

**The attributes of the program: (AP)**

**AP1.** Master a wide spectrum of engineering knowledge and specialized skills and can apply acquired knowledge using theories and abstract thinking in real life situations.

**AP2.** Apply analytic critical and systemic thinking to identify, diagnose and solve engineering problems with a wide range of complexity and variation.

**AP3.** Behave professionally and adhere to engineering ethics and standards.

**AP4.** Work in and lead a heterogeneous team of professionals from different engineering specialties and assume responsibility for own and team performance.

**AP5.** Recognize his/her role in promoting the engineering field and contribute to the development of the profession and the community.

**AP6.** Value the importance of the environment, both physical and natural, and work to promote sustainability principles.

**AP7.** Use techniques, skills, and modern engineering tools necessary for engineering practice.

**AP8.** Assume full responsibility for own learning and self-development, engage in lifelong learning and demonstrate the capacity to engage in post- graduate and research studies.

**AP9.** Communicate effectively using different modes, tools and languages with various audiences; to deal with academic/professional challenges in a critical and creative manner.

**AP10.** Demonstrate leadership qualities, business administration and entrepreneurial skills.

**AP11.** Value the importance of scientific research and its rules of developing the society.