

**NATIONAL INSTITUTE OF TECHNOLOGY, CALICUT**

**Curriculum of III and IV Semester B.Tech Degree Programme  
in Chemical Engineering**

<b>Sem</b>		<b>Code</b>	<b>Course Title</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr</b>	<b>Total Credits</b>
<b>III</b>	1	MAU201	Mathematics III	3	1	0	3	21
	2	SHG201	Physical Chemistry	3	0	0	3	
	3	SHG202	Organic Chemistry	3	0	0	3	
	4	CHU201	Process Calculations	3	1	0	3	
	5	CHU202	Fluid and Particle Mechanics	3	1	0	3	
	6	MEU204	Machine Drawing	0	0	3	2	
	7	SHG291	Physical Chemistry Laboratory	0	0	3	2	
	8	CHU291	Fluid and Particle Mechanics Laboratory	0	0	3	2	
<b>IV</b>	1	MAU202	Mathematics IV	3	1	0	3	22
	2	CHU211	Chemical Technology I	3	0	0	3	
	3	CHU212	Material Science	3	0	0	3	
	4	CHU213	Mechanical Operations	3	0	0	3	
	5	CHU214	Heat Transfer	3	0	0	3	
	6	ECG216	Applied Electronics	3	0	0	3	
	7	CHU292	Chemical Technology Laboratory	0	0	3	2	
	8	ECG296	Electronics Laboratory	0	0	3	2	