

Department of Chemistry (From 2019 onwards)

Bachelor of Technology (All branches)

Semester-wise Course Structure

SEMESTER – 1							
Course Code	Course Title	Course Type	Contact Hours			Credit	Pre-requisites
			L	T	P	C	
CY 101	Chemistry	Sc./H	2	1	0	03	None
CY 151	Chemistry Laboratory	Sc./H (L)	0	0	2	01	None
Total Contact Hours – Component wise			2	1	2	---	
Total Contact Hours			05			04	---

SEMESTER – 2							
Course Code	Course Title	Course Type	Contact Hours			Credit	Pre-requisites
			L	T	P	C	
CY 101	Chemistry	Sc./H	2	1	0	03	None
CY 151	Chemistry Laboratory	Sc./H (L)	0	0	2	01	None
CY 102	Environmental Science	Sc./H	2	0	0	02	None
Total Contact Hours – Component wise			4	1	2	---	
Total Contact Hours			07			06	---

SEMESTER – 4							
Course Code	Course Title	Course Type	Contact Hours			Credit	Pre-requisites
			L	T	P	C	
CY 272	Chemistry of Materials	OE	2	0	0	02	None
CY 274	Biology for Engineers	OE	2	0	0	02	None
Total Contact Hours – Component wise			2	0	0	---	

Total Contact Hours	04	04	---
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SEMESTER – 5							
Course Code	Course Title	Course Type	Contact Hours			Credit	Pre-requisites
			L	T	P	C	
CY 371	Nano Science and Technology	OE	2	0	0	02	NIL
Total Contact Hours – Component wise			2	0	0	---	
Total Contact Hours			02			02	---

SEMESTER – 6							
Course Code	Course Title	Course Type	Contact Hours			Credit	Pre-requisites
			L	T	P	C	
CY 372	Instrumental Methods of Chemical Analysis	OE	2	0	0	02	NIL
Total Contact Hours – Component wise			2	0	0	---	
Total Contact Hours			02			02	---

Credit Distribution based on Research Groups

Research Group(s)	Sem -- 1	Sem -- 2	Sem – 3	Sem -- 4	Sem -- 5	Sem -- 6	Sem -- 7	Sem -- 8	Total
Organic and Biomolecular Chemistry	-	-	-	-	-	2	-	-	2
Material Chemistry	-	1	-	2	2	-	-	-	5
Theoretical and Biophysical Chemistry	-	1	-	2	-	-	-	-	3
Organic Synthesis and Polymer Chemistry	4	4	-	-	-	-	-	-	8
Total	4	6	-	4	2	2	-	-	18

CREDIT DISTRIBUTION BASED ON

