

ENGINEERING CHEMISTRY LAB SCHEDULE
WINTER SEMESTER 2018-19 – SMV G09

Week	Date	Experiments
1.	03.12.18 to 07.12.18	General Instructions / Announcement on “Finding solutions for real world problems” based on the experiments performed in the lab / Demonstration on Handling of Instruments and Volumetric Analysis
2.	10.12.18 to 14.12.18	1. Estimation of Sulphate for Assessing Water Contamination by Conductivity Method & 2. Material Analysis: Nickel in Nickel-plated Component by Colorimetry
3.	17.12.18 to 21.12.18	2. Material Analysis: Nickel in Nickel-plated Component by Colorimetry & 1. Estimation of Sulphate for Assessing Water Contamination by Conductivity Method
22.12.18 to 02.01.19		Winter Vacation
4.	03.01.19 to 04.01.19	3. Water Purification: Hardness Estimation by EDTA method and Removal by Ion-exchange Resin & 4. Water Quality Monitoring: Total Dissolved Oxygen Assessment in different Water Samples by Winkler’s Method
5.	07.01.19 to 11.01.19	4. Water Quality Monitoring: Total Dissolved Oxygen Assessment in different Water Samples by Winkler’s Method & 3. Water Purification: Hardness Estimation by EDTA method and Removal by Ion-exchange Resin
6.	04.01.19 to 18.01.19	5. Material Analysis: Iron in Carbon Steel by Potentiometry & 6. Measurement of Retrieved Water stored in Smart Material (Hydrogel)
20.01.18 to 27.01.18		CAT-1
7.	28.01.19 to 01.02.19	6. Measurement of Retrieved Water stored in Smart Material (Hydrogel) & 5. Material Analysis: Iron in Carbon Steel by Potentiometry
8.	04.02.19 to 08.02.19	7. Polymer Characterization: Determination of Viscosity of Different Natural Polymer/Synthetic Polymers & 8. Construction and Working of an Electrochemical Cell
9.	11.02.19 to 15.02.19	8. Construction and Working of an Electrochemical Cell & 7. Polymer Characterization: Determination of Viscosity of Different Natural Polymer/Synthetic Polymers

10.	18.02.19 to 22.02.19	Experiments missed due to No Instructional Days
11.	25.02.19 to 01.03.19	Experiments missed due to No Instructional Days
03.03.18 to 09.03.18		CAT-II
12.	11.03.19 to 15.03.19	Repetition
13.	18.03.19 to 22.03.19	Idea/Project presentation on “Finding solutions for real world problems” based on the experiments performed in the lab / Viva-voce
14.	25.03.19 to 29.03.19	FINAL EXAMINATION – FAT

- **Labs missed due to “No Instructional Days” can make use of 10th and 11th weeks** (Monday – 1 lab, Tuesday – 2 labs, Wednesday – 2 labs, Thursday – 2 labs & Friday – 1 lab).
- **Repetition experiments can be conducted in 12th week.**
- **29-03-2019 (Friday) is the Last Instructional Day for Lab.**

Dr. K.K. Cheralathan
cheralathan.k@vit.ac.in
9944826771

Dr. I.V. Asharani
asharani.iv@vit.ac.in
9487240835

Dr. S. Karpagam
skarpagam@vit.ac.in
9443394653

Dr. A. Anand Prabu
anandprabu@vit.ac.in
9444686145

(B. Tech. Engineering Chemistry Lab In-charges)

HOD, Chemistry

DEAN, SAS