**MASTER DEGREE PROGRAMMES**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl no** | **Subject** | **Duration** | **Mode** |
| **01** | **Assamese** | **2 Years** | **4 Semesters** |
| **02** | **English** | **2 Years** | **4 Semesters** |
| **03** | **Economics (MA/MSc)** | **2 Years** | **4 Semesters** |
| **04** | **History** | **2 Years** | **4 Semesters** |
| **05** | **Political Science** | **2 Years** | **4 Semesters** |
| **06** | **Mathematics (MA/MSc)** | **2 Years** | **4 Semesters** |
| **07** | **M.Com** | **2 Years** | **4 Semesters** |
| **08** | **Bengali** | **2 Years** | **4 Semesters** |
| **09** | **M.Sc (IT)** | **2 Years** | **4 Semesters** |
| **10** | **MCA** | **3 Years** | **6 Semesters** |
| **11** | **Education** | **2 Years** | **4 Semesters** |
| **12** | **Sanskrit** | **2 Years** | **4 Semesters** |
| **13** | **Philosophy** | **2 Years** | **Yearly (Previous and Final)** |
| **14** | **Bodo** | **2 Years** | **Yearly (Previous and Final)** |
| **15** | **Nepali** | **2 Years** | **Yearly (Previous and Final)** |
| **16** | **Master of Communication & Journalism (MCJ)** | **2 Years** | **Yearly (Previous and Final)** |

**POST GRADUATE DIPLOMA PROGRAMMES (SEMESTER PROGRAMME)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl no** | **Subject** | **Duration** | **Mode** |
| **01** | PG Diploma in Sales and Marketing Management (PGDSMM) | **1 Year** | **2 Semesters** |
| **02** | PG Diploma in Human Resource Management (PGDHRM) | **1 Year** | **2 Semesters** |
| **03** | PG Diploma in Business Management (PGDBM) | **1 Year** | **2 Semesters** |
| **04** | PG Diploma in Financial Management (PGDFM) | **1 Year** | **2 Semesters** |
| **05** | PG Diploma in Insurance and Risk Management (PGDIM) | **1 Year** | **2 Semesters** |
| **06** | PG Diploma in Banking and Financial Services (PGDBFS) | **1 Year** | **2 Semesters** |
| **07** | PG Diploma in Computer Application (PGDCA) | **1 Year** | **2 Semesters** |
| **08** | PG Diploma in Journalism and Mass Communication (PGDJMC) | **1 Year** | **2 Semesters** |

**UNDERGRADUATE COURSES**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl no** | **Subject** | **Duration** | **Mode** |
| **01** | **BCA** | **3 Years** | **6 Semesters** |
| **02** | **B.SC IT** | **3 Years** | **6 Semesters** |

**CERTIFICATE COURSE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl no** | **Subject** | **Duration** | **Mode** |
| **01** | **Certificate in Computer Applications (CCA),** | **6 Months** | **1 Semester** |

**M.A. IN ASSAMESE**

**Total Mark for each paper: 80 (Examination 64; internal 16)**

|  |  |  |  |
| --- | --- | --- | --- |
| Semester I | | Semester II | |
| 1.1 | History of Assamese Literature (Early and Medieval Period) | 2.1 | History of Assamese Literature (Modern Period) |
| 1.2 | Assamese Poetry | 2.2 | Assamese Drama |
| 1.3 | Eastern Literary Criticism | 2.3 | Western Literary Criticism |
| 1.4 | Culture of Assam | 2.4 | Literary Theory and Trends |
| 1.5 | Introduction to Linguistics | 2.5 | Introduction to Sanskrit Literature |
| Semester III | | Semester IV  (Students are required to choose any of the following group as per chosen course 3.5) | |
| 3.1 | Assamese Prose | 4.1 | Group A: Bhakti Literature  Group B: Middle Indo-Aryan Texts |
| 3.2 | Assamese Novel | 4.2 | Group A: Sanskrit Literature  Group B: Comparative Grammar of Indo-Aryan Language |
| 3.3 | Assamese Short Story | 4.3 | Group A:Western Literature  Group B:Historical Development of Assamese Language and its Present Structure |
| 3.4 | Script and Textual Criticism | 4.4 | Group A: Study of Indian Literature  Group B: Socio- Linguistics, Dialectology and Dialects of Assamese Language |
| 3.5 | (Students are required to choose any of the following group)  Group A: Comparative Literature and Translation Studies  Group B: Linguistics and Its Fields of Study | 4.5 | Group A: Selected texts of Special Author  Group B: Tibeto-Burman Languages and Linguistics |

