As a part of curriculum upgradation, Semester and CBCS systems were introduced in all affiliated colleges in Andhra Pradesh from 2015-16. As an effective part of the overall curriculum, Foundation Courses were introduced with an aim to prepare students in the required basic skills and values in diverse areas. Hence, courses covering a broad spectrum were introduced. The following are the revised syllabi of the ten Foundation Courses, each with 30 teaching hours per semester and worth 2 credits. They were spread in the first four semesters.

<table>
<thead>
<tr>
<th>Sno</th>
<th>Foundation Course</th>
<th>Sem</th>
<th>Hrs/Week</th>
<th>Total Hrs</th>
<th>Credits</th>
<th>Marks</th>
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<tbody>
<tr>
<td>1</td>
<td>Human Values and Professional Ethics</td>
<td>I</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
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<tr>
<td>2</td>
<td>Environmental Studies</td>
<td>I</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
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<td>3</td>
<td>Information and Communication Technology (ICT) – 1</td>
<td>II</td>
<td>2</td>
<td>30</td>
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<tr>
<td>4</td>
<td>Communication and Soft Skills (CSS)-1</td>
<td>II</td>
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<td>30</td>
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<td>5</td>
<td>Information and Communication Technology (ICT) – 2</td>
<td>III</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
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<td>6</td>
<td>Communication and Soft Skills (CSS)-2</td>
<td>III</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
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<tr>
<td>7</td>
<td>Communication and Soft Skills (CSS)-3</td>
<td>IV</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
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<tr>
<td>8</td>
<td>Analytical Skills</td>
<td>IV</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
</tr>
<tr>
<td>9</td>
<td>Entrepreneurship</td>
<td>IV</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
</tr>
<tr>
<td>10</td>
<td>Leadership Education</td>
<td>IV</td>
<td>2</td>
<td>30</td>
<td>2</td>
<td>50</td>
</tr>
</tbody>
</table>

The objective of the foundation courses is to create awareness among students and train them in the skills of the course concerned. Hence, teaching learning may be focused, and limited to the hours prescribed.
Foundation Course - 1

I. HUMAN VALUES AND PROFESSIONAL ETHICS
Common for BA/BCom/BSc/BBA/BCA Programmes

I Semester (Total 30 Hrs)

Unit-I : Introduction to Value Education

1. Value Education, Definition, Concept and Need for Value Education
2. The Content and Process of Value Education
3. Self-Exploration as a means of Value Education
4. Happiness and Prosperity as parts of Value Education

Unit-II : Harmony in the Human Being

1. Human Being is more than just the Body
2. Harmony of the Self (‘I’) with the Body
3. Understanding Myself as Co-existence of the Self and the Body
4. Understanding Needs of the Self and the Needs of the Body

Unit-III : Harmony in the Family and Society and Harmony in the Nature

1. Family as a basic unit of Human Interaction and Values in Relationships
2. The Basics for respect and today’s Crisis : Affection, Care, Guidance, Reverence, Glory, Gratitude and Love
3. Comprehensive Human Goal : The Five dimensions of Human Endeavour

Unit-IV : Social Ethics

1. The Basics for Ethical Human conduct
2. Defects in Ethical Human Conduct
3. Holistic Alternative and Universal order
4. Universal Human Order and Ethical Conduct

Unit-V : Professional Ethics

1. Value Based Life and Profession
2. Professional Ethics and Right Understanding
3. Competence in Professional Ethics
4. Issues in Professional Ethics - The Current scenario
5. Vision for Holistic Technologies, Production System and Management Models

Reference Books:

3. Bertrand Russell, Human Society in Ethics and Politics
4. Corliss Lamont, Philosophy of Humanism
7. I.C.Sharma, Ethical Philosophy of India, Nagin & Co., Jullundhar
8. Mortimer.J.Adler, What Man has Made of Man
9. R.Subramanian, Professional Ethics, Oxford University Press
10. Text Book for Intermediate Ethics and Human Values, Board of Intermediate Education & Telugu Academy, Hyderabad
11. William Lilly, Introduction to Ethics, Allied Publishers

Foundation Course - 2

ENVIRONMENTAL STUDIES
Common for BA/BCom/BSc/BBA/BCA Programmes

Semester - 1 (Total 30 Hours)

Unit-I: Natural Resources: 6 Hrs

Definition, scope and importance. Need for public awareness.
Brief description of;
- Forest resources: Use and over-exploitation. Deforestation; timber extraction, mining, dams. Effect of deforestation environment and tribal people
- Water resources: Use and over-utilization. Effects of over utilisation of surface and ground water. Floods, drought.
- Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources.
Food resources: World food problems, Effects of modern agriculture; fertilizer-pesticide, salinity problems.

Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.

Land resources: Land as resources, land degradation, man induced landslides, soil erosion and desertification

**Unit-II : Ecosystems, Biodiversity and its conservation**  
6 Hrs

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Food chains, food webs and ecological pyramids
- Characteristic features of the following ecosystems:
  - Forest ecosystem
  - Desert ecosystem
  - Aquatic ecosystem
- Value of biodiversity: Consumptive use, productive use. Biodiversity in India.
- Threats to biodiversity: habitat loss, poaching of wildlife, man wildlife conflicts.
- Endangered and endemic species of India
- Conservation of biodiversity

**Unit-III : Environmental Pollution**  
6 Hrs

- Definition
- Causes, effects and control measures of:
  a. Air pollution
  b. Water pollution
  c. Soil pollution
  d. Noise pollution
- Solid waste management; Measures for safe urban and industrial waste disposal
- Role of individual in prevention of pollution
- Disaster management: Drought, floods and cyclones

**Unit-IV : Social Issues and the Environment**  
6 Hrs

- From Unsustainable to Sustainable development
- Water conservation, rain water harvesting, watershed management.
- Climate change, global warming, ozone layer depletion,
- Environment protection Act
- Wildlife Protection Act, Forest Conservation Act

**Unit-V : Human Population and the Environment**  
6 Hrs

- Population explosion, impact on environment.
- Family welfare Programme
- Environment and human health
Reference Books:
1. Environmental Studies by Dr. M. Satyanarayana, Dr. M. V. R. K. Narasimhacharyulu, Dr. G. Rambabu and Dr. V. Viveka Vardhani, Published by Telugu Academy, Hyderabad.

Foundation Course – 3

INFORMATION & COMMUNICATION TECHNOLOGY – 1 (ICT-1)
Computer Fundamentals and Office Tools
Common for all Degree Programmes

II Semester
(30 Hours of Teaching Learning including Lab)

Unit-I:

Unit-II:

Unit-III:
MS-Word

Unit-IV:
MS-PowerPoint
Features of PowerPoint – Creating a Blank Presentation - Creating a Presentation using a Template - Inserting and Deleting Slides in a Presentation – Adding Clip Art/Pictures - Inserting Other Objects, Audio, Video - Resizing and Scaling of an Object – Slide Transition – Custom Animation

Unit-V:
MS-Excel
Overview of Excel features – Creating a new worksheet, Selecting cells, Entering and editing Text, Numbers, Formulae, Referencing cells – Inserting Rows/Columns – Changing column widths and row heights, auto format, changing font sizes, colors, shading.

Reference Books:
1. Fundamentals of Computers by ReemaThareja, Publishers : Oxford University Press, India
2. Fundamentals of Computers by V.Raja Raman, Publishers : PHI

Foundation Course - 5
INFORMATION & COMMUNICATION TECHNOLOGY –2 (ICT-2)
Internet Fundamentals and Web Tools
Common for BA / BCom / B Sc / BBA Programmes

III Semester
(30 Hours of Teaching Learning including Lab)

Unit-I:

Unit-II:
Internet applications: Using Internet Explorer, Standard Internet Explorer Buttons, Entering a Web Site Address, Searching the Internet – Introduction to Social Networking: twitter, tumblr, Linkedin, facebook, flickr, skype, yelp, vimeo, yahoo!, google+, youtube, WhatsApp, etc.
Unit-III:
E-mail: Definition of E-mail - Advantages and Disadvantages – UserIds, Passwords, Email Addresses, Domain Names, Mailers, Message Components, Message Composition, Mail Management, Email Inner Workings.

