Report of Bridge Course
Offered by the Department of Chemistry

Awareness of Trends in Technology
ICT AND COMMUNICATIVE -Bridge Course

Every year the department of chemistry conducted the bridge course for first year students which were considered as supplementary knowledge that can be provided to students to impart basic knowledge in them about the advanced subjects that will be taught to them in the upcoming future and were considered as valuable information that can be given to understudies to confer fundamental information in them about the serious subjects that will be educated to them in the impending future. In the academic year 2022-2023 bridge course was conducted on 12/9/2022 to 19/10/2022 with 17 students. It offers interactive and dynamic learning opportunities that engage students and help them build the skills and knowledge needed for success in college-level science courses.

Syllabus for Bridge course (2 month 22 h duration) Time 3:30 pm – 4:30 pm Teachers engaged: Dr. Santhosh Paul and Ms.Liya Francis 12st September 2022 – 19th October 2022

Mole concept. Equivalent mass. Methods of expressing concentration: Weight percentage, molality, molarity, normality, mole fraction, ppm and millimoles. Numerical Problems related to basic concepts

Introduction - Primary and secondary standards – Standard solutions - Theory of titrations involving acids and bases, KMnO4, K2Cr2O7-Theory of acid-base, redox, adsorption and complexometric indicators. Double burette method of titration

Storage and handling of chemicals. Simple first aids-Disposal of sodium and broken mercury thermometer-Personal Protective Equipment (PPE)

Training in Chem draw and Power point Presentation

List of students participated in the course:

Sl.No.	Name	Class
1.	Aleena Paul Pallipatt	I DC Chemistry
2.	Ameera Nujain V N	I DC Chemistry
3.	Anna T J	I DC Chemistry
4.	Athulya VR	I DC Chemistry
5.	Athulya KR	I DC Chemistry
6.	Aysha Rafeek	I DC Chemistry
7.	Drishya K	I DC Chemistry
8.	Indulekha KB	I DC Chemistry
9.	Meghana Mohan	I DC Chemistry
10.	Nourin K P	I DC Chemistry
11.	Shiga P Sunilkumar	I DC Chemistry
12.	Deepika K R	I DC Chemistry
13.	Krishna KT	I DC Chemistry
14.	Shana Febin O B	I DC Chemistry
15.	Praveena K P	I DC Chemistry
16.	Aparna Raj P T	I DC Chemistry
17.	Sahlathasni C A	I DC Chemistry

2022 - 2025

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		12/9/2022	13/9/2022	14/9/2022	16/9/2022	19/9/2022	20/9/2022	22/9/2022	26/9/2022	27/9/2022	28/9/2022	29/9/2022	30/9/2022	6/10/2022	7/10/2022	10/10/2022	11/10/2022	12/10/2022	13/10/2022	14/10/2022	17/10/2022	18/10/2022	19/10/22
1	ALEENA PAUL PALLIPPATT	x	x	x	x	x	x	x	x	x	x	x	x										
2	AMEERA NUJAIN V N	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		
3	ANNA T J	x	x	x	A	x	x	A	x	x	x	x	x									x	x
4	ATHULLYA VR	x	A	x	x	x																	
5	ATHULYA KR	x	x	x	x	x	x	A	x	x	x	x	A	A	A	x	x	A	x	x	A		
6	AYSHA RAFEEK	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
7	DRISHYA K	x	x	x	x	x	x	x	x	x	x	x	x	A	A	x	x	A	x	x	x	x	x
8	INDULEKHA KB	x	x	x	x	x	x	x	x	x	x	x	x	x								x	x
9	MEGHANA MOHAN	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	v		
10	NOURIN K P	x	x	x	x	x	x	x	x	x	x	x	x	A	A	x	x	x	x	x	x	x	x
11	SHIGA P SUNILKUMAR	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
12	DEEPIKA KR								x	x	x	x	x	x	x	A	x	x	x	x	x	x	x
13	KRISHNA KT								x	x	x	x	A	A	x	x	x	x	x	x	x	x	x
14	SHANA FEBIN OB								x	x	x	x	x	A	A	x	x	x	x	x	x		
15	PRAVEENA K P																x	x	x	x	x	x	x
16	APARNA RAJ P T																x	x	x	x	x	x	x
17	SAHLATHASNI C A																				x	x	x

Dr. Santhosh Paul (HoD)

Head of the Department
Department of Chemistry
Sacred Heart College (Autonomous)