



ज्ञानगंगा घरोघरी

Yashwantrao Chavan Maharashtra Open University, Nashik - 422 222

SUBJECT: Counselling Schedules for current year (2020-2021)

V92: Bachelor of Science (Physics, Chemistry, Mathematics)

C.S. No.	Course Code And Name	Month	Date	Time	Theory/ Practical course	Topic
1.	AEC111 : English Communication	August	02/08/2020	9:30am -10:30am	Theory	Introduction, Language of Communication, Speaking Skills
2.		August	09/08/2020	9:30am -10:30am		Understanding the Basis of Verbal Communication, Working with Customers
3.		August	16/08/2020	9:30am -10:30am		Developing Professional Telephone Skills, Improving Informal Communication
4.		August	23/08/2020	9:30am -10:30am		Reading and Understanding, Writing Skills,
5.		September	30/08/2020	9:30am -10:30am		Uncovering the Secrets of Clear writing, Communicating with E-Mail and Memos
6.		September	06/09/2020	9:30am -10:30am		Developing Reports and Proposals, Writing for Employment
7.		September	13/09/2020	9:30am -10:30am		Identifying and Defining Problems
8.		September	20/09/2020	9:30am -10:30am		Solving the Problem, Thinking Critically
9.		September	27/09/2020	9:30am -10:30am		Group Decision Making and Problem Solving
10.		October	04/10/2020	9:30am -10:30am		Working in Groups and Teams
11.		October	11/10/2020	9:30am -10:30am		Exploring Team Roles and Processes, Building and

						Developing Teams
12.		October	18/10/2020	9:30am -10:30am		Presenting yourself Professionally, Developing Your Interpersonal Skills
13.		October	25/10/2020	9:30am -10:30am		Backlog Clearance
14.		November	01/11/2020	9:30am -10:30am		Conduction of CA
15.		November	08/11/2020	9:30am -10:30am		Guidance for End Exam
16.	S34121: Physics- 01	August	02/08/2020	10:30am -11:30am	Theory	Ordinary Differential Equations
17.		August	09/08/2020	10:30am -11:30am		Laws of Motion
18.		August	16/08/2020	10:30am -11:30am		Dynamics of a system of particles, Centre of Mass.
19.		August	23/08/2020	10:30am -11:30am		Vectors
20.		September	30/08/2020	10:30am -11:30am		Momentum and Energy
21.		September	06/09/2020	10:30am -11:30am		Rotational Motion
22.		September	13/09/2020	10:30am -11:30am		Gravitation
23.		September	20/09/2020	10:30am -11:30am		Oscillations
24.		September	27/09/2020	10:30am -11:30am		Kinetic and Potential Energy, Total Energy and their time averages
25.		October	04/10/2020	10:30am -11:30am		Elasticity
26.		October	11/10/2020	10:30am -11:30am		Special Theory of Relativity
27.		October	18/10/2020	10:30am -11:30am		Relativistic addition of velocities
28.		October	25/10/2020	10:30am -11:30am		Backlog Clearance
29.		November	01/11/2020	10:30am -11:30am		Conduction of CA
30.		November	08/11/2020	10:30am -11:30am		Guidance for End Exam
31.		August	02/08/2020	11:30am -12:30pm		Atomic Structure
32.		August	09/08/2020	11:30am -12:30pm		Quantum mechanics
33.		August	16/08/2020	11:30am -12:30pm		Electronic configurations of the atoms
34.		August	23/08/2020	11:30am -12:30pm		Ionic Bonding
35.		September	30/08/2020	11:30am -12:30pm		Covalent bonding

36.	S37131: Chemistry-01	September	06/09/2020	11:30am -12:30pm	Theory	Resonance and resonating structures, MO Approach
37.		September	13/09/2020	11:30am -12:30pm		Physical Effects, Electronic Displacements
38.		September	20/09/2020	11:30am -12:30pm		Structure, shape and reactivity of organic molecules, Reactive Intermediates
39.		September	27/09/2020	11:30am -12:30pm		Strength of organic acids and bases, Stereochemistry
40.		October	04/10/2020	11:30am -12:30pm		Aliphatic Hydrocarbons
41.		October	11/10/2020	11:30am -12:30pm		Alkanes, Alkenes, Alkynes
42.		October	18/10/2020	11:30am -12:30pm		Reactions
43.		October	25/10/2020	11:30am -12:30pm		Backlog Clearance
44.		November	01/11/2020	11:30am -12:30pm		Conduction of CA
45.		November	08/11/2020	11:30am -12:30pm		Guidance for End Exam
46.	S41141 : Mathematics- 01	August	02/08/2020	12:30pm - 1:30pm	Theory	Limit and Continuity
47.		August	09/08/2020	12:30pm - 1:30pm		Types of discontinuities
48.		August	16/08/2020	12:30pm - 1:30pm		Differentiability of functions
49.		August	23/08/2020	12:30pm - 1:30pm		Successive differentiation, Leibnitz's theorem
50.		September	30/08/2020	12:30pm - 1:30pm		Partial differentiation, Euler's theorem on homogeneous functions
51.		September	06/09/2020	12:30pm -1:30pm		Tangents and normal, Curvature, Asymptotes, Singular points,
52.		September	13/09/2020	12:30pm -1:30pm		Parametric representation of curves and tracing of parametric curves
53.		September	20/09/2020	12:30pm -1:30pm		Rolle's theorem, Mean Value theorems
54.		September	27/09/2020	12:30pm -1:30pm		Taylor's theorem with Lagrange's and Cauchy's forms of remainder
55.		October	04/10/2020	12:30pm -1:30pm		Maxima and Minima, Indeterminate forms.
56.		October	11/10/2020	12:30pm -1:30pm		Taylor's series
57.		October	18/10/2020	12:30pm -1:30pm		Maclaurin's series
58.		October	25/10/2020	12:30pm -1:30pm		Backlog Clearance
59.		November	01/11/2020	12:30pm -1:30pm		Conduction of CA

60.		November	08/11/2020	12:30pm - 1:30pm		Guidance for End Exam
61.	S34122 : Physics-01	August	02/08/2020	2:30pm - 4:30pm	Practical	Measurements of length (or diameter) using Vernier calliper
62.		August	09/08/2020	2:30pm - 4:30pm		Measurements of length (or diameter) using screw gauge
63.		August	16/08/2020	2:30pm - 4:30pm		Measurements of length (or diameter) using travelling microscope
64.		August	23/08/2020	2:30pm - 4:30pm		To determine the Height of a Building using a Sextant
65.		September	30/08/2020	2:30pm - 4:30pm		To determine the Moment of Inertia of a Flywheel.
66.		September	06/09/2020	2:30pm - 4:30pm		To determine the Young's Modulus of a Wire by Optical Lever Method
67.		September	13/09/2020	2:30pm - 4:30pm		To determine the Modulus of Rigidity of a Wire by Maxwell's needle
68.		September	20/09/2020	2:30pm - 4:30pm		To determine the Elastic Constants of a Wire by Searle's method.
69.		September	27/09/2020	2:30pm - 4:30pm		To determine g by Bar Pendulum
70.		October	04/10/2020	2:30pm - 4:30pm		To determine g by Kater's Pendulum.
71.		October	11/10/2020	2:30pm - 4:30pm		To determine g and velocity for a freely falling body using Digital Timing Technique
72.		October	18/10/2020	2:30pm - 4:30pm		To study the Motion of a Spring and calculate (a) Spring Constant (b) Value of g
73.		October	25/10/2020	2:30pm - 4:30pm		Backlog Clearance
74.		November	01/11/2020	2:30pm - 4:30pm		Conduction of CA
75.		November	08/11/2020	2:30pm - 4:30pm		Guidance for End Exam
76.		August	02/08/2020	4:30pm - 6:30pm		Estimation of sodium carbonate and sodium hydrogen carbonate present in a mixture
77.		August	09/08/2020	4:30pm - 6:30pm		Estimation of oxalic acid by titrating it with KMnO_4 .
78.		August	16/08/2020	4:30pm - 6:30pm		Estimation of water of crystallization in Mohr's salt by titrating with KMnO_4 .