**M.A. IN ENGLISH**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semester I | | | Semester II | | |
| PAPER I | Literature and Social History I: Medieval to the Renaissance | | PAPER VI | | Literature & Social History II – The Modern to the Post Modern |
| PAPER II | Poetry I : Chaucer to the Neoclassical poets | | PAPER VII | | Theory II: Romantic & Victorian theory & Criticism |
| PAPER III | Fiction I: The Novel in the 18th and 19th Centuries | | PAPER VIII | | Poetry II : Romantic Poetry |
| PAPER IV | Non-Fictional Prose | | PAPER IX | | Fiction II : 19th to the 20th Century |
| PAPER V | Theory I: Classical and Neo-classical Criticial Theories | | PAPER X | | Drama I : Renaissance Drama |
| Semester III | | | Semester IV | | |
| PAPER XI | | Fiction III : The 20th Century | PAPER XVI | Contemporary Indian Writing in English I | |
| PAPER XII | | Drama II: Modern Drama | PAPER XVII | Contemporary Indian Writing in English II | |
| PAPER XIII | | Theory III: 20th Century Criticism | PAPER XVIII | Contemporary Indian Writing in English III | |
| PAPER XIV | | Poetry III: Victorian Poetry | PAPER XIX | European I | |
| PAPER XV | | Poetry IV: Modern Poetry | PAPER XX | European II | |

**M.A. /M.Sc. IN ECONOMICS**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semester I | | | Semester II | | |
| PAPER I | Micro-economic Theory | | PAPER V | | Advanced Microeconomics |
| PAPER II | Macro-economic Theory-I | | PAPER VI | | Macro-economic Theory-II |
| PAPER III | Mathematical Methods for Economic Analysis-I | | PAPER VII | | Mathematical Methods for Economic Analysis- II |
| PAPER IV | Statistical Methods for Economic Analysis | | PAPER VIII | | Elementary Economatrics |
| Semester III | | | Semester IV | | |
| PAPER IX | | Development Economics-I | PAPER XIII | Development Economics- II | |
| PAPER X | | International Economics | PAPER XIV | Public Finance-II | |
| PAPER XI | | Issues in Indian Economy | PAPER XV/XVI | 1. Population and Human Resource Development      1. Econometric Methods 2. Environmental Economics      1. Financial System | |
| PAPER XII | | Public Finance-I |

**M.A. IN HISTORY**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Semester I | | | Semester II | | |
| PAPER I | Historical Methods | | PAPER V | | History of China (1839-1949) |
| PAPER II | History of Assam (circa 5th to 1228 AD) | | PAPER VI | | History of Assam (1228-1826) |
| PAPER III | History of USA (1783-1919) | | PAPER VII | | Gr. A. State formation in Ancient India  Gr. C. British Rule in India (1757-1857) |
| PAPER IV | Indian National Movement | | PAPER VIII | | Gr. A. Agriculture, Trade and Urbanization in Early India  Gr. C. Economic History of Modern India (1757-1947) |
| Semester III | | | Semester IV | | |
| PAPER IX | | History of Assam (1826-1947) | PAPER XIII | International Relations (1871-1939) | |
| PAPER X | | History of Modern Japan (1852-1941) | PAPER XIV | Gr. A. Social History of Ancient India from the Earliest time to 1206  Gr. C. Social History of Modern India | |
| PAPER XI | | Gr. A. Aspects of Indian Art and Architecture  Gr. C. Peasants’ and Workers’ Resistance in Modern India | PAPER XV | Indian’s Foreign Relation since 1947 (Elective) | |
| PAPER XII | | International relation since 1939 | PAPER XVI | Gender History | |

**M.A. IN POLITICAL SCIENCE**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |
| --- | --- | --- | --- |
| SEMESTER I | | SEMESTER II | |
| PAPER I | Political Theory (I) | PAPER V | Political Theory (II) |
| PAPER II | International Politics: Theoretical Aspects | PAPER VI | International Relations in the Contemporary Period |
| PAPER III | Politics in India (I) | PAPER VII | Politics in India (II) |
| PAPER IV | Public Administration : Theories and Concepts | PAPER VIII | Indian Administration |
| SEMESTER III | | SEMESTER IV | |
| PAPER IX | Comparative Politics | PAPER XIII |  |
| PAPER X | Rural Development in India | PAPER XIV |  |
| PAPER XI | Political Sociology | PAPER XV |  |
| PAPER XII | Government and Politics in North East India | PAPER XVI |  |

