

❖ Course Title	An introduction to Tissue Engineering
❖ About this course	The interdisciplinary of tissue engineering includes engineering, biologists, and physicians that collaborate with a variety of tools for regeneration of tissue/ organ. The workshop is focused on engineering approaches. In fabrication of constructs which is used in tissue engineering.
❖ Audience: Level (BSc. MSc., PhD, etc.)	All Levels
❖ Department ❖ Instructor	Stem Cells (Germ cells)
❖ Modules/Resources	The workshop main topics include: 1- basics of the cell culture 2- Decellularization of native tissue. 3- Electrospinning for nanofiber fabrication. 4- Hydrogel in TE. 5- Bio printing & rapid prototypal. 6- Drug delivery system. 7- Biological characterization in TE.
❖ Course Requirements	-
❖ Registration Costs	250\$
❖ Duration:	2 days