

Department of Mathematics
National Institute of Technology Kurukshetra

Mid Term Exam I
(Regular and Reappear students (July 2017 onwards) of **B.Tech 3rd**
Semester ME and CE)

Course Title: Applied Numerical and Statistical Methods

Course Code: MAIR 21

Examination Date: September 30, 2020

Time: 11:00 AM-11.50 AM

Syllabus:

General iterative method-Secant method-Newton Raphson method-nonlinear equations-solution of system of equations-Generalized Newton's method (root of equation-solution of system of equations)—rate of convergence-Gauss Seidal method for system of linear equations-convergence criterion-positive definiteness of a matrix-spectral radius of a method-tridiagonal system of equation-Thomas algorithm-Finite differences.

Naveen Kumar
21.9.2020
Course Coordinator (MAIR 21)

Ravi Kant
21.9.2020
HOD (Mathematics)

Note: The students having reappear in this course, may contact to Dr. Naveen Kumar on his email: navindma@gmail.com