**M.A./M.Sc. IN MATHEMATICS**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SEMESTER I | | SEMESTER II | | |
| PAPER M101 | Real and Lebesgue Measure | PAPER M201 | | Complex Analysis |
| PAPER M102 | Topology | PAPER M202 | | Functional Analysis |
| PAPER M103 | Algebra | PAPER M203 | | Hydrodynamics |
| PAPER M104 | Differential Equation | PAPER M204 | | Mathematical Methods |
| PAPER M105 | Tensors and Mechanics | PAPER M205 | | Operation Research |
| SEMESTER III | | SEMESTER IV | | |
| PAPER M301 | Computer Programming in C (theory and Practical) | PAPER M401 | Graph Theory | |
| PAPER M302 | Number Theory | PAPER M402 | Numerical Analysis | |
| PAPER M303 | Continuum Mechanics | PAPER M403 | Functional Analysis II/Fluid Dynamics | |
| PAPER M304 | Algebra II/Space Dynamics | PAPER M404 | Mathematical Statistics/Dynamical System | |
| PAPER M305 | Special Theory of Relativity/Mechanical Logic | PAPER M405 | Fuzzy sets and their applications/General Theory of Relativity and Cosmology | |

**M.Com. (MASTER OF COMMERCE)**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SEMESTER I | | SEMESTER II | | |
| PAPER 1.1 | **Business Policy Analysis** | PAPER 2.6 | | Economic Legislations |
| PAPER 1.2 | Financial Analysis | PAPER 2.7 | | Organizational Behaviour |
| PAPER 1.3 | Marketing Policy Analysis | PAPER 2.8 | | Operations Research & Computer in Business |
| PAPER 1.4 | Business Statistics | PAPER 2.9 | | A Financial Management and Control, or  B: Human Resource Planning & Management |
| PAPER 1.5 | Financial Markets | PAPER 2.10 | | A Security Analysis & Portfolio Management, or  B: Marketing Research & Consumer Behaviour |
| SEMESTER III | | SEMESTER IV | | |
| PAPER 3.11 | **Research Methodology** | PAPER 4.16 | **Strategic Management.** | |
| PAPER 3.12 | Project Management | PAPER 4.17 | Marketing of Services | |
| PAPER 3.13 | Entrepreneurship Management | PAPER 4.18 | Financial Services | |
| PAPER 3.14 | A: International Financial Management  OR  B: Industrial Relations & Labour Laws | PAPER 4.19 | Tax Planning | |
| PAPER 3.15 | A: Advanced Cost and Management Accounting or  B: International Marketing | PAPER 4. 20 | Micro Finance | |
|  |  | PAPER 4.21 | International Business | |

**M.A. IN PHILOSOPHY**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |
| --- | --- | --- | --- |
| Previous Year | | Final Year | |
| PAPER I | Indian Philosophy | PAPER VI | Contemporary Indian Philosophy |
| PAPER II | Western Classical Philosophy | PAPER VII | Theory of knowledge |
| PAPER III | Contemporary Western Philosophy | PAPER VIII | Public Enterprise and Management |
| PAPER IV | Ethics | PAPER IX and X:Choose any one of the Groups | |
| PAPER V | Logic | GROUP A | Logic  Logic |
|  |  | GROUP B | Philosophy of Religion  Comparative Religion |

**M.A. IN BENGALI**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |
| --- | --- | --- | --- |
| SEMESTER I | | SEMESTER II | |
| PAPER I | Prasin U Madhey Juger Bangla Itihaser Itihas U Kavya | PAPER V | 19 Bingso Satoker Kavya U Kabita |
| PAPER II | Adhunik Bangla Sahityar Itihas | PAPER VI | 19 Bingso Satoker Natak |
| PAPER III | Adhunik Bangla Kavya U Natoker Itihas | PAPER VII | 19 Bingso Satoker Upanyas U Soto Golpo |
| PAPER IV | Madhyo Juger Kavya Kabita | PAPER VIII | 19 Bingso Satoker Prabondho |
| SEMESTER III | | SEMESTER IV | |
| PAPER IX | Prasyo U Passyatyer Sahitya Tattva | PAPER XIII | Rabindra Sahitya |
| PAPER X | Baisnov U Sakta Sahitya | PAPER XIV | Pradesik Sahitya |
| PAPER XI | Adhunik Sahitya-1 | PAPER XV | Madhya Bharatiya Arjya Bhasara Udvob, Bikas, Baisistya U Sahitya |
| PAPER XII | Adhunik Sahitya-2 | PAPER XVI | Bangla Bhasar Udvob, Bikas, Baisistya U Sahitya |