79.	S37132: Chemistry- 01	August	23/08/2020	4:30pm - 6:30pm	Practical	Estimation of Fe (II) ions by titrating it with K ₂ Cr ₂ O ₇ using internal indicator		
80.		September	30/08/2020	4:30pm - 6:30pm		Estimation of Cu (II) ions eudiometrically using Na ₂ S ₂ O ₃ .		
81.		September	06/09/2020	4:30pm - 6:30pm		Detection of extra elements (N, S, Cl, Br, I) in organic compounds		
82.		September	13/09/2020	4:30pm - 6:30pm		Separation of mixtures by Chromatography		
83.		September	20/09/2020	4:30pm - 6:30pm		Measure the R _f value in each case(combination of two compounds to be given)		
84.		September	27/09/2020	4:30pm - 6:30pm		Identify and separate the components of a given mixture of two amino acids (glycine) by paper chromatography		
85.		October	04/10/2020	4:30pm - 6:30pm		Identify and separate the components of a given mixture of two amino acids(aspartic acid) by paper chromatography		
86.		October	11/10/2020	4:30pm - 6:30pm		Identify and separate the components of a given mixture of two amino acids(glutamic acid) by paper chromatography		
87.		October	18/10/2020	4:30pm - 6:30pm		Identify and separate the sugars present in the given mixture by paper chromatography.		
88.		October	25/10/2020	4:30pm - 6:30pm		Backlog Clearance		
89.		November	01/11/2020	4:30pm - 6:30pm		Conduction of CA		
90.		November	08/11/2020	4:30pm - 6:30pm		Guidance for End Exam		
91.		S41142 : Mathematics - 01	November	02/08/2020		9:30am 11:30am	Practical	Assignment 01 on Limit
92.			November	09/08/2020		11:30am 1:30pm		Assignment 02 on Differentiation
93.	November		16/08/2020	2:30pm 4:30pm	Assignment 03 on Tangents			
94.	November		23/08/2020	4:30pm 6:30pm	Assignment 04 on Normal			
95.	November		30/08/2020	9:30am 11:30am	Assignment 05 on Curves			
96.	November		06/09/2020	11:30am 1:30pm	Assignment 06 on Rolle's, and			
97.	November		13/09/2020	2:30pm 4:30pm	Assignment 07 on Mean Value			

98.		November	20/09/2020	4:30pm 6:30pm		Assignment 08 on Taylor's theorem
99.		November	27/09/2020	9:30am 11:30am		Assignment 09 on Maclaurin's series
100.		November	04/10/2020	11:30am 1:30pm		Assignment 10 on Maxima
101.		November	11/10/2020	2:30pm 4:30pm		Assignment 11 on Minima
102.		November	18/10/2020	4:30pm 6:30pm		Assignment 12 on Indeterminate forms
103.		November	25/10/2020	11:30am 1:30pm		Backlog Clearance
104.		November	01/11/2020	2:30pm 4:30pm		Conduction of CA
105.		November	08/11/2020	4:30pm 6:30pm		Guidance for End Exam
106.	SEC311: IT and E Learning Skills	August	02/08/2020	9:30am -10:30am	Theory	Block Diagram of a Computer
107.		August	09/08/2020	9:30am -10:30am		Input & Output Devices
108.		August	16/08/2020	9:30am -10:30am		Memory
109.		August	23/08/2020	9:30am -10:30am		Functions of Operating System
110.		September	30/08/2020	9:30am -10:30am		Utility Programs: Antivirus, CD/DVD burner, VLC media player, Adobe Reader
111.		September	06/09/2020	9:30am -10:30am		Word-processing, Presentation, Spread sheets
112.		September	13/09/2020	9:30am -10:30am		E-Learning definition, scope, trends, attributes & opportunities
113.		September	20/09/2020	9:30am -10:30am		Pedagogical designs for e-learning
114.		September	27/09/2020	9:30am -10:30am		Online learning management systems
115.		October	04/10/2020	9:30am -10:30am		Online learning course development models
116.		October	11/10/2020	9:30am -10:30am		Evaluating the impacts of e-learning
117.		October	18/10/2020	9:30am -10:30am		Management and implementation of e-learning
118.		October	25/10/2020	9:30am -10:30am		Backlog Clearance
119.		November	01/11/2020	9:30am -10:30am		Conduction of CA
120.	November	08/11/2020	9:30am -10:30am	Guidance for End Exam		
121.		August	02/08/2020	10:30am -11:30am		Zeroth Law of thermodynamics
122.		August	09/08/2020	10:30am -11:30am		First Law of thermodynamics and its Application
123.		August	16/08/2020	10:30am -11:30am		Various Thermodynamical Processes

124.	S34321: Physics-03	August	23/08/2020	10:30am -11:30am	Theory	Second Law of thermodynamics		
125.		September	30/08/2020	10:30am -11:30am		Third Law of thermodynamics		
126.		September	06/09/2020	10:30am -11:30am		Joule-Thompson Effect		
127.		September	13/09/2020	10:30am -11:30am		Kinetic Theory of Gases		
128.		September	20/09/2020	10:30am -11:30am		Transport Phenomena: Viscosity, Conduction and Diffusion		
129.		September	27/09/2020	10:30am -11:30am		Theory of Radiation		
130.		October	04/10/2020	10:30am -11:30am		Maxwell-Boltzmann law		
131.		October	11/10/2020	10:30am -11:30am		Fermi-Dirac distribution law		
132.		October	18/10/2020	10:30am -11:30am		Bose-Einstein distribution law		
133.		October	25/10/2020	10:30am -11:30am		Backlog Clearance		
134.		November	01/11/2020	10:30am -11:30am		Conduction of CA		
135.		November	08/11/2020	10:30am -11:30am		Guidance for End Exam		
136.		S37331: Chemistry- 03	August	02/08/2020		11:30am -12:30pm	Theory	Thermodynamics of ideal solutions
137.			August	09/08/2020		11:30am -12:30pm		Partial miscibility of liquids
138.			August	16/08/2020		11:30am -12:30pm		Phase Equilibrium
139.	August		23/08/2020	11:30am -12:30pm	Conductance			
140.	September		30/08/2020	11:30am -12:30pm	Electrochemistry			
141.	September		06/09/2020	11:30am -12:30pm	Thermodynamics of a reversible cell, calculation of thermodynamic properties			
142.	September		13/09/2020	11:30am -12:30pm	Organic Chemistry			
143.	September		20/09/2020	11:30am -12:30pm	Amines and Diazonium Salts. Amines (Aliphatic and Aromatic)			
144.	September		27/09/2020	11:30am -12:30pm	Diazonium salts: Preparation: from aromatic amines. Reactions			
145.	October		04/10/2020	11:30am -12:30pm	Amino Acids, Peptides and Proteins			
146.	October		11/10/2020	11:30am -12:30pm	Carbohydrates			
147.	October		18/10/2020	11:30am -12:30pm	Determination of configuration of monosaccharaides			
148.	October		25/10/2020	11:30am -12:30pm	Backlog Clearance			

