ANNEXURE A

FOLLOWING NPTEL COURSES ARE SUGGESTED FOR THIRD SEMESTER ELECTRONICS & TELECOMMUNICATIONs AND ELECTRONICS & COMMUNICATION ENGINEERING REVISED SCHEME (REVISED COURSE 2019-20)

Sr.No	Course	Number of weeks	Credits
1	Design and analysis of algorithms	8 weeks	2
2	ANIMATIONs	15 weeks	4
3	Numerical methods	8 weeks	2
4	Matrix Analysis with Applications	8 weeks	2
5	Essential Mathematics for Machine Learning	8 weeks	2
6	Introduction to R Software	8 weeks	2
7	Innovation by Design	4 weeks	2
8	Design, Technology and Innovation	8 weeks	2
9	Ethics in Engineering Practice	8 weeks	2
10	Innovation, Business Models and Entrepreneurship	8 weeks	2
11	Marketing research and analysis	8 weeks	2
12	Introduction to Research	8 weeks	2
13	Ecology and Environment	8 weeks	2
14	Developing Soft Skills and Personality	8 weeks	2

Note: The credits will be awarded based scheme proposed above. The student shall submit all the NPTEL/SWAYAM certificates to university through Heads of Department while applying for the degree.