

❖ Course Title	Workshop on Gene Cloning and DNA Analysis
❖ About this course	<p>Participants will learn more about:</p> <ul style="list-style-type: none"> • To impart the knowledge of basic principles of gene cloning • To perform the constituent tasks for gene cloning in the laboratory • To understand the experimental planning and execution pertaining to gene cloning
❖ Audience: Level (BSc. MSc., PhD, etc.)	All Levels
❖ Department ❖ Instructor	Genetic Dr. Amiri Yekta
❖ Modules/Resources	<ul style="list-style-type: none"> • Extraction of Plasmid • Extraction of DNA from Bacterial/Plant system and its quantification • Electrophoresis of Extracted DNA • DNA Ligation • Preparation of Competent Cells • Bacterial Genetic Transformation
❖ Course Requirements	<ul style="list-style-type: none"> • qPCR • Primer Designing
❖ Registration Costs	150 \$
❖ Duration:	2 days