149.		November	01/11/2020	11:30am - 12:30pm		Conduction of CA
150.		November	08/11/2020	11:30am - 12:30pm		Guidance for End Exam
151.	S41341: Mathematics- 03	August	02/08/2020	12:30pm - 1:30pm	Theory	Finite and infinite sets
152.		August	09/08/2020	12:30pm - 1:30pm		completeness property of R, Archimedean property of R, intervals
153.		August	16/08/2020	12:30pm - 1:30pm		Concept of cluster points and statement of Bolzano-Weierstrass theorem.
154.		August	23/08/2020	12:30pm - 1:30pm		Real Sequence, Bounded sequence, Cauchy convergence criterion for sequences
155.		September	30/08/2020	12:30pm - 1:30pm		Cauchy's theorem on limits, order preservation and squeeze theorem
156.		September	06/09/2020	12:30pm - 1:30pm		Monotone sequences and their convergence (monotone convergence theorem without proof)
157.		September	13/09/2020	12:30pm - 1:30pm		Infinite series, Cauchy convergence criterion for series
158.		September	20/09/2020	12:30pm - 1:30pm		positive term series, geometric series, alternating series
159.		September	27/09/2020	12:30pm - 1:30pm		Leibnitz's test, Root test, Ratio test
160.		October	04/10/2020	12:30pm - 1:30pm		Sequences and series of functions
161.		October	11/10/2020	12:30pm - 1:30pm		Mn-test, M-test
162.		October	18/10/2020	12:30pm - 1:30pm		differentiability of functions, Power series and radius of convergence
163.		October	25/10/2020	12:30pm - 1:30pm		Backlog Clearance
164.		November	01/11/2020	12:30pm - 1:30pm		Conduction of CA
165.		November	08/11/2020	12:30pm - 1:30pm		Guidance for End Exam
166.		August	02/08/2020	2:30pm - 4:30pm		To determine Mechanical Equivalent of Heat, J, by Callender and Barne's constant flow method
167.		August	09/08/2020	2:30pm - 4:30pm		Measurement of Planck's constant using black body radiation
168.		August	16/08/2020	2:30pm - 4:30pm		To determine Stefan's Constant

169.	S34322: Physics - 03	August	23/08/2020	2:30pm - 4:30pm	Practical	To determine the coefficient of thermal conductivity of copper by Searle's Apparatus
170.		September	30/08/2020	2:30pm - 4:30pm		To determine the Coefficient of Thermal Conductivity of Cu by Angstrom's Method.
171.		September	06/09/2020	2:30pm - 4:30pm		To determine the coefficient of thermal conductivity of a bad conductor by Lee
172.		September	13/09/2020	2:30pm - 4:30pm		To determine the coefficient of thermal conductivity of a bad conductor by Charlton's disc method
173.		September	20/09/2020	2:30pm - 4:30pm		To determine the temperature co-efficient of resistance by Platinum resistance thermometer
174.		September	27/09/2020	2:30pm - 4:30pm		To study the variation of thermoemf across two junctions of a thermocouple with temperature
175.		October	04/10/2020	2:30pm - 4:30pm		To record and analyse the cooling temperature of an hot object as a function of time using a thermocouple and suitable data acquisition system
176.		October	11/10/2020	2:30pm - 4:30pm		To calibrate Resistance Temperature Device (RTD) using Null Method
177.		October	18/10/2020	2:30pm - 4:30pm		To calibrate Resistance Temperature Device (RTD) using Off-Balance Bridge
178.		October	25/10/2020	2:30pm - 4:30pm		Backlog Clearance
179.		November	01/11/2020	2:30pm - 4:30pm		Conduction of CA
180.		November	08/11/2020	2:30pm - 4:30pm		Guidance for End Exam
181.	S37332: Chemistry - 03	August	02/08/2020	4:30pm - 6:30pm	Practical	Study of the equilibrium of one of the given reactions by the distribution method
182.		August	09/08/2020	4:30pm - 6:30pm		Construction of the phase diagram of a binary system (simple eutectic) using cooling curves.
183.		August	16/08/2020	4:30pm - 6:30pm		Determination of the critical solution temperature and composition of the Phenol water system and study of the effect of impurities on it.
184.		August	23/08/2020	4:30pm - 6:30pm		Study of the variation of mutual solubility temperature with concentration for the phenol water

					system and determination of the critical solubility temperature
185.		September	30/08/2020	4:30pm - 6:30pm	Determination of cell constant
186.		September	06/09/2020	4:30pm - 6:30pm	Determination of equivalent conductance, degree of dissociation and dissociation constant of a weak acid.
187.		September	13/09/2020	4:30pm - 6:30pm	Perform the following conductometric titrations: Strong acid vs. strong base
188.		September	20/09/2020	4:30pm - 6:30pm	Separation of amino acids by paper chromatography
189.		September	27/09/2020	4:30pm - 6:30pm	Determination of the concentration of glycine solution by formulation method.
190.		October	04/10/2020	4:30pm - 6:30pm	Titration curve of glycine
191.		October	11/10/2020	4:30pm - 6:30pm	Action of salivary amylase on starch
192.		October	18/10/2020	4:30pm - 6:30pm	Effect of temperature on the action of salivary amylase on starch.
193.		October	25/10/2020	4:30pm - 6:30pm	Backlog Clearance
194.		November	01/11/2020	4:30pm - 6:30pm	Conduction of CA
195.		November	08/11/2020	4:30pm - 6:30pm	Guidance for End Exam
196.	S41342: Mathematics - 03	November	02/08/2020	9:30am - 11:30am	Practical Assignment 01
197.		November	09/08/2020	11:30am - 1:30pm	Assignment 02
198.		November	16/08/2020	2:30pm - 4:30pm	Assignment 03
199.		November	23/08/2020	4:30pm - 6:30pm	Assignment 04
200.		November	30/08/2020	9:30am - 11:30am	Assignment 05
201.		November	06/09/2020	11:30am - 1:30pm	Assignment 06
202.		November	13/09/2020	2:30pm - 4:30pm	Assignment 07
203.		November	20/09/2020	4:30pm - 6:30pm	Assignment 08
204.		November	27/09/2020	9:30am - 11:30am	Assignment 09
205.		November	04/10/2020	11:30am 1:30pm	Assignment 10
206.		November	11/10/2020	2:30pm 4:30pm	Assignment 11

207.		November	18/10/2020	4:30pm 6:30pm		Assignment 12
208.		November	25/10/2020	9:30am 11:30am		Backlog Clearance
209.		November	01/11/2020	11:30am 1:30pm		Conduction of CA
210.		November	08/11/2020	2:30pm 4:30pm		Guidance for End Exam
211.	SEC511: Financial and Investment skills	August	02/08/2020	9:30am -10:30am	Theory	Introduction to Stock Markets - 01
212.		August	09/08/2020	9:30am -10:30am		Introduction to Stock Markets - 02
213.		August	16/08/2020	9:30am -10:30am		Introduction to Stock Markets - 03
214.		August	23/08/2020	9:30am -10:30am		Fundamental Analysis - 01
215.		September	30/08/2020	9:30am -10:30am		Fundamental Analysis - 02
216.		September	06/09/2020	9:30am -10:30am		Fundamental Analysis – 03
217.		September	13/09/2020	9:30am -10:30am		Technical Analysis - 01
218.		September	20/09/2020	9:30am -10:30am		Technical Analysis - 02
219.		September	27/09/2020	9:30am -10:30am		Technical Analysis – 03
220.		October	04/10/2020	9:30am -10:30am		Markets and Taxation
221.		October	11/10/2020	9:30am -10:30am		Trading Psychology and Risk Management
222.		October	18/10/2020	9:30am -10:30am		Mutual Funds And Financial Planning
223.		October	25/10/2020	9:30am -10:30am		Backlog Clearance
224.		November	01/11/2020	9:30am -10:30am		Conduction of CA
225.		November	08/11/2020	9:30am -10:30am		Guidance for End Exam
226.		S34521: Physics-05	August	02/08/2020		10:30am -11:30am
227.	August		09/08/2020	10:30am -11:30am	Boolean Algebra	
228.	August		16/08/2020	10:30am -11:30am	Binary Addition and Subtraction	
229.	August		23/08/2020	10:30am -11:30am	Semiconductor Devices	
230.	September		30/08/2020	10:30am -11:30am	Amplifiers	
231.	September		06/09/2020	10:30am -11:30am	Bipolar Junction transistors	
232.	September		13/09/2020	10:30am -11:30am	Operational Amplifiers (Black Box approach)	
233.	September		20/09/2020	10:30am -11:30am	Applications of Op-Amps	
234.	September		27/09/2020	10:30am -11:30am	Sinusoidal Oscillators	