**M. A. IN BODO**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |
| --- | --- | --- | --- |
| Previous Year | | Final Year | |
| PAPER I | Poetry | PAPER V | Fictional Prose |
| PAPER II | Drama | PAPER VI | Cultural History of Assam |
| PAPER III | Non-fictional prose and critical study of Assamese Literature | PAPER VII | Comparative study of Bodo and Assamese |
| PAPER IV | Associate Literature of Assam and elements of Linguistics | PAPER VIII | Phonetics, Phonemics, Morphemics and Growth and Structure of the Bodo Language |

**M. A. IN NEPALI**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

|  |  |  |  |
| --- | --- | --- | --- |
| Previous Year | | Final Year | |
| PAPER I | History of Nepali Literature | PAPER VI | Nepali Non- Fiction |
| PAPER II | Linguistics & Study of Nepali Language | PAPER VII | Nepali Culture and Folklore Literature |
| PAPER III | Nepali Poetry | PAPER VIII | Literary Theory and criticism with special reference to Nepali Literature |
| PAPER IV | Nepali Drama | PAPER IX | Sanskrit and Comparative Indian Literature |
| PAPER V | Nepali Fiction | PAPER X | Survey of Regional Assamese and European Literature |

**MASTER IN COMMUNICATION & JOURNALSIM (MCJ)**

**Total Mark for each paper: 100 (Examination 80; internal 20)**

*(No internal mark for Paper XII)*

|  |  |  |  |
| --- | --- | --- | --- |
| Previous Module (PGDJMC) | | Final Year | |
| PAPER I | Introduction to Mass communication | PAPER VII | Media Management |
| PAPER II | Journalism (Reporting / Editing) | PAPER VIII | Electronic Media |
| PAPER III | Advertising | PAPER IX | Development Communication & Communication Research |
| PAPER IV | Public Relations | PAPER IX | Opinion Writing |
| PAPER V | Emarging Trends in Mass Communication | PAPER XI | Media Laws & Ethics |
| PAPER VI | Projects/Practical | PAPER XII | Dissertation & Comprehensive Viva |

**M.A. in SANSKRIT**

**Total Mark for each paper: 80 (Examination 64; internal 16)**

|  |  |  |  |
| --- | --- | --- | --- |
| SEMESTER I | | SEMESTER II | |
| PAPER I | Rksamhita  An Introduction to the Rksamhita  An idea of Vedic accents | PAPER I | Siddhantakamudi  Prakritaprakasa  Functional Sanskrit |
| PAPER II | Nirukta  Rkpratisakhya,Gayatri, Usnik, Anustup  Essay in Sanskrit | PAPER II | Kadambari  Pancatantra |
| PAPER III | Manusmriti  Bhaisajyaratnavali | PAPER III | Uttararamacarita  Sahityadarpana |
| PAPER IV | Tarkabhasa  Vedantasara | PAPER IV | Introduction to the Brahmana literature with special reference to the Aitareya, Samkhyana and Satapatha Brahmana  Introduction to the Aranyaka literature  Mundakopanisad |
| PAPER V | Meghaduta  Pratimanataka  Chandomanjari | PAPER V | General Introduction to the Puranas with special reference to the Kalikapurana  An Introduction to the Ramayana  The Mahabharata |
| SEMESTER III | | SEMESTER IV | |
| PAPER I | VYAKARANA | PAPER I | PHILOLOGY & GRAMMAR |
| PAPER II | HISTORY OF CLASSICAL SANSKRIT  LITERATURE | PAPER II | HISTORY OF SCIENTIFIC LITERATURE IN ANCIENT INDIA |
| PAPER III | Gr. A. DRAMA  Gr. B. RGVEDA SAMHITA  Gr. C. VEDANTA PHILOSOPHY | PAPER III | Gr. A. DHVAYALOKA & KAVYAPRAKASA  Gr. B. ATHARVAVEDA SAMHITA  Gr. C. SAMKHYA AND CONTEMPORARY PHILOSOPHY |
| PAPER IV | Gr. A. KAVYA  Gr. B. HISTORY OF VEDANGAS, PRATISAKHYAS AND ALLIED VEDIC TEXTS  Gr. C. NASTIKA PHILOSOPHY | PAPER IV | Gr. A. HARSACARITA & DASAKUMARACARITA  Gr. B. SRAUTA & GRHYA RITUAL AND VEDIC CULTURE  Gr. C. YOGA PHILOSOPHY & GITA |
| PAPER V | Gr. A. DRAMATURGY AND POET  Gr. B. SUKLA YAJURVEDA, VEDIC INDOLOGISTS AND COMMENTATORS  Gr. C. MIMAMSA AND HISTORY OF INDIAN PHILOSOPHY | PAPER V | Gr. A INSCRIPTION,  ARTHASASTRA AND  MODERN SANSKRIT  Gr. B. INTRODUCTION TO UPANISADS AND  GAUTAMA DHARMASUTRA  Gr. C. VEDANTA  PHILOSOPHY |

