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DEPARTMENT OF MATHEMATICS
National Institute of Technology, Kurukshetra

Mid Term Exam-I
(Internal Reappear Examination)
B.Tech. 3rd Semester: CE, EE, ME/ IEM Branches

Course Title: Subject: Mathematics- III


Course Code: MAT203T (along with MAT201)

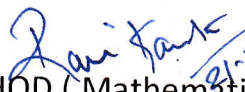
Examination Date & Time: To be decided in consultation with the students

Syllabus

Finite Differences and Interpolation:

Finite differences, Difference operators, Newton's forward and backward interpolation formulae, Gauss forward and backward formulae, Bessel's formulae and Stirling's formulae, Newton Divided difference and Lagrange's interpolation formula for unequal intervals, Numerical differentiation, Numerical integration: Newton-Cote's Quadrature formula (Trapezoidal rule, Simpson's 1/3 and 3/8 rule).


21-09-2020
(Course Coordinator)


21-9-2020
HOD (Mathematics)

Note: The students having re-appear in the above course, may contact to **Dr. Paras Ram** on his e-mail: parasram123@nitkkr.ac.in