235.		October	04/10/2020	10:30am -11:30am		Introduction to CRO
236.		October	11/10/2020	10:30am -11:30am		Power Supply
237.		October	18/10/2020	10:30am -11:30am		Timer IC
238.		October	25/10/2020	10:30am -11:30am		Backlog Clearance
239.		November	01/11/2020	10:30am -11:30am		Conduction of CA
240.		November	08/11/2020	10:30am -11:30am		Guidance for End Exam
241.	S37531: Chemistry 05	August	02/08/2020	11:30am -12:30pm	Theory	Introduction to Molecular Modelling
242.		August	09/08/2020	11:30am -12:30pm		Potential Energy Surfaces and Molecular Graphics
243.		August	16/08/2020	11:30am -12:30pm		Force Fields 01
244.		August	23/08/2020	11:30am -12:30pm		Force Fields 02
245.		September	30/08/2020	11:30am -12:30pm		Energy Minimization and Computer Simulation
246.		September	06/09/2020	11:30am -12:30pm		Simple thermodynamic properties and Phase Space
247.		September	13/09/2020	11:30am -12:30pm		Molecular Dynamics & Monte Carlo Simulation
248.		September	20/09/2020	11:30am -12:30pm		Molecular Dynamics at constant temperature and pressure
249.		September	27/09/2020	11:30am -12:30pm		Models used in Monte Carlo simulations of polymers.
250.		October	04/10/2020	11:30am -12:30pm		Structure Prediction and Drug Design
251.		October	11/10/2020	11:30am -12:30pm		Predicting protein structures by 'Threading', Moleculardocking
252.		October	18/10/2020	11:30am -12:30pm		Structure based de novo ligand design, Drug Discovery – Chemo informatics – QSAR.
253.		October	25/10/2020	11:30am -12:30pm		Backlog Clearance
254.		November	01/11/2020	11:30am -12:30pm		Conduction of CA
255.		November	08/11/2020	11:30am -12:30pm		Guidance for End Exam
256.	S41641: Mathematics 05	August	02/08/2020	12:30pm -1:30pm	Theory	R, R2, R3 as vector spaces over R
257.		August	09/08/2020	12:30pm -1:30pm		Standard basis for R
258.		August	16/08/2020	12:30pm -1:30pm		Concept of Linear Independence and examples of different bases. Subspaces of R2, R3

259.		August	23/08/2020	12:30pm -1:30pm		Translation, Dilation, Rotation, Reflection in a point, line and plane
260.		September	30/08/2020	12:30pm -1:30pm		Matrix form of basic geometric transformations
261.		September	06/09/2020	12:30pm -1:30pm		Interpretation of eigen values and eigen vectors for such transformations and eigen spaces as invariant subspaces
262.		September	13/09/2020	12:30pm -1:30pm		Types of matrices
263.		September	20/09/2020	12:30pm -1:30pm		Rank of a matrix
264.		September	27/09/2020	12:30pm -1:30pm		Invariance of rank under elementary transformations
265.		October	04/10/2020	12:30pm -1:30pm		Matrices in diagonal form
266.		October	11/10/2020	12:30pm -1:30pm		Computation of matrix inverses using elementary row operations
267.		October	18/10/2020	12:30pm -1:30pm		Illustrative examples of above concepts from Geometry, Physics, Chemistry, Combinatorics and Statistics
268.		October	25/10/2020	12:30pm -1:30pm		Backlog Clearance
269.		November	01/11/2020	12:30pm -1:30pm		Conduction of CA
270.		November	08/11/2020	12:30pm -1:30pm		Guidance for End Exam
271.	S34522: Physics 05	August	02/08/2020	2:30pm - 4:30pm	Practical	To measure (a) Voltage, and (b) Frequency of a periodic waveform using a CRO
272.		August	09/08/2020	2:30pm - 4:30pm		To verify and design AND, OR, NOT and XOR gates using NAND gates
273.		August	16/08/2020	2:30pm - 4:30pm		Half adder, Full adder and 4-bit Binary Adder.
274.		August	23/08/2020	2:30pm - 4:30pm		To design an astablemultivibrator of given specifications using 555 Timer.
275.		September	30/08/2020	2:30pm - 4:30pm		To design a monostablemultivibrator of given specifications using 555 Timer.
276.		September	06/09/2020	2:30pm - 4:30pm		To study IV characteristics of PN diode, Zener and Light emitting diode
277.		September	13/09/2020	2:30pm - 4:30pm		To study the characteristics of a Transistor in CE

						configuration
278.		September	20/09/2020	2:30pm - 4:30pm		To design a CE amplifier of a given gain (mid-gain) using voltage divider bias.
279.		September	27/09/2020	2:30pm - 4:30pm		To design an inverting amplifier of given gain using Op-amp 741 and study its Frequency response.
280.		October	04/10/2020	2:30pm - 4:30pm		To design a non-inverting amplifier of given gain using Op-amp 741 and study its Frequency Response
281.		October	11/10/2020	2:30pm - 4:30pm		To study a precision Differential Amplifier of given I/O specification using Opamp.
282.		October	18/10/2020	2:30pm - 4:30pm		To investigate the use of an op-amp as a Differentiator
283.		October	25/10/2020	2:30pm - 4:30pm		Backlog Clearance
284.		November	01/11/2020	2:30pm - 4:30pm		Conduction of CA
285.		November	08/11/2020	2:30pm - 4:30pm		Guidance for End Exam
286.	S375332: Chemistry 05	August	02/08/2020	4:30pm - 6:30pm	Practical	Compare the optimized C-C bond lengths in ethane, ethene, ethyne and benzene.
287.		August	09/08/2020	4:30pm - 6:30pm		Perform a conformational analysis of butane
288.		August	16/08/2020	4:30pm - 6:30pm		Determine the enthalpy of isomerization of cis and trans 2-butene.
289.		August	23/08/2020	4:30pm - 6:30pm		Visualize the electron density and electrostatic potential maps for LiH, HF, N ₂ , NO and CO and comment.
290.		September	30/08/2020	4:30pm - 6:30pm		Relate the charge on the hydrogen atom in hydrogen halides with their acid character
291.		September	06/09/2020	4:30pm - 6:30pm		Compare the basicities of the nitrogen atoms in ammonia, methylamine, dimethylamine and trimethylamine.
292.		September	13/09/2020	4:30pm - 6:30pm		Compare the shapes of the molecules: 1-butanol, 2-butanol, 2-methyl-1-propanol, and 2-methyl-2-

					propanol. Note the dipole moment of achmolecule
293.		September	20/09/2020	4:30pm - 6:30pm	Build and minimize organic compounds of your choice containing the following functional groups. Note the dipole moment of each compound
294.		September	27/09/2020	4:30pm - 6:30pm	Determine the heat of hydration of ethylene
295.		October	04/10/2020	4:30pm - 6:30pm	Compare the optimized bond angles H ₂ O, H ₂ S, H ₂ Se
296.		October	11/10/2020	4:30pm - 6:30pm	Compare the HAH bond angles for the second row dihydrides and compare with the results from qualitative MO theory.
297.		October	18/10/2020	4:30pm - 6:30pm	Arrange 1-hexene, 2-methyl-2-pentene, (E)-3-methyl-2-pentene, (Z)-3-methyl-2-pentene, and 2,3-dimethyl-2-butene in order of increasing stability
298.		October	25/10/2020	4:30pm - 6:30pm	Backlog Clearance
299.		November	01/11/2020	4:30pm - 6:30pm	Conduction of CA
300.		November	08/11/2020	4:30pm - 6:30pm	Guidance for End Exam
301.	S41542: Mathematics 05	November	01/11/2020	9:30am 11:30am	Practical Assignment 01
302.		November	01/11/2020	11:30am 1:30pm	Assignment 02
303.		November	01/11/2020	2:30pm 4:30pm	Assignment 03
304.		November	01/11/2020	4:30pm 6:30pm	Assignment 04
305.		November	08/11/2020	9:30am 11:30am	Assignment 05
306.		November	08/11/2020	11:30am 1:30pm	Assignment 06
307.		November	08/11/2020	2:30pm 4:30pm	Assignment 07
308.		November	08/11/2020	4:30pm 6:30pm	Assignment 08
309.		November	15/11/2020	9:30am 11:30am	Assignment 09
310.		November	15/11/2020	11:30am 1:30pm	Assignment 10
311.		November	15/11/2020	2:30pm 4:30pm	Assignment 11
312.		November	15/11/2020	4:30pm 6:30pm	Assignment 12
313.		November	22/11/2020	9:30am 11:30am	Backlog Clearance

