

Write Your Name (Roll Number) (Section)

School of electronics engineering,  KIIT Deemed to be University

**Laboratory record Communication engineering lab (ec 2094) AUTUMN 2020**

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| --- | --- | --- | --- | --- |
| Experiment No. | Aim of the Experiment | Date of Experiment | Date of Submission | Faculty Remarks |
| 01 | Generation and detection of Amplitude Modulation and Demodulation, DSBSC and SSB-SC modulation. |  |  |  |
| 02 | Study of Frequency modulation and Demodulation Techniques. |  |  |  |
| 03 | Generation and detection of PAM, PWM and PPM techniques |  |  |  |
| 04 | Study of Pulse Code Modulation (PCM) and demodulation. Multiplexing of signal using Time Division Multiplexing (TDM) technique. |  |  |  |
| 05 | Generation and detection of Delta modulation Technique |  |  |  |
| 06 | (i) Study of different Data formatting techniques.  (ii)Generation and Detection of Amplitude Shift Keying (ASK) |  |  |  |
| 07 | (i) Generation and Detection of Frequency Shift Keying (FSK).  (ii)Generation and Detection of Binary Phase Shift Keying (BPSK) |  |  |  |
| 08 | Generation and Detection of Quadrature Phase Shift Keying (QPSK). |  |  |  |
| 09 | Open Ended Experiment-1 |  |  |  |
| 10 | Open Ended Experiment-2 |  |  |  |

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| **Experiment Number** |  |
| **Date of Experiment** |  |
| **Date of Submission** |  |
| **Name of the student** |  |
| **Roll Number** |  |
| **Section** |  |

**Aim of The Experiment :-**

**Equipment / Software Required:-**

The Equipment and Software required are as follows:

**Theory**

Brief Theory of the experiment in your own words

**Code:-**

Detail Code

**Output/Graph:-**

Graph with proper heading

**Discussion or Inference of the experiment**

A paragraph discussion or inference of what you learned in your own words

**Conclusion:-**

Detail Conclusion