Unit IV:
WWW- Web Applications, Web Terminologies, Web Browsers, URL – Components of URL, Searching WWW – Search Engines and Examples

Unit-III:

Reference Books:

Foundation courses 4, 6 & 7

COMMUNICATION SKILLS AND SOFT SKILLS
(Three papers spread over three Semesters)
(Each Paper: Total 30 hours of Teaching Learning)

The course helps the student hone their four skills – listening, speaking, reading, and writing – and also initiates them into the fifth skill, "thinking," in English. The learner-friendly material and the task-based activities enhance their communicative competence. The course focuses on all the four areas of knowledge and skill that constitute Communicative Competence: Linguistic/Grammatical Competence, Sociolinguistic Competence, Discourse Competence, and Strategic Competence. It also aims at equipping the student with a wide range of sub-skills: understanding gist in listening; skimming and scanning in reading; pronunciation and intonation, fluency, accuracy, and appropriacy in speaking; and organizational and editing skills in writing. In addition, the course helps the student acquire knowledge of soft skills. Thus the three-semester course helps the learner in their personal life as well as their professional life. The efficacy of the course largely depends on continuous and consistent practice by the students in and outside the classroom. Therefore, the designed content and the modules
Vocabulary is considered the key to communication and it plays a great role for learners in acquiring a language. The first unit, therefore, is on the different aspects of vocabulary. Since English is a predicate-oriented language, there are two units on grammar focusing on the verb phrase. Listening and speaking are the two receptive skills. Listening is the basic skill of communication, and reading helps a person refine their writing skills. Unit IV and Unit V are on listening and reading respectively.

**Unit I: Vocabulary Building**
1a. Prefixes and Suffixes  
1b. Conversion  
1c. Compounding  
1d. Analogy  
2. One-Word Substitutes  
3. Words Often Confused  
4. Synonyms and Antonyms  
5. Phrasal Verbs

**Unit II: Grammar - 1**
1. Types of Verbs  
2. Subject-Verb Agreement

**Unit III: Grammar - 2**
1. Meanings of Modals  
2. Tense (Present and Past) and Aspect  
3. The Several Possibilities for Denoting Future Time  
4. Articles and Prepositions

**Unit IV: Listening Skills**
1. The Importance of Listening
2. Types of Listening
3. Barriers/Obstacles to Effective Listening
4. Strategies for Effective Listening

Unit V: Reading Skills
1. Skimming
2. Scanning
3. Intensive Reading and Extensive Reading
4. Comprehension

Foundation Course - 6

COMMUNICATION SKILLS AND SOFT SKILLS-2 (CSS -2)

COURSE CONTENT (30 hours)

CSS 02 aims at improving the speaking skills of the learner. For many learners of English, the sound-spelling relationship of the language appears anarchic. Another problem many Indian learners face is English word accent. Unit I and Unit II help learners overcome these problems to a great extent. The remaining units are on the two productive skills, speaking and writing. The techniques of day-to-day conversations and the important characteristics of interviews and GDs presented in this course strengthen the learner's speaking skills. The last unit presents various aspects of presentation in writing.

Unit I: Pronunciation - 1
The Sounds of English

Unit II: Pronunciation – 2
1. Word Accent
2. Intonation

Unit III: Speaking Skills -1
1. Conversation Skills
2. Interview Skills
3. Presentation Skills
4. Public Speaking

Unit IV: Speaking Skills -2
1. Role Play
2. Debate
3. Group Discussion

**Unit V: Writing Skills**
1. Spelling
2. Punctuation
3. Information Transfer
   - Tables
   - Bar Diagrams
   - Line Graphs
   - Pie Diagrams
   - Flow Charts
   - Tree Diagrams
   - Pictures

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**Foundation Course -7**

**COMMUNICATION SKILLS AND SOFT SKILLS-3 (CSS -3)**

**COURSE CONTENT** (30 hours)

A current axiom is that hard skills will get a person an interview, but soft skills will get that person the job. Unit I of the course is on soft skills, which are absolutely necessary in the global job market. Writing is considered the most difficult of all the skills. Units II to V help the learner improve their writing skills, especially academic/formal writing.

