



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi
Proposed list of MOOCs (NPTEL Jan-April2022 Timeline) for B.E Degree Honours

Format for submission of Bouquet of MOOCs Courses

Table 1. List of certifiable courses approved for earning the extra credits under type

Name of the Board BIOTECHNOLOGY						
Sl. No.	Name of the Subject & Subject Matter Expert(SME)	Duration in Weeks	Start Date	End Date	Exam Dates	Enrolment End Date
1	Computational Systems Biology (Prof. Karthik Raman)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
2	Human Molecular Genetics (Prof. S. Ganesh)	4	January 24, 2022	February 18, 2022	March 27, 2022	1/31/2022
3	Introductory Mathematical Methods for Biologists (Prof. RanjitPadinhateeri)	8	February 21, 2022	April 15, 2022	April 24, 2022	2/21/2022
4	Bioengineering: An Interface with Biology and Medicine (Prof. SanjeevaSrivastava)	8	January 24, 2022	March 18, 2022	March 27, 2022	1/31/2022
5	Interactomics : Basics & Applications (Prof. SanjeevaSrivastava)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
6	Biostatistics and Design of experiments (Prof. MukeshDoble)	8	January 24, 2022	March 18, 2022	March 27, 2022	1/31/2022
7	Demystifying The Brain (Prof. SrinivasChakravarthy)	4	January 24, 2022	February 18, 2022	March 27, 2022	1/31/2022
8	Medical Biomaterials (Prof. MukeshDoble)	8	February 21, 2022	April 15, 2022	April 23, 2022	2/21/2022
9	Thermodynamics for Biological Systems : Classical and Statistical Aspect (Prof. G. K. Suraishkumar Prof. SanjibSenapati)	12	January 24, 2022	April 15, 2022	April 24, 2022	1/31/2022
10	Bioreactor Design and Analysis (Prof. SmitaSrivastava)	8	January 24, 2022	March 18, 2022	March 27, 2022	1/31/2022
11	Data Analysis for Biologists (Prof. Biplab Bose)	8	February 21, 2022	April 15, 2022	April 23, 2022	2/21/2022
12	Biointerface Engineering (Prof. Lalit M. Pandey)	8	January 24, 2022	March 18, 2022	March 27, 2022	1/31/2022
13	Nanotechnology In Agriculture (Prof. Mainak Das)	8	February 21, 2022	April 15, 2022	April 24, 2022	2/21/2022
14	Bioelectrochemistry (Prof. Mainak Das)	4	February 21, 2022	March 18, 2022	April 23, 2022	2/21/2022



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15	Plant Developmental Biology (Prof. ShriRamYadav)	4	February 21, 2022	March 18, 2022	April 24, 2022	2/21/2022
16	Structural Biology (Prof. SaugataHazra)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
17	Metabolic Engineering (Prof. PinakiSar Prof. AmitGhosh)	8	February 21, 2022	April 15, 2022	April 24, 2022	2/21/2022
18	Medicinal Chemistry (Prof. HarinathChakrapani)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
19	Applied Environmental Microbiology (Prof. Gargi Singh)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
20	Aspects Of Biochemical Engineering (Prof. Debabrata Das)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
21	Novel Technologies for Food Processing and Shelf-Life Extension (Prof. HariNiwas Mishra)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
22	Machine Learning For Soil And Crop Management (Prof. SomsubhraChakraborty)	12	January 24, 2022	April 15, 2022	April 23, 2022	1/31/2022
23	Exploring Survey Data on Health Care (Prof. Pratap C. Mohanty)	8	February 21, 2022	April 15, 2022	April 24, 2022	2/21/2022
24	Instrumentation and Process Control in Food Industry (Prof. Ashis Kumar Datta)	8	January 24, 2022	March 18, 2022	March 27, 2022	1/31/2022
25	BioInformatics: Algorithms and Applications (Prof. Michael Gromiha)	12	January 24, 2022	April 15, 2022	April 24, 2022	1/31/2022