

Format for submission of Bouquet of MOOC's courses

Name of Board - Biotechnology Board, VTU, Belagavi

Sl No	Title of the MOOC's Course	Course Area	Subject Matter Exper (SME)	Course Duration
1	Forests and their management	Biotechnology & Bioengineering	Prof. Ankur Awadhiya	12 Weeks
2	Interactomics : Basics & Applications	Biotechnology & Bioengineering	Prof. Sanjeeva Srivastava	12 Weeks
3	Wildlife Conservation	Biotechnology & Bioengineering	Prof. Ankur Awadhiya	8 Weeks
4	Computational Systems Biology	Biotechnology & Bioengineering	Prof. Karthik Raman	12 Weeks
5	Introduction to Professional Scientific Communication	Biotechnology & Bioengineering	Prof. S. Ganesh	4 Weeks
6	Laser: Fundamentals and Applications	Chemistry	Prof. Manabendra Chandra	8 Weeks
7	Biophysical chemistry	Chemistry	Prof. Pramit Kumar Chowdhury	12 Weeks
8	Ethics in Engineering Practice	Management	Prof. Susmita Mukhopadhyay	8 Weeks
9	Innovation, Business Models and Entrepreneurship	Management	Prof. Rajat Agarwal Prof. Vinay Sharma	8 Weeks
10	Decision-Making Under Uncertainty	Management	Prof. N. Gautam	4 Weeks
Inter- Disciplinary Courses				
11	Essential Mathematics for Machine Learning	Mathematics	Prof. Sanjeev Kumar Prof. S.K. Gupta	8 Weeks
12	Fundamentals Of Artificial Intelligence	Multidisciplinary	Prof. Shyamanta M. Hazarika	12 Weeks
13	Solar Energy Engineering and Technology	Multidisciplinary	Prof. Pankaj Kalita	12 Weeks
14	Energy Resources, Economics and Environment	Humanities and Social Sciences	Prof. Rangan Banerjee	12 Weeks
15	Animal Physiology	Multidisciplinary	Prof. Mainak Das	8 Weeks

16	Soft Skill Development	Humanities and Social Sciences	Prof. Priyadarshi Patnaik Prof. V. N. Giri Prof. D. Suar	8 Weeks
17	Introduction to Environmental Economics	Humanities and Social Sciences	Prof. Diptimayee Nayak Prof. S. P. Singh	12 Weeks
18	Computer Aided Drug Design	Multidisciplinary	Prof. Mukesh Doble	8 Weeks
19	Introduction to Mechanobiology	Multidisciplinary	Prof. Shamik Sen	8 Weeks
20	Material and Energy Balances	Multidisciplinary	Prof. Vignesh Muthuvijayan	12 Weeks