**M.A. in EDUCATION**

**Total Mark for each paper: 80 (Examination 64; internal 16)**

*(No internal mark for Paper XV)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SEMESTER I | | | SEMESTER II | | | |
| PAPER I | Sociology of Education |  | PAPER VI | | Social Dynamics |  |
| PAPER II | Advanced Educational Psychology |  | PAPER VII | | Measurement and Evolution of Education |  |
| PAPER III | Educational Technology |  | PAPER VIII | | Problems and Issues in Indian Education |  |
| PAPER IV | Comparative Education |  | PAPER IX | | a. Abnormal Psychology b. Developmental Psychology |  |
| PAPER V | Method and Techniques of Teaching |  | PAPER X | | Open and Distance Education |  |
| SEMESTER III | | | SEMESTER IV | | | |
| PAPER XI | Methodology of educational Research | | PAPER XVI | Philosophy of Education | | |
| PAPER XII | Statistics in Education | | PAPER XVII | Theories of Education | | |
| PAPER XIII | Teacher in Education | | PAPER XVIII | Environmental and Population Education | | |
| PAPER XIV | Educational Planning and Management | | PAPER XIX | Guidance and Counseling | | |
| Optional (B): Economics of Education | | |
| PAPER XV | Laboratory Practical | | PAPER XX | Project | | |

**M. Sc in Information Technology (M.Sc-IT)**

T: Theory (Pass Mark: 35%)

P: Practical (Pass Mark: 40%)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SEMESTER I | | | | | SEMESTER II | | | |
| **Paper Code** | | **Paper Name** | | **Credits/Mark** | **Paper Code** | | **Paper Name** | **Credits/Mark** |
| No.  IT-01 | | Fundamentals of Computers | | 3/100 | IT-07 | | Database Management System | 4/  T: 70  P: 30 |
| IT-02 | | Introduction to Programming | | 4/  T: 70  P: 30 | IT-12 | | Data Structure and Algorithm | 4/  T: 70  P: 30 |
| IT-03 | | Digital Logic | | 3/  100 | IT-13 | | Computer Organization& Architecture | 4/100 |
| IT-05 | | Communication Skills & Technical Writing | | 2/50 | IT-27 | | Web Technologies | 4/  T: 70  P: 30 |
| IT-11 | | Mathematical Foundations of Computer  Science | | 3/100 | IT-10 | | Management and Accounting | 3/100 |
| SEMESTER III | | |  | | SEMESTER IV | | |  |
| **Paper Code** | **Paper Name** | | **Credits/Mark** | | **Paper Code** | **Paper Name** | | **Credits/Mark** |
| IT-14 | Operating System | | 4/  T: 70  P: 30 | | IT-22 | Computer Graphics & Multimedia | | 4/100 |
| IT-17 | Data Communication & Computer Network | | 4/100 | | IT-23 | Application Software Development | | 4/100 |
| IT-16 | Objected Oriented Programming using  JAVA | | 4/  T: 70  P: 30 | | IT-29 | E Commerce | | 3/100 |
| IT-21 | Software Engineering | | 4/100 | | IT-30 | Project | | 8/200 |
| IT-28 | Advanced Web Technologies | | 4/  T: 70  P: 30 | |  |  | |  |

**MASTERS IN COMPUTER APPLICATION (MCA)**

T: Theory (Pass Mark: 35%)

