview	https://nptel.ac.in/courses/106/103/106103187
nc020-cs34	Computer Science and Engineering	Foundations to Computer Systems Design	Prof. Kamakoti Veerachitra	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_ncp20_cs34/preview	https://nptel.ac.in/courses/106/106/106106197
nc020-cs16	Computer Science and Engineering	Real Time Operating System	Prof. Rajib Mall	IIT KGP	4 Weeks	Run	February 24, 2020	March 20, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs16/preview	https://nptel.ac.in/courses/106/105/106105172
nc020-cs05	Computer Science and Engineering	Computational Geometry	Prof. Sandeep Sen	ITD	12 Weeks	Repurposed	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs05/preview	https://nptel.ac.in/courses/106/102/106102011
nc020-cs28	Computer Science and Engineering	Data Science for Engineers	Prof. Ragnathan Rengasamy Prof. Shankar Narayanan	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs28/preview	https://nptel.ac.in/courses/106/106/106106179
nc020-cs38	Computer Science and Engineering	Python for Data Science	Prof. Ragnathan Rengasamy	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs38/preview	https://nptel.ac.in/courses/106/106/106106212
nc020-cs46	Computer Science and Engineering	Data Analytics with Python	Prof. A. Ramesh	ITR	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs46/preview	
nc020-cs29	Computer Science and Engineering	Introduction to Machine Learning	Prof. Balaraman Ravindran	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs29/preview	https://nptel.ac.in/courses/106/106/106106139
nc020-cs49	Computer Science and Engineering	Machine Learning, ML	Prof. Carl Gustaf KTH, The Royal	IITM & Google	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs49/preview	https://nptel.ac.in/courses/106/106/106106202/
nc020-cs44	Computer Science and Engineering	Practical Machine Learning with Tensorflow	Prof. Ashish Tendulkar Prof. Balaraman Ravindran	ITM & Google	8 weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs44/preview	https://nptel.ac.in/courses/106/106/106106213/
nc020-cs42	Computer Science and Engineering	An Introduction to Artificial Intelligence	Prof. Mausam	ITD	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs42/preview	
nc020-cs30	Computer Science and Engineering	Artificial Intelligence : Knowledge Representation And Reasoning	Prof. Deepak Khemani	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs30/preview	https://nptel.ac.in/courses/106/106/106106140
nc020-cs11	Computer Science and Engineering	Deep Learning (IITKGP)	Prof. Prabir Kumar Biswas	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs11/preview	https://nptel.ac.in/courses/106/105/106105215
nc020-cs12	Computer Science and Engineering	Data Mining	Prof. Fabrizio Mira	IIT KGP	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs12/preview	https://nptel.ac.in/courses/106/105/106105174
nc020-cs18	Computer Science and Engineering	VLSI Physical Design	Prof. Indranil Sengupta	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs18/preview	https://nptel.ac.in/courses/106/105/106105161
nc020-cs15	Computer Science and Engineering	Embedded System Design with ARM	Prof. Indranil Sengupta Prof. Kamalika Dutta	IIT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs15/preview	https://nptel.ac.in/courses/106/105/106105193
nc020-cs17	Computer Science and Engineering	Introduction To Soft Computing	Prof. Debasis Samanta	IIT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs17/preview	https://nptel.ac.in/courses/106/105/106105173
nc020-cs19	Computer Science and Engineering	Software Testing	Prof. Rajib Mall	IIT KGP	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs19/preview	https://nptel.ac.in/courses/106/105/106105150
nc020-cs20	Computer Science and Engineering	Cloud computing	Prof. Soumya Karati Ghosh	IIT KGP	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs20/preview	https://nptel.ac.in/courses/106/105/106105167
nc020-cs48	Computer Science and Engineering	Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IITP	8 weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Core/Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs48/preview	https://nptel.ac.in/courses/106/104/106104182/
nc020-cs55	Computer Science and Engineering	Google Cloud Computing Foundation Course	Prof. Soumya Karati Ghosh	IIT KGP	8 weeks	New	February 24, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs55/preview	
nc020-cs22	Computer Science and Engineering	Introduction to internet of things	Prof. Sudip Misra	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs22/preview	https://nptel.ac.in/courses/106/105/106105166
nc020-cs24	Computer Science and Engineering	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Sudip Misra	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_ncp20_cs24/preview	https://nptel.ac.in/courses/106/105/106105195
nc020-cs23	Computer Science and Engineering	Computer Networks and Internet Protocol	Prof. Soumya Karati Ghosh Prof. Sandip Chakraborty	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_ncp20_cs23/preview	https://nptel.ac.in/courses/106/105/106105183
nc020-cs31	Computer Science and Engineering	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru Prof. Poornam Sani	IITD	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs31/preview	https://nptel.ac.in/courses/106/106/106106146
nc020-cs32	Computer Science and Engineering	Social Networks	Prof. Sudarshan Iyengar	Punjab Engineering	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs32/preview	https://nptel.ac.in/courses/106/106/106106169
nc020-cs50	Computer Science and Engineering	Deep Learning - Part 1(IIT Ropar)	Prof. Sudarshan Prof. Padmalavi	IIT Ropar	12 weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs50/preview	https://nptel.ac.in/courses/106/106/106106184/
nc020-cs51	Computer Science and Engineering	Reinforcement Learning	Prof. Balaraman	ITM	12 weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs51/preview	https://nptel.ac.in/courses/106/106/106106143/
nc020-cs52	Computer Science and Engineering	Modern Application Development	Prof. Aamod Sane Prof. Abhijit Vichare Prof. Madhavan Mukund	Persistent Comp CMI	12 weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs52/preview	
nc020-cs33	Computer Science and Engineering	Information Security - 5 - Secure Systems Engineering	Prof. Chester Rebero	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs33/preview	https://nptel.ac.in/courses/106/106/106106199
nc020-cs38	Computer Science and Engineering	Model Checking	Prof. Srivathsa B	CMI	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs38/preview	https://nptel.ac.in/courses/106/106/106106136
nc020-cs41	Computer Science and Engineering	GPU Architectures and Programming	Prof. Soumyajit Dey	IIT KGP	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs41/preview	
nc020-cs43	Computer Science and Engineering	Multi-Core Computer Architecture - Storage and Interconnects	Prof. John Jose	ITG	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs43/preview	https://nptel.ac.in/courses/106/103/106103183
nc020-cs45	Computer Science and Engineering	User-centric Computing for Human-Computer Interaction	Prof. Samit Bhattacharya	ITG	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs45/preview	
nc020-cs47	Computer Science and Engineering	Arithmetic Circuit Complexity	Prof. Nitin Saxena	ITK	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs47/preview	
nc020-cs01	Computer Science and Engineering	Introduction to Blockchain Technology and Applications	Prof. Sandeep Shukla	ITK	8 Weeks	New	February 24, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs01/preview	
nc020-cs02	Computer Science and Engineering	Foundations of Cryptography	Prof. Ashish Choudhury	IIT Bangalore	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs02/preview	
nc020-cs21	Computer Science and Engineering	Cryptography and Network Security	Prof. Sourov Mukhopadhyay	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs21/preview	https://nptel.ac.in/courses/106/105/106105162
nc020-cs54	Computer Science and Engineering	Design and pedagogy of the introductory programming course	Prof. Abraham G. Ranaide	ITB	4 Weeks	Run	February 24, 2020	March 20, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_cs54/preview	
nc020-de01	Design Engineering	Understanding Design	Prof. Nina Sabnani	ITB	4 Weeks	Run	February 24, 2020	March 20, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_de01/preview	https://nptel.ac.in/courses/107/101/107101087
