



Program Aims

- 1- Apply knowledge of mathematics, science, and engineering concepts to solve fundamental engineering problems, and to design a sys. components, and process to meet the req needs within realistic constraints and interpret its data.
- 2- Communicate and work effectively within multi-disciplinary teams and show contextual understanding as well as professional and ethical responsibilities considering the impacts of engineering solutions on society.
- 3- Encourage the in-self and life-long learning to acquire the required knowledge, skills, techniques, and the appropriate engineering tools, and apply them to the most recent and contemporary engineering issues and make the decisions related to managing projects.
- 4- Apply basic knowledge of science to conduct experiments that help in the design of digital biomedical systems and solving problems at the interface of engineering and biology.
- 5- Use modern techniques and skills to design biomedical systems in a teamwork manner considering professional and ethical responsibilities in biology and evaluate the economics, technical aspects, and societal impact of these biomedical systems.
- 6- Acquire modern technical awareness and use the accumulated knowledge to implement all the phases of the development life cycle of medical systems that are associated with the interaction between living and non-living materials and identify patents, marketing, the regulatory environment, and quality control issues of these systems

Program mission

Preparation excellent engineers and the pioneers qualified in Biomedical Engineering. In order to be capable of computation Locally and Regionally in the fields of practical applications and scientific research to be a role model in the development of society and Resources development

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Program Coordinator
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