



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi
Proposed list of MOOCs (NPTEL June-Dec 2022 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		Aeronautical/ Aerospace Composite Board				
Sl. No.	Name of the Subject & Subject Matter Expert(SME)	Duration in Weeks	Start Date	End Date	Exam Dates	Enrolment End Date
1	UAV Design - Part II Prof. Saderla Subrahmanyam	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
2	Aerodynamic Design of Axial Flow Compressors & Fans Prof. Chetankumar Sureshbhai Mistry	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
3	Space Flight Mechanics Prof. Manoranjan Sinha	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
4	Big Data Computing Prof. Rajiv Misra	8 Weeks	Aug 22, 2022	Oct 14, 2022	Oct 29, 2022	Aug 22, 2022
5	Artificial Intelligence : Search Methods For Problem solving Prof. Deepak Khemani	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
6	Programming, Data Structures And Algorithms Using Python Prof. Madhavan Mukund	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
7	Data Science for Engineers Prof. Rangunathan Rengasamy Prof. Shankar Narasimhan	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
8	Introduction to Machine Learning Prof. Balaraman Ravindran	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
9	Real-Time Systems Prof. Rajib Mall Prof. Durga Prasad Mohapatra	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
10	Global Navigation Satellite Systems And Applications Prof. Arun K. Saraf	4 weeks	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	Aug 1, 2022



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Table 2. List of certifiable courses approved for earning the extra credits by Aeronautical/Aerospace Students (Interdisciplinary)

Sl. No.	Name of the Subject & Subject Matter Expert(SME)	Duration in Weeks	Start Date	End Date	Exam Dates	Enrolment End Date
1	German – I Prof. Milind Brahme	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
2	Data Analysis & Decision Making - III Prof. Raghu Nandan Sengupta	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
3	Fundamentals of Additive Manufacturing Technologies Prof. Sajan Kapil	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
4	Solar Energy Engineering and Technology Prof. Pankaj Kalita	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
5	Cloud Computing Prof. Soumya Kanti Ghosh	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
6	Introduction To Industry 4.0 And Industrial Internet Of Things Prof. Sudip Misra	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
7	The Joy of Computing using Python Prof. Sudarshan Iyengar	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
8	Deep Learning - IIT Ropar Prof. Mitesh M. Khapra Prof. Sudarshan Iyengar	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022