nc020-de02	Design Engineering	Innovation by Design	Prof. D. K. K. Chakravarthy	ITB	4 Weeks	Run	February 24, 2020	March 20, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_de02/preview	https://nptel.ac.in/courses/107/101/107101086
nc020-de03	Design Engineering	Design, Technology and Innovation	Prof. B. K. Chakravarthy	ITB	8 Weeks	New	February 24, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_de03/preview	
nc020-de04	Design Engineering	Geographic Information System	Prof. Bharath H Alhal	IIT KGP	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_de04/preview	
nc020-de05	Design Engineering	Product Design and Innovation	Prof. Supradip Das Prof. Swati Pal Prof. Debayan Dhar	ITG	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_ncp20_de05/preview	https://nptel.ac.in/courses/107/103/107103082
nc020-de06	Design Engineering	Fundamentals of Automotive Systems	Prof. C. S. Shankar Ram	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_ncp20_de06/preview	
nc020-ee17	Electrical and Electronics Engineering	Principles of Digital Communication	Prof. Abhishek Dixit	ITD	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_ncp20_ee17/preview	https://nptel.ac.in/courses/108/102/108102120
nc020-ee51	Electrical and Electronics Engineering	Mathematical Methods and Techniques in Signal Processing	Prof. Shayan Sinhasia Gauri	IISc										

nc020-ee33	Electrical and Electronics Engineering	Fundamentals of MIMO Wireless Communication	Prof. Supra Sekhar Das	IIT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee33preview	https://nptel.ac.in/courses/117/105/117105132
nc020-ee34	Electrical and Electronics Engineering	Spread Spectrum Communications and Jamming	Prof. Debarati Sen	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee34preview	https://nptel.ac.in/courses/117/105/117105136
nc020-ee36	Electrical and Electronics Engineering	Evolution of Air Interface towards 5G	Prof. Supra Sekhar Das	IIT KGP	8 Weeks	Run	February 24, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee36preview	https://nptel.ac.in/courses/108/105/108105134
nc020-ee13	Electrical and Electronics Engineering	Integrated Circuits, MOSFETs, OP-Amps and Their Applications	Prof. Hardik Jeetendra Pandya	IISc	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee13preview	https://nptel.ac.in/courses/108/108/108108111
nc020-ee30	Electrical and Electronics Engineering	Analog Circuits and Systems through SPICE Simulation	Prof. Mirgank Sharad	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee30preview	https://nptel.ac.in/courses/117/105/117105147
nc020-ee01	Electrical and Electronics Engineering	Electronics equipment integration and Prototype building	Prof. N.V. Chalappathi Rao	IISc	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee01preview	
nc020-ee02	Electrical and Electronics Engineering	High Power Multilevel Converters: Analysis, design and operational issues	Prof. Anandrup Das	IITD	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee02preview	
nc020-ee28	Electrical and Electronics Engineering	Advance power electronics and Control	Prof. Avik Bhattacharya	IITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee28preview	https://nptel.ac.in/courses/108/107/108107128
nc020-ee04	Electrical and Electronics Engineering	Transmission lines and electromagnetic waves	Prof. Ananth Krishnan	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ee04preview	
nc020-ee43	Electrical and Electronics Engineering	Recent Advances in Transmission Insulator	Prof. Subba Reddy	IISc	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee43preview	https://nptel.ac.in/courses/108/108/108108116
nc020-ee20	Electrical and Electronics Engineering	Antennas	Prof. Girish Kumar	ITB	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee20preview	https://nptel.ac.in/courses/108/101/108101092
nc020-ee25	Electrical and Electronics Engineering	Microwave Integrated Circuits	Prof. Jayanta Mukherjee	ITB	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee25preview	https://nptel.ac.in/courses/117/101/117101119
nc020-ee26	Electrical and Electronics Engineering	Analog IC Design	Prof. Anrudhyan S	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee26preview	https://nptel.ac.in/courses/108/106/108106105
nc020-ee05	Electrical and Electronics Engineering	Digital IC Design	Prof. Janakiraman	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee05preview	
nc020-ee37	Electrical and Electronics Engineering	Architectural Design of Digital Integrated Circuits	Prof. Indranil Hatai	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee37preview	https://nptel.ac.in/courses/108/105/108105118
nc020-ee29	Electrical and Electronics Engineering	CMOS Digital VLSI Design	Prof. Sudeb Dasgupta	IITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee29preview	https://nptel.ac.in/courses/108/107/108107129
nc020-ee44	Electrical and Electronics Engineering	VLSI Signal Processing	Prof. Mityunjoy Chakraborty	IIT KGP	8 Weeks	New	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee44preview	
nc020-ee08	Electrical and Electronics Engineering	Power Management Integrated Circuits	Prof. Qadeer Ahmad Khan	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee08preview	
nc020-ee09	Electrical and Electronics Engineering	DC Power Transmission Systems	Prof. Krishna S	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee09preview	
nc020-ee10	Electrical and Electronics Engineering	Power Quality Improvement Technique	Prof. Avik Bhattacharya	IITR	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee10preview	
nc020-ee12	Electrical and Electronics Engineering	Design and Simulation of Power conversion using open source tools	Prof. L. Umaand	IISc	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee12preview	https://nptel.ac.in/courses/117/108/117108124
nc020-ee22	Electrical and Electronics Engineering	Control engineering	Prof. Rankishna Pasumarthy	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee22preview	https://nptel.ac.in/courses/108/106/108106098
nc020-ee47	Electrical and Electronics Engineering	Linear Dynamical Systems	Prof. Tushar Jain	IIT Mandi	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ee47preview	
nc020-ee54	Electrical and Electronics Engineering	Nonlinear System Analysis	Prof. Ramkishan Prof. Anurkumar	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee54preview	
nc020-ee19	Electrical and Electronics Engineering	Nonlinear Adaptive Control	Prof. Shaohendu Bisaini	IITD	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee19preview	https://nptel.ac.in/courses/108/102/108102113
nc020-ee52	Electrical and Electronics Engineering	A brief introduction of Micro - Sensors	Prof. Santanu Talukder	IISER Bhopal	4 Weeks	New	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee52preview	
nc020-ee23	Electrical and Electronics Engineering	Introduction to Photonics	Prof. Balaji Srinivasan	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee23preview	https://nptel.ac.in/courses/108/106/108106135
nc020-ee48	Electrical and Electronics Engineering	Optical Engineering	Prof. Shanti Bhattacharya	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee48preview	
nc020-ee40	Electrical and Electronics Engineering	Medical Image Analysis	Prof. Debdeep Sheel	IIT KGP	4 Weeks	Run	February 24, 2020	March 20, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee40preview	https://nptel.ac.in/courses/108/105/108105091
nc020-ee41	Electrical and Electronics Engineering	Biomedical Signal Processing	Prof. Sudipta Mukhopadhyay	IIT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee41preview	https://nptel.ac.in/courses/108/105/108105101
nc020-ee14	Electrical and Electronics Engineering	Electronic Systems for Cancer Diagnosis	Prof. Hardik Jeetendra Pandya	IISc	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee14preview	https://nptel.ac.in/courses/108/108/108108124
nc020-ee18	Electrical and Electronics Engineering	Electric Vehicles - Part 1	Prof. Amit Jain	IITD	4 Weeks	Run	February 24, 2020	March 20, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee18preview	https://nptel.ac.in/courses/108/102/108102121
nc020-ee03	Electrical and Electronics Engineering	Fuzzy Sets, Logic and Systems & Applications	Prof. Mitalchal Kumar Verma	ITK	12 weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ee03preview	
