

B.C.A (Computer Application)
(For the candidates admitted from. 2013.... Onwards)

| SEM | CODE | TITLE OF THE PAPER | INSTRUCTIONAL HOURS | CREDIT POINTS | EXAM DURATION | MARKS | | MAX |
|------------|--|---|---------------------|---------------|---------------|-------|-----|-----|
| | | | | | | CIA | ESE | |
| I | 13UTAM101/ 13UHIN101/ 12UFRE101 | Tamil/Hindi/French Paper-I | 6 | 3 | 3 | 30 | 70 | 100 |
| | 13UGEN101/ 13UAEN101 | General English Paper-I/Advanced English-I | 6 | 3 | 3 | 30 | 70 | 100 |
| | 13UCA1C01 | C and Data Structures | 4 | 4 | 3 | 30 | 70 | 100 |
| | 13UCA1CP1 | Core Lab I – C, PC Software and Internet | 6 | 4 | 3 | 40 | 60 | 100 |
| | 12UMC1A03 | Allied I – Computer Oriented Numerical Methods and Statistics | 6 | 5 | 3 | 30 | 70 | 100 |
| | 12UVAL101 | Value Education | 2 | 2 | 2 | - | 50 | 50 |
| II | 13UTAM202/ 12UHIN202/ 12UFRE1202 | Tamil/Hindi/French Paper-II | 6 | 3 | 3 | 30 | 70 | 100 |
| | 13UGEN202/ 13UAEN202 | General English Paper-II/Advanced English-II | 6 | 3 | 3 | 30 | 70 | 100 |
| | 12UCA2C02 | Digital Fundamentals and Computer Architecture | 4 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA2C03 | C++ Programming | 3 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA2CP2 | Core Lab II – C++ | 3 | 4 | 3 | 40 | 60 | 100 |
| | 12UMC2A08 | Allied II: Computer Based Optimization Techniques | 6 | 5 | 3 | 30 | 70 | 100 |
| | 12UENS201 | Environmental studies | 2 | 2 | 2 | - | 50 | 50 |
| III | 12UCA3C04 | Operating System | 5 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA3C05 | Software Engineering | 5 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA3C06 | Relational Database Management System Tool | 5 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA3CP3 | Core Lab III – RDBMS Tool | 4 | 4 | 3 | 40 | 60 | 100 |
| | 12UBA3A03 | Allied III- Financial and management Accounting | 6 | 5 | 3 | 30 | 70 | 100 |
| | 13UBTA301/ 13UATA301/ 12UNMG301 12UNME301 | Basic Tamil/Advanced Tamil/Non-major Elective (General Awareness) | 2 | 2 | 3 | - | 75 | 75 |

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|-----------|---|---|------------|------------|---|----|----|-------------|
| | 12UCA3SB1 | Skilled based Elective – I(Computer Hardware Maintenance Lab) | 3 | 2 | 3 | 40 | 60 | 100 |
| IV | 12UCA4C07 | Graphics and Multimedia | 6 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA4C08 | Java Programming | 6 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA4CP4 | Core LAB IV-Java and Multimedia | 7 | 4 | 3 | 40 | 60 | 100 |
| | 12UBM4A04 | Allied IV : Marketing Management | 6 | 5 | 3 | 30 | 70 | 100 |
| | 13UBTA402/ 13UATA402/ 12UNME402/ 12UNMG402 | Basic Tamil/Advanced Tamil/Non-major Elective (Human Rights) | 2 | 2 | 3 | - | 75 | 75 |
| | 12UCA4SB2 | Skilled based Elective– II (DTP and Web Designing Lab) | 3 | 2 | 3 | 40 | 60 | 100 |
| V | 12UCA5C09 | Visual Basic. NET | 5 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA5C10 | Computer Networks | 4 | 4 | 3 | 30 | 70 | 100 |
| | 12UCA5E01 | Elective: Data Mining | 5 | 5 | 3 | 30 | 70 | 100 |
| | 12NCA5E02 | Elective: Inter Disciplinary - Multimedia | 4 | 5 | 3 | 30 | 70 | 100 |
| | 12UCA5CP5 | Core Lab V- Visual Basic.Net | 6 | 4 | 3 | 40 | 60 | 100 |
| | 14UCA5SB3 | Skilled based Elective – III(Advanced JAVA Programming Lab) | 3 | 2 | 3 | 40 | 60 | 100 |
| | | Skilled based Elective – IV | 3 | 2 | 3 | 30 | 70 | 100 |
| VI | 12UCA6C11 | Web Technology | 5 | 3 | 3 | 30 | 70 | 100 |
| | 15UCA6C12 | Client/Server Techniques | 5 | 3 | 3 | 30 | 70 | 100 |
| | 16UCA6CP6 | Core Lab VI: ASP.NET | 3 | 2 | 3 | 40 | 60 | 100 |
| | 14UCA6E03 | Elective: Cyber Security | 5 | 4 | 3 | 30 | 70 | 100 |
| | 16UCA6SB4 | Skilled based Elective – V (PHP Programming Lab) | 3 | 2 | 3 | 40 | 60 | 100 |
| | | Skilled based Elective – VI | 3 | 2 | 3 | 30 | 70 | 100 |
| | 16UCAPVV | Project (From 2013 onwards) | 6 | 5 | 3 | 50 | 50 | 100 |
| | | Extension Activities | | 1 | | | | 50 |
| | | Total | 180 | 140 | | | | 3900 |

Inter Disciplinary Elective offered by the Department

12UCA5E02 – Multimedia

Skill Based Subject offered by the Department

Web Designing Using HTML