314.		November	22/11/2020	11:30am - 1:30pm		Conduction of CA		
315.		November	22/11/2020	2:30pm - 4:30pm		Guidance for End Exam		
316.	AEC211: Environmental Science	February	07/02/2021	9:30am - 10:30am	Theory	The Multidisciplinary Nature Of Environmental Studies		
317.		February	14/02/2021	9:30am - 10:30am		Natural Resources		
318.		February	21/02/2021	9:30am - 10:30am		Ecosystems		
319.		February	28/02/2021	9:30am - 10:30am		Biodiversity And Its Conservation		
320.		March	07/03/2021	9:30am - 10:30am		Environmental Pollution		
321.		March	14/03/2021	9:30am - 10:30am		Disaster Management		
322.		March	21/03/2021	9:30am - 10:30am		Social Issues And The Environment		
323.		March	28/03/2021	9:30am - 10:30am		Environmental Ethics		
324.		March	04/04/2021	9:30am - 10:30am		Environment Protection Act		
325.		April	11/04/2021	9:30am - 10:30am		Human Population And The Environment		
326.		April	18/04/2021	9:30am - 10:30am		Nutrition, health and human rights		
327.		April	25/04/2021	9:30am - 10:30am		Field Work		
328.		April	02/05/2021	9:30am - 10:30am		Backlog Clearance		
329.		May	09/05/2021	9:30am - 10:30am		Conduction of CA		
330.		May	16/05/2021	9:30am - 10:30am		Guidance for End Exam		
331.		S34221: Physics 02	February	10/01/2021		10:30am - 11:30am	Theory	Vector Analysis
332.			February	17/01/2021		10:30am - 11:30am		Gauss-divergence theorem and Stoke's theorem of vectors
333.	February		24/01/2021	10:30am - 11:30am	Electrostatics - 01			
334.	February		07/02/2021	10:30am - 11:30am	Electrostatics - 02			
335.	March		14/02/2021	10:30am - 11:30am	Polarization, Displacement vector			
336.	March		21/02/2021	10:30am - 11:30am	Parallel plate, spherical and cylindrical condenser			
337.	March		28/02/2021	10:30am - 11:30am	Magneto-statics			
338.	March		07/03/2021	10:30am - 11:30am	Divergence and curl of magnetic field			
339.	March		14/03/2021	10:30am - 11:30am	Magnetic properties of materials			

340.		April	21/03/2021	10:30am -11:30am		Electromagnetic Induction
341.		April	28/03/2021	10:30am -11:30am		Maxwell's equations
342.		April	04/04/2021	10:30am -11:30am		Electromagnetic wave propagation
343.		April	11/04/2021	10:30am -11:30am		Backlog Clearance
344.		May	18/04/2021	10:30am -11:30am		Conduction of CA
345.		May	25/04/2021	10:30am -11:30am		Guidance for End Exam
346.	S37231: Chemistry 02	February	07/02/2021	11:30am -12:30pm	Theory	Chemical Energetics
347.		February	14/02/2021	11:30am -12:30pm		Chemical Equilibrium
348.		February	21/02/2021	11:30am -12:30pm		Variation of enthalpy of a reaction with temperature – Kirchhoff's equation
349.		February	28/02/2021	11:30am -12:30pm		Ionic Equilibria
350.		March	07/03/2021	11:30am -12:30pm		Ionization of weak acids and bases
351.		March	14/03/2021	11:30am -12:30pm		Buffer solutions
352.		March	21/03/2021	11:30am -12:30pm		Aromatic hydrocarbons
353.		March	28/03/2021	11:30am -12:30pm		Alkyl and Aryl Halides
354.		March	04/04/2021	11:30am -12:30pm		Aryl Halides Preparation
355.		April	11/04/2021	11:30am -12:30pm		Alcohols
356.		April	18/04/2021	11:30am -12:30pm		Phenols:
357.		April	25/04/2021	11:30am -12:30pm		Ethers (aliphatic and aromatic)
358.		April	02/05/2021	11:30am -12:30pm		Backlog Clearance
359.		May	09/05/2021	11:30am -12:30pm		Conduction of CA
360.	May	16/05/2021	11:30am -12:30pm	Guidance for End Exam		
361.	S41241: Mathematics 02	February	07/02/2021	12:30pm -1:30pm	Theory	First order exact differential equations
362.		February	14/02/2021	12:30pm -1:30pm		Integrating factors, rules to find an integrating factor
363.		February	21/02/2021	12:30pm -1:30pm		First order higher degree equations solvable for x, y, p
364.		February	28/02/2021	12:30pm -1:30pm		Methods for solving higher-order differential equations
365.		March	07/03/2021	12:30pm -1:30pm		Basic theory of linear differential equations,

						Wronskian, and its properties
366.		March	14/03/2021	12:30pm -1:30pm		Solving a differential equation by reducing its order
367.		March	21/03/2021	12:30pm -1:30pm		Solving a differential equation by reducing its order
368.		March	28/03/2021	12:30pm -1:30pm		Linear non-homogenous equations
369.		March	04/04/2021	12:30pm -1:30pm		The Cauchy-Euler equation
370.		April	11/04/2021	12:30pm -1:30pm		Order and degree of partial differential equations
371.		April	18/04/2021	12:30pm -1:30pm		Formation of first order partial differential equations
372.		April	25/04/2021	12:30pm -1:30pm		Classification of second order partial differential equations into elliptic, parabolic and hyperbolic through illustrations only
373.		April	02/05/2021	12:30pm -1:30pm		Backlog Clearance
374.		May	09/05/2021	12:30pm -1:30pm		Conduction of CA
375.		May	16/05/2021	12:30pm -1:30pm		Guidance for End Exam
376.	S34222: Physics 02	February	07/02/2021	2:30pm - 4:30pm	Practical	To use a Multimeter for measuring (a) Resistances, (b) AC and DC Voltages, (c) DC Current, and (d) checking electrical fuses.
377.		February	14/02/2021	2:30pm - 4:30pm		Ballistic Galvanometer: (i) Measurement of charge and current sensitivity (ii) Measurement of CDR
378.		February	21/02/2021	2:30pm - 4:30pm		Ballistic Galvanometer :(i) Determine a high resistance by Leakage Method (iii) To determine Self Inductance of a Coil by Rayleigh's Method.
379.		February	28/02/2021	2:30pm - 4:30pm		To compare capacitances using De'Sauty's bridge.
380.		March	07/03/2021	2:30pm - 4:30pm		Measurement of field strength B and its variation in a Solenoid (Determined B/dx)
381.		March	14/03/2021	2:30pm - 4:30pm		To study the Characteristics of a Series RC Circuit
382.		March	21/03/2021	2:30pm - 4:30pm		To study the a series LCR circuit and determine its (a) Resonant Frequency
383.		March	28/03/2021	2:30pm - 4:30pm		To study a parallel LCR circuit and determine its Anti-resonant frequency
384.		March	04/04/2021	2:30pm - 4:30pm		To study a parallel LCR circuit and determine its

						Quality factor Q
385.		April	11/04/2021	2:30pm - 4:30pm		To determine a Low Resistance by Carey Foster's Bridge
386.		April	18/04/2021	2:30pm - 4:30pm		To verify the Thevenin and Norton theorem
387.		April	25/04/2021	2:30pm - 4:30pm		To verify the Superposition, and Maximum Power Transfer Theorem
388.		April	02/05/2021	2:30pm - 4:30pm		Backlog Clearance
389.		May	09/05/2021	2:30pm - 4:30pm		Conduction of CA
390.		May	16/05/2021	2:30pm - 4:30pm		Guidance for End Exam
391.	S37232: Chemistry 02	February	07/02/2021	4:30pm - 6:30pm	Practical	Determination of heat capacity of calorimeter for different volumes
392.		February	14/02/2021	4:30pm - 6:30pm		Determination of enthalpy of neutralization of hydrochloric acid with sodiumhydroxide
393.		February	21/02/2021	4:30pm - 6:30pm		Determination of enthalpy of ionization of acetic acid
394.		February	28/02/2021	4:30pm - 6:30pm		Determination of integral enthalpy of solution of salts (KNO ₃ , NH ₄ Cl).
395.		March	07/03/2021	4:30pm - 6:30pm		Determination of enthalpy of hydration of copper sulphate
396.		March	14/03/2021	4:30pm - 6:30pm		Study of the solubility of benzoic acid in water and determination of ΔH .
397.		March	21/03/2021	4:30pm - 6:30pm		Ionic equilibria - pH measurements
398.		March	28/03/2021	4:30pm - 6:30pm		Measurement of pH of different solutions like aerated drinks, fruit juices, shampoos and soaps (use dilute solutions of soaps and shampoos to prevent damage to the glass electrode) using pH-meter
399.		March	04/04/2021	4:30pm - 6:30pm		Preparation of buffer solutions: (i) Sodium acetate-acetic acid (ii) Ammonium chloride-ammonium hydroxide
400.		April	11/04/2021	4:30pm - 6:30pm		Purification of organic compounds by crystallization (from water and alcohol)and distillation.

