



Industrial Instrumentation

SWAYAM Prabha Course Code – E14

PROFESSOR'S NAME	Prof. Alok Barua
DEPARTMENT	Electrical Engineering
INSTITUTE	Indian Institute of Technology, Kharagpur
COURSE OUTLINE	Besides course outline, it should also indicate if there are any pre-requisites (i.e, prior knowledge) required .
	The main goal of an Industrial Instrumentation course for engineering students are shaped by a variety of applications including control, quality assurance, performance testing, design and research. In this course I have adopted two main objectives: 1) to provide a fundamental background in the theory of Industrial Instrumentation and measurement system performance and 2) to establish the physical principles and practical techniques used to measure those quantities most important for Instrumentation applications. This video course is structured such that the lessons are short and each deals with specific topic either measuring variables or device itself.

COURSE DETAILS

S. No	Module ID/ Lecture ID	Lecture Title/Topic
1	L1	Introduction to Industrial Instrumentation
2	L2	Dynamic Characteristics
3	L3	Dynamic Characteristics (continued)
4	L4	Strain Gauge

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References if

Any: