

Course id	Discipline	Course Name	SME Name	Institute	Duration	UG/PG	Link to Join the Course	NPTEL URL
noc20-bt09	Biotechnology & Bioengineering	Bioengineering : An Interface with Biology and Medicine	Prof. Sanjeeva Srivastava	IITB	8 Weeks	UG	https://swayam.gov.in/nd1_noc20_bt09/preview	https://nptel.ac.in/courses/102/101/102101068
noc20-bt06	Biotechnology & Bioengineering	Human Molecular Genetics	Prof. S. Ganesh	IITK	4 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt06/preview	https://nptel.ac.in/courses/102/104/102104052
noc20-bt03	Biotechnology & Bioengineering	Bioenergetics of Life Processes	Prof. Mainak Das	IITK	4 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt03/preview	https://nptel.ac.in/courses/102/104/102104063
noc20-bt08	Biotechnology & Bioengineering	Computational Systems Biology	Prof. Karthik Raman	IITM	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt08/preview	https://nptel.ac.in/courses/102/106/102106068
noc20-bt10	Biotechnology & Bioengineering	Bio-Informatics : Algorithms and Applications	Prof. Michael Gromiha	IITM	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt10/preview	https://nptel.ac.in/courses/102/106/102106065
noc20-bt11	Biotechnology & Bioengineering	Biostatistics and Design of experiments	Prof. Mukesh Doble	IITM	8 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt11/preview	https://nptel.ac.in/courses/102/106/102106051
noc20-bt12	Biotechnology & Bioengineering	Medical Biomaterials	Prof. Mukesh Doble	IITM	8 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt12/preview	https://nptel.ac.in/courses/102/106/102106057

noc20-bt13	Biotechnology & Bioengineering	Introductory Mathematical Methods for Biologists	Prof. Ranjit Padinhateeri	IITB	8 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt13/preview	https://nptel.ac.in/courses/102/101/102101067
noc20-bt14	Biotechnology & Bioengineering	Thermodynamics for Biological Systems : Classical and Statistical Aspect	Prof. Suraishkumar G K Prof. Sanjib Senapati	IITM	12 Weeks	UG	https://swayam.gov.in/nd1_noc20_bt14/preview	
noc20-bt15	Biotechnology & Bioengineering	Demystifying the Brain	Prof. Srinivas Chakravarthy	IITM	4 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_bt15/preview	https://nptel.ac.in/courses/102/106/102106066/
noc20-bt16	Biotechnology & Bioengineering	Optical Spectroscopy and Microscopy : Fundamentals of optical measurements and instrumentation	Prof. Balaji Jayaprakash	IISc	12 Weeks	PG	https://swayam.gov.in/nd1_noc20_bt16/preview	
noc20-bt18	Biotechnology & Bioengineering	Principles and Applications of NMR Spectroscopy	Prof. H. S. Atreya	IISc	8 Weeks	PG	https://swayam.gov.in/nd1_noc20_bt18/preview	https://nptel.ac.in/courses/104/108/104108078
noc20-me04	Biotechnology & Bioengineering	Cell Culture Technologies	Prof. Mainak Das	IITK	8 Weeks	PG	https://swayam.gov.in/nd1_noc20_me04/preview	https://nptel.ac.in/courses/102/104/102104059
noc20-bt05	Biotechnology & Bioengineering	Introduction to Professional Scientific Communication	Prof. S. Ganesh	IITK	4 Weeks	PG	https://swayam.gov.in/nd1_noc20_bt05/preview	https://nptel.ac.in/courses/102/104/102104061
noc20-cy16	Chemistry	Medicinal Chemistry	Prof. Harinath Chakrapani	IISER Pune	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_cy16/preview	https://nptel.ac.in/courses/104/106/104106106

