



(B.A.) (Arts)
 (B.A.) (Programme Name) Semester (II)

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| Course Code | UA02GCAP51 | Title of the Course | Programming Language C and Presentation Package. |
| Total Credits of the Course | 4 | Hours per Week | 4 (Theory) + 2 (Practical per Batch) |

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| Course Objectives: | <ol style="list-style-type: none"> 1. To study the fundamental concepts of algorithm and flowchart development. 2. To learn the basics of logic development. 3. To acquire basic knowledge on structured programming. 4. To learn the fundamentals of a presentation package. |
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| Course Content | | |
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| Unit | Description | Weightage* (%) |
| 1. | Concept of Algorithm and Flow Chart Development. <ul style="list-style-type: none"> • Requirement of Algorithm and Flow Chart, Definition. • Symbols Used to Draw Flow Chart. • Examples of Flow Chart and Algorithms. • Language Fundamental: High-low level Languages, Machine Languages Translator. Interpreter, Compiler | 25% |
| 2. | Logic Development. <ul style="list-style-type: none"> • Problem Analysis. • Variables, Expression & Its Manipulation. • Data Types in High Level Languages, Operators. • I/O Statement, Assignment Statement. | 25% |
| 3. | Structured Programming. <ul style="list-style-type: none"> • Control Strategies. • Condition and Loop Statements. • Method of Structured Programming. Subroutines. • Function Calling. | 25% |
| 4. | Presentation Package <ul style="list-style-type: none"> • Introduction of Powerpoint Presentation – 2010. • Tips to Make an Effective Presentation. • Creating Presentation, Save, Print • Inserting Chart, Smart Art, Image, Video, Table etc. • Slide Animation, Slide Transition, Slide Master. • Learning Various Types of Slide View, Slide Show Setup. | 25% |

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| Teaching-Learning | Theory (50%) + Practical (50%) Practical: Practical are based on above cited units. Two hours practical |
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| Methodology | work per week per batch. |
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| Evaluation Pattern | | |
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| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written / Practical Examination (As per CBCS R.6.8.3) | 15% |
| 2. | Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3) | 15% |
| 3. | University Examination | 70% |

| Course Outcomes: Having completed this course, the learner will be able to | |
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| 1. | <ul style="list-style-type: none">• Understand the Algorithm and Flow Charts• Understand Basic Programming Languages. |
| 2. | <ul style="list-style-type: none">• Identify and understand the Problem Analysis.• Understand the Variables and Data Types of C• Understand the Operators, I/O and Assignment Statements of C• Make small Programs of C |
| 3. | <ul style="list-style-type: none">• Understand the concept Structured Programming.• Understand the use Various Conditional Statements and Control Structure of C.• Understand Subroutines and Function Calling using Small Programs. |
| 4. | <ul style="list-style-type: none">• Understand the concept of Power Point Presentation.• Slide creation, editing & formatting• Understand different facilities available to make Presentation attractive. |

| Suggested References: | |
|-----------------------|---|
| Sr. No. | References |
| 1. | C programming By: Rajaraman |
| 2. | Computer course windows 7 and office 2010 by R.K. Taxali Publisher Tata McGrawHill. |
| 3. | Microsoft Office 2010 training guide By Prof. Satish Jain and M Geeta BPB Publication |





On-line resources to be used if available as reference material

On-line Resources

https://www.youtube.com/watch?v=OC0L1_BGQNE

<https://www.youtube.com/watch?v=xu9ZN2znMuM>

https://www.youtube.com/watch?v=U8_8fTODn5g

https://www.youtube.com/watch?v=ZSPZob_1TOk

<https://www.youtube.com/watch?v=vjvN1TrCnko>

<https://www.youtube.com/watch?v=DunMU8oY4IU>

<https://www.youtube.com/watch?v=OekrBhNybP0>

