

Don Bosco Institute of Technology						
Department of Basic Sciences & Humanities						
FE - IA I Schedule & Syllabus						
Academic Year 2020-21 ODD Semester						
Sr. No.	Course Code	Course Name	Date of IA-1	Time of IA-1	Faculty Incharge	Syllabus for IA-1
1	FEC101	Engg. Mathematics - I	Monday, March 08, 2021	10 am to 11 am	Dr. Revathy Sundararajan Prof. Satyanarayana Nagula Prof. Pallavi Mahadik	Module 1: Complex Numbers- Demoivre's thm, powers and roots of complex numbers; expressing powers and multiples of trigonometric expressions;. Module 2: Hyperbolic, Inverse Hyperbolic and Logarithmic functions
2	FEC102	Engg. Physics-I	Monday, March 08, 2021	2 pm to 2.30 pm	Dr. Vinod Gokarna Prof. Sameer Hadkar	Crystallography and Superconductivity
3	FEC105	Basic Electrical Engg.	Tuesday, March 09, 2021	10 am to 10.45 am /11 am	Prof. Pratibha Dumanee Prof. Gejo George	Theory and Numericals based on the following topics: KCL KVL Source Transformation Series Parallel Circuits Star-Delta Transformation Mesh Analysis Nodal Analysis
4	FEC104	Engg. Mechanics	Wednesday, March 10, 2021	10 am to 10.45 am /11 am	Prof. Sachin Sheravi Prof. Hemant Hogade	STATICS:Theory and Numericals based on the following topics: Centroid & Centre Of Gravity (Plain & Shaded area) Problems based on- Law of Parallelogram, Triangle law, Concept of Moment & couple DYNAMICS: Module 4 Kinematics of Particles (4.1 Motion with variable acceleration 4.2 Motion diagrams 4.3 Curvilinear Motion 4.4 Projectile Motion)
5	FEC103	Engg. Chemistry -I	Wednesday, March 10, 2021	2 pm to 2.30 pm	Prof. Kartiki Bhawe	: 1) Polymers 2) Water introduction, Concept of Hardness -numericals and theory Edta method -Numericals and theory
						HOD