

Objectives and Course Content of Short Term Courses

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| Operational Plan No. | AS-15 |
| Name of the Course | Optimization techniques with Software |
| Objectives of Course | The objective of this course is to give relevant knowledge about optimization techniques, theoretical aspects and their uses in engineering fields. |
| Course Content | The course will cover contents related to- Optimization Techniques- Introduction, Linear Programming Problems, Graphical Method, Simplex Method, etc., Particle swarm optimization, Optimization with MATLAB, Demonstration of LINGO and Mathematica software, Queuing Theory and Use of OT in engineering problems, Numerical illustrations and assessment etc. |
| Name of Course Coordinator with E-mail ID and Contact Number | Dr. KC Lachhwani Kailashclachhwani@yahoo.com 092144-60018 |