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DEPARTMENT OF MECHANICAL ENGINEERING

COMMUNICATION COURSE

- Functional English for Beginners
- Functional English for intermediate

COMMUNITY SERVICE

- Community connect

COURSE RELEVANT TO HUMAN VALUES

- Values and Ethics

COURSE RELEVANT TO CULTURE

- Evolution of Indian Culture

COURSE FOR CAMPUS DRIVE

- Boot Camp

COURSE FOR ENVIRONMENT

- Environmental Science



BROCHURE FOR VALUE ADDED COURSES

DEPARTMENT OF MECHANICAL ENGINEERING

SCHOOL OF ENGINEERING AND TECHNOLOGY

ABOUT THE DEPARTMENT

- ✓ Department of Mechanical engineering is one of the premier departments of School of Engineering and Technology, Sharda University. The department offers B.Tech, B M.Tech Programs. The department has people of eminence from academia as well as industry, who have exposure to future cutting – edge research programs in the field of design, manufacturing, thermal, composite, industry 4.0.

VALUE ADDED COURSES (VAC)

- ✓ The Value Added Education Courses aim to provide additional learner centric graded skill oriented technical training, with the primary objective of improving the employability skills of students.

PURPOSE OF VALUE ADDED COURSES

- ✓ VACs are relevant academic method in order to fill the gaps in students' knowledge and add competitive edge to their job prospects. A well-defined system of offering VACs in the courses makes them extremely useful for improving employability quotient of students by building a range of competencies.
- ✓ VAC can also serve as top-up courses to make students industry-ready by exposing them to the current technology and practices than those covered in their formal degree courses.

VALUE ADDED COURSES OFFERED

1. Community Connect: This course is introduced to connect our students with community and understand the applications and scope of Mechanical engineering for community. They can connect their knowledge to apply real time problems of society.

2. Functional English for Beginners/Intermediate: The aim of Functional English is to develop communicative skills of the learners in listening, speaking, writing and reading. The main focus is on how English is used in real-life situations. Through the items listed in the syllabus the learners are expected to develop fluency in conversation and efficiency in interactional skills. They are also expected to learn to use grammar communicatively so that they become effective and efficient communicators in English.

3. Values and Ethics: The aim of the course is to enhance the value and ethics among the students. Value determines what is right and what is wrong and doing what is right and what is wrong is what we mean by ethics.

4. Boot Camp: This course is used for the preparation of students for placement purpose and personality development. The course is added to refresh student's knowledge and readiness up to industry standards

5. Evolution of Indian Culture: The aim of the course is to describe the evolution of Indian culture. India is one of the ancient civilizations of the world which has stood the test of time. In fact what makes Indian culture unique among other ancient civilizations is its ability to accommodate and assimilate external influences and weave them into its own cultural fabric. Indian art, architecture, music, language, philosophy and religion reflect this diversity of influence that has occurred through centuries

6. Environmental Science: This course aims to describe the importance of environmental sciences. Environmental Sciences is a field that studies the natural processes, their causes and effects. It involves both field work, lab research and testing. This means that theoretical and practical aspects will blend together perfectly in order to draw conclusions and find solutions.