ENGLISH FOR ENGINEERS AND TECHNOLOGISTS-JNTUK, A.P

EDITION IS A GUIDE FOR PROFESSIONAL LANGUAGE

AND PERSONALITY DEVELOPMENT

DEMUDU NAIDU JUREDDI

Research Scholar, Department of English, Andhra University, Visakhapatnam, Andhra Pradesh, India

ABSTRACT

English course is designed for the enrichment in English language for students in school or college curriculum. Language and literature have mutual relations. People are passionate to enjoy the aesthetic values while they learn the language. In India, there have been many methodologies applied to learn the English language as it is a global language but still there is an ambiguous idea to learn it and there is a major role of first language that learners neglect the foreign language. At last, course of English for B.Tech people is to be with the emphasis of literature and language by which a student can learn English language. Today, the current detailed English text has been prepared with different design. It is with the emphasis on professional observation and personality development besides language. So, I would like to explore the views of the authors to empower the students in the aspects. The assorted units in the text “English for engineers and technologists”, prepared for JNTU, Kakinada, A.P, India.

KEYWORDS: Curriculum, Language, Literatur, Global, Professional, Methodology & Personality

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INTRODUCTION

Nowadays, the role of English is becoming inevitable for professional students. In the countries, which have English language as their first language, it is not a complexity for the students in their corresponding in the necessary contents. In the countries like India, still it is a problematic condition to acquire the English language skills by which the learners can express his sound knowledge in science and technology and the knowledge in general. India educationalists and government have been following different ways to enable students to have a grip on the second language which is not our mother tongue and the national language. We are aware of that English language is from nursery in all the schools, but the gap that the students and people are not getting a grip on the English, we are not able to understand. It is very simple and obvious to know the predicament that any foreign language cannot dominate the mother tongue. In fact, we have to understand that the English language as language of medium, science, technology, library, research, communication and everything, we are supposed to be able to overcome the problem of English language and should enrich in the language apart from our local language.

THE VISION OF THE AUTHORS OF THE TEXT

All the educationists and teachers know that many methodologies like direct method, bilingual and translate were introduced to learn English language. The necessity of learning English has been changed today, as the branches of science and engineering like English for general (EFG) and English for special purpose (ESP). Hence, the authors are planning to imbibe interest in all the students to acquire language skills with the emphasis

on their particular area of subject/course they are doing from the same view, the text for the students of JNTUK has been designed with the vision to inculcate not only with the language skills but also to develop their personality to suitable in the integrated world and to be skillful in their profession.

THE UNITS OBJECTIVES AND OUT COMES

It is known that English is for special purpose gives pleasure to students to learn it. The researcher's novel idea is to eradicate the same borders in learning the English language. It is obvious to say that the present generation is not interested in all aspects of learning, but in their specific course area and we can understand that if the language has their relevant subjects, the students concentrate automatically on the style and structure of the language. The students as they are interested in the professional course, they will be anxious to focus on their subjects with the objectives of professional life and personality development which are very essentials for the engineering students. We are aware that technical courses concentrate on skills rather than like skills. Hence, there were many deviations in the minds of engineering students with the effect, universities introduced the subject professional ethics and human values "for B-Tech students and environmental studies" for intermediate of Andhra Pradesh. The aim, to prescribe the subjects is to prepare the students to be aware of social values which are greater than all the skills. Of course, in many ways we can say the system of failure as men are with the intention of greed of money only. It is a universal truth that man cannot survive long for getting the basics of life and the objectives of all the professional courses in the journey of personal development.

THE CONTENTS OF THE TEXT:

The text for "English for engineers and technologists" for first B-Tech students is embellished with six units:

UNIT 1: HUMAN RESOURCES

UNIT 2: TRANSPORT-PROBLEMS AND SOLUTIONS

UNIT 3: EVOLVING TECHNOLOGY

UNIT 4: ENERGY-ALTERNATIVE SOURCES

UNIT 5: OUR LIVING ENVIRONMENT

UNIT 6: INDUSTRY-SAFETY AND TRAINING

Human Resources-Objectives and Out Comes

The unit is prepared with the objective to identify that the human is the ultimate resource to identify all the other sources and to utilize them for good personal life and good contribution to the nation. The second point is to emphasize on the skills of human and to realize to identify human resources with their incredible ability as a given contribution. The unit is the students will be able to understand the resources available in the nation as well as in the world.