nc020-hd01	Humanities and Social Sciences	Microeconomics - Theory & Applications	Prof. Deep Mukherjee	ITK	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_hd01preview	https://nptel.ac.in/courses/110/104/110104093
nc020-hd02	Humanities and Social Sciences	Introduction to Environmental Economics	Prof. Dipinayee Nayek Prof. S. P. Singh	IITR	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd02preview	
nc020-hd03	Humanities and Social Sciences	Energy Resources, Economics and Environment	Prof. Rangan Banerjee	ITB	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd03preview	
nc020-hd07	Humanities and Social Sciences	Strategic Trade and protectionism - Theories and Empirics	Prof. Pratap C. Mohanty	ITG	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_hd07preview	
nc020-hd27	Humanities and Social Sciences	Economic Growth & Development	Prof. Rajatree Bedamatta	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd27preview	https://nptel.ac.in/courses/110/103/110103093
nc020-hd04	Humanities and Social Sciences	Library Criticism (From Plato to Lewis)	Prof. Merin Sims Raj	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_hd04preview	
nc020-hd05	Humanities and Social Sciences	Twentieth Century Fiction	Prof. Avishkek Parui	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd05preview	
nc020-hd21	Humanities and Social Sciences	Literature for competitive exams	Prof. Aysha Iqbal	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd21preview	https://nptel.ac.in/courses/109/106/109106122
nc020-hd23	Humanities and Social Sciences	The Nineteenth - Century English Novel	Prof. A. Divya	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_hd23preview	https://nptel.ac.in/courses/109/106/109106145
nc020-hd31	Humanities and Social Sciences	English Literature of the Romantic Period, 1798 - 1832	Prof. Pramod K. Nayar	University of Hyderabad	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd31preview	https://nptel.ac.in/courses/109/106/109106149
nc020-hd32	Humanities and Social Sciences	Literature, Culture and Media	Prof. Rashmi Gaur	IITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd32preview	https://nptel.ac.in/courses/109/107/109107139
nc020-hd34	Humanities and Social Sciences	Introduction to Modern Indian Drama	Prof. Kiran Keshavamurthy	ITG	8 Weeks	Run	February 24, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd34preview	https://nptel.ac.in/courses/109/103/109103140
nc020-hd24	Humanities and Social Sciences	Introduction to World Literature	Prof. Merin Sims Raj	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd24preview	https://nptel.ac.in/courses/109/106/109106147
nc020-hd36	Humanities and Social Sciences	Modern Indian Writing in Translation	Prof. A. Divya	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd36preview	
nc020-hd30	Humanities and Social Sciences	Introduction to Modern Indian Political Thought	Prof. Mihlesh Kumar Jha	ITG	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd30preview	https://nptel.ac.in/courses/109/103/109103135
nc020-hd37	Humanities and Social Sciences	Introduction to Political Ideologies: Contexts, Ideas, and Practices	Prof. Anind Sivaramakrishnan	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd37preview	
nc020-hd11	Humanities and Social Sciences	Introduction to Cultural Studies	Prof. Avishkek Parui	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd11preview	https://nptel.ac.in/courses/109/106/109106136
nc020-hd06	Humanities and Social Sciences	Effective Writing	Prof. Binod Mishra	IITR	4 Weeks	New	January 27, 2020	February 21, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd06preview	
nc020-hd08	Humanities and Social Sciences	Understanding Design Thinking & People Centred Design	Prof. Jhumkee Jyengar	ITK	4 Weeks	Run	February 24, 2020	March 20, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd08preview	https://nptel.ac.in/courses/109/104/109104109
nc020-hd09	Humanities and Social Sciences	Introduction to Indian Art - An appreciation	Prof. Soumik Nandi Majumdar	Vivek Bharti Univ	4 Weeks	Run	February 24, 2020	March 20, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd09preview	https://nptel.ac.in/courses/109/104/109104102
nc020-hd10	Humanities and Social Sciences	Enhancing Soft Skills and Personality	Prof. T. Ravichandran	ITK	8 Weeks	Run	February 24, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_hd10preview	https://nptel.ac.in/courses/109/104/109104115
nc020-hd16	Humanities and Social Sciences	Soft Skill Development	Prof. Priyadarshi Pattnaik Prof. V											

nc020-ha41	Humanities and Social Sciences	German - I	Prof. Mind Brah	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ha41preview	https://nptel.ac.in/courses/109/106/109106166/
nc020-ha33	Humanities and Social Sciences	Introduction to Brain & Behaviour	Prof. Ark Verma	ITK	8 Weeks	New	February 24, 2020	April 17, 2020	April 26, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ha33preview	
nc020-mg09	Management	Design Thinking - A Primer	Prof. Ashwin Mahalingam Prof. Datta Ramadurai	ITM	4 Weeks	Run	February 24, 2020	March 20, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg09preview	https://nptel.ac.in/courses/110/106/110106124
nc020-mg28	Management	Infrastructure Planning and Management	Prof. Ashwin Mahalingam	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg28preview	https://nptel.ac.in/courses/105/106/105106188
nc020-mg01	Management	Introduction to Stochastic Processes	Prof. Manish Narayan	ITB	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg01preview	
nc020-mg02	Management	Introduction to System Dynamics Modeling	Prof. Jayaram Venkateswaran	ITB	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg02preview	
nc020-mg07	Management	Services Marketing: Integrating People, Technology, Strategy	Prof. Zilur Rahman	ITR	8 Weeks	New	February 24, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg07preview	
nc020-mg04	Management	Integrated Marketing Management	Prof. R. Srinivasan	IISc	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_mg04preview	
nc020-mg12	Management	Service Marketing - A Practical Approach	Prof. Dipak Datta	IT KGP	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg12preview	https://nptel.ac.in/courses/110/105/110105078
nc020-mg25	Management	Global Marketing Management	Prof. Zilur Rahman	ITR	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg25preview	https://nptel.ac.in/courses/110/107/110107112
nc020-mg26	Management	Marketing Research and Analysis - II	Prof. J. K. Nayak	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg26preview	https://nptel.ac.in/courses/110/107/110107113
nc020-mg06	Management	Production and Operation Management	Prof. Rajat Agrawal	ITR	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_mg06preview	
nc020-mg03	Management	Management of New Products and Services	Prof. Jayanta Chatterjee	ITK	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg03preview	https://nptel.ac.in/courses/110/104/110104084
nc020-mg17	Management	Management of Inventory Systems	Prof. Pradip Kumar Ray	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg17preview	https://nptel.ac.in/courses/110/105/110105095
nc020-mg18	Management	Quality Design And Control	Prof. Pradip Kumar Ray	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg18preview	https://nptel.ac.in/courses/110/105/110105088
nc020-mg19	Management	Six Sigma	Prof. Jitesh J. Thakkar	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg19preview	https://nptel.ac.in/courses/110/105/110105123
nc020-mg27	Management	Supply Chain Analytics	Prof. Rajat Agrawal	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg27preview	https://nptel.ac.in/courses/110/107/110107074
nc020-mg29	Management	Modelling and Analytics for Supply Chain Management	Prof. Kunal Karthi Ghosh Prof. Anupam Ghosh	IT KGP	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg29preview	
nc020-mg13	Management	Sales and Distribution Management	Prof. Sangeta Sahney	IT KGP	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg13preview	https://nptel.ac.in/courses/110/105/110105122
nc020-mg11	Management	Business Analytics For Managerial Decision	Prof. Rudra P. Pradhan	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg11preview	https://nptel.ac.in/courses/110/105/110105089
nc020-mg14	Management	Consumer Behaviour	Prof. Srabanti Mukherjee	IT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg14preview	https://nptel.ac.in/courses/110/105/110105074
nc020-mg15	Management	Principles of Human Resource Management	Prof. Anshu Malik	IT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg15preview	https://nptel.ac.in/courses/110/105/110105069