P: Practical (Pass Mark: 40%)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SEMESTER I** | | | | | **SEMESTER II** | | | | |
| **Paper Code** | | **Paper Name** | | **Credits/Mark** | **Paper Code** | | **Paper Name** | | **Credits/Mark** |
| IT-01 | | Fundamentals of Computers | | 3/100 | IT-06 | | Programming in C++ | | 4/100 |
| IT-02 | | Introduction to Programming | | 4/100 | IT-07 | | Database Management System | | 4/100 |
| IT-03 | | Digital Logic | | 3/100 | IT-08 | | Computer Network & Internet | | 4/100 |
| IT-04 | | Practical Lab-1 ( PC Software + Programming) | | 4/  (P) 100 | IT-09 | | Practical Lab-2 (Programming+DBMS+Internet) | | 4/  P:100 |
| IT-05 | | Communication Skills & Technical Writing | | 2/50 | IT-10 | | Management and Accounting | | 3/100 |
| **SEMESTER III** | | |  | | **SEMESTER IV** | | | |  |
| **Paper Code** | **Paper Name** | | **Credits/Mark** | | **Paper Code** | **Paper Name** | | | **Credits/Mark** |
| No.  IT-11 | Mathematical Foundation of Computer Science | | 3/100 | | No.  IT-16 | Objected Oriented Programming using JAVA | | | 4/  T: 70  P: 30 |
| IT-12 | Data Structure and Algorithm | | 4/  T: 70  P: 30 | | IT-17 | Data Communication & Computer Network | | | 4/100 |
| IT-13 | Computer Organization & Architecture | | 4/100 | | IT-18 | Advanced Database Management System | | | 3/100 |
| IT-14 | Operating System | | 4/  T: 70  P: 30 | | IT-19 | Linux System Administration | | | 8/  T: 70  P: 30 |
| IT-28 +IT 29 | Adv. Web Technology and E Commerce | | 4/  T: 70  P: 30 | | IT-20 | Compilers | | | 4/100 |
| **SEMESTER V** | | | | | **SEMESTER VI** | | | | |
| **Paper Code** | | **Paper Name** | | **Credits/Mark** | **Paper Code** | | **Paper Name** | **Credits/Mark** | |
| IT-21 | | Software Engineering | | 4/100 | IT-26 | | Major Project | 18/  P: 500 | |
| IT-22 | | Computer Graphics & Multimedia | | 4/100 |  | |  |  | |
| IT-23 | | Application Software Development | | 4/  T: 70  P: 30 |  | |  |  | |
| IT-24 | | Electives  1. Artificial Intelligence, 2. ERP  3. MIS  4. Data Mining and  Warehousing | | 4/100 |  | |  |  | |
| IT-25 | | Seminar | | 2/100 |  | |  |  | |

**PG Diploma in Computer Applications (PGDCA)**

T: Theory (Pass Mark: 35%)

P: Practical (Pass Mark: 40%)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SEMESTER I | | | SEMESTER II | | |
| **Paper Code** | **Paper Name** | **Credits/Mark** | **Paper Code** | **Paper Name** | **Credits/Mark** |
| IT-01 | Fundamentals of Computers | 3/100 | IT-06 | Programming in C++ | 4/100 |
| IT-02 | Introduction to Programming | 4/100 | IT-07 | Database Management System | 4/100 |
| IT-03 | Digital Logic | 3/100 | IT-08 | Computer Network & Internet | 4/100 |
| IT-04 | Practical Lab-1  ( PC Software +Programming) | 4/  T: 70  P: 30 | IT-09 | Practical Lab2  ( Programming + DBMS + Internet ) | 4/  P: 100 |

**PG Diploma in Sales and Marketing Management (PGDSMM)**

*Total Mark for each paper: 100 (Pass Mark 35%)*

***First Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| SMM01 | Principle of Management and  Organizational Behaviour |
| SMM02 | International Marketing |
| SMM03 | Marketing and Sales Management |

***Second Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| SMM04 | Promotion and Advertising  Management |
| SMM05 | Consumer Behaviour and  Marketing Research |
| SMM06 | Industrial and Service Marketing |

**PG Diploma in Human Resource Management (PGDHRM)**

*Total Mark for each paper: 100 (Pass Mark 35%)*

***First Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| HRM01 | Principle of Management and  Organizational Behaviour |
| HRM02 | Elements of Personnel Management |
| HRM03 | Industrial Relation and Labour  Welfare |

