

Semester	AUG 2022
Open to semester	13,21
Course code	BI6392
Course title	Immunotherapy
Credits	/2
Course Coordinator & participating faculty (if any)	Satyajit Rath
Nature of Course	Lectures
Pre-requisites	None
Objectives (goals, type of students for whom useful, outcome etc)	<p>The intention of this course is to introduce contemporary ideas and technologies related to the use of immunological interventions for therapeutic purposes.</p> <p>(Vaccines, even so-called 'therapeutic' vaccines, will not be discussed, since the ideas and technologies involved there fall in a very different domain!)</p>
Course contents (details of topics /sections with no. of lectures for each)	<p>Categories of therapeutic tools and targets of therapy that will be discussed over twelve sessions are:</p> <p>*Tools</p> <ul style="list-style-type: none"> - Antibodies, polyclonal and monoclonal, native and engineered - Cells, T cells in all their functional diversity and NK cells, native and engineered <p>*Targets</p> <ul style="list-style-type: none"> - Malignancies - Autoimmune diseases - Infectious diseases - Degenerative diseases
Evaluation /assessment	<p>End-Sem Examination-50%</p> <p>Mid-Sem Examination-50%</p> <p>Others-%</p>
Suggested readings (with full list of authors, publisher, year, edn etc.)	<p>Reading material, by way of recent reviews and research papers, will be provided a few days in advance class session by class session</p>