nc020-mg16	Management	Managerial Skills for Interpersonal Dynamics	Prof. Santhosh Rangashekar	ITR	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg16preview	
nc020-mg08	Management	Managing change in organizations	Prof. KBL Shrivastava	IT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg08preview	https://nptel.ac.in/courses/110/105/110105120
nc020-mg20	Management	Foundation Course in Managerial Economics	Prof. Barnali Nag	IT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg20preview	https://nptel.ac.in/courses/110/105/110105075
nc020-mg21	Management	Engineering Econometrics	Prof. Rudra P. Pradhan	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg21preview	https://nptel.ac.in/courses/110/105/110105093
nc020-mg10	Management	Financial Institutions and Markets	Prof. Jitendra Mahakud	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg10preview	https://nptel.ac.in/courses/110/105/110105121
nc020-mg22	Management	Financial Statement Analysis and Reporting	Prof. Anil K. Sharma	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg22preview	https://nptel.ac.in/courses/110/107/110107073
nc020-mg23	Management	Business Statistics	Prof. Mukesh Kumar Barua	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg23preview	https://nptel.ac.in/courses/110/107/110107114
nc020-mg24	Management	Business analytics and data mining Modeling using R	Prof. D. Gaurav Dixit	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg24preview	https://nptel.ac.in/courses/110/107/110107092
nc020-mg30	Management	Marketing Analytics	Prof. Swagato Chatterjee	IT KGP	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg30preview	
nc020-mg31	Management	Financial Management For Managers	Prof. Anil K. Sharma	ITR	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg31preview	
nc020-mg32	Management	Management of Commercial Banking	Prof. Jitendra Mahakud	IT KGP	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg32preview	
nc020-mg33	Management	Behavioral and Personal Finance	Prof. Abhishek Chandra	IT KGP	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg33preview	
nc020-ma23	Management	Introduction to Operations Research	Prof. G. Srinivasan	ITM	8 weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma23preview	
nc020-ma05	Management	Simulation of Business Systems: An Applied Approach	Prof. Deepu Philip	ITK	8 weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma05preview	
nc020-mg34	Management	Total Quality Management - I	Prof. Raghu Nandan Sengupta	ITK	8 weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_mg34preview	
nc020-mg35	Management	Entrepreneurship	Prof. C. Bhaktavatsala Rao	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc020_mg35preview	
nc020-ma09	Mathematics	Introduction To Rings And Fields	Prof. Krishna Hanumanthlu	CMU	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma09preview	https://nptel.ac.in/courses/111/106/111106131
nc020-ma11	Mathematics	Numerical Linear Algebra	Prof. P. N. Agrawal Prof. D. N. Pandey	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma11preview	https://nptel.ac.in/courses/111/107/111107106
nc020-ma14	Mathematics	Mathematical Methods and its Applications	Prof. P. N. Agrawal Prof. S. K. Gupta	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma14preview	https://nptel.ac.in/courses/111/107/111107098
nc020-ma10	Mathematics	Numerical Methods: Finite difference approach	Prof. Ameya Kumar Nayak	ITR	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma10preview	https://nptel.ac.in/courses/111/107/111107107
nc020-ma01	Mathematics	An introduction to smooth manifolds	Prof. Harish Senthil	IISc	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma01preview	
nc020-ma02	Mathematics	Measure Theory	Prof. E. K. Narayanan	IISc	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma02preview	
nc020-ma20	Mathematics	Introduction to Algebraic Geometry and Commutative Algebra	Prof. Dilip P. Patil	IISc	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma20preview	
nc020-ma04	Mathematics	Probabilistic Methods in PDE	Prof. Anindya Goswami	ISER Pune	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma04preview	
nc020-ma05	Mathematics	Graph Theory	Prof. Soumen Maity	ISER Pune	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma05preview	https://nptel.ac.in/courses/111/106/111106102
nc020-ma06	Mathematics	Translating Calculus and its applications in Differential Equations	Prof. Aditi Gokwani	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma06preview	https://nptel.ac.in/courses/111/105/111105123
nc020-ma18	Mathematics	Advanced Probability Theory	Prof. Madi Chatterjee	ITD	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma18preview	
nc020-ma19	Mathematics	Statistical Inference	Prof. Madi Chatterjee	ITD	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma19preview	https://nptel.ac.in/courses/111/102/111102112
nc020-ma16	Mathematics	Chaotic Dynamical System	Prof. Anina Nagar	ITD	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma16preview	https://nptel.ac.in/courses/111/102/111102110
nc020-ma22	Mathematics	Introduction to probability and Stochastic Processes	Prof. G. Srinivasan	ITM	4 weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc020_ma22preview	https://nptel.ac.in/courses/111/108/111108116
nc020-ma24	Mathematics	Descriptive Statistics with R Software	Prof. Shalabh	IT K	8 weeks	Run	February 24, 2020	April 17, 2020	April 25, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_ma24preview	
nc020-me33	Mechanical Engineering	Steam and Gas Power Systems	Prof. Ravi Kumar	ITR	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG/PG	Core	Yes	https://swayam.gov.in/hd1_nc020_me33preview	https://nptel.ac.in/courses/112/107/112107216
nc020-me40	Mechanical Engineering	Fundamentals of Nuclear Power Generation	Prof. Dipankar N. Basu	ITG	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG/PG	Elective	Yes	https://swayam.gov.in/hd1_nc020_me40preview	https://nptel.ac.in/courses/112/103/112103243
nc020-me42	Mechanical Engineering	IC Engines and Gas Turbines	Prof. Prabir K. Mondal Prof. Vinayak Kumar Das	ITG	12 Weeks	Run								

nc02-m25	Mechanical Engineering	Automatic Control	Prof. Anil Kumar	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	Yes	https://swayam.gov.in/hd1_nc02_m25preview	https://nptel.ac.in/courses/112/107/112107240
nc02-m39	Mechanical Engineering	Industrial Automation And Control	Prof. Siddhartha Mukhopadhyay	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m39preview	https://nptel.ac.in/courses/108/105/108105088
nc02-m63	Mechanical Engineering	Robotics and Control : Theory and Practice	Prof. N. Sakavanam Prof. M. Felix Orlando	ITR	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m63preview	
nc02-m30	Mechanical Engineering	Operations Management	Prof. Indrdeep Singh	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://swayam.gov.in/hd1_nc02_m30preview	https://nptel.ac.in/courses/112/107/112107238
nc02-m06	Mechanical Engineering	Computational Fluid Dynamics for Incompressible Flows	Prof. Animesh Datta	ITG	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m06preview	
nc02-m07	Mechanical Engineering	Experimental Methods in Fluid Mechanics	Prof. Pranab K. Mondal	ITG	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m07preview	
nc02-m11	Mechanical Engineering	Applied Ergonomics	Prof. Shantanu Bhattacharya Prof. Ankur Gupta	ITK	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UG	Elective	yes	https://swayam.gov.in/hd1_nc02_m11preview	https://nptel.ac.in/courses/112/104/112104222
nc02-m13	Mechanical Engineering	Nature and Properties of Materials	Prof. Bisakh Bhattacharya	ITK	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UG	Elective	yes	https://swayam.gov.in/hd1_nc02_m13preview	https://nptel.ac.in/courses/112/104/112104203
nc02-m08	Mechanical Engineering	Foundations of Computational Materials Modeling	Prof. Narasimhan Swaminathan	ITM	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m08preview	
nc02-m05	Mechanical Engineering	Introduction to Soft Matter	Prof. Akte Kumar	IISc	8 Weeks	New	February 24, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m05preview	
nc02-m29	Mechanical Engineering	Processing of Polymers and Polymer Composites	Prof. Indrdeep Singh	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	Yes	https://swayam.gov.in/hd1_nc02_m29preview	https://nptel.ac.in/courses/112/107/112107221
