



# KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

**ERODE – 638 107**

**DEPARTMENT OF COMPUTER SCIENCE(PG)**

**VALUE ADDED COURSE – SYLLABUS**

**18VMCCE – CAREER ENHANCEMENT FOR IT PROFESSIONALS – PAPER I**

**Course Objective:** The objective of the programme is to impart the students to gain skills to solve arithmetic problems, to improve the talent to communicate in English and to build confidence and boost enthusiasm and positive thoughts.

<b>UNIT I</b>		4 Hours
Numbers - Least common multiplier – Highest common factor – coding and Decoding- Problems based on alphabet.		
<b>UNIT II</b>		4 Hours
Area, Volume of the surfaces- percentage-profit and loss –partnership – surds and Indices		
<b>UNIT III</b>		4 Hours
Direction sense test-permutation and combination – probability – Venn diagram and chart type test		
<b>UNIT IV</b>		7 Hours
Clock – mirror image – calendar – time work – time distance – problems in trains, boats – Streams		
<b>UNIT V</b>		6 Hours
Chain rule-Age- Problems on ages- Blood relations-odd man out & series - Height and distances		
<b>Total Hours</b>		25 Hours

**Reference Books:**

1. Quantitative aptitude, Dr. R.S.Aggarwal
2. www.india bix.com

**Course Outcome:** On Completion of this course the students will be able to

- Job aspirants can excel in competitive examination and entrance tests.
- IT Professional can be able to get through the first phase of IT companies interview process.



**Dr. N. RAMAN**  
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**ERODE – 638 107**

**DEPARTMENT OF COMPUTER SCIENCE(PG)**

**VALUE ADDED COURSE – SYLLABUS**

**18VMCCE – CAREER ENHANCEMENT FOR IT PROFESSIONALS – PAPER II**

**Course Objective:** The objective of the programme is to impart the students to gain skills to solve arithmetic problems, to improve the talent to communicate in English and to build confidence and boost enthusiasm and positive thoughts.

<b>UNIT I</b>		3 Hours
Development of listening skills, reading aloud and voice modulation. This will be followed with presentations – oral and written.		
<b>UNIT II</b>		2 Hours
Conversation practice – role playing, interactive games.		
<b>UNIT III</b>		2 Hours
Development of relevant writing skills.		
<b>UNIT IV</b>		4 Hours
Self Exploration: Introduction to Human Development and Resource development – self discovery – self acceptance – self esteem – self confidence – physical and cultural aspects of personality.		
<b>UNIT V</b>		4 Hours
Time and Stress Management: Importance of time – Managing time – the art of prioritizing and scheduling – stress and source of stress.		
<b>Total Hours</b>		15 Hours

## Reference Books:

1. English for success. E.Suresh Kumar, P.Sreehari & J.Savithri, New Delhi: Cambridge U.P India Pvt. Ltd. 2014.
2. Communicative English 1. Sanghita Sen, Alankrita Mahendra & Savitha Manikonda. New Delhi: Cambridge U.P India Pvt. Ltd. 2014.
3. The Assistant Principal's Guide: New Strategies for New Responsibilities, M. Scott Norton.
4. T-EL Affect The Entrepreneur Lab, Shamerra Saunders.
5. <http://www.career-success-for-newbies.com>.

**Course Outcome:** On Completion of this course the students will be able to

- Able to exploit English as lingua franca.
- Able to participate in the group discussion and personal interviews with more confidence and pleasing personality.



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