**18ECC205J ANALOG AND DIGITAL COMMUNICATION LABORATORY**

#### ACADEMIC YEAR: 2022-2023

**NAME:**

**REG.NO:**



###### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**COLLEGE OF ENGINEERING AND TECHNOLOGY SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

###### (Under SECTION 3 of the UGC Act, 1956)

**S.R.M. NAGAR, KATTANKULATHUR – 603203. CHENGALPATTU DISTRICT**

#### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**COLLEGE OF ENGINEERING & TECHNOLOGY SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**



BONAFIDE CERTIFICATE

##### Register No.:

Certified to be the bonafide record of work done by **----------------**of **IIIrd-year B.Tech.** Degree course in the Practical **18ECC205J -ANALOG AND DIGITAL COMMUNICATION LABORATORY** in **SRM Institute of Science and Technology**, Kattankulathur during the academic year 2021-2022

**Staff In-Charge**

##### Date: Head of the Department

Submitted for University Examination held on **2022** at **SRM Institute of Science and Technology**, Kattankulathur.

##### Date: Internal Examiner I Internal Examiner II

**Name:** **Class:**

**Reg.No:**  **Branch:** ECE

|  |  |  |  |
| --- | --- | --- | --- |
| **Exp. No.** | **Date of Performance** | **Title of Experiment** | **Marks Obtained**  **(30)** |
| 1 | 16-07-2021 | Amplitude Modulation and Demodulation. | 26 |
| 2 | 26-07-2021 | DSB-SC Modulation and Demodulation. | 25 |
| 3 | 03-08-2021 | Frequency Modulation and Demodulation | 27 |
| 4 | 10-08-2021 | Pre-emphasis and De-emphasis | 27 |
| 5 | 17-08-2021 | PAM,PPM,PWM modulation and demodulation | 27 |
| 6 | 24-08-2021 | Pulse code Modulation and Demodulation | 28 |
| 7 | 02-09-2021 | DPCM and Demodulation | 26 |
| 8 | 15-09-2021 | DM and Demodulation | 25 |
| 9 | 21-09-2021 | PSK modulation and Demodulation | 25 |
| 10 | 28-09-2021 | QPSK modulation and Demodulation | 25 |
| 11 | 05-10-2021 | DPSK modulation and Demodulation | 25 |
| 12 | 05-10-2021 | BER performance analysis of various modulation schemes. | 25 |
| 13 | 20-10-2021 | Mini Project | 18 |