Transport: Problems and Solutions

The unit demonstrates the advantages of transport in the development of industry, an area and a country. It is known that, transport and water are the main sources for the development of a country. In the unit the objective is to provide transport and manage it for the comfort of people in their daily. The sub topic Road safety: a public health issue 'denotes the intervention to provide comfort in travelling and eradicate accidents and to save the lives of people. Man is illustrating his mind in the view of comfort, but it should be noted that the problems will be aroused and we should

be prepared to find the solutions.

Evaluating Technologies

The unit emphasizes to elucidate the process of technology, describing all the inter disciplines. We know the value of the history of a country and will have to be considered about the present life in all aspects. In the same manner, technology should be evolved to overcome the problems of man and to understand and to utilize the sources with the assistance of technology. Simultaneously, the greatness of nature has been observed as it plays a major role in the happiness of man. The sub topic SILENT SPRING reveals about the glory of man when the environment was good and it describes the gloominess of species when nature was developed. Engineering students should learn the balance between technology and nature besides the language. As engineering students are interested in the emerging technology, the students enjoy learning the language and they understand to be prepared as a personality concentrating on the essential aspects as the nature and understanding the problems of common people, which stimulate the minds of people to invent something as the saying 'Necessity is the mother of invention!'

Energy: Alternative Sources

As science and technologies always aim to research on necessary innovations, the chapter helps the students to think of the alternative sources of energy as we cannot be happy long time with non-renewable resources of energy. In this aspect, the students learn the language process in the explanation and they learn the vocabulary. The chapter makes the students to concentrate to find the ways to quench of thirst with alternative energies. It can be observed as the skill of problem solving in the youth.

Our Living Environment

In the chapter, the authors give an opportunity for the students to be aware of our living environment and the beauty of it which gives us good strength. Today, the world is facing many problems because lack of concentration on general things like environment with what we are living. In the life of man, environment plays a major role in flexible life. The unit enables the students to think about vanishing birds and animals because eminent personality Salim Ali, the pioneer Indian ornithologist and environmentalist, is an ideal person and inspiring personality to inspire the students.

Industry: Safety and Training

It is understood that most of the engineering students would like to settle in the industries. We can understand that it is very essential thing to be aware of safety and training in industry. In this unit, the difference between personal and professional needs has been explained well. With this awareness, the young people will have the proper professional life. And the unit is very helpful to be aware of the employee training in the industrial organization good productivity. The essential aspect in industry safety has been demonstrated very clearly in the unit. Students will be able to understand the industry language vocabulary besides their personality development as professional students. This chapter emphasizes that there will be failure of man and organization if training and safety are ignored.

CONCLUSIONS

Day by day, man is aiming to excel in his regular life with his professional life where one can learn skills and exhibits his learned knowledge. So, English language is being designed to meet the needs of the professional students in the second language acquisition. In one's view the course structure is formed with the combination of both language

prospects and professional awareness. Both the aspects are to prepare the students to develop a good personality which is flexible in the professional society meeting the requirements to excel themselves in their personal life from the method of literature and language, this is the new method of designing an English text book for a specific purpose with the path to professional and language aspects to prepare good personalities.

In all the six units of the prescribed book for the first B.Tech students, we can observe the language exercises like 'Listening Skills', 'Speaking Skills', 'Reading Skills' and 'Writing Skills' which are ultimate skills of a language communication skills. Besides these, comprehension skills and vocabulary exercises are prepared in an order. So, I would like to thank the authors of the text with novel ideas of preparing a language text for the professional students. The construction of the text ensures that the students can acquire language skills as well as profession skills in the role of personality development.

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