

1.3.1 Cross Cutting Issue Related Courses

B.Sc - Chemistry (2023)

S.No.	Course Code	Course Name	Related to Gender, Professional Ethics, Human Values Environment and Sustainability
2021 BATCH - V AND VI SEMESTERS			
1	21UCY507	Core - V : Coordination and Bioinorganic Chemistry	Nil
2	21UCY508	Core - VI : Organic Chemistry – I	Nil
3	21UCY509	Core - VII : Electrochemistry	Nil
4	21UCY510	Core - VIII : Dye Chemistry	Environment & Sustainability
5	21UCY5E1	Core Elective - I : / Analytical Chemistry – I	Nil
6	21UCY5E2	Core Elective - I : / Pharmaceutical Chemistry - I	Good Health and Well-being (SDG 3)
7	21UCY5E3	Core Elective - I : Leather Chemistry	Nil
8	21UCY5AL	Advanced Learner Course – I: Environmental Chemistry (Optional) Self Study	Nil
9	21UCY5S1	Skill Based Elective - I : Network and Information Security	Nil
10	21UCY5S2	Skill Based Elective - I : Cyber security and Ethical Hacking	Nil
11	21UCY611	Core - IX : Physical Methods and Chemical Structure	Nil

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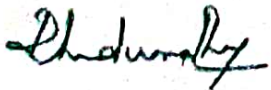
Page 1 of 3

Dr. INDUMATHY RAMASAMY M.Sc., Ph.D.,
Assistant Professor & Head
Department of Chemistry
Nallamuthu Counder Mahalingam College (Autonomous)
Pollachi - 642 001.

R. Muthukumar

Dr. R. MUTHUKUMARAN,
M.A., M.Phil., B.Ed., Ph.D.,
PRINCIPAL
N.G.M. College, Pollachi - 642 001
Coimbatore District

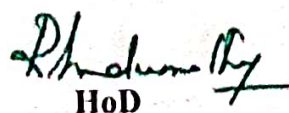
12	21UCY612	Core - X : Organic Chemistry – II	Nil
13	21UCY613	Core - XI : Chemical Kinetics and Quantum Mechanics	Nil
14	21UCY614	Core - XII : Polymer Chemistry	Nil
15	21UCY6E1	Core Elective - II : Analytical Chemistry – II	Nil
16	21UCY6E2	Core Elective - II : Pharmaceutical Chemistry II	Good health and well-being (SDG 3)
17	21UCY6E3	Core Elective - II : Agricultural Chemistry and Analytical Techniques for Agrochemicals	Nil
18	21UCY615	Core Lab - III : Gravimetric Analysis and Physical Chemistry Experiments	Nil
19	21UCY616	Summer internship	Nil
20	21UCY6AL	Advanced Learner Course - II: Applications of Spectroscopy (Optional) Self Study	Nil
21	21UCY6S1	Skill Based Elective - II : Green Chemistry	Industry, innovation and infrastructure (SDG 9)
22	21UCY6S2	Skill Based Elective - II : Clean energy	Affordable and clean energy (SDG 7)
2022 BATCH - III AND IV SEMESTERS			
23	22UCY304	Core - III : Inorganic and Physical Chemistry	Nil
24	22UCY3N1	Non Major Elective - I : Introduction to Nanotechnology	Nil
25	22UCY3N2	Non Major Elective - I : Chemistry of Consumer Products	Nil


Dr. INDUMATHY RAMASAMY M.Sc., Ph.D.,
 Assistant Professor & Head
 Department of Chemistry
 Nallamuthu Gounder Mahalingam College (Autonomous)
 Pollachi - 642 001.

Page 2 of 3


Dr. R. MUTHUKUMARAN,
 M.A., M.Phil., B.Ed., Ph.D.,
 PRINCIPAL
 N.G.M. College, Pollachi - 642 001
 Coimbatore District

26	22UCY405	Core - IV : Inorganic, Organic and Physical Chemistry	Nil
27	22UCY406	Core Practical II: Volumetric, Organic Qualitative Analysis and Organic Preparations	Nil
28	22UCY4N1	Non Major Elective - II : Textile Chemistry	Nil
29	22UCY4N2	Non Major Elective - II : Food Science and Technology	Good Health and Well-being (SDG 3)
30	22UPS3A4/ 22UBY3A4/ 22UZY3A4	Allied Chemistry Paper – I Inorganic, Organic and Physical Chemistry	Nil
31	22UPS4A5/ 22UBY4A5/ 22UZY4A5	Allied Chemistry Paper – II Inorganic, Organic and Physical Chemistry	Nil
32	22UPS4A6/ 22UBY4A6/ 22UZY4A6	Allied Chemistry Practical	Nil
2022 BATCH - I AND II SEMESTERS			
33	23UCY101	CC I : Inorganic and Organic Chemistry	Nil
34	23UCY202	CC II : Organic and Physical Chemistry	Nil
35	23UCY203	CC Lab – I : Inorganic Qualitative Analysis	Nil


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Assistant Professor & Head
Department of Chemistry
Nallamuthu Gounder Mahalingam College (Autonomous)
Pollachi - 642 001.


PRINCIPAL

Dr. R. MUTHUKUMARAN,
M.A., M.Phil., B.Ed., Ph.D.,
PRINCIPAL
N.G.M. College, Pollachi - 642 001
Coimbatore District