

**Assignments / Seminar Topics 2020**  
**M. Sc. II Sem.**  
**Physical Chemistry**  
**(H-2009)**

S. No.	Candidate Name	Topics of Physical Chemistry
1	ANJALI SHARMA	Collision theory of reaction rates
2	DEEPANSHU RANA	Arrhenius equation and the activated complex theory
3	GOMESH KUMAR	kinetic and thermodynamic control of reactions
4	GUNJAN RANI SEHGAL	Dynamic chain
5	HAREESH KUMAR	Photochemical reactions
6	HEMLATA RANI	Study of fast reactions
7	KAJAL SHARMA	Lindemann Hinshelwood theory
8	KM VAISHALI	RRKM theories of unimolecular reactions
9	KM MOHINEE SAINEE	Debye-Huckel - Onsager treatment and its extension
10	KM PRATIBHA JYOTI	Thermodynamics of electrified interface equations
11	KM PRATIBHA SHARMA	Lippmann equations
12	KM REKHA RANI	Hydrogen electrode
13	KM SURABHI GUPTA	Guoy -Chapman, Stern theory
14	KM SWATA	Over potentials
15	MOHD ANAS	Structure of double layer interfaces
16	MONU KUMAR	Butler -Volmer equation
17	PRITI CHAUDHARY	Structure of double layer interfaces
18	RAJNI	Corrosion
19	RENU	Polarography theory
20	SAURAB	Electrocatalysis
21	SHIVAM SHARMA	Quantum aspects of charge transfer at electrodes
22	SUMIT KUMAR SHARMA	Semiconductor interfaces

- Note:** - (i) The last date of submission of Assignments / Seminar Topics is 06-06-2020.  
(ii) 1.5 x 5 page (7.5) + Questions = 10 Marks  
(iii) Assignments / Seminar may be sent on WhatsApp group hand written or typed in pdf file  
(iv) Write name, semester and subject also.