

**DEPARTMENT OF CHEMISTRY**  
**PG COURSE PATTERN (2017 - 2020)**

<b>Sem.</b>	<b>Code</b>	<b>Title of the paper</b>	<b>Hours</b>	<b>Credits</b>
I	17PCH1C01	Organic Chemistry-I	6	6
	17PCH1C02	Physical Chemistry-I	6	5
	17PCH1C03	Inorganic Chemistry-I	6	6
	17PCH1P01	Practical: Organic Analysis and Estimation	6	3
	17PCH1E1A/ 17PCH1E1B	Computers in Chemistry/ Nano Chemistry	6	4
<b>Total</b>			<b>30</b>	<b>24</b>
II	17PCH2C04	Organic Chemistry -II	6	5
	17PCH2C05	Physical Chemistry-II	6	6
	17PCH2P02	Practical: Inorganic Analysis and Estimation	6	3
	17PCH2E2A/ 17PCH2E2B	Inorganic Chemistry II / Engineering Chemistry	6	4
	17PCH2I01	Spectroscopy and Chromatography	4	3
	17PGS2S01	Soft Skill	2	1
<b>Total</b>			<b>30</b>	<b>22</b>
III	17PCH3C06	Organic Chemistry-III	6	5
	17PCH3C07	Physical Chemistry-III	6	5
	17PCH3C08	Inorganic Chemistry-III	6	6
	17PCH3P03	Practical: Physical Chemistry Experiments	6	3
	17PCH3E3A/ 17PCH3E3B	Analytical Chemistry/ Pharmaceutical Chemistry	6	4
<b>Total</b>			<b>30</b>	<b>23</b>
IV	17PCH4C09	Organic Chemistry -IV	6	5
	17PCH4C10	Physical Chemistry-IV	6	5
	17PCH4C11	Inorganic Chemistry- IV	6	5
	17PCH4R01	Project	12	6
	17PCH4A01	Comprehensive Examination	-	2*
<b>Total</b>			<b>30</b>	<b>21</b>
<b>Total for all semesters</b>			<b>120</b>	<b>90+2*</b>