

## Objectives and Course Content of Short Term Courses

Operational Plan No.	AS-17
Name of the Course	Integral Transforms with Engineering uses
Objectives of Course	The objective of this course is to provide overview of different Integral Transforms, Laplace Transforms, Fourier Transforms, Melin Transforms, etc. and their applications.
Course Content	The course will cover contents related to- Integral Transforms- Introduction, Types of Integral Transforms, Laplace Transforms and their properties, convolution theorem, Fourier Transforms and their properties, Use of Integral Transforms in solving ordinary and partial differential equations, Overview of MATHEMATICA for Integral Transform, Numerical illustrations and assessment etc.
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