



# VIKRAMA SIMHAPURI UNIVERSITY

Kakatur - 524 324, SPS Nellore, Andhra Pradesh

College of Science & Technology

DEPARTMENT OF CHEMISTRY

Dr. P. Thriveni  
Associate Professor (Head)

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## CIRCULAR

This is to inform you that the class work of Value Added Course on “**Life with Chemistry and management of Chemicals**” for the academic year 2023-2024 starts from 14<sup>th</sup> Mar 2024 in the Department of Chemistry, Vikrama Simhapuri University, Nellore. The classes runs on every day from 5.30pm to 6.30pm. The students who are desirous to attend the classes are advised to make note of the above schedule and follow accordingly. For any details or clarifications, contact the Head of the Department.

*P. Thriveni*

HEAD

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Department of Chemistry  
VIKRAMA SIMHAPURI UNIVERSITY  
KAKATUR, NELLORE-524 320 (A.P.)



## VIKRAMA SIMHAPURI UNIVERSITY

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DEPARTMENT OF CHEMISTRY

### DDC RESOLUTIONS

Minutes of the Meeting of Department Development Committee held on 27/02/2024 at 11:00A.M in the Department of Chemistry, VSU, Nellore.

#### Members Present

S.No	Name of Faculty Member	Designation
1	Prof. T. Veerareddy	Professor
2	Dr. Y. Vijaya	Associate Professor
3	Dr. P. Thriveni	Associate Professor

#### Agenda

To discuss about the introduction of Value Added Course paper entitled "Life with Chemistry and management of Chemicals" in the Department of Chemistry, Vikrama Simhapuri University, Nellore.

#### Resolutions:

- The DDC recommends that the Value Added Course should start in Department of Chemistry on "Life with Chemistry and management of Chemicals" from 14<sup>th</sup> March, 2024.
- It is resolved that classwork may be taken every day evening.
- It is resolved duration of the course is 36hrs
- After completion of the course, certificate may be issued.

#### Signatures of the Members

S.No	Name of Faculty Member	Signature
1.	Prof. T. Veerareddy	T. V.
2.	Dr. Y. Vijaya	OD
3.	Dr. P. Thriveni (Head)	P. Thriveni

P. Thriveni

HEAD  
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# VIKRAMA SIMHAPURI UNIVERSITY

Kakatur - 524 324, SPS Nellore, Andhra Pradesh

College of Science & Technology

DEPARTMENT OF CHEMISTRY

M.Sc. Organic Chemistry

Dr. P. Thriveni

Head

Code: 23- CHEVOC - 01

Title: "Life with chemistry and management of chemicals"

List of students enrolled in the value-added course entitled "Life with chemistry and management of chemicals" during the period from March - 2024

S.NO.	REGISTERED NUMBER	STUDENT NAME
1	220401001001	ADDANKI ESWARAMMA
2	220401001002	BUDAMA SRAVANI
3	220401001003	ALIMILI SWAPNA
4	220401001004	BATTULA SRAVANI
5	220401001005	GRANDIVEMULA RAMADEVI
6	220401001006	GUDDALA NURESH BABA
7	220401001007	GUDDATI BHAGYA SREE
8	220401001008	JALLI ANJALI
9	220401001009	KOMERA ROHINI
10	220401001010	KUDUMULA SUJATHA
11	220401001011	DEVARAPALLI RAJIYA
12	220401001012	MALLI SRILATHA
13	220401001013	NELLORE BHAVANA
14	220401001014	PIDUGU HARSHITHA
15	220401001015	PIGILAM AMANI
16	220401001016	PITTA VENKATESH
17	220401001017	POTLA PUNYABALA DURGABABU
18	220401001018	TALAMALA ANUSHA GRACE
19	220401001019	VEERAMASINA SRIVARDHAN
20	220401001020	CHEEKATI KARUPAKEERTHI
21	220401001021	VAVILAPALLI DAMODARA RAO
22	220401001022	KOMATIGUNTA MADHU
23	220401001023	ELIJALA VENKATA RAM
24	220401001024	JILAKARA PADMAPRIYA
25	220401001025	KALASAPATI VENKATESH
26	220401001026	MUSULURU NANDINI
27	220401001027	POTLURI JYOTHI
28	220401001028	UPPU RAVITEJA
29	220401001029	GANGAPURAM KUSUMA
30	220401001030	PUJARI HYMAVATHI
31	220401001031	KOMATIREDDY RAMYASRI
32	220401001032	GUNJI VENKATESWARLU