**Unit I: Soft Skills**
1. Positive Attitude
2. Body Language
3. SWOT/SWOC Analysis
4. Emotional Intelligence
5. Netiquette

**Unit II: Paragraph Writing**
1. Paragraph Structure
2. Development of Ideas

**Unit III: Paraphrasing and Summarizing**
1. Elements of Effective Paraphrasing
2. Techniques for Paraphrasing
3. What Makes a Good Summary?
4. Stages of Summarizing

**Unit IV: Letter Writing**
1. Letter Writing (Formal and Informal)
2. E-correspondence

**Unit V:**
1. Resume and CV
2. Cover Letter

**SEMESTER-END EXAMINATION**

*Pattern of the Question Paper for CSS 01*

Time: 2 Hours  Maximum Marks: 50

**Part - A**
1. Comprehension  - 5 Marks (Five Multiple Choice Questions)

**Part - B**
2. Objective Type Questions  - 20 Marks (Twenty Multiple Choice Questions)

**Part - C**
3. One Word Answers  - 10 Marks (Ten Questions)

**Part - D**
4. One Sentence Answers  - 10 Marks (Five Questions)

**Part - E**
5. Matching  - 5 Marks (5=6)

**Reference Books:**

*JKC -Communication Skills and Soft Skills: Student's Book*
Sethi, J., and P.V. Dhamija (1999)  *A Course in Phonetics and Spoken English*
New Delhi: Prentice-Hall of India


Quirk, Randolph and Sydney Greenbaum (1973) *A University Grammar of English.*
Harlow: Longman. Chapters 2, 3, and 7


Chapter 3: Comprehension


**Foundation Course - 8**

**ANALYTICAL SKILLS**

Syllabus, Forall Degree Programmes.

w.e.f. 2015-16 (Revised in April, 2016)

Semester – IV (Total 30 Hrs)

**UNIT – 1**

**Data Analysis:** The data given in a Table, Graph, Bar Diagram, Pie Chart, Venn diagram or a passage is to be analyzed and the questions pertaining to the data are to be answered.

**UNIT – 2**

**Sequence and Series:** Analogies of numbers and alphabets completion of blank spaces following the pattern in A:b::C: d relationship odd thing out; Missing number in a sequence or a series.

**UNIT - 3**

**Arithmetic ability:** Algebraic operations BODMAS, Fractions, Divisibility rules, LCM&GCD (HCF).

**Date, Time and Arrangement Problems:** Calendar Problems, Clock Problems, Blood Relationship.

**UNIT – 4**

**Quantitative aptitude:** Averages, Ration and proportion, Problems on ages, Time-distance – speed.

**UNIT – 5**

**Business computations:** Percentages, Profit &loss, Partnership, simple compound interest.

**Reference Books:**

1. Quantitative Aptitude for Competitive Examination by R S Agrawal, S.Chand publications.
2. Quantitative Aptitude and Reasoning by R V Praveen, PHI publishers.
5. Old question Paper of the exams conducted by (Wipro, TCS, Infosys, Etc) at their recruitment process, source-Internet.
Note: The teachers/students are expected to teach /learn the contents by not converting them to the problems of algebra at the maximum possible extent, but to use analytical thinking to solve the exercises related to those topics. This is the main aim of the course.

Foundation Course – 9
ENTREPRENEURSHIP
Syllabus, Forall Degree Programmes.
w.e.f. 2015-16 (Revised in April, 2016)

Semester – IV (Total 30 Hrs)


Unit-IV: Institutions Supporting Small Business Enterprises: Central level Institutions: NABARD; SIDBI, NIC, KVIC; SIDIO; NSIC Ltd; etc. – state level Institutions – DICs- SFC- SSIDC- Other financial assistance.


Reference Books:
1. Arya Kumar, Entrepreneurship, Pearson, Delhi, 2012.

4. Kanishka Bedi, Management and Entrepreneurship, Oxford University Press, Delhi, 2009

5. Anil Kumar, S., ET.al., Entrepreneurship Development, New Age International Publishers, New Delhi, 2011


7. Peter F. Drucker, Innovation and Entrepreneurship.

8. A. Sahay, M. S. Chhikara, New Vistas of Entrepreneurship: Challenges & Opportunities.

**Foundation Course - 10**

**LEADERSHIP EDUCATION**

Syllabus, Forall Degree Programmes.

w.e.f. 2015-16 (Revised in April, 2016)

**Semester – IV**


5. Team Building and Management – Developing team resources – Designing team – Participation and Repercussion – Team building activities.
**Reference Books:**