

### Objectives and Course Content of Short Term Courses

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| Operational Plan No.  | ECE-16   |
| Name of the Course  | Digital communication using MATLAB   |
| Objectives of Course  | The objective of this course is to train and upgrade the faculty and technical staff of various technical institutes in the area of Digital Communication. The Matlab software will be used to enhance the software skills of participants in the area of communication. |
| Course Content  | Digital communication concepts, Communication simulation techniques, MATLAB and Simulink blocksets, Baseband modulation and demodulation in AWGN, BER, constellation plots, Wirless propagation channels, Simulink Blockset for model development.                       |
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