

a. Add-On Courses

S. No.	Name of the Dept.	I semester	III semester	V semester
1.	Department of Physics	Fluid physics	Acoustical Measurement & Building Acoustics	Alternate Energy Source
2.	Department of Botany	Mushroom cultivation	Vermin compost	Bio-fertilizers
3.	Department of Bio-Technology	Genetic counseling	Molecular farming	Microbial and chemical contamination of water
4.	Department of Computer Science	D.T.P	Computer networks	Information security
5.	Department of Zoology & Micro Biology	Functional foods	Food processing	Hospital waste management
6.	Department of commerce	1. Retail Management 2. I.P.R	1. Human Resources Management 2. Services Marketing	1. Corporate Communication 2. Sales Promotion
7.	Department of Mathematics & Statistics	Discrete Maths	Elements of Graph theory Game Theory/ Network analysis	Number theory
8.	Department of English	Communication Skills in English	*****	****
9.	Department of Chemistry	Drug and Drug Action	Plastics	Cosmetics
10.	Department of Electronics	Electronic Devices	Basics of Power Electronics	Microwave Devices
11.	Dept.of Busines Mgt (UG)	Human Computer Interaction	Rural Marketing	Cyber crime

Each undergraduate student is expected to complete a minimum of three Add-On elective courses in Semesters I, III and V (Minimum one Add-on Course in one Semester). A student is free to choose more than one Add-On Course, in excess of one compulsory Add-On Course, in a Semester to earn extra credits. Therefore if any student opts for more than one Add-on course she will be awarded a credit for that course. A certificate will be issued for the same. The students' performance in Add-On Courses is evaluated by the concerned teacher for 50 marks (20 marks for assignment / test and 30 marks for written examination) , at the end of instruction. It is mandatory for all students to have the requisite attendance, and better than F grade to earn a credit. The credit(s) earned on Add-On Courses, however, will not add in the calculation of SGPA / CGPA.)

**a. Inter-Disciplinary Electives:**

Inter Disciplinary Electives (IDE) are introduced as part of the CBCS. Several IDE Courses will be offered in II, IV and VI Semesters, and the student has to choose from the list. A provisional list of IDE is given below. (The list is provisional and is subject to change)

**Pool A (for Commerce and Science students only)**

<b>Department</b>	<b>IDE Courses</b>
Political Science	Ethical Values, Human Rights, Environment Awareness
Public Administration	1. Indian Constitution 2. E- Governance 3. Disaster Management
Economics	Indian Economy
Sociology	1. Gender Relations in Changing Society 2. Performing Arts 3. Light Music
Computer Science	Human Computer Interaction (HCI) (Semester II) Data Warehouse and Mining (Semester IV) Adobe Photoshop and Java Programming (Semester VI).
Business Management	Branding (Semester II) Participative Management (Semester IV) HR-Contemporary Practices(SemesterVI)
English	Business Communication Skills (Semester IV)
Botany	For MECs/ B. Com/ BBMT: Role of Medicinal plants in day to day life (Semester II) Canning & Food Preservation (Semester IV)

**Pool B (for Science students only)**

Department	IDE Courses
Commerce	1.Direct Taxes 2. Retail & Supply chain Management (Semester II) 1.Organisation Theory 2.E-Banking (Semester IV) 1. Insurance 2.Hotel Accounts (SemesterVI).
Computer Science	Human Computer Interaction (HCI) (Semester II) Data Warehouse and Mining (Semester IV) Adobe Photoshop and Java Programming (SemesterVI).
Sociology	1) Content Writing 2) Performing Arts – Light Music (SemIV&VI)

**Pool C (for Commerce students only)**

Department	IDE Courses
Botany	1) Role of Medicinal plants in day to day life (Semester II) 2) Canning & Food Preservation (Semester IV)
Chemistry	1) Soaps & Detergents (Semester II) 2) Synthetic Polymers (Semester IV) 3) Nano Materials (SemesterVI)
Computer Science	1) Human Computer Interaction (HCI) (Semester II) 2) Data Warehouse and Data Mining (Semester IV) 3) Adobe Photoshop and Java Programming (Semester VI).
Mathematics	1) Basic Statistics (Semester II) 2) Basic Mathematics (Semester IV) 3) Quantitative Aptitude (SemesterVI)
Physics	1) Transmission & Communication Systems (Semester II ) 2) Alternate Energy Sources (Semester VI).
Zoology	1) Clinical Science (Semester II) 2) Nutrition & Dietics (Semester IV) 3) Health & Wellness (SemesterVI)
Sociology	Performing Arts – Light Music
Biotechnology	1) Food Adulteration (Semester II) 2) Nutrition (Semester IV) 3) Food Contamination(Semester VI)

Electronics

- 1) student electronic Devices (Semester II)
  - 2) Basic Electronic Instruments (Semester IV)
  - 3) Principles of Electronic domestic appliances (Semester VI)
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Each IDE syllabus is framed for 30 hours. The students' performance is evaluated for 50 marks, 20 marks for assignment/test and 30 marks for End Semester Examination. Each Inter Disciplinary Elective (IDE) has a weightage of one credit. A student is free to choose more than the required IDE courses to earn extra credits. It is mandatory for all students to have requisite attendance and better than F grade to earn a credit. It is mandatory for a student to complete the IDE course in the same Semester. In case a student is unable to complete these IDE courses due to a valid reason, she has to complete it in the next Semester failing which she has to register afresh for an IDE Course. The students should choose the IDE subjects from the suggested pool and other than their core subjects.

### **CHOICE BASED CREDIT SYSTEM (CBCS) GUIDELINES**

**The College has introduced CBCS system from the Academic Year 2012-13.**

1. **Program:** Each branch of study (B Sc / B Com / BBMT) is called a program.
2. **Course:** A 'paper' in the subject of study offered in a degree program is called a course.
3. **Curriculum:** The various components of each and every degree program that give appropriate teaching – learning experience are collectively called curriculum.
4. **Credit(s):** A numerical weight given to each course of study based on the number of instructional hours and depth of teaching – learning experience.
5. **Grade Letter (GL):** GL is an index of the performance of a student in a particular course. It is awarded based on the actual marks secured by a student in a course. Grade Letters are O, A, B, C, D, E, F.
6. **Grade Point (GP):** GP is the weightage allotted to each Grade Letter assigned depending on the range of marks awarded in a course.
7. **Credit Points (CP):** CP refers to the product of number of credits multiplied by the Grade Point for a given course.