

## Objectives and Course Content of Short Term Courses

Operational Plan No.	AS-16
Name of the Course	Newer Experiments in Applied Physics
Objectives of Course	The objective of the course is to train teachers from engineering colleges, polytechnic and technical staff from technical institutions to improve applied physics laboratories in their respective institutions. The emphasis, therefore, will be to enable the participants to study in detail and discuss with NITTTR faculty for the improvement and addition of new experiments to be included in the polytechnic and engineering college syllabi.
Course Content	Role of laboratory in physics teaching; Physical world and measurements; Error estimation in measurements; Graphical representation of results; Need and relevance of calibration, quality and testing; Performance of physics experiments; Newer lab. experiments; Use of computers in physics experiments; and field visit etc.
Name of Course Coordinator with E-mail ID and Contact Number	Dr. BC Choudhary <a href="mailto:bakhshish@yahoo.com">bakhshish@yahoo.com</a> , <a href="mailto:bcc1962@nitttrchd.ac.in">bcc1962@nitttrchd.ac.in</a> Ph: 0172-2759556, M: 094175-21382