noc20-cy03	Chemistry	Basics in Inorganic Chemistry	Prof. D. Maiti	IITB	4 Weeks	UG	https://swayam.gov.in/nd1_noc20_cy03/preview	
noc20-cy10	Chemistry	Biochemistry	Prof. Swagata Dasgupta	IIT KGP	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_cy10/preview	https://nptel.ac.in/courses/104/105/104105076
noc20-cy14	Chemistry	Basic thermodynamics : Classical and Statistical Approaches	Prof. Arnab Mukherjee	IISER Pune	12 Weeks	UG	https://swayam.gov.in/nd1_noc20_cy14/preview	https://nptel.ac.in/courses/104/106/104106107
noc20-cy09	Chemistry	Advanced Chemical Thermodynamics and Kinetics	Prof. Arijit Kumar De	IISER Mohali	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_cy09/preview	https://nptel.ac.in/courses/104/106/104106094
noc20-cy02	Chemistry	Quantitative Methods in Chemistry	Prof. Aasheesh Srivastava	IISER Bhopal	12 Weeks	UG	https://swayam.gov.in/nd1_noc20_cy02/preview	
noc20-cy04	Chemistry	Ultrafast laser spectroscopy	Prof. Anindya Datta	IITB	12 Weeks	PG	https://swayam.gov.in/nd1_noc20_cy04/preview	
noc20-cy05	Chemistry	Transition Metal Organometallics in Catalysis and Biology	Prof. P. Ghosh	IITB	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_cy05/preview	
noc20-cy07	Chemistry	Essentials of Biomolecules : Nucleic Acids and Peptides	Prof. Lal Mohan Kundu	IITG	12 Weeks	PG	https://swayam.gov.in/nd1_noc20_cy07/preview	

noc20-cy08	Chemistry	Fundamentals of Spectroscopy	Prof. Sayan Bagchi	NCL Pune, IISER Pune	12 Weeks	UG	https://swayam.gov.in/nd1_noc20_cy08/preview	
noc20-ce12	Civil Engineering	Electronic Waste Management - Issues And Challenges	Prof. Brajesh Kumar Dubey	IIT KGP	4 Weeks	PG	https://swayam.gov.in/nd1_noc20_ce12/preview	https://nptel.ac.in/courses/105/105/105105169
noc20-ce13	Civil Engineering	Plastic Waste Management	Prof. Brajesh Kumar Dubey	IIT KGP	8 Weeks	PG	https://swayam.gov.in/nd1_noc20_ce13/preview	https://nptel.ac.in/courses/105/105/105105184
noc20-mg35	Management	Entrepreneurship	Prof. C Bhaktavatsala Rao	IITM	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_mg35/preview	
noc20-ma23	Management	Introduction to Operations Research	Prof. G. Srinivasan	IITM	8 weeks	UG/PG	https://swayam.gov.in/nd1_noc20_ma23/preview	
noc20-hs20	Multidisciplinary	Health Research Fundamentals	Prof. Sanjay Mehendale	NIE	8 Weeks	PG	https://swayam.gov.in/nd1_noc20_hs20/preview	https://nptel.ac.in/courses/109/106/109106095
noc20-ge13	Multidisciplinary	Current regulatory requirements for conducting clinical trials in India for investigational new drug/new drug	Prof. Arun B. Ramteke	CDSA	8 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_ge13/preview	
noc20-ge14	Multidisciplinary	Regulatory requirements for medical devices including in vitro diagnostics in India	Prof. Aseem Sahu	CDSCO	4 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_ge14/preview	

noc20-ge01	Multidisciplinary	Qualitative Research Methods and Research Writing	Prof. Aradhna Malik	IIT KGP	12 Weeks	PG	https://swayam.gov.in/nd1_noc20_ge01/preview	https://nptel.ac.in/courses/109/105/109105115
noc20-ge04	Multidisciplinary	Introduction to Research	Prof. Prathap Haridoss	IITM	8 Weeks	PG	https://swayam.gov.in/nd1_noc20_ge04/preview	https://nptel.ac.in/courses/121/106/121106007
noc20-ge05	Multidisciplinary	Matlab Programming for Numerical Computation	Prof. Niket Kaisare	IITM	8 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_ge05/preview	https://nptel.ac.in/courses/103/106/103106118
noc20-ge08	Multidisciplinary	Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IIT KGP	12 Weeks	UG/PG	https://swayam.gov.in/nd1_noc20_ge08/preview	https://nptel.ac.in/courses/127/105/127105007
noc20-ge12	Multidisciplinary	Designing Learner - Centric MOOCs	Prof. Sridhar Iyer	IITB	4 Weeks	PG	https://swayam.gov.in/nd1_noc20_ge12/preview	https://nptel.ac.in/courses/127/101/127101010/
noc20-ce27	Multidisciplinary	Thermodynamics	Prof. Anand T. N. C	IITM	12 Weeks	UG	https://swayam.gov.in/nd1_noc20_ce27/preview	