

With regards to PG courses in the subject of Chemistry, it has been observed that from 1992-2002, only about 50% contents matched with the current syllabi of 2016-17 & hence, cannot be considered equivalent. However, the course contents of M.Sc Chemistry from 2002 & 2009 onwards match with the current syllabi of 2016-17 to the extent of 80% & hence, following criteria for equivalence is recommended:

Semester	1991-1992	2002 & 2009 onwards	2016-17	Remarks
Semester-I	Course-I : Inorganic Chemistry	Course-I : Inorganic Chemistry	Course-I : Inorganic Chemistry	All the papers of 1991-92 are non-equivalent to the paper of PG of 2016-17. However, papers of 2002 & 2009 onwards syllabi are equivalent with the syllabi of 2016-17
	Course-II:Organic Chemistry	Course-II:Organic Chemistry	Course-II:Organic Chemistry	
	Course-III: Physical Chemistry	Course-III: Physical Chemistry	Course-III: Physical Chemistry	
	Course-IV :Mathematics for Chemists and Applications of computer in Chemistry	Course-IV :Mathematics for Chemists and Applications of computer in Chemistry	Course-IV :Mathematics for Chemists and Applications of computer in Chemistry	
Semester-II	Course-V: Inorganic Chemistry	Course-V: Inorganic Chemistry	Course-V: Inorganic Chemistry	
	Course-VI: Organic Chemistry	Course-VI: Organic Chemistry	Course-VI: Organic Chemistry	
	Course-VII: Physical Chemistry	Course-VII: Physical Chemistry	Course-VII: Physical Chemistry	
	Course-VIII: Chemistry of Life and Environmental Chemistry	Course-VIII: Chemistry of Life and Environmental Chemistry	Course-VIII: Chemistry of Life and Environmental Chemistry	
Sem-III	Course-X :Inorganic Chemistry	Course-X :Inorganic Chemistry	Course-X :Inorganic Chemistry	
	Course-X I:Organic Chemistry	Course-X I:Organic Chemistry	Course-X I:Organic Chemistry	
	Course-X II:Physical Chemistry	Course-X II:Physical Chemistry	Course-X II:Physical Chemistry	
	Course-X III ( <i>Special Theory</i> ) Inorganic/Organic/Physical	Course-X III ( <i>Special Paper-I</i> ) :Any one of the following: Inorganic Chemistry-A Organic Chemistry-B Physical Chemistry-C	Course-X III ( <i>Special Paper-I</i> ) :Any one of the following: Inorganic Chemistry-A Organic Chemistry-B Physical Chemistry-C	
Sem-IV		Inorganic (Specialization)	<b>(A - Inorganic Chemistry specialization)</b>	

	Course-XV: Special Theory-II (Inorganic/Organic/Physical)	Course-XV A:	Course-XV A (Special Paper-II): Advanced Organometallics
	Course-XVI: Special Theory-III (Inorganic/Organic/Physical)	Course-XVIA:	Course-XVI A (Special Paper-III): Modern Techniques of Chemical Analysis
	Course-XVII: Special Theory-IV (Inorganic/Organic/Physical)	Course-XVIIA:	Course-XVII A (Special Paper-IV): Inorganic Spectroscopy
	Course-XVIII: Special Theory-V (Inorganic/Organic/Physical)	Course-XVIIIA	Course-XVIII A (Special Paper-V): Bio-Inorganic Chemistry
		<b>Organic Chemistry specialization)</b>	<b>(B - Organic Chemistry specialization)</b>
		Course-XV B:	Course-XV B (Special Paper-II): Synthetic Strategy
		Course-XVI B:	Course-XVI B (Special Paper-III): Natural products
		Course-XVII B:	Course-XVII B (Special Paper-IV): Medicinal Chemistry
		Course-XVIII B:	Course-XVIII B (Special Paper-V): Polymer Chemistry
		<b>Physical Chemistry specialization)</b>	<b>(C - Physical Chemistry specialization)</b>
		Course-XV C:	Course-XV C (Special Paper-II): Advanced Quantum Chemistry
		Course-XVI C:	Course-XVI C (Special Paper-III): Solid State Chemistry
		Course-XVII C:	Course-XVII C (Special Paper-IV): Biophysical Chemistry
		Course-XVIII C	Course-XVIII C (Special Paper-V): Chemistry of Macromolecules

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