

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY: KAKINADA****KAKINADA–533003, Andhra Pradesh, India**

R-16 Syllabus for Mechanical JNTUK

I Year-II Semester		L	T	P	C
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ENGLISH II (R161201)					

Prerequisite Course: Students are able to understand the LSRW skills along with Basic Grammar and task based Teaching.

Course Description and Objectives:

To improve the language proficiency of the students in English with emphasis on LSRW skills.

To enable the students to study and comprehend the prescribed lessons and subjects more effectively

Relating to their theoretical and practical components.

To develop the communication skills of the students in both formal and informal situations.

Course Outcomes:

Upon completion of the course, the student will be able to achieve the following outcomes.

CO	Course Outcomes	POs
1	The ultimate aim of Education is to enhance wisdom. Abdul Kalam's simple life and service to the nation inspires the readers to follow	4
2	the students to promote peaceful co-existence and universal harmony among people and society. The Achievements of C V Raman are inspiring and exemplary to the readers and all scientists	5
3	the students to manage different cultural shocks due to globalization. The seminal contributions of Homi Jehangir Bhabha to Indian nuclear programme provide an aspiration to the readers to serve the nation and strengthen it.	5
4	The theme projects society's need to re examine its traditions when they are outdated. The Scientific discoveries and inventions of Jagadish Chandra Bose provide inspiration to the readers to make their own contributions to science and technology, and strengthen the nation.	5
5	The lesson offers several inputs to protect environment for the sustainability of the future generations Prafulla Chandra Ray's scientific achievements and patriotic fervour provide inspiration to the reader.	5
6	Pupil get inspired by eminent personalities who toiled for the present day advancement of software development The lesson provides inspiration to the readers to think and tap their innate talents	5



Syllabus:

UNIT- I: The Greatest Resource- Education' from English Encounters.

Objective: Schumacher describes the education system by saying that it was mere training, something more than mere knowledge of facts.

OUTCOME: The lesson underscores that the ultimate aim of Education is to enhance wisdom.

Unit 2: A Dilemma' from English Encounters

Objective: The lesson centres on the pros and cons of the development of science and technology.

OUTCOME: The lesson enables the students to promote peaceful co-existence and universal harmony among people and society.

'C V Raman' from The Great Indian Scientists.

OBJECTIVE: The lesson highlights the dedicated research work of C V Raman and his achievements in Physics.

OUTCOME: The Achievements of C V Raman are inspiring and exemplary to the readers and all scientists.

Unit 3: Cultural Shock': Adjustments to new Cultural Environments from English Encounters.

Objective: The lesson depicts of the symptoms of Cultural Shock and the aftermat consequences

OUTCOME: The lesson imparts the students to manage different cultural shocks due to globalization.

'Homi Jahangir Bhabha' from The Great Indian Scientists.

OBJECTIVE: The lesson highlights Homi Jehangir Bhabha's contributions to Indian nuclear programme as architect.

OUTCOME: The seminal contributions of Homi Jahangir Bhabha to Indian nuclear programme provide an aspiration to the readers to serve the nation and strengthen it.

Unit 4: 'The Lottery' from English Encounters.

OBJECTIVE: The lesson highlights insightful commentary on cultural traditions.

OUTCOME: The theme projects society's need to re examine its traditions when they are outdated.

'Jagadish Chandra Bose' from The Great Indian Scientists.

OBJECTIVE: The lesson gives an account of the unique discoveries and inventions of Jagadish Chandra Bose in Science.

OUTCOME: The Scientific discoveries and inventions of Jagadish Chandra Bose provide inspiration to the readers to make their own contributions to science and technology, and strengthen the nation.



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Unit 5 The Health Threats of Climate Change' from English Encounters.

OBJECTIVE: The essay presents several health disorders that spring out due to environmental changes

OUTCOME: The lesson offers several inputs to protect environment for the sustainability of the future generations.' Prafulla Chandra Ray' from The Great Indian Scientists.

OBJECTIVE: The lesson given an account of the experiments and discoveries in Pharmaceuticals of Prafulla Chandra Ray.

OUTCOME: Prafulla Chandra Ray's scientific achievements and patriotic fervour provide inspiration to the reader.

Unit: 6 The Chief Software Architect' from English Encounters

OBJECTIVE: The lesson supports the developments of technology for the betterment of human life.

OUTCOME: Pupil get inspired by eminent personalities who toiled for the present day advancement of software development.

' Srinivasa Ramanujan' from The Great Indian Scientists.

OBJECTIVE: The lesson highlights the extraordinary achievements of Srinivasa Ramanujan, a great mathematician and the most romantic figure in mathematics.

OUTCOME: The lesson provides inspiration to the readers to think and tap their innate talents.

Text books : English Encounters
The Great Indian Scientists.