***Second Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| HRM04 | Labour Legislation |
| HRM05 | Methodology of Training and  Development Planning |
| HRM06 | Human Resource Development |

**PG Diploma in Business Management (PGDBM)**

*Total Mark for each paper: 100 (Pass Mark 35%)*

***First Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DBM01 | Principle of Management and  Organizational Behaviour |
| DBM02 | Elements of Personnel Management |
| DBM03 | Marketing and Sales Management |

***Second Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DBM04 | Accounting and Finance for  Managers |
| DBM05 | Economics for Managers |
| DBM06 | Production and Material Management |

**PG Diploma in Financial Management (PGDFM)**

*Total Mark for each paper: 100 (Pass Mark 35%)*

***First Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DFM01 | Management Process |
| DFM02 | Financial Accounting |
| DFM03 | Cost Accounting and Auditing |

***Second Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DFM04 | Financial Management |
| DFM05 | Investment Management |
| DFM06 | Corporate Taxation |

**PG Diploma in Insurance and Risk Management (PGDIM)**

*Total Mark for each paper: 100 (Pass Mark 35%)*

***First Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DIRM01 | Principle of Insurance |
| DIRM02 | Principle of Life Insurance |
| DIRM03 | Principle of Non- Life Insurance |

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***Second Semester/Module***

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|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DIRM04 | Legal Aspects of Insurance Business |
| DIRM05 | Insurance Marketing |
| DIRM06 | Consumer Behaviour and Sales Force Management |

**PG Diploma in Banking and Financial Services (PGDBFS)**

*Total Mark for each paper: 100 (Pass Mark 35%)*

***First Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DBFS01 | Bank Financial Management |
| DBFS02 | Modern Banking Theories and Practices |
| DBFS03 | Management of Financial Services |

***Second Semester/Module***

|  |  |
| --- | --- |
| PAPER NO. | PAPER NAME |
| DBFS04 | Bank Auditing |
| DBFS05 | Banking Law and Practice |
| DBFS06 | Marketing of Financial and Banking  Services |

**BACHELOR IN COMPUTER APPLICATIONS (BCA)**

T: Theory (Pass Mark: 35%)

P: Practical (Pass Mark: 40%)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SEMESTER I | | | | | SEMESTER II | | | | |
| **Paper Code** | | **Paper Name** | | **Credits/Mark** | **Paper Code** | | **Paper Name** | | **Credits/Mark** |
| ITOL-111 | | Fundamentals of Computer | | 3/100 | ITOL-121 | | Introduction to Programming using C | | 3/100 |
| ITOL-112 | | Digital Systems | | 3/100 | ITOL-122 | | Environmental Studies | | 3/100 |
| ITOL-113 | | Communicative English | | 2/100 | ITOL-123 | | Mathematics II | | 3/100 |
| ITOL-114 | | Mathematics –I | | 3/100 | ITOL-126 | | Computer Based Accounting and Financial Management | | 3/100 |
| ITOL-119 | | Laboratory (DOS and UNIX commands and Office Automation) | | 4/  P: 100 | ITOL-129 | | Laboratory (ITOL-121) | | 4/  P:100 |
| SEMESTER III | | | | | SEMESTER IV | | | | |
| **Paper Code** | **Paper Name** | | **Credits/Mark** | | **Paper Code** | **Paper Name** | | | **Credits/Mark** |
| ITOL-124/211 | Computer Organization and Architecture | | 3/100 | | ITOL-226 | Numerical Analysis | | | 3/100 |
| ITOL-212 | Data Structure using C | | 3/100 | | ITOL-223 | Database Management System | | | 3/100 |
| ITOL-213 | Operating System | | 3/100 | | ITOL-224 | Computer Network & Internet | | | 3/100 |
| ITOL-214 | System Analysis & Design | | 3/100 | | ITOL-225 | OOP using C++ | | | 3/100 |
| ITOL-218 | Laboratory(ITOL-212) | | 4/  P: 100 | | ITOL-228 | Laboratory (ITOL-223+ ITOL-225) | | | 4/  P: 100 |
| SEMESTER V | | | | | SEMESTER VI | | | | |
| **Paper Code** | | **Paper Name** | | **Credits/Mark** | **Paper Code** | | **Paper Name** | **Credits/Mark** | |
| ITOL-311 | | Computer Hardware & System Administration | | 3/50 |  | | Elective – I | 3/100 | |
| ITOL-312 | | Programming in JAVA | | 3/100 |  | | Elective – II | 3/100 | |
| ITOL-313 | | Web Technology | | 3/50 | ITOL-325 | | Project | 6/  P: 300 | |
| ITOL-314 | | E Commerce | | 3/100 |  | |  |  | |
| ITOL-318 | | Laboratory(ITOL-311) | | 2/  P: 100 |  | |  |  | |
| ITOL- 319 | | Laboratory(ITOL-312+ITOL 313) | | 4/  P: 100 |  | |  |  | |

