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| **B. TECH 2nd SEMESTER** | **T** | **P** | **C** |
| **3** | **-** | **3** |
| **BTBS2T01 ENGLISH – II**  |

**DETAILED TEXT-II : Sure Outcomes**: English for Engineers and Technologists

**Recommended Topics :**

**1. TECHNOLGY WITH A HUMAN FACE**

**OBJECTIVE:** To make the learner understand how modern life has been shaped by technology. **OUTCOME**: The proposed technology is people’s technology. It serves the human person instead of making him the servant of machines.

**2. CLIMATE CHANGE AND HUMAN STRATEGY**

**OBJECTIVE**: To make the learner understand how the unequal heating of earth’s surface by the Sun, an atmospheric circulation pattern is developed and maintained.

**OUTCOME**: The learner’s understand that climate must be preserved.

**3. EMRGING TECHNOLOGIES**

**OBJECTIVE**: To introduce the technologies of the 20th century and 21st centuries to the learners.

**OUTCOME**: The learner will adopt the applications of modern technologies such as nanotechnology.

**4. WATER- THE ELIXIR OF LIFE**

**OBJECTIVE**: To inform the learner of the various advantages and characteristics of water. **OUTCOME**: The learners will understand that water is the elixir of life.

**5. THE SECRET OF WORK**

**OBJECTIVE:** In this lesson, Swami Vivekananda highlights the importance of work for any development.

**OUTCOME**: The students will learn to work hard with devotion and dedication.

**6. WORK BRINGS SOLACE**

**OBJECTIVE**: In this lesson Abdul Kalam highlights the advantage of work.

**OUTCOME**: The students will understand the advantages of work. They will overcome their personal problems and address themselves to national and other problems.

**Text Book** : “Sure Outcomes” by Orient Black Swan Pvt. Ltd. Publishers

**NON-DETAILED TEXT:**

**(From Modern Trailblazers of Orient Blackswan)**

**(Common single Text book for two semesters)**

**(Semester I (1 to 4 lessons)/ Semester II (5 to 8 lessons)**

1. **J.C. Bose**

**OBJECTIVE:** To apprise of J.C.Bose‟s original contributions.

**OUTCOME:** The learner will be inspired by Bose‟s achievements so that he may start his own original work.

1. **HomiJehangirBhaba**

**OBJECTIVE:** To show Bhabha as the originator of nuclear experiments in India. **OUTCOME:** The learner will be inspired by Bhabha‟s achievements so as to make his own experiments.

1. **Vikram Sarabhai**

**OBJECTIVE:** To inform the learner of the pioneering experiments conducted by Sarabhai in nuclear energy and relevance of space programmes.

**OUTCOME:** The learner will realize that development is impossible without scientific research.

1. **A Shadow- R.K.Narayan**

**OBJECTIVE:** To expose the reader to the pleasure of the humorous story

**OUTCOME:** The learner will be in a position to appreciate the art of writing a short story and try his hand at it.

**Text Book :** “Trail Blazers‟ by Orient Black Swan Pvt. Ltd. Publishers