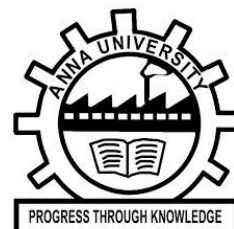


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2nd Semester

COMMON TO ALL DEPARTMENT

All 2nd Semester Subjects

| | |
|--|--|
| <u>Professional English - II - HS3252</u> | <u>Engineering Graphics - GE3251</u> |
| <u>Statistics and Numerical Methods - MA3251</u> | <u>Physics for Electronics Engineering - PH3254</u> |
| <u>Physics for Electrical Engineering - PH3202</u> | <u>Physics for Civil Engineering - PH3201</u> |
| <u>Materials Science - PH3251</u> | <u>Basic Electrical and Electronics Engineering - BE3251</u> |
| <u>Physics for Information Science - PH3256</u> | <u>Basic Civil and Mechanical Engineering - BE3255</u> |
| <u>Basic Electrical and Instrumentation Engineering - BE3254</u> | <u>Electric Circuit Analysis (Circuit Theory) - EE3251</u> |
| <u>Programming in C - CS3251</u> | <u>Circuit Analysis - EC3251</u> |
| <u>Data Structures Design - AD3251</u> | |



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Course Code/Name : CS3251 –PROGRAMMING IN C
Regulation 2021

UPC – Student Planner

| Slot | Unit .No | Name of the Unit | Questions | CO Mapping | Grade | |
|------|----------|-------------------------|--|------------|----------------------------|-------------|
| | | | | | A | B |
| 1 | IV | Structures and Union | 1. Storage classes 2. Dynamic memory allocation 3. Structures and nested structures 4. Pointers and structures, Array of structures 5. Union 6. Self referential structure 7. Singly linked list 8. Typedef | C106.4 | 1 2 3 4 5 6 | 7 8 |
| 2 | V | File Processing | 1. File and types of file processing 2. Sequential access file 3. Random access file 4. Command line arguments 5. File programs(Copy ,compare , read character one by one, count no of words ,lines, characters) 6. Transaction Process Management program | C106.5 | 1 3 4 5 | 2 6 |
| 3 | III | Functions and Pointers | 1. Parameter passing methods 2. Function prototypes 3. Explain about function declaration and types of function 4. Recursion , binary search using recursive function 5. Pointers , Array and Pointers,Array of Pointers 6. Pointer arithmetic and pointer operators | C106.3 | 1 2 3 4 5 | 6 |
| 4 | II | Arrays and Strings | 1. String Operations 2. Binary and linear search and selection sort programs 3. Arrays Declaration and initialization 4. One and Two dimensional array 5. Mean ,median and mode programs and matrix programs | C106.2 | 1 2 3 4 | 5 |
| 5 | I | Basics of C programming | 1. Decision making statements , Switch 2. Looping Statements 3. Preprocessor directive 4. Structure of C program 5. Operators and precedence of operators 6. Data Types 7. Constant , Enumeration Constant , Keywords 8. Input and output statements ,expressions | C106.1 | 1 2 3 4 5 | 6 7 8 |
| 6 | 1-5 | - | PART A QUESTIONS | | | |

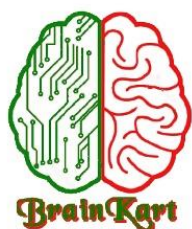
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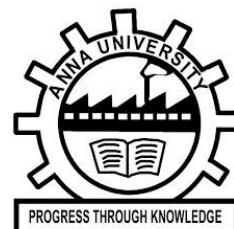
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