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College of Science & Technology

DEPARTMENT OF CHEMISTRY

M.Sc. Analytical Chemistry

Dr. P. Thriveni  
Head

Code: 23-CHEVAC-01

Title: "Life with chemistry and management of chemicals"

List of students enrolled in the value-added course entitled "Life with chemistry and management of chemicals" during the period from March – 2024

S.NO.	REGISTEREDNUMBER	STUDENTNAME
1	220404001001	ADDANKI DEEPTHI
2	220404001002	ALLU DHARANI
3	220404001003	BASA SRAVANI
4	220404001004	BORRA BALAJI
5	220404001005	BAGADI SAI KUMAR
6	220404001006	CHINNIMILLI VIJYA
7	220404001007	BETHU PRUDHVIRAJ
8	220404001008	BOMMI RAJA KUMAR
9	220404001009	KONDA SRAVYA
10	220404001010	MADAGANI DIVYA TEJA
11	220404001011	MUNAGALA PRATHAP
12	220404001012	PALLEPOGU JEEVAN KUMAR
13	220404001013	PASALA DEVI PRASAD
14	220404001014	CHALAPATI PRIYANKA
15	220404001015	ROUTHU NANI MELKI SIDDIK
16	220404001016	V KAVYA
17	220404001017	VALAPARLA DEVARAJ
18	220404001018	VANTAKU GANESH
19	220404001019	YELLAPU LAXMANA RAO
20	220404001020	KAPPALA SUSHMA
21	220404001021	PINDI SRINU
22	220404001022	MUNASALA DURGA ARAVIND
23	220404001023	SHAIK JAREENA BEGUM
24	220404001024	UPPADA SAI
25	220404001025	VEMANA POOJITHA
26	220404001026	REDDY GANESH
27	220404001027	NALLAGONDLA MAHENDRA

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College of Science & Technology

## DEPARTMENT OF CHEMISTRY

Dr. P. Thriveni  
Head

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### SYLLABUS

Department : Chemistry

Course Title : "Life with chemistry and management of chemicals"

Course code : 23 CHEVAC-01

#### Unit I: Hazardous Waste: Management & Treatment

##### Hazardous Waste:

Identification, Classification and Handling

##### Hazardous Waste Management

Generation

Storage and collection

Transfer and transport

Processing

Disposal

##### Hazardous Waste Treatment

Physical and chemical treatment

Thermal treatment

Biological treatment

#### Unit II: Chemistry in everyday life

##### Chemical Attraction:

Understanding chemical structures, naming and fragrance composition  
fragrant organic compounds from roses and oranges

##### New antibiotics :

Overview: an introduction to antibiotics

Applications of antibiotics

##### Textile Chemistry :

New fibers: Chemistry and Technology

Applications of Dyes

Nanotechnology in textiles

##### Chemistry in sport:

Understanding polymers (Sports Equipment)

The role of polymers in sport

Sports medicine and nutrition

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## References :

- Freeman, M. H. 1988. Standard Handbook of Hazardous Waste Treatment and Disposal, McGraw-Hill Book Company, New York.
- Environmental Management in Developing Countries. 1995. Waste Management Vol II, Institute for Scientific Co-operation, Tübingen.
- Flinotoff, R. 1984. Management of Solid Wastes in Developing countries, WHO Regional Publications, South East Asia Series No 1.
- Tchobanoglous, G., Theisen, H., and Samuel A Vigil, 1993. Integrated Solid Waste Management, McGraw-Hill, Inc., New Delhi.
- Organic Chemistry, by Jonathan Clayden, Nick Greeves, Stuart Warren, Peter Wothers Contributor Jonathan Clayden Edition: reprint illustrated by Oxford University press, 2001.
- Principles of Organic Synthesis by Richard O.C Norman. Raymond Bonnett, James M. Coxon, Edition: 3, illustrated published by CRC Press 1993.
- Introduction to Polymer Chemistry: Charles E. Carraher Jr. 2017.
- Textbook of fabric science : Fundamentals to finishing by Sekhri sheema
- Advances in Dyeing and finishing of technical textiles by M.L.Gulrajani