

Lesson Plan

MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans (Odd Semester)
Session – (2021-22)

Name of the Teacher/s Dr. Rohini Kanwar

Department: Chemistry

Class: B.Sc (3rd semester)

Subject: Inorganic Chemistry

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1	11.08.2021	21.08.2021	Characteristic Properties of d-block elements	Lecture
2	23.08.2021	29.09.2021	Properties of the elements of first transition series, Simple compounds and Complexes	Lecture
3	30.09.2021	19.10.2021	Illustrating relative stability of Oxidation States, Coordination number and geometry	Lecture
4	20.10.2021	1.11.2021	General characteristic and comparative treatment with 3d-analogues	Lecture and group discussion
5	2.11.2021	12.11.2021	Werners theory and its experimental validation, Effective atomic number concept and Chelates.	Lecture
6	11.11.2021	17.11.2021	Nomenclature and isomerism of Coordination compounds	Group discussion
7	18.11.2021	24.11.2021	Valence bond theory of coordination metal complexes and their properties	Lecture
8	25.11.2021	Till exams	Uses of coordination compounds	Lecture and Group discussion

Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans

13th September, 2021

The teachers have completed the scheduled chapters and topics as shown in the lesson plan

Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans

5 th October, 2021	The teachers have completed the scheduled chapters and topics as shown in the lesson plan
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
3 rd November, 2021	The teachers have completed the scheduled chapters and topics as shown in the lesson plan
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
28 th November , 2021	The teachers have completed the scheduled chapters and topics as shown in the lesson plan
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
4 th December, 2021	The teachers have completed the scheduled chapters and topics as shown in the lesson plan

***Any of these** – (i) Lecture Method; (ii) PPT; (iii) Online Sources; (iv) Group Discussion; (v) Case Studies etc.
Other Methods adopted by the teacher – Please write the specific teaching method

Lesson Plan

MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans (Even Semester)
Session – (2021-22)

Name of the Teacher/s: Dr. Jigyasa
Department: Chemistry

Class: B.Sc (4th Semester)
Chemistry

Subject: Inorganic

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1	3-02-2022	15-02-2022	Electronic structure, oxidation states, ionic radii and lanthanide contraction.	Lecture
2	16.02.2022	28.02.2022	Complex formation, occurrence and isolation of lanthanides. General chemistry of actinides.	Lecture
3	1.03.2022	15.03.2022	Chemistry of separation of Np, Pu and Am from U. Similarity between the later actinides and the later lanthanides.	Lecture and Group Discussion
4	16.03.2022	31.03.2022	Arrhenius, Bronsted-Lowry, Lux-Flood and solvent system concept.	Lecture
5	1.4.2022	15.04.2022	Lewis concept of acids and bases. Use of redox potential data, analysis of redox cycle and redox stability in water (Frost, Latimer and Pourbaix diagram).	Lecture
6	16.04.2022	28.04.2022	Principle involved in extraction of elements. Properties and type of solvent, general characteristics of solvent.	Lecture and Group Discussion
7	29.05.2022	Till exams	Reactions in non aqueous solvent (liquid ammonia and liquid SO ₂)	Lecture

Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
5 th March, 2022	The teachers have completed the scheduled chapters and topics as shown in the lesson plan
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
4 rd April, 2022	The teachers have completed the scheduled chapters and topics as shown in the lesson plan
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
7 th May, 2022	The teachers have completed the scheduled chapters and topics as shown in the lesson plan
Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans	
15 th May, 2022	The teachers have completed the scheduled chapters and topics as shown in the lesson plan

***Any of these** – (i) Lecture Method; (ii) PPT; (iii) Online Sources; (iv) Group Discussion; (v) Case Studies etc.
Other Methods adopted by the teacher – Please write the specific teaching method