Don Bosco Institute of Technology

Department of Basic Science & Humanities

Internal Assessment – I Timetable & Syllabus (AY 2022-23 EVEN Semester)

F.E.(All Branches) - SEM II

Date	Time of Commencement	Course Code & Name	Faculty Incharge	Syllabus
17-Apr-23	2.00 Pm-3.00 Pm	FEC201 /Engineering Mathematics - II	1) Prof. Somnath 2) Prof. Sonali J.	**Module 1: Differential Equation of First Order and First Degree** **1.1** Exact differential Equations, Equations reducible to exact form by using integrating factors. **1.2** Linear differential equations , equation reducible to linear form, Bernoulli's equation. **Module 2: Linear Differential Equations with Constant Coefficients and Variable Coefficient of Higher Order** **2.1.** Linear Differential Equation with constant coefficient- complementary function, particular integrals of differential equation of the type $f(D)y = X$ **2.2.** Method of variation of parameters.
18-Apr-23	2.00 Pm-2.45 Pm	FEC202 / Engineering Physics - II	1) Dr. Vinod Gokarna 2) Prof. Sameer Hadkar	Module 2: LASER & Optical Fibre Module 5: Nanotechnology
19-Apr-23	2.00 Pm-2.45 Pm	FEC203 / Engineering Chemistry -II	1) Prof. Kartiki Bhave 2) Prof. Anice M.	1) Green Chemistry 2) Fuels entire topic except combustion analysis
20-Apr-23	2.00 Pm-3.00 Pm	FEC205 / Praogramming in C	1) Prof. Imran M. 2) Prof. Mrudul A.	IA-1 Syllabus: Introduction Introduction to components of a Computer System Introduction to Algorithm and Flowchart Fundamentals of C Programming Keywords, Identifiers, Constants and Variables Data types in C Operators in C Basic Input and Output Operations Expressions and Precedence of Operators In-built Functions Control Structures Introduction to Control Structures, Branching and Looping Constructs. If statement, If-else statement, Nested if-else, else-if Ladder Switch statement break and continue

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