



Lesson Plan of Perspectives, Methodology & Introduction to Biochemistry for class BIO S1 (23-26)						
Faculty: Harisankar H.S.				Available Hours: 19 Planned Hours: 18		
Sl.No	Date	Per	Mod	Sub Topic	Mode	Remarks
1	28-07-2023	P1	1	Bridge course	L	
2	04-08-2023	P1	1	Bridge course	L	
3	11-08-2023	P1	1	Types of knowledge: Practical, Theoretical and Scientific	L	
4	18-08-2023	P1	1	Types of knowledge: Practical, Theoretical and Scientific	L	
5	25-08-2023	P1	1	Definition of science, pseudoscience and scientific attitude. Science disciplines (pure and applied)	L	
6	08-09-2023	P1	1	Scientific method- posing a question, formulating hypothesis and testing. Types of hypothesis (ad hoc and auxiliary)	L	
7	15-09-2023	P1	1	Scientific method- posing a question, formulating hypothesis and testing. Types of hypothesis (ad hoc and auxiliary)	L	
8	22-09-2023	P1	1	Reasoning- deductive and inductive. Hypothetico- deductive model	L	
9	06-10-2023	P1	1	Reasoning- deductive and inductive. Hypothetico- deductive model	L	
10	13-10-2023	P1	1	Definition of corroboration and falsification. Difference between theory, hypothesis and law	L	
11	20-10-2023	P1	1	Definition of repeatability, replication, sensitivity of instruments, accuracy and precision	L	
12	27-10-2023	P1	1	Definition of repeatability, replication, sensitivity of instruments, accuracy and precision	L	
13	03-11-2023	P1	1	Good laboratory practices. Laboratory safety and management of hazards in the laboratory (Chemical, Electrical and Fire)	L	
14	10-11-2023	P1	1	Good laboratory practices. Laboratory safety and management of hazards in the laboratory (Chemical, Electrical and Fire)	L	
15	17-11-2023	P1				Internal Exam

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16	24-11-2023	P1	1	Miller- Urey experiment, Priestley's experiment on photosynthesis & Meselson-Stahl experiment	L	
17	01-12-2023	P1	2	Basic aspects of biochemistry as the molecular logic of living organisms, characteristics of living matter, scope and applications of biochemistry	L	
18	08-12-2023	P1	2	works of Wohler, Berzelius, Miescher, Emil Fischer, Buchner, Harden and Young, Michaelis & Menton, Sumner	L	
19	15-12-2023	P1	2	Works of Krebs & Henseleit, Meyerhof, Frederick Sanger, Erwin Chargaff, Watson & Crick, GN Ramachandran and HG Khorana	L	Classes ends