

Objectives and Course Content of Short Term Courses

O. Plan No.	EE-28
Name of Course	Machine Health Monitoring and Evaluation using IOT
Objectives	<p>This training programme specially designed for Engineering College and Polytechnic Teachers will mainly deal with the different aspects of Machine health monitoring. The course aims to achieve the following objectives:</p> <ul style="list-style-type: none">- To update the knowledge in the emerging and upcoming topics and introduce them to various tools for health monitoring of machines.- To make the teachers aware of the various research techniques in Engineering.
Course Contents	<p>The programme will be designed around the following major topics:</p> <ul style="list-style-type: none">- Principles of condition monitoring- Various faults in electrical machines and methods to curb them- Health Monitoring and Evaluation of Machines- Concept of Internet of Things (IOT).- Application of IOT in health monitoring and evaluation of machines.
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