401.		April	18/04/2021	4:30pm - 6:30pm		Criteria of Purity: Determination of melting and boiling points
402.		April	25/04/2021	4:30pm - 6:30pm		Preparations: Mechanism of various reactions involved to be discussed.
403.		April	02/05/2021	4:30pm - 6:30pm		Backlog Clearance
404.		May	09/05/2021	4:30pm - 6:30pm		Conduction of CA
405.		May	16/05/2021	4:30pm - 6:30pm		Guidance for End Exam
406.	S41242: Mathematics 02	April	22/04/2021	9:30am 11:30am	Practical	Assignment 01 on First order exact differential equations
407.		April	22/04/2021	11:30am 1:30pm		Assignment 02 on First order exact differential equations
408.		April	22/04/2021	2:30pm 4:30pm		Assignment 03 on First order exact differential equations
409.		April	22/04/2021	4:30pm 6:30pm		Assignment 04 on Higher-order differential equations
410.		May	02/05/2021	9:30am 11:30am		Assignment 05 on Higher-order differential equations
411.		May	02/05/2021	11:30am 1:30pm		Assignment 06 on Higher-order differential equations
412.		May	02/05/2021	2:30pm 4:30pm		Assignment 07 on Linear equations
413.		May	02/05/2021	4:30pm 6:30pm		Assignment 08 on Linear equations
414.		May	09/05/2021	9:30am 11:30am		Assignment 09 on Linear equations
415.		May	09/05/2021	11:30am 1:30pm		Assignment 10 on Partial differential equations
416.		May	09/05/2021	2:30pm 4:30pm		Assignment 11 on Partial differential equations
417.		May	09/05/2021	4:30pm 6:30pm		Assignment 12 on Partial differential equations
418.		May	16/05/2021	9:30am 11:30am		Backlog Clearance
419.		May	16/05/2021	11:30am 1:30pm		Conduction of CA
420.		May	16/05/2021	2:30pm 4:30pm		Guidance for End Exam
421.			February	07/02/2021		9:30am -10:30am
422.		February	14/02/2021	9:30am -10:30am		Research Interdisciplinary Approach

423.	SEC411: Research methodology	February	21/02/2021	9:30am -10:30am	Theory	Ethics in Research, Survey Research		
424.		February	28/02/2021	9:30am -10:30am		Experiment, Case Study, Framing Aim, Objectives and Hypothesis		
425.		March	07/03/2021	9:30am -10:30am		Population and Sample Part I		
426.		March	14/03/2021	9:30am -10:30am		Population and Sample Part II		
427.		March	21/03/2021	9:30am -10:30am		Tools of Data Collection		
428.		March	28/03/2021	9:30am -10:30am		Analysis of Qualitative Data		
429.		March	04/04/2021	9:30am -10:30am		Hypothesis Testing Chi Square Test		
430.		April	11/04/2021	9:30am -10:30am		Measures of Central Tendency, Normal Probability Curve (NPS)		
431.		April	18/04/2021	9:30am -10:30am		Independent and Dependent Variables, Selection of Statistical Techniques: How to Select different statistical technique for Research design depending		
432.		April	25/04/2021	9:30am -10:30am		Interpretation of Results and Discussion		
433.		April	02/05/2021	9:30am -10:30am		Backlog Clearance		
434.		May	09/05/2021	9:30am -10:30am		Conduction of CA		
435.		May	16/05/2021	9:30am -10:30am		Guidance for End Exam		
436.		S34421: Physics 04	February	07/02/2021		10:30am -11:30am	Theory	Superposition of Two Collinear Harmonic oscillations
437.			February	14/02/2021		10:30am -11:30am		Superposition of Two Perpendicular Harmonic Oscillations
438.	February		21/02/2021	10:30am -11:30am	Waves Motion- General			
439.	February		28/02/2021	10:30am -11:30am	Fluids			
440.	March		07/03/2021	10:30am -11:30am	Viscosity			
441.	March		14/03/2021	10:30am -11:30am	Sound			
442.	March		21/03/2021	10:30am -11:30am	Wave Optics			
443.	March		28/03/2021	10:30am -11:30am	Interference			
444.	March		04/04/2021	10:30am -11:30am	Michelson's Interferometer			
445.	April		11/04/2021	10:30am -11:30am	Diffraction			

446.		April	18/04/2021	10:30am -11:30am		Half-period zones
447.		April	25/04/2021	10:30am -11:30am		Polarization
448.		April	02/05/2021	10:30am -11:30am		Backlog Clearance
449.		May	09/05/2021	10:30am -11:30am		Conduction of CA
450.		May	16/05/2021	10:30am -11:30am		Guidance for End Exam
451.	S37431: Chemistry 04	February	07/02/2021	11:30am -12:30pm	Theory	Transition Elements (3d series)
452.		February	14/02/2021	11:30am -12:30pm		ability to form complexes and stability of various oxidation states
453.		February	21/02/2021	11:30am -12:30pm		Lanthanoids and actinoids
454.		February	28/02/2021	11:30am -12:30pm		Coordination Chemistry
455.		March	07/03/2021	11:30am -12:30pm		Crystal Field Theory
456.		March	14/03/2021	11:30am -12:30pm		Spectrochemical series
457.		March	21/03/2021	11:30am -12:30pm		Kinetic Theory of Gases
458.		March	28/03/2021	11:30am -12:30pm		Maxwell Boltzmann distribution laws of molecular velocities and molecular energies and their importance
459.		March	04/04/2021	11:30am -12:30pm		Liquids
460.		April	11/04/2021	11:30am -12:30pm		Solids
461.		April	18/04/2021	11:30am -12:30pm		Chemical Kinetics
462.		April	25/04/2021	11:30am -12:30pm		Theories of Reaction Rates
463.		April	02/05/2021	11:30am -12:30pm		Backlog Clearance
464.		May	09/05/2021	11:30am -12:30pm		Conduction of CA
465.		May	16/05/2021	11:30am -12:30pm		Guidance for End Exam
466.		S41441: Mathematics 04	February	07/02/2021		12:30pm -1:30pm
467.	February		14/02/2021	12:30pm -1:30pm	Cyclic groups from number systems	
468.	February		21/02/2021	12:30pm -1:30pm	Complex roots of unity, circle group	
469.	February		28/02/2021	12:30pm -1:30pm	The general linear group $GL_n(n, R)$	
470.	March		07/03/2021	12:30pm -1:30pm	Group of quaternions	
471.	March		14/03/2021	12:30pm -1:30pm	concept of a subgroup generated by a subset	