nc02-m09	Mechanical Engineering	Acoustic Materials and Metamaterials	Prof. Sneha Singh	ITR	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m09preview	
nc02-m21	Mechanical Engineering	Kinematics of Mechanisms and Machines	Prof. Anirvan Dasgupta	IT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m21preview	https://nptel.ac.in/courses/112/105/112105268
nc02-m36	Mechanical Engineering	Financial Mathematics	Prof. Pradeep Kumar Jha	ITR	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m36preview	https://nptel.ac.in/courses/112/107/112107260
nc02-m37	Mechanical Engineering	Modelling and Simulation of Dynamic Systems	Prof. Pashparaj Mani Pathak	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m37preview	https://nptel.ac.in/courses/112/107/112107214
nc02-mm09	Metallurgical and Materials Engineering	Materials Science and Engineering	Prof. Vivek Pancholi	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core/Elective	yes	https://swayam.gov.in/hd1_nc02_mm09preview	https://nptel.ac.in/courses/112/107/112107078
nc02-mm02	Metallurgical and Materials Engineering	Fundamentals Of Electronic Materials And Devices	Prof. Parasuraman Swaminathan	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm02preview	https://nptel.ac.in/courses/112/106/112106065
nc02-mm13	Metallurgical and Materials Engineering	Properties of Materials (Nature and Properties of Materials - II)	Prof. Ashish Gang	ITK	8 Weeks	New	February 24, 2020	April 17, 2020	April 26, 2020	UG	Core/Elective	Yes	https://swayam.gov.in/hd1_nc02_mm13preview	
nc02-mm11	Metallurgical and Materials Engineering	Dealing with materials data : collection, analysis and interpretation	Prof. M P Gururajan Prof. Nina Gokhale	ITB	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm11preview	
nc02-mm07	Metallurgical and Materials Engineering	Theory and Practice of Non Destructive Testing	Prof. Rangit Bauri	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm07preview	https://nptel.ac.in/courses/112/106/112106070
nc02-mm12	Metallurgical and Materials Engineering	Friction and Wear of materials : Principle and case studies	Prof. B. V. Manoj Kumar Prof. Bikramjit Basu	ITR & IISc	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm12preview	https://nptel.ac.in/courses/112/108/112108083
nc02-mm10	Metallurgical and Materials Engineering	Surface Engineering of Nanomaterials	Prof. Kaushik Pal	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core/Elective	Yes	https://swayam.gov.in/hd1_nc02_mm10preview	https://nptel.ac.in/courses/112/107/112107075
nc02-mm05	Metallurgical and Materials Engineering	Solar Photovoltaics : Principles, Technologies & Materials	Prof. Ashish Gang	ITK	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm05preview	https://nptel.ac.in/courses/112/104/112104084
nc02-mm06	Metallurgical and Materials Engineering	Welding Processes	Prof. Murugayan Arinathalingam	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm06preview	https://nptel.ac.in/courses/112/106/112106087
nc02-mm08	Metallurgical and Materials Engineering	Steel Quality : Role of Secondary Refining & Continuous Casting	Prof. Santanu K. Ray	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm08preview	https://nptel.ac.in/courses/112/106/112106226
nc02-mm01	Metallurgical and Materials Engineering	Modeling of lunch steam making process in continuous casting	Prof. Pradeep Kumar Jha	ITR	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_mm01preview	
nc02-m28	Metallurgical and Materials Engineering	Diffusion in Multicomponent Solids	Prof. Kaushubh K	ITK	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_m28preview	
nc02-mm14	Metallurgical and Materials Engineering	Material Characterization	Prof. Sankaran S	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Core	yes	https://swayam.gov.in/hd1_nc02_mm14preview	
nc02-hs20	Multidisciplinary	Health Research Fundamentals	Prof. Sanjay Mehendale Prof. Manoj V. Munehar Prof. R. Ramakrishnan Prof. Tarun Bhattacharjya Prof. Prashdeep Kaur Prof. P. Manickam Prof. P. GaneshKumar	NIE	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_hs20preview	https://nptel.ac.in/courses/109/106/109106095
nc02-ge13	Multidisciplinary	Current regulatory requirements for conducting clinical trials in India for investigational new drugs/new drug (Version 2.0)	Prof. Anil B. Rai Prof. Suchella Bat Prof. Nandini K H Prof. V. K. Gupta Prof. D. K. Sable Prof. Rubina Bose Prof. Yashraj Rao	CDSCO,THSTL,DE	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge13preview	
nc02-ge14	Multidisciplinary	Regulatory requirements for medical devices including in vitro diagnostics in India (Version 2.0)	CDSCO Prof. Malay Mittal CDSCO,THSTL,DE	CDSCO	4 Weeks	New	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge14preview	
nc02-ge01	Multidisciplinary	Qualitative Research Methods and Research Writing	Prof. Aradhna Malik	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge01preview	https://nptel.ac.in/courses/109/105/109105115
nc02-ge02	Multidisciplinary	Ethics in Engineering Practice	Prof. Sumita Mukhopadhyay	IT KGP	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge02preview	https://nptel.ac.in/courses/110/105/110105097
nc02-ge03	Multidisciplinary	Effective Engineering Teaching in Practice	Prof. G. K. Sundarharan Prof. Edamana Prasad Prof. Richa Verma	ITM	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge03preview	https://nptel.ac.in/courses/121/106/121106012
nc02-ge04	Multidisciplinary	Introduction to Research	Prof. Prathap Handoss	ITM	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge04preview	https://nptel.ac.in/courses/112/106/112106007
nc02-ge05	Multidisciplinary	Matlab Programming for Numerical Computation	Prof. Niket Kalsani	ITM	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge05preview	https://nptel.ac.in/courses/112/106/112106118
nc02-ge06	Multidisciplinary	Non-Conventional Energy Resources	Prof. Prathap Handoss	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	yes	https://swayam.gov.in/hd1_nc02_ge06preview	https://nptel.ac.in/courses/124/106/124106014
nc02-ge07	Multidisciplinary	Roadmap for patent creation	Prof. Gour Gargale	IT KGP	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge07preview	https://nptel.ac.in/courses/127/105/127105008
nc02-ge08	Multidisciplinary	Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IT KGP	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge08preview	https://nptel.ac.in/courses/127/105/127105007
nc02-ge09	Multidisciplinary	Fuzzy Logic and Neural Networks	Prof. Dip Kumar Prathar	IT KGP	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge09preview	https://nptel.ac.in/courses/127/105/127105006
nc02-ge10	Multidisciplinary	Manage TB	Prof. Mohan Nethran Prof. V V Banu Rishi	NIRT	8 Weeks	Run	February 24, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge10preview	https://nptel.ac.in/courses/127/106/127106003
nc02-ge11	Multidisciplinary	NBA Accreditation and Teaching Learning in Engineering (NATE)	Prof. N J Rao Prof. K. Rajanarath	IISc & MSRT	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge11preview	
nc02-ge12	Multidisciplinary	Designing Learner - Centric MOOCs	Prof. Sridhar Iyer Prof. Gargi Banerjee Prof. Jayakrishnan M Prof. Sameer Sahasrabudhe	ITB	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ge12preview	https://nptel.ac.in/courses/127/101/12710101010
nc02-oe01	Ocean Engineering	Offshore Structures Under Special Environmental Loads Including Fat Resistance	Prof. Srinivasan	ITM	12 Weeks	Run	January 27, 2020	April 17, 2020	April 25, 2020	PG	Elective	Yes	https://swayam.gov.in/hd1_nc02_oe01preview	https://nptel.ac.in/courses/114/106/114106043
nc02-ph02	Physics	Physics of Biological Systems	Prof. Mithun Mitra	ITB	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ph02preview	
nc02-ph03	Physics	Group Theory methods in Physics A brief course on Superconductivity	Prof. P. Ramadevi	ITB	12 Weeks	New	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	yes	https://swayam.gov.in/hd1_nc02_ph03preview	
nc02-ph06	Physics	Fiber Optics	Prof. Saurabh Basu	ITG	4 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ph06preview	https://nptel.ac.in/courses/115/103/115103108
nc02-ph07	Physics	Fiber Optics	Prof. Vipul Rastogi	ITR	8 Weeks	Run	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ph07preview	https://nptel.ac.in/courses/115/107/115107095
nc02-ph10	Physics	Electronic Theory of Solids	Prof. Ananya Taraphder	IT KGP	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ph10preview	
nc02-ph11	Physics	Introduction to Atmospheric and Space Sciences	Prof. M V Sunil Krishna	ITR	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ph11preview	
nc02-ph13	Physics	Optical Sensors	Prof. Sachin Kumar Shivastava	ITR	4 Weeks	New	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_ph13preview	
nc02-te02	Textile Engineering	Advanced Textile Printing Technology	Prof. Kunal Sen	ITD	8 Weeks	Run	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_te02preview	https://nptel.ac.in/courses/116/102/116102052
nc02-te03	Textile Engineering	Textured Yarn Technology	Prof. Kunal Sen	ITD	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://swayam.gov.in/hd1_nc02_te03preview	https://nptel.ac.in/courses/116/102/116102053
nc02-te04	Textile Engineering	Theory of Yarn Structure	Prof. Dipayan Das	ITD	12 Weeks	Run	January 27, 2020	April 17, 2020	April 26, 2020	UG	Elective	Yes	https://swayam.gov.in/hd1_nc02_te04preview	https://nptel.ac.in/courses/116/102/116102051
nc02-te05	Textile Engineering	Testing of Functional and Technical Textiles	Prof. Apurba Das	ITD	8									

Course id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	UGPG	Core/Elective	FDP	Click here to Join the Course	NPTEL URL
nc02-a001	Aerospace Engineering	Introduction to Airplane Performance	Prof. A. K. Ghosh	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	No	https://nptel.ac.in/courses/102/04/01104060/	
nc02-a003	Aerospace Engineering	Aircraft Maintenance	Prof. A. K. Ghosh Prof. Vinay Mathur	ITK	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Core	No	https://nptel.ac.in/courses/102/04/01104070/	
nc02-rn01	Applied Mechanics	Engineering Mechanics - Statics and Dynamics	Prof. Anubrah Raj	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/122/06/011220380/	
nc02-a002	Architecture and Planning	Introduction to History of Architecture in India	Prof. Pankaj Sahni	ISER Pune	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/242/06/012420600/	
nc02-a003	Architecture and Planning	Architectural Design - The Synthesis	Prof. Shashank Tathavale	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	No	https://nptel.ac.in/courses/102/06/011020606/	
nc02-a004	Biochemistry & Biomechanics	Bioenergetics	Prof. Anur Adhikari	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/102/04/011020400/	
nc02-a009	Biochemistry & Biomechanics	Forensic Engineering - An Interface with Biology and Medicine	Prof. Sanjeeva Srinivasan	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/102/04/011020406/	
nc02-a006	Biochemistry & Biomechanics	Human Molecular Genetics	Prof. S. Ganesh	ITK	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/102/04/011020402/	
nc02-a011	Biochemistry & Biomechanics	Biostatistics and Design of experiments	Prof. Mahesh Dattat	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core/Elective	Yes	https://nptel.ac.in/courses/102/04/011020401/	
nc02-a016	Biochemistry & Biomechanics	Computational Biochemistry	Prof. Srinivas Chatterjee	ITM	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/102/06/011020606/	
nc02-a018	Biochemistry & Biomechanics	Principles and Applications of NMR Spectroscopy	Prof. H. S. Arora	ISIC	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/104/08/011040807/	
nc02-a005	Biochemistry & Biomechanics	Introduction to Professional Scientific Communication	Prof. S. Ganesh	ITK	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/102/04/011020404/	
nc02-a017	Chemical Engineering	Equipment Design - Mechanical Aspects	Prof. Shabana Khanam	ITR	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/103/07/011030704/	
nc02-a016	Chemical Engineering	Waste to Energy Conversion	Prof. P. Mondal	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/103/07/011030705/	
nc02-a002	Chemical Engineering	Biotechnological Technology in Pollution Control	Prof. J. T. Mahalingam	ISIC	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/103/07/011030725/	
nc02-a009	Chemical Engineering	Soft Nano Technology	Prof. Rabintra Mahapatra	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/103/05/011030512/	
nc02-a014	Chemical Engineering	Multiphase Flows	Prof. Rajesh Kumar Upadhyay	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/103/03/011030316/	
nc02-a018	Chemical Engineering	An Introduction to Cardiovascular Fluid Mechanics	Prof. Rayghadesha Gupta	ITD	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/103/03/011030313/	
nc02-a019	Chemical Engineering	Computer Aided Applied Single Objective Optimization	Prof. Prakash Kulkarni	ITD	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/104/04/011040407/	
nc02-a012	Chemistry	Organometallic Chemistry	Prof. D. Mali	ITM	8 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/104/04/011040407/	
nc02-a013	Chemistry	Basics in Inorganic Chemistry	Prof. D. Mali	ITM	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/104/04/011040408/	
nc02-a013	Chemistry	Chemical Applications of Symmetry and Group Theory	Prof. Ramendra Galla	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/104/04/011040406/	
nc02-a002	Civil Engineering	Introduction to Civil Engineering Profession	Prof. Ramendra Galla	ITK	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/105/06/011050613/	
nc02-a015	Civil Engineering	Advanced Topics in the Science and Technology of Concrete	Prof. Manu Sarin	ITM	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/105/06/011050618/	
nc02-a007	Civil Engineering	Natural Hazards	Prof. Nishu M. Malik	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/105/04/011050418/	
nc02-a012	Civil Engineering	Programmatic Data Analytics And Algorithms Using Python	Prof. Brajesh Kumar Dubey	IT KGP	4 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/105/03/011050316/	
nc02-a013	Civil Engineering	Plastic Waste Management - Issues And Challenges	Prof. Brajesh Kumar Dubey	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/105/05/011050518/	
nc02-a002	Civil Engineering	Introduction to Geographic Information Systems	Prof. Anur K. Saraf	ITR	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/105/07/011050715/	
nc02-a004	Civil Engineering	Geo Spatial Analysis in Urban Planning	Prof. Sakshi Kumar Patel	IT KGP	4 Weeks	New	January 27, 2020	February 21, 2020	March 29, 2020	PG	Core	Yes	https://nptel.ac.in/courses/105/07/011050716/	
nc02-a032	Civil Engineering	Introduction to Accounting and Finance for Civil Engineers	Prof. Sushu Misra Prof. K. N. Jha	ITK	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/105/04/011050412/	
nc02-a007	Computer Science and Engineering	Programming in C++	Prof. Partha Pratim Das	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/106/05/011060513/	
nc02-a008	Computer Science and Engineering	Computer Science Data Structures And Algorithms Using Python	Prof. Maheshwar Mahant	ITM	4 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	No	https://nptel.ac.in/courses/106/05/011060515/	
nc02-a009	Computer Science and Engineering	Data Base Management System	Prof. Partha Pratim Das	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/106/05/011060517/	
nc02-a007	Computer Science and Engineering	Design and analysis of algorithms	Prof. Maheshwar Mahant	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/106/06/0110606131/	
nc02-a008	Computer Science and Engineering	Data Science for Engineers	Prof. Rajagharan Rangasamy Prof. Shankar Narayanan	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/106/06/0110606179/	
nc02-a038	Computer Science and Engineering	Python for Data Science	Prof. Rajagharan Rangasamy	ITM	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/106/06/0110606212/	
nc02-a004	Computer Science and Engineering	Practical Machine Learning with TensorFlow	Prof. Arun Kumar Prof. Balaraman Ravindran	ITM & Google	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/106/06/0110606213/	
nc02-a015	Computer Science and Engineering	Embedded System Design with ARM	Prof. Indraj Sengupta Prof. Kamalika Dutta	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/106/05/0110605193/	
nc02-a017	Computer Science and Engineering	Introduction To Self Computing	Prof. Debasis Samanta	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/106/05/0110605174/	
nc02-a019	Computer Science and Engineering	Software Testing	Prof. Rajni Mali	IT KGP	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/106/05/0110605192/	
