

Skills matrix related to Civil engineering program

- 1.** Ability to apply basic sciences, and engineering to design a system or process or experiment and the ability to conduct experiments, as well as to analyze and interpret data.
- 2.** Ability to identify, formulates, and solves engineering problems.
- 3.** Ability to function on multidisciplinary teams, communicate effectively and understand professional and ethical responsibilities.
- 4.** Knowledge of scientific and engineering contemporary issues, understand the impact of engineering solutions and recognize the need for life-long learning.
- 5.** Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.