472.		March	21/03/2021	12:30pm -1:30pm		Examples of subgroups including the centre of a group
473.		March	28/03/2021	12:30pm -1:30pm		Normal subgroups
474.		March	04/04/2021	12:30pm -1:30pm		Definition and examples of rings, examples of commutative and non-commutative rings
475.		April	11/04/2021	12:30pm -1:30pm		Zn the ring of integers modulo n
476.		April	18/04/2021	12:30pm -1:30pm		Sub rings and ideals, Integral domains and fields
477.		April	25/04/2021	12:30pm -1:30pm		Field of rational functions
478.		April	02/05/2021	12:30pm -1:30pm		Backlog Clearance
479.		May	09/05/2021	12:30pm -1:30pm		Conduction of CA
480.		May	16/05/2021	12:30pm -1:30pm		Guidance for End Exam
481.	S34422: Physics 04	February	07/02/2021	2:30pm - 4:30pm	Practical	To investigate the motion of coupled oscillators
482.		February	14/02/2021	2:30pm - 4:30pm		To determine the Frequency of an Electrically Maintained Tuning Fork by Melde's Experiment and to verify $\lambda^2 - T$ Law.
483.		February	21/02/2021	2:30pm - 4:30pm		To study Lissajous Figures
484.		February	28/02/2021	2:30pm - 4:30pm		Familiarization with Schuster's focussing; determination of angle of prism
485.		March	07/03/2021	2:30pm - 4:30pm		To determine the Coefficient of Viscosity of water by Capillary Flow Method (Poiseuille's method).
486.		March	14/03/2021	2:30pm - 4:30pm		To determine the Refractive Index of the Material of a given Prism using Sodium Light
487.		March	21/03/2021	2:30pm - 4:30pm		To determine the value of Cauchy Constants of a material of a prism.
488.		March	28/03/2021	2:30pm - 4:30pm		To determine the Resolving Power of a Prism.
489.		March	04/04/2021	2:30pm - 4:30pm		To determine wavelength of sodium light using Fresnel Biprism
490.		April	11/04/2021	2:30pm - 4:30pm		To determine wavelength of sodium light using Newton's Rings
491.		April	18/04/2021	2:30pm - 4:30pm		To determine the wavelength of Laser light using

						Diffraction of Single Slit
492.		April	25/04/2021	2:30pm - 4:30pm		To determine the Resolving Power of a Plane Diffraction Grating
493.		April	02/05/2021	2:30pm - 4:30pm		Backlog Clearance
494.		May	09/05/2021	2:30pm - 4:30pm		Conduction of CA
495.		May	16/05/2021	2:30pm - 4:30pm		Guidance for End Exam
496.	S37432: Chemistry 04	February	07/02/2021	4:30pm - 6:30pm	Practical	Semi-micro qualitative analysis (using H ₂ S or other methods) of mixtures
497.		February	14/02/2021	4:30pm - 6:30pm		Estimate the amount of nickel present in a given solution as bis (dimethylglyoximate) nickel (II) as oximate in a given solution gravimetrically.
498.		February	21/02/2021	4:30pm - 6:30pm		Estimate the amount of nickel present in a given solution as bis (dimethylglyoximate) aluminium as oximate in a given solution gravimetrically.
499.		February	28/02/2021	4:30pm - 6:30pm		Estimation of Mg ²⁺ by complexometric titrations using EDTA.
500.		March	07/03/2021	4:30pm - 6:30pm		Estimation of Zn ²⁺ by complexometric titrations using EDTA.
501.		March	14/03/2021	4:30pm - 6:30pm		Estimation of total hardness of a given sample of water by complexometric titration
502.		March	21/03/2021	4:30pm - 6:30pm		Surface tension measurement (use of organic solvents excluded): Determination of the surface tension of a liquid or a dilute solution using a stalagmometer.
503.		March	28/03/2021	4:30pm - 6:30pm		Surface tension measurement (use of organic solvents excluded): Study of the variation of surface tension of a detergent solution with concentration
504.		March	04/04/2021	4:30pm - 6:30pm		Viscosity measurement (use of organic solvents excluded)
505.		April	11/04/2021	4:30pm - 6:30pm		Viscosity measurement (use of organic solvents excluded)

506.		April	18/04/2021	4:30pm - 6:30pm		Chemical Kinetics: Study the kinetics of the following reactions: 1. Initial rate method: Iodide-per sulphate reaction 2. Integrated rate method
507.		April	25/04/2021	4:30pm - 6:30pm		Chemical Kinetics: Study the kinetics of the following reactions: a. Acid hydrolysis of methyl acetate with hydrochloric acid. b. Saponification of ethyl acetate. c. Compare the strengths of HCl and H ₂ SO ₄ by studying kinetics of hydrolysis of methyl acetate
508.		April	02/05/2021	4:30pm - 6:30pm		Backlog Clearance
509.		May	09/05/2021	4:30pm - 6:30pm		Conduction of CA
510.		May	16/05/2021	4:30pm - 6:30pm		Guidance for End Exam
511.	S41442: Mathematics 04	April	22/04/2021	9:30am 11:30am	Practical	Assignment 01
512.		April	22/04/2021	11:30am 1:30pm		Assignment 02
513.		April	22/04/2021	2:30pm 4:30pm		Assignment 03
514.		April	22/04/2021	4:30pm 6:30pm		Assignment 04
515.		May	02/05/2021	9:30am 11:30am		Assignment 05
516.		May	02/05/2021	11:30am 1:30pm		Assignment 06
517.		May	02/05/2021	2:30pm 4:30pm		Assignment 07
518.		May	02/05/2021	4:30pm 6:30pm		Assignment 08
519.		May	09/05/2021	9:30am 11:30am		Assignment 09
520.		May	09/05/2021	11:30am 1:30pm		Assignment 10
521.		May	09/05/2021	2:30pm 4:30pm		Assignment 11
522.		May	09/05/2021	4:30pm 6:30pm		Assignment 12
523.		May	16/05/2021	9:30am 11:30am		Backlog Clearance
524.		May	16/05/2021	11:30am 1:30pm		Conduction of CA
525.		May	16/05/2021	2:30pm 4:30pm		Guidance for End Exam
526.		February	07/02/2021	9:30am -10:30am		Soft Skills
527.		February	14/02/2021	9:30am -10:30am		Self-Discovery, Forming Values

528.	SEC611: Personality and Career skills	February	21/02/2021	9:30am -10:30am	Theory	Developing Positive Attitude
529.		February	28/02/2021	9:30am -10:30am		Improving Perception
530.		March	07/03/2021	9:30am -10:30am		Career Planning
531.		March	14/03/2021	9:30am -10:30am		The Art of Writing E-mail
532.		March	21/03/2021	9:30am -10:30am		Team Building and Teamwork:
533.		March	28/03/2021	9:30am -10:30am		Group Discussion
534.		March	04/04/2021	9:30am -10:30am		Etiquette and Manners
535.		April	11/04/2021	9:30am -10:30am		Preparing Resume
536.		April	18/04/2021	9:30am -10:30am		Interview Skills
537.		April	25/04/2021	9:30am -10:30am		Time Management and Stress Management
538.		April	02/05/2021	9:30am -10:30am		Backlog Clearance
539.		May	09/05/2021	9:30am -10:30am		Conduction of CA
540.		May	16/05/2021	9:30am -10:30am		Guidance for End Exam
541.		S34621: Physics 06	February	07/02/2021		10:30am -11:30am
542.	February		14/02/2021	10:30am -11:30am	Elemental description of embedded processors and microcontrollers.	
543.	February		21/02/2021	10:30am -11:30am	Review of microprocessors	
544.	February		28/02/2021	10:30am -11:30am	8051 microcontroller	
545.	March		07/03/2021	10:30am -11:30am	Program Counter and ROM memory map	
546.	March		14/03/2021	10:30am -11:30am	8051 I/O port programming	
547.	March		21/03/2021	10:30am -11:30am	Programming of 8051	
548.	March		28/03/2021	10:30am -11:30am	Timer and counter programming	
549.	March		04/04/2021	10:30am -11:30am	Interfacing 8051 microcontroller to peripherals	
550.	April		11/04/2021	10:30am -11:30am	Serial port programming with and without interrupt: Introduction to 8051 interrupts, programming timer interrupts, programming	
551.	April		18/04/2021	10:30am -11:30am	Programming Embedded Systems: Structure of embedded program, infinite loop, compiling, linking and locating	