nc02-a048	Computer Science and Engineering	Cloud Computing and Distributed Systems	Prof. Rajni Mali	ITR	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core/Elective	Yes	https://nptel.ac.in/courses/106/06/0110606184/	
nc02-a033	Computer Science and Engineering	Computer Security - 5. Secure Systems Engineering	Prof. Chaitan Jaiswal	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/106/06/0110606189/	
nc02-a045	Computer Science and Engineering	User-centric Computing for Human-Computer Interaction	Prof. Santhi Bhattacharya	ITD	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/106/06/0110606195/	
nc02-a005	Design Engineering	Product Design and Innovation	Prof. Surajit Das Prof. Debajyoti Dhar	ITD	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	PG	Core	No	https://nptel.ac.in/courses/107/01/0110701038/	
nc02-a001	Electrical and Electronics Engineering	Electronics Design Process	Prof. M. Anurag Chatterjee	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	No	https://nptel.ac.in/courses/117/05/0111705122/	
nc02-a033	Electrical and Electronics Engineering	Fundamentals of MMIO Wireless Communication	Prof. Suvra Saha Das	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/117/05/0111705132/	
nc02-a004	Electrical and Electronics Engineering	Analog Circuits	Prof. Jayanta Mukherjee	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/108/04/0110804094/	
nc02-a001	Electrical and Electronics Engineering	Electronics Equipment Installation and Prototype building	Prof. N. Chaitanya Rao	ISIC	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/108/07/0110807128/	
nc02-a008	Electrical and Electronics Engineering	Advanced Power Electronics and Control	Prof. Anil Kishor Bhattacharya	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/108/07/0110807129/	
nc02-a003	Electrical and Electronics Engineering	Recurrent Algorithms in Transmission Isolator	Prof. Subha Reddy	ITK	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/108/08/0110808116/	
nc02-a005	Electrical and Electronics Engineering	Basic Building Blocks of Microwave Engineering & Design Principles of RF and Microwave Filters and Amplifiers	Prof. Anandhatha Shattacharya	IT KGP	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UG	Core	No	https://nptel.ac.in/courses/117/05/0111705130/	
nc02-a005	Electrical and Electronics Engineering	Advanced Topics in Microwave Engineering	Prof. Jayanta Mukherjee	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Core	No	https://nptel.ac.in/courses/117/05/0111705131/	
nc02-a009	Electrical and Electronics Engineering	CMOS Digital VLSI Design	Prof. Subho Dasgupta	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/108/07/0110807129/	
nc02-a015	Electrical and Electronics Engineering	Power Quality Improvement Technique	Prof. Anil Bhattacharya	ITM	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/108/07/0110807129/	
nc02-a012	Electrical and Electronics Engineering	Design and Simulation of Power Conversion using open source tools	Dr. L. Unnikrishnan	ITM	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/117/08/0111708124/	
nc02-a007	Electrical and Electronics Engineering	Linear Dynamical Systems	Prof. Tushar Jain	ITM	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	UG	Elective	Yes	https://nptel.ac.in/courses/108/02/0110802113/	
nc02-a001	Electrical and Electronics Engineering	Nonlinear Adaptive Control	Prof. Shubendu Bhattacharya	ITD	4 Weeks	Recur	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/108/02/0110802113/	
nc02-a002	Electrical and Electronics Engineering	A brief introduction of Micro - Sensors	Prof. Santanu Bhattacharya	ISER Bhopal	4 Weeks	New	January 27, 2020	February 21, 2020	March 29, 2020	PG	Elective	Yes	https://nptel.ac.in/courses/108/05/0110805122/	
nc02-a007	Humanities and Social Sciences	Strategic, Trade and protectionism - Theories and Enquiries	Prof. Pratik C. Mahapatra	ITM	8 Weeks	New	January 27, 2020	March 20, 2020	March 29, 2020	PG	Core	Yes	https://nptel.ac.in/courses/110/03/0111003091/	
nc02-a007	Humanities and Social Sciences	Economic Growth & Development	Prof. Anand Kishor Bhattacharya	ITM	8 Weeks	Recur	January 27, 2020	March 20, 2020	March 29, 2020	UGPG				

Sl. No.	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam Date	USGPG	Core/Elective	FDP	Click here to Join the Course	NMTEL URL
nm20-0001	Aerospace Engineering	Rocket Propulsion	Prof. K. Ravindra	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100696	https://nptel.ac.in/course/120/100/100696
nm20-0002	Architecture and Planning	Environmental Architecture	Prof. Anand Aggarwal	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100697	https://nptel.ac.in/course/120/100/100697
nm20-0003	Biotechnology & Bioengineering	Process and Project Management	Prof. Anand Aggarwal	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100698	https://nptel.ac.in/course/120/100/100698
nm20-0004	Biotechnology & Bioengineering	Instrumentation - Basics & Applications	Prof. Sangeeta Bhatnagar	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100699	https://nptel.ac.in/course/120/100/100699
nm20-0005	Biotechnology & Bioengineering	Materials & Energy Balances	Prof. Sangeeta Bhatnagar	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100700	https://nptel.ac.in/course/120/100/100700
nm20-0006	Biotechnology & Bioengineering	Control Systems	Prof. Sangeeta Bhatnagar	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100701	https://nptel.ac.in/course/120/100/100701
nm20-0007	Biotechnology & Bioengineering	Microbial Bioreactors	Prof. Sangeeta Bhatnagar	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100702	https://nptel.ac.in/course/120/100/100702
nm20-0008	Biotechnology & Bioengineering	Optical Spectroscopy and Microscopy. Fundamentals of optical measurements and instrumentation	Prof. Mahesh Kulkarni	VTU	8 Weeks	New	February 24, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100703	https://nptel.ac.in/course/120/100/100703
nm20-0009	Biotechnology & Bioengineering	Optical Spectroscopy and Microscopy. Fundamentals of optical measurements and instrumentation	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100704	https://nptel.ac.in/course/120/100/100704
nm20-0010	Biotechnology & Bioengineering	Cell Culture and Tissue Engineering	Prof. Mahesh Kulkarni	VTU	8 Weeks	New	February 24, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100705	https://nptel.ac.in/course/120/100/100705
nm20-0011	Chemical Engineering	Chemical Reaction Engineering I	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100706	https://nptel.ac.in/course/120/100/100706
nm20-0012	Chemical Engineering	Environmental Quality Monitoring & Analysis	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100707	https://nptel.ac.in/course/120/100/100707
nm20-0013	Chemical Engineering	Process Control	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100708	https://nptel.ac.in/course/120/100/100708
nm20-0014	Chemical Engineering	Process Control	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100709	https://nptel.ac.in/course/120/100/100709
nm20-0015	Chemical Engineering	Process Control	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100710	https://nptel.ac.in/course/120/100/100710
nm20-0016	Chemical Engineering	Process Control	Prof. Mahesh Kulkarni	VTU	12 Weeks	New	January 27, 2020	April 17, 2020	April 25, 2020	USGPG	Elective	Yes	https://nptel.ac.in/course/120/100/100711	https://

Course id	Discipline	Course Name	SME Name	ITM	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	UGPG	Core/Elective	FOP	Click here to join the Course	NPTEL URL
nc02-m02	Applied Mechanics	Experimental Stress Analysis	Prof. K. Ramesh	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120647	
nc02-m03	Biotechnology & Bioengineering	Bioreactors of Life Processes	Prof. Mainak Das	ITM	ITM	4 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120648	
nc02-m10	Biotechnology & Bioengineering	Bio-Informatics: Algorithms and Applications	Prof. Mohit Gomathi	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120649	https://nptel.ac.in/courses/112/06/1120649
nc02-m13	Biotechnology & Bioengineering	Introduction: Mathematical Methods for Biologists	Prof. David Pothuizen	ITM	ITM	8 Weeks	Renr	February 24, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120650	https://nptel.ac.in/courses/112/06/1120650
nc02-m14	Biotechnology & Bioengineering	Thermodynamics for Biological Systems: Classical and Statistical Approach	Prof. Sanjay Sengupta	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120651	
