

Don Bosco Institute of Technology						
Department of Basic Sciences & Humanities						
FE - IA II Schedule & Syllabus						
Academic Year 2020-21 ODD Semester						
Sr. No.	Course Code	Course Name	Date of IA-II	Time of IA-II	Faculty Incharge	Syllabus for IA-II
1	FEC101	Engg. Mathematics - I	Friday, April 02, 2021	10 am to 11 am	Dr. Revathy S. Prof. Satyanarayana Nagula Prof. Pallavi Mahadik	Module 3: Partial differentiation- composite functions, Euler's theorem on homogeneous functions of two variables; Module 4: Applications of Partial differentiation- Maxima, Minima and method of Lagrangian Multipliers; Successive Differentiation and Leibnitz theorem
2	FEC102	Engg. Physics-I	Friday, April 02, 2021	2 pm to 2.45 pm	Dr. Vinod Gokarna Prof. Sameer Hadkar	Module 1 : Quantum Mechanics &. Module 3: Semiconductor Physics
3	FEC105	Basic Electrical Engg.	Saturday, April 03, 2021	10 am to 11 am	Prof. Pratibha Dumane Prof. Gejo George	Module 2: Generation of alternating voltage Basic Definitions Average Value RMS Value Phasor and Phase Difference Single Phase AC Series and Parallel Circuits consisting of R, L, C, RLC Combinations Definitions of Real, Reactive and Apparent Power Series and Parallel Resonance Q Factor Numericals based on all above topics.
4	FEC104	Engg. Mechanics	Monday, April 05, 2021	10 am to 11 am	Prof. Sachin Sheravi Prof. Hemant Hogade	Dynamics:- Module 4.4 Projectile Motion Module 5 Kinematics of Rigid Bodies Statics Module 1 Parallel & General force system Module 2 Conditions of equilibrium & Lamis theorem
5	FEC103	Engg. Chemistry -I	Monday, April 05, 2021	2 pm to 2.45 pm	Prof. Kartiki Bhawe	Water (excluding sub-topics covered in IA1), Phase Rule, Aromaticity
						Dr. Vinod Gokarna
						HOD (BSH)