## Pondicherry University

## Department of English, School of Humanities

## ENGL-477- ENGLISH FOR SCIENCE AND TECHNOLOGY (Soft core)

## Revised Syllabus (From June 2012 Admission onwards)

## Course Instructor : Dr. Lakhimai Mili.    Credits: 3

**Introduction:**

In the context of the Indian higher education, English as a second language has been occupying a major role, and its significance is gaining more and more prominence in day to day life as well. In the field of science and technology the importance of English need not be emphasized; since that language has become part and parcel of scientific revolution. As far as the Indian situations are concerned, a time has come in which science and technology can neither be conceptualized nor comprehended through any language other than English. English still is a library language in the sense that the most important means of gathering information in any branch of knowledge is English. Within the language, reading and writing skills occupy a central position, as far as the Indian tradition is concerned.

**Aims and objectives**

It is against the background outlined above; a course in English for the students of Science and technology has been designed with the following broad aim and specific objectives in mind.

Aim:  This course aims at providing the necessary language input and support for the students who pursue higher studies in the fields of Science and Technology.

Objectives: (i) By the end of the course, it has been expected that the learners' listening **skills** will reach the optimal level at which they feel confident in comprehending the message of lectures, talks and presentations, both live and through the electronic media.

(ii) The learners are expected to be able to express themselves in **the spoken mode** while interacting in the classroom, making presentations and demonstrations, conducting/observing experiments and so on.

(iii) The learners are expected to use English as a library language –as the most effective tool for gathering information—through effective **reading** strategies such as skimming, scanning and so on.

(iv) The learners will be functioning effectively by expressing their content knowledge in **writing in** day to day academic situations, and moreover in examinations, presentations, term papers, assignments, projects and so on.

(v) The learners will be functioning independently through the effective use of study skills and reference skills.

## Course contents

The contents of the course will be drawn from all walks of life; and not just from the fields of science and Technology. Literature, journalism, advertisements, brochures, publicity materials etc are some of the linguistic resources from where reading materials will be drawn.

## Course books prescribed:

Extracts from the following course books prescribed for the undergraduate courses, across the curricula will be used.

1. *Basic Technical Communications* by Ruby Gupta and Anugrah Rohini .Foundation Books.

2. *Using English in Science and Technology* by R.K Singh. Foundation Books.

3. *Basic Communication Skills for Technology* by Andrea J. Rutherfoord.Pearson Publication.

4. *Critical thinking Skills* by Stella Cottrell. Palgrave publications.

## Reference materials

1. *English for Science and Technology*: *A Discourse Approach* by Louis Trible. Cambridge University Press.

2. *Practising English in Science and Technology* by R.P Singh. Foundation books.

3. *Strategies for Engineering Communication* by Susan Stevenson and Steve Whitmore. John Wiley and Sons (Asia) Pte. Ltd.

4. *Vocabulary Builder and Word Power Guide* by Vijay Nicole. Vijay Nicole Imprints Private Limited.

5. *Test Your English Vocabulary in Use* by Michael McCarthy and Felicity O'Dell. Cambridge Publication.

## Testing and evaluation

Internal assessment: 40 marks

End-Semester examination: 60 marks

The break- up of the 40 per cent of the total marks meant for internal assessment will be as follows:

a) Two assignments: 10 marks   b) One seminar presentation: 10 marks c) Two test: 20 marks.