

COURSE TITLE	TE142460: Special Topic in Biomedical Engineering Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVES	To have an understanding of recent progress in biomedical engineering fields.
COMPETENCY	<ul style="list-style-type: none"> • To have an understanding of application of intelligent computation in biomedical engineering. • To have an understanding of application of engineering control in rehabilitation engineering. • To have an understanding of application of methods of image analysis for biomedical images.
SUBJECTS	<ul style="list-style-type: none"> • Intelligent computation for biomedical engineering. • Control applications for rehabilitation engineering, signal and image analysis applications.
MAIN REFERENCES	<ul style="list-style-type: none"> • Selected references from journal papers consists of recent progress in BME.
OPTIONAL REFERENCES	-
PREREQUISITE	-