Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur - 441108
Accredited with NAAC A+Grade
Approved by AICTE, New Delhi, Govt .of Maharashtra
(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)

Department of Information Technology
(M. Tech. II Semester)

Course Name MAI21206: Optimization Techniques

MAI21206	Course Outcomes
MAI21206.1	Categorize optimization techniques using linear Programming.
MAI21206.2	Simplify initial basic feasible solution by north, west corner rule, least cost method and Formulation, Optimal solution, Variants of Assignment Problem.
MAI21206.3	Apply Single variable Optimization, multi variable Optimization without constraints, Single Variable Nonlinear Unconstrained Optimization.
MAI21206.4	Interpret Direct search methods, Univariant method, Pattern search methods, Powell's, Hooke Jeeves, Rosenbrock's search methods.
MAI21206.5	Explain dynamic programming, including multistage decision processes, types, sub-optimization, the principle of optimality, and computational procedure.

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