

Course Number and Name												
BBM 405 - Biosensors and Transducer												
Course Objectives												
<ul style="list-style-type: none"> <li>Understand the purpose of measurement, the methods of measurements, errors associated with measurements.</li> <li>Know the principle of transduction, classifications and the characteristics of different transducers and study its biomedical applications.</li> </ul>												
Prerequisites						Co-requisites						
BBT202- Biology for Engineers, BEI406- Electronic Instrumentation						NIL						
Course Outcomes (COs)												
CO1: Describe the purpose and methods of measurements.												
CO2: Explain different display and recording devices for various applications.												
CO3: Know the principle of transduction, classifications and the characteristics of different transducers and study its biomedical applications												
CO4: Remember and understand the concepts, types, working and practical applications of important biosensors.												
CO5: Know some of the commonly used biomedical transducers.												
CO6: Know the different display and recording devices.												
Student Outcomes (SOs) from Criterion 3 covered by this Course												
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k
	CO1	M	H	M	H	H	M	H			L	M
	CO2	M	H	M	H	H	M	H			L	M
	CO3	M	H	M	H	H	M	H			L	M
	CO4	M	H	M	H	H	M	H			L	M
	CO5	M	H	M	H	H	M	H			L	M
	CO6	M	H	M	H	H	M	H			L	M