



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal - 500 043, Hyderabad, Telangana

COURSE CONTENT

SANSKRIT FOR TECHNICAL KNOWLEDGE								
III Semester: AE, CSE, ES, EPS, CAD/CAM & STE								
Course Code	Category	Hours / Week			Credits	Maximum Marks		
BHSE04	Audit	L	T	P	C	CIA	SEE	Total
		2	-	-	-	-	-	-
Contact Classes: Nil	Total Tutorials: Nil	Total Practical Classes: Nil			Total Classes: Nil			
Prerequisite: NIL								

I. COURSE OVERVIEW:

In this course, Studying Sanskrit enhances students' analytical thinking and problem-solving abilities. The intricate grammar and logical structure of Sanskrit nurture their analytical skills, enabling them to dissect complex concepts and extract profound insights. This heightened analytical thinking can be applied across different technical disciplines, fostering innovative solutions to contemporary challenges

II. COURSE OBJECTIVES:

The students will try to learn:

- A working knowledge in illustrious Sanskrit, the scientific language in the world.
- The Sanskrit to improve brain functioning.
- The Sanskrit language to develop the logic in mathematics, science & other courses enhancing the memory power.
- The engineering scholars equipped with Sanskrit will be able to explore the huge knowledge from ancient literature.

III. COURSE OUTCOMES:

After successful completion of the course, students should be able to

- CO 1 Understand the basic Sanskrit grammar
- CO 2 Formulate simple sentences
- CO 3 Apply order and roots
- CO 4 Understand Ancient Sanskrit literature about science & technology
- CO 5 Develop logical thinking being a logical language in technical concepts

IV. COURSE CONTENT:

MODULE – I: INTRODUCTION

Alphabets in Sanskrit, Past/Present/Future Tense.

MODULE – II: SENTENCES

Simple Sentences

MODULE – III: ROOTS

Order, Introduction of roots

MODULE – IV: SANSKRIT LITERATURE

Technical information about Sanskrit Literature

MODULE – V: TECHNICAL CONCEPTS

Technical concepts of Engineering-Electrical, Mechanical, Architecture, Mathematics

V. TEXT BOOKS:

1. Suresh Soni, “India’s Glorious Scientific Tradition”, Ocean books (P) Ltd., New Delhi.

VI. REFERENCE BOOKS:

1. Dr. Vishwas, “Abhyaspustakam”, Samskrita-Bharti Publication, New Delhi.

VII. WEB REFERENCES:

1. <http://learnsanskritonline.com/>

VIII. E-TEXT BOOKS:

1. Prathama Deeksha-Vempati Kutumb Shastri, “Teach Yourself Sanskrit”, Rashtriya Sanskrit Sansthanam, New Delhi Publication.