List of Electives which can be chosen

ITOL -501: Artificial Intelligence

ITOL -502: Data Mining

ITOL -503: E-Learning Technologies

ITOL -504: Object Oriented Design using UML

ITOL -505: Software Engineering

ITOL -506: Advanced Web Technology

**B.SC IT**

T: Theory (Pass Mark: 35%)

P: Practical (Pass Mark: 40%)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SEMESTER I | | | | | | SEMESTER II | | | | |
| **Paper Code** | | | **Paper Name** | | **Credits/Mark** | **Paper Code** | | **Paper Name** | | **Credits/Mark** |
| ITOL-111 | | | Fundamentals of Computer | | 3/100 | ITOL-121 | | Introduction to Programming using C | | 3/100 |
| ITOL-112 | | | Digital Systems | | 3/100 | ITOL-122 | | Environmental Studies | | 3/80 |
| ITOL-113 | | | Communicative English | | 2/50 | ITOL-123 | | Mathematics – II | | 3/100 |
| ITOL-114 | | | Mathematics –I | | 3/100 | ITOL-124/211 | | Computer Organization and Architecture | | 3/100 |
| ITOL-119 | | | Laboratory (DOS and UNIX commands and Office Automation) | | 4/100 | ITOL-129 | | Laboratory (ITOL-121) | | 4/100 |
| SEMESTER III | | | | | | SEMESTER IV | | | | |
| **Paper Code** | **Paper Name** | | | **Credits/Mark** | | **Paper Code** | **Paper Name** | | | **Credits/Mark** |
| ITOL-212 | Data structure using C | | | 3/100 | | ITOL-222 | Data Communication and Computer Networks | | | 3/100 |
| ITOL-213 | Operating System | | | 3/100 | | ITOL-223 | Database Management System | | | 3/100 |
| ITOL-214 | System Analysis & Design | | | 3/100 | | ITOL-224 | OOP using C++ | | | 3/100 |
| ITOL-215 | Theoretical Foundation of Computing | | | 3/100 | | ITOL-225 | Numerical Analysis | | | 3/100 |
| ITOL-218 | Laboratory(ITOL-212) | | | 4/100 | | ITOL-228 | Laboratory (ITOL-223+ ITOL-225) | | | 4/100 |
| SEMESTER V | | | | | | SEMESTER VI | | | | |
| **Paper Code** | | **Paper Name** | | | **Credits/Mark** | **Paper Code** | | **Paper Name** | **Credits/Mark** | |
| ITOL-311 | | Computer Hardware & System Administration | | | 3/100 |  | | Elective – II | 4/100 | |
| ITOL-312 | | Programming in Java | | | 3/100 | ITOL-326 | | Project | 10/  P: 300 | |
| ITOL-313 | | Web Technology | | | 3/100 |  | |  |  | |
|  | | Elective I | | | 3/100 |  | |  |  | |
| ITOL-318 | | Laboratory (ITOL-311) | | | 2/  P: 50 |  | |  |  | |
| ITOL- 319 | | Laboratory (ITOL-312+ ITOL-313) | | | 4/  P:100 |  | |  |  | |

List of Electives which can be chosen

ITOL -501: Artificial Intelligence

ITOL -502: Data Mining

ITOL -503: E-Learning Technologies

ITOL -504: Object Oriented Design using UML

ITOL -505: Software Engineering

ITOL -506: Advanced Web Technology

**CERTIFICATE IN COMPUTER APPLICATIONS (CCA)**

T: Theory (Pass Mark: 35%)

P: Practical (Pass Mark: 40%)

|  |  |  |
| --- | --- | --- |
| **COURSE NO.** | **PAPER NAME** | **CREDIT/Marks** |
| CCA1 | Fundamentals of Computers | 4/100 |
| CCA2 | Introduction to Programming, Internet & Web Programming | 4/100 |
| CCA3 | PC Software (Practical) | 4/100 |