GOVERNMENT ARTS COLLEGE (GRADE-I)

ARIYALUR–621713

## PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE



**M.Sc., COMPUTER SCIENCE**

**2025 – 2026**

# RECORD NOTE BOOK

**PROGRAMMING WITH PYTHON & R**

**Name : \_\_\_\_\_**

**RegisterNumber : \_\_\_\_\_**

**Class : \_\_\_\_\_**

**GOVERNMENT ARTS COLLEGE (GRADE-I)**

**ARIYALUR**–621713

## PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE



**CERTIFICATE**

Name :

Reg. No :

Class :

Subject :

SubjectCode :

Bonafide record of the work done at the Department of Computer Science in Government Arts College, Ariyalur during the academic year 2025 –2026.

## Staff in Charge Head of the Department

Submitted for the M.Sc., Degree Practical Examination held at Government Arts College, Ariyalur on .

**Internal Examiner External Examiner**

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| **PROGRAMMIN USING PYTHON** | | | | | | | | |
| 1. | |  | | Decision Making and Looping statements. | |  | |  | |
| 2. | |  | | Function Definition & Function call. | |  | |  | |
| 3. | |  | | Create and Access Lists. | |  | |  | |
| 4. | |  | | Built-In Tuple Functions. | |  | |  | |
| 5. | |  | | Create and Access Dictionaries. | |  | |  | |
| 6. | |  | | Files and Exceptions. | |  | |  | |
| **PROGRAMMING USING R** | | | | | | | | | |
| 1. |  | | Loops With Different Examples. | |  | |  | | |
| 2. |  | | Implement Data Frames in R. | |  | |  | | |
| 3. |  | | Implement Different Data Structures in R (Vectors, Lists, Data Frames) | |  | |  | | |
| 4. |  | | Read & Analyse CSV FIle | |  | |  | | |
| 5. |  | | Pie charts and Bar charts using R. | |  | |  | | |