nc02-m05	Chemical Engineering	Computational Fluid Dynamics	Prof. Suresh Jayaram	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120652	https://nptel.ac.in/courses/112/06/1120652
nc02-m10	Chemical Engineering	Transport phenomena - I: Heat and Mass Transfer	Prof. Kumar V. V.	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120653	https://nptel.ac.in/courses/112/06/1120653
nc02-m11	Chemical Engineering	Process Control: Design, Analysis and Assessment	Prof. Raghunathan Raghunathan	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120654	https://nptel.ac.in/courses/112/06/1120654
nc02-m12	Chemical Engineering	Heat Transfer	Prof. Ganesh Viswanathan	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120655	https://nptel.ac.in/courses/112/06/1120655
nc02-m15	Chemical Engineering	Mass Transfer Operations - I	Prof. Bhaskar Dasgupta	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120656	https://nptel.ac.in/courses/112/06/1120656
nc02-m20	Chemical Engineering	Reaction Engineering and Calculations in Chemical Engineering	Prof. Suresh Jayaram	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120657	https://nptel.ac.in/courses/112/06/1120657
nc02-m06	Chemical Engineering	Transport phenomena	Prof. Sundar Dasgupta	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120658	https://nptel.ac.in/courses/112/06/1120658
nc02-m03	Chemical Engineering	Advanced Thermodynamics	Prof. Nanda Kishore	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120659	https://nptel.ac.in/courses/112/06/1120659
nc02-m10	Chemistry	Biochemistry	Prof. Swagata Dasgupta	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120660	https://nptel.ac.in/courses/112/06/1120660
nc02-m14	Chemistry	Basic Thermodynamics: Classical and Statistical Approaches	Prof. Anil Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120661	https://nptel.ac.in/courses/112/06/1120661
nc02-m02	Chemistry	Quantitative Methods in Chemistry	Prof. Anand Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120662	https://nptel.ac.in/courses/112/06/1120662
nc02-m07	Chemistry	Essentials of Biomolecules: Nucleic Acids and Proteins	Prof. Lal Mahan Kundu	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120663	https://nptel.ac.in/courses/112/06/1120663
nc02-m08	Chemistry	Fundamentals of Spectroscopy	Prof. Anil Mahan Kundu	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120664	https://nptel.ac.in/courses/112/06/1120664
nc02-m11	Chemistry	Reactive Intermediates: Carbenes and Nitrenes	Prof. Raghunathan Raghunathan	ITM	ITM	4 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120665	https://nptel.ac.in/courses/112/06/1120665
nc02-m01	Civil Engineering	Characterization of Construction Materials	Prof. Mohan Sarin	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120666	https://nptel.ac.in/courses/112/06/1120666
nc02-m05	Civil Engineering	Structural Engineering - I	Prof. D. N. Singh	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120667	https://nptel.ac.in/courses/112/06/1120667
nc02-m10	Civil Engineering	Structural Engineering: Foundation Engineering	Prof. D. N. Singh	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120668	https://nptel.ac.in/courses/112/06/1120668
nc02-m03	Civil Engineering	Environmental Geotechnics	Prof. D. N. Singh	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120669	https://nptel.ac.in/courses/112/06/1120669
nc02-m01	Civil Engineering	Structural Dynamics	Prof. Ramachandran Pradeep Kumar	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120670	https://nptel.ac.in/courses/112/06/1120670
nc02-m02	Civil Engineering	Soil Structure Interaction	Prof. Koushik Deb	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120671	https://nptel.ac.in/courses/112/06/1120671
nc02-m08	Civil Engineering	Energy Efficiency, Acoustics and Daylighting in Building	Prof. B. Bhattacharya	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120672	https://nptel.ac.in/courses/112/06/1120672
nc02-m04	Civil Engineering	Architectural Conservation and Historic Preservation	Prof. Gangadhar Das	ITM	ITM	8 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120673	https://nptel.ac.in/courses/112/06/1120673
nc02-m02	Civil Engineering	Highway Surveying	Prof. Anil Mahan Kundu	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120674	https://nptel.ac.in/courses/112/06/1120674
nc02-m08	Civil Engineering	Geomatics	Prof. Prabir Pal	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120675	https://nptel.ac.in/courses/112/06/1120675
nc02-m09	Civil Engineering	Remote Sensing Essentials	Prof. Arun K. Saraf	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120676	https://nptel.ac.in/courses/112/06/1120676
nc02-m03	Civil Engineering	Water Supply Engineering	Prof. Anil Mahan Kundu	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	Yes	https://nptel.ac.in/courses/112/06/1120677	https://nptel.ac.in/courses/112/06/1120677
nc02-m01	Civil Engineering	Environmental Remediation of Contaminated Sites	Prof. Bhuvan Prakash Venkatesh	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120678	https://nptel.ac.in/courses/112/06/1120678
nc02-m08	Computer Science and Engineering	Programming in Java	Prof. Debasis Samanta	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120679	https://nptel.ac.in/courses/112/06/1120679
nc02-m03	Computer Science and Engineering	An Introduction to Programming Through C++	Prof. Anand Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120680	https://nptel.ac.in/courses/112/06/1120680
nc02-m04	Computer Science and Engineering	Design and Analysis of the Introductory programming course	Prof. Anand Mahalingam	ITM	ITM	4 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120681	https://nptel.ac.in/courses/112/06/1120681
nc02-m03	Computer Science and Engineering	Introduction to Database Systems	Prof. Anand Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120682	https://nptel.ac.in/courses/112/06/1120682
nc02-m09	Computer Science and Engineering	Introduction to Machine Learning	Prof. Balaram Ravindran	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120683	https://nptel.ac.in/courses/112/06/1120683
nc02-m09	Computer Science and Engineering	Machine Learning, ML	Prof. Carl Gustaf Jansson	ITM	ITM	8 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120684	https://nptel.ac.in/courses/112/06/1120684
nc02-m04	Computer Science and Engineering	Artificial Intelligence	Prof. Anand Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120685	https://nptel.ac.in/courses/112/06/1120685
nc02-m05	Computer Science and Engineering	Computer Architecture	Prof. Anand Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120686	https://nptel.ac.in/courses/112/06/1120686
nc02-m14	Computer Science and Engineering	Embedded Systems Design	Prof. Anand Mahalingam	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120687	https://nptel.ac.in/courses/112/06/1120687
nc02-m18	Computer Science and Engineering	VLBI Signal Processing	Prof. Indrani Sengupta	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120688	https://nptel.ac.in/courses/112/06/1120688
nc02-m03	Computer Science and Engineering	Cloud Computing	Prof. Soumya Karthi Ganesan	ITM	ITM	8 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120689	https://nptel.ac.in/courses/112/06/1120689
nc02-m04	Computer Science and Engineering	Introduction to Industry 4.0 and Industrial Internet of Things	Prof. Soumya Karthi Ganesan	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Core	No	https://nptel.ac.in/courses/112/06/1120690	https://nptel.ac.in/courses/112/06/1120690
nc02-m01	Computer Science and Engineering	Privacy and Security in Online Social Media	Prof. Soumya Karthi Ganesan	ITM	ITM	8 Weeks	Renr	February 24, 2020	March 26, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120691	https://nptel.ac.in/courses/112/06/1120691
nc02-m03	Computer Science and Engineering	Social Networks	Prof. Soumya Karthi Ganesan	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120692	https://nptel.ac.in/courses/112/06/1120692
nc02-m04	Computer Science and Engineering	GPU Architecture and Programming	Prof. Soumya Karthi Ganesan	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120693	https://nptel.ac.in/courses/112/06/1120693
nc02-m05	Computer Science and Engineering	Deep Learning: Part I (1/1/1)	Prof. Soumya Karthi Ganesan	ITM	ITM	12 Weeks	Renr	January 27, 2020	April 17, 2020	April 26, 2020	UGPG	Elective	Yes	https://nptel.ac.in/courses/112/06/1120694	<