STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

Course Schedule: June - November 2024

Department : CHEMISTRY

Name/s of the Faculty : DR. SHINY JOHN VAIRAMON*/DR. JANET SABINA X

Course Title : CHEMISTRY IN EVERYDAY LIFE

Course Code : 19CH/GE/CE22

Shift : I

Week & No. of hours	Units & Topics	Teaching Methodology	Text & References	Method of Evaluation
Jun 19 – 26, 2024 (Day Order 1 - 6)	Food Additives 1.1 Food Colours - Permitted and Non-	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi:	
1 Hour*	Permitted		Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002.	Group discussion
1 Hour	Cosmetics 3.1 Skin Products		Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	
Jun 27 – July 4, 2024 (Day Order 1 - 6) 1 Hour*	1.1 Artificial Sweeteners – Aspartame 3.1 Soaps and Shampoos	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL	Quiz
July 5 – 12, 2024 (Day Order 1 - 6) 1 Hour*	1.1 Saccharin and Cyclamate 3.1 Creams and Lotions	Lecture, presentation, and Group discussion	Publishing House, 2000 Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House,	Group discussion

July 15 - 23, 2024 (Day Order 1 - 6) Hour* Synthetic Lecture, presentation, and discussion Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000 Chakrabarty, B.N. Industrial Chemistry. Meerut: GOEL Publishing House, 2000 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Indu
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New Delhi: Shiv Group discussion
Narain, 2002.
Sharma B. K.
Industrial Chemistry.
Meerut: GOEL
Publishing House,
Aug 6 10 2024
Aug 6 – 10, 2024
C.A. Test – I

Aug 12 – 14, 2024 (Day Order 4-6) 1 Hour*	1.2 Stabilising and Suspending Agents – Gelatine	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	Group Discussion
Aug 16 – 23, 2024 (Day Order 1-6) 1 Hour*	1.2 Stabilising and Suspending Agents – Pectin	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New	Other component: Prepare a scrap book containing a) any two food products each to identify and specify the food
1 Hour	3.2 Perspirants		Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	colours, preservatives, flavours, stabilising and suspending agents b) any three pharmaceuticals from unit 2.1 and state the definition and specify their therapeutic uses (10 marks)
Aug 27 – Sep 3, 2024 (Day Order 1-6) 1 Hour*	1.2 Toxic Effects of Food Additives	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial	Case Study
1 Hour	3.3 Toxicology of Cosmetics		Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	

Sep 4 – 11, 2024	1.2 Toxic Effects of	Lecture,	Gem Mathew	Case Study
(Day Order 1-6) 1 Hour*	Food Additives	presentation, and discussion	G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial	
1 Hour	3.3 Toxicology of Cosmetics		Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	
Sep 12 - 20, 2024	2. Pharmaceuticals	Lecture,	Gem Mathew	Other
(Day Order 1- 6) 1 Hour*	Antimalarials, Antipyretics, Analgesics, Antiseptics Unit 2	presentation, and Group discussion	G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv	component: Preparation and exhibition of any two products (do it yourself) from unit 3.1and 3.2. (15 marks)
1 Hour	Pharmaceuticals and Neutraceuticals 2.2 Nutraceuticals — Vitamins - Water and Fat Soluble		Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	
Sep 23 - 26, 2024 (Day Order 1-4) 1 Hour	2.2 Minerals and Trace Elements	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	Quiz
Sep 27 – Oct 3, 2024	C.A. Test – II			

Oct 4 – 5, 2024 (Day 5 & 6) 1 Hour*	2.1 Antibiotics-Antacids, Antihistamines	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	C.A. Test (25 marks)
Oct 7 - 15, 2024 (Day Order 1 to 6) 1 Hour*	2.1 Chemotherapy – Definition and Therapeutic Uses 2.2 Antioxidants. Role of Nutraceuticals in Disease Prevention	Lecture, presentation, and discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	Quiz
Oct 16 - 22, 2024 (Day Order 1 to 6) 1 Hour*	2.1 Diabetes - Types and Causes	Lecture, presentation, and Group discussion	Gem Mathew G.D. Chemistry in Everyday Life. Jalandhar-Delhi: Vishal, 2009 Chakrabarty, B.N. Industrial Chemistry. New Delhi: Shiv Narain, 2002. Sharma B. K. Industrial Chemistry. Meerut: GOEL Publishing House, 2000	Group Discussion
Oct 23 - 24, 2024 (Day Order 1 to 2)	REVISION			