552.		April	25/04/2021	10:30am -11:30am		Embedded system design and development
553.		April	02/05/2021	10:30am -11:30am		Backlog Clearance
554.		May	09/05/2021	10:30am -11:30am		Conduction of CA
555.		May	16/05/2021	10:30am -11:30am		Guidance for End Exam
556.	Sec37631: Chemistry 06	February	07/02/2021	11:30am -12:30pm	Theory	Principles of Green Chemistry
557.		February	14/02/2021	11:30am -12:30pm		Designing of Green Chemistry
558.		February	21/02/2021	11:30am -12:30pm		Chemical synthesis of Green Chemistry
559.		February	28/02/2021	11:30am -12:30pm		Energy requirements for reactions – alternative sources of energy: use of microwaves and ultrasonic energy
560.		March	07/03/2021	11:30am -12:30pm		Selection of starting materials
561.		March	14/03/2021	11:30am -12:30pm		Use of catalytic reagents
562.		March	21/03/2021	11:30am -12:30pm		Green Synthesis of the following compounds
563.		March	28/03/2021	11:30am -12:30pm		Microwave assisted reactions in water
564.		March	04/04/2021	11:30am -12:30pm		Ultrasound assisted reactions
565.		April	11/04/2021	11:30am -12:30pm		Healthier fats and oil by Green Chemistry
566.		April	18/04/2021	11:30am -12:30pm		Development of Fully Recyclable Carpet
567.		April	25/04/2021	11:30am -12:30pm		Future Trends in Green Chemistry
568.		April	02/05/2021	11:30am -12:30pm		Backlog Clearance
569.		May	09/05/2021	11:30am -12:30pm		Conduction of CA
570.	May	16/05/2021	11:30am -12:30pm	Guidance for End Exam		
571.	S41641: Mathematics 06	February	07/02/2021	12:30pm -1:30pm	Theory	Algorithms, Convergence, Bisection method
572.		February	14/02/2021	12:30pm -1:30pm		False position method
573.		February	21/02/2021	12:30pm -1:30pm		Fixed point iteration method
574.		February	28/02/2021	12:30pm -1:30pm		Newton's method, Secant method
575.		March	07/03/2021	12:30pm -1:30pm		LU decomposition, Gauss-Jacobi
576.		March	14/03/2021	12:30pm -1:30pm		Gauss-Siedel and SOR iterative methods.
577.		March	21/03/2021	12:30pm -1:30pm		Lagrange interpolation

578.		March	28/03/2021	12:30pm - 1:30pm		Newton interpolation
579.		March	04/04/2021	12:30pm - 1:30pm		Linear and higher order, finite difference operators.
580.		April	11/04/2021	12:30pm - 1:30pm		Numerical differentiation
581.		April	18/04/2021	12:30pm - 1:30pm		Integration: trapezoidal rule, Simpson's rule
582.		April	25/04/2021	12:30pm - 1:30pm		Euler's method.
583.		April	02/05/2021	12:30pm - 1:30pm		Backlog Clearance
584.		May	09/05/2021	12:30pm - 1:30pm		Conduction of CA
585.		May	16/05/2021	12:30pm - 1:30pm		Guidance for End Exam
586.	S34622: Physics 06	February	07/02/2021	2:30pm - 4:30pm	Practical	To find that the given numbers is prime or not
587.		February	14/02/2021	2:30pm - 4:30pm		To find the factorial of a number
588.		February	21/02/2021	2:30pm - 4:30pm		Write a program to make the two numbers equal by increasing the smallest number and decreasing the largest number
589.		February	28/02/2021	2:30pm - 4:30pm		Use one of the four ports of 8051 for O/P interfaced to eight LED's. Simulate binary counter (8 bit) on LED's
590.		March	07/03/2021	2:30pm - 4:30pm		Program to glow first four LED then next four using TIMER application
591.		March	14/03/2021	2:30pm - 4:30pm		Program to rotate the contents of the accumulator first right and then left
592.		March	21/03/2021	2:30pm - 4:30pm		Program to run a countdown from 9-0 in the seven segment LED display
593.		March	28/03/2021	2:30pm - 4:30pm		To interface seven segment LED display with 8051 microcontroller and display 'HELP' in the seven segment LED display
594.		March	04/04/2021	2:30pm - 4:30pm		To toggle '1234' as '1324' in the seven segment LED.
595.		April	11/04/2021	2:30pm - 4:30pm		Interface stepper motor with 8051 and write a program to move the motor through given angle in clock wise or counter clockwise direction

596.		April	18/04/2021	2:30pm - 4:30pm		Application of embedded systems: Temperature measurement
597.		April	25/04/2021	2:30pm - 4:30pm		Application of embedded systems: Some information on LCD display, interfacing a keyboard.
598.		April	02/05/2021	2:30pm - 4:30pm		Backlog Clearance
599.		May	09/05/2021	2:30pm - 4:30pm		Conduction of CA
600.		May	16/05/2021	2:30pm - 4:30pm		Guidance for End Exam
601.	S37632: Chemistry 06	February	07/02/2021	4:30pm - 6:30pm	Practical	Safer starting materials: Preparation of nano particles of gold using tea leaves
602.		February	14/02/2021	4:30pm - 6:30pm		Safer starting materials: characterization of nano particles of gold using tea leaves
603.		February	21/02/2021	4:30pm - 6:30pm		Using renewable resources: Preparation of biodiesel from vegetable/ waste cooking oil
604.		February	28/02/2021	4:30pm - 6:30pm		Avoiding waste: Principle of atom economy
605.		March	07/03/2021	4:30pm - 6:30pm		Solvent free, microwave assisted one potsynthes is of phthalocyanine complex of copper
606.		March	14/03/2021	4:30pm - 6:30pm		Photo reduction of benzophenone to benzopinacol in the presence of sunlight.
607.		March	21/03/2021	4:30pm - 6:30pm		Use of enzymes as catalysts
608.		March	28/03/2021	4:30pm - 6:30pm		Benzoin condensation using Thiamine Hydrochloride as a catalyst instead of cyanide
609.		March	04/04/2021	4:30pm - 6:30pm		Alternative Green solvents
610.		April	11/04/2021	4:30pm - 6:30pm		Extraction of D-limonene from orange peel using liquid CO2 prepared form dry ice
611.		April	18/04/2021	4:30pm - 6:30pm		Mechanochemical solvent free synthesis of azomethines
612.		April	25/04/2021	4:30pm - 6:30pm		Alternative sources of energy
613.		April	02/05/2021	4:30pm - 6:30pm		Backlog Clearance
614.		May	09/05/2021	4:30pm - 6:30pm		Conduction of CA
615.		May	16/05/2021	4:30pm - 6:30pm		Guidance for End Exam

616.	S41642: Mathematics 06	April	22/04/2021	9:30am - 11:30am	Practical	Assignment 01
617.		April	22/04/2021	11:30am - 1:30pm		Assignment 02
618.		April	22/04/2021	2:30pm - 4:30pm		Assignment 03
619.		April	22/04/2021	4:30pm - 6:30pm		Assignment 04
620.		May	02/05/2021	9:30am - 11:30am		Assignment 05
621.		May	02/05/2021	11:30am - 1:30pm		Assignment 06
622.		May	02/05/2021	2:30pm - 4:30pm		Assignment 07
623.		May	02/05/2021	4:30pm - 6:30pm		Assignment 08
624.		May	09/05/2021	9:30am - 11:30am		Assignment 09
625.		May	09/05/2021	11:30am - 1:30pm		Assignment 10
626.		May	09/05/2021	2:30pm - 4:30pm		Assignment 11
627.		May	09/05/2021	4:30pm - 6:30pm		Assignment 12
628.		May	16/05/2021	9:30am - 11:30am		Backlog Clearance
629.		May	16/05/2021	11:30am - 1:30pm		Conduction of CA
630.	May	16/05/2021	2:30pm - 4:30pm	Guidance for End Exam		




Director
 Student Services Division,
 Y.C.M. Open University, Nashik.

ज्ञानगंगा घरोघरी