MINUTES OF BOARD OF STUDIES MEETING- 14Th October, 2025

The Sixth Board of Studies Meeting of the Department of Organic Chemistry is held on 14- 10 -2025 at 2 PM.

Members Present:

Chairman

Sri. Uppuluri. Ramu U. Ramu 14/10/2025.
Assistant Professor & Head
Dept. Of Organic Chemistry
Sri Y.N. College (A), P.G Courses (A)
Mobile No: 9000582634
Mail ID: uppuluriramusync@gmail.com

University Nominee

Prof. P. Shyamala Online mode
Professor, Dept. Of Chemistry
Andhra University-Visakhapatnam.
Mobile No: 9949042258.
Mail ID: shyamalapulipaka06@gmail.com

Subject Experts

1. Dr. K. Deepthi
   Assistant Professor & Head Attended online
   Dept. Of. Chemistry
   Adikavi Nannaya University
   Rajamahendravaram.
   Mobile No: 9985469607.
   Mail ID: chemistry.ucst@aknu.edu.in
   deepthi.chem@aknu.edu.in
2. Dr. G. V. Nageswara Rao Attended online
   Associate Professor & Head
   P.G. Dept. of Chemistry
   DNR College-Bhimavaram
   Email : gvnr0099@gmail.com
   Cell : 9705464499

Alumni member

Dr. Sypu Venkata Satyanarayana
Senior Research Scientist
Drug Innovation Group (DIG)
University of Ghana, Accra, Ghana
Mobile No:9963794339.
E-mail: sypu1989@gmail.com
venkata.sypu@uct.ac.za

Attended online

Representative from Industry:

Dr. Ch. Vinay Kumar
Director, R. V. Labs. -Guntur.
Mobile No: 9705112211.
Mail ID: rvlabs.guntur@yahoo.com

Attended online

Members

1. Mrs. K. Lakshmi Jyothi
   Assistant Professor
   Dept. Of Organic Chemistry
   Sri Y.N. College (A), P.G Courses (A)

K. L. Jyothi
14/10/25

2. Mr. T P Naga Ganesh
   Assistant Professor
   Dept. Of Organic Chemistry
   Sri Y.N. College (A),P.G Courses (A)

T. P. N. Ganesh
14/10/2025

AGENDA

1. To discuss and ratify the I & II year syllabi of M.Sc., Organic Chemistry Programme with appropriate modifications for the academic year 2025-2026.
2. To discuss and ratify the I & II year Model Question papers of M.Sc., Organic Chemistry Programme for the academic year 2025-2026.
3. To discuss conducting of curricular and co-curricular activities.
4. Any other item.

RESOLUTIONS

Resolution 1- It is decided to offer the M.Sc. Organic Chemistry programme in four semesters with four theory papers in each semester along with three laboratory courses in first and second semesters and two laboratory courses in third semester; two laboratory courses along with project work in fourth semester. All papers in four semesters are core papers.

i.e. The M.Sc. Organic chemistry programme consists of 26 papers (16 theory + 10 laboratory courses), one project work and viva-voce. Each theory paper will have 4 credits, each laboratory course will have 3 credits and project work & viva-voce will have 6 credits. i.e. the programme will have the total of 100 credits (16×4=64; + 10×3=30; + 1×6=6).

Resolution 2 – Programme structure It is unanimously decided to adopt the following programme/ course structure for the four semesters of M.Sc. Organic chemistry. (Listed and Tabulated in Table 1,2,3,4)

Resolution 3 – Programme structure for Lateral entry It is resolved to adopt the following programme/ course structure for the Two semesters (3^{rd} &4^{th}) of II M.Sc. Organic chemistry. (Listed and Tabulated in Table ,3,4)

Resolution 4-Examination pattern: As part of continuous evaluation, it is resolved to conduct Internal and External Examinations in each semester for every paper. The internal/mid Exams will carry 25 marks and the External Examinations will carry 75 Marks. It is further resolved that the minimum qualifying marks for each paper is 40% of the total marks (Grade points 4) secured in both internal and external examinations subject to the condition that the student has to secure 40% of 75 Marks in the Semester(external) examinations. There is no minimum pass mark for internal Exams.

Resolution 5 - Allotment of Internal Marks: It is decided to conduct two Internal/Mid Examinations in every semester for every paper. The theory exam would be conducted for 20 Marks. The average of the two Internal Exams would be finalized. 5 Marks will be allotted for two assignments (5 marks).

Written test (Average of Two Mid s)	20 Marks
Assignments (Two)	5 Marks
Total	25 Marks

Resolution 6 - Blue Print: It is resolved to implement the following Blue Print for the mid and Semester End exams.

In the Internal question paper, the student has to write:

Two Short Notes out of 4 for 6 (2×3) Marks

Two essays out of 4 for 14 (2 ×7) Marks.

In the External theory exam paper, the student has to Write Two sections:

Section – A: 8 Essays (Either or Choice); 4×15=60 Marks

Section – B: 5 Short notes out of 8; 5×3=15 Marks.

Resolution 7 - Teaching Methodology: It is resolved to adopt a blended teaching methodology comprises 80% of syllabus through classroom teaching and 20% of syllabus through online teaching via guest lectures by experts. ICT shall be the teaching methodology in addition to the traditional class Room Lectures.

Resolution 8 -Summer Project Work: It is resolved that every student has to do summer project work during the first-year summer i.e., after the completion of second semester in an industrial organization, for 4 to 6 weeks. Every student, under the direction of faculty-guide and industry guide, has to develop a project report on the work done and submit to the department at the end of the 4th semester. **The project report will be evaluated/ assessed/Viva-voce for 100 (25M+ 75M) Marks.** The Project work will be assessed by Internal faculty/guide for 25 marks and 75 marks will be **awarded by the Examiners committee comprising the Department Head, One Senior Faculty Member and One External Examiner** having 10 years of experience preferably Ph.D. degree holder from an Autonomous college M.Sc. Organic Chemistry Department or a Senior Faculty Member from the parent University or any other University.

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF ORGANIC CHEMISTRY
SRI Y.N. COLLEGE (AUTONOMOUS)
(NAAC ACCREDITED 'A' GRADE COLLEGE)
NARSAPUR - 534 275, W.G.Dt., A.P.

Table -1 **Semester – I**

Paper / Paper Code	Title of the Paper	Instruction Hours Per Week			Credits	Evaluation			Total Marks
		L	T	P		CIA Marks	SEE		
							Marks	Duration	
Paper-I 20OCHT11	General Chemistry - I	4	--	--	4	25	75	3 hours	100
Paper-II 20OCHT12	Inorganic Chemistry - I	4	--	--	4	25	75	3 hours	100
Paper-III 20OCHT13	Organic Chemistry - I	4	--	--	4	25	75	3 hours	100
Paper-IV 20OCHT14	Physical Chemistry - I	4	--	--	4	25	75	3 hours	100
Practical -I 20OCHP15	Inorganic Chemistry-I	--	--	6	3	25	75	3 hours	100
Practical -II 20OCHP16	Organic Chemistry-I	--	--	6	3	25	75	3 hours	100
Practical -III 20OCHP17	Physical Chemistry-I	--	--	6	3	25	75	3 hours	100
Total		16		18	25	175	525	21hours	700

Table -2

Semester – II

Paper / Paper Code	Title of the Paper	Instruction Hours Per Week			Credits	Evaluation			Total Marks
		L	T	P		CIA Marks	SEE		
							Marks	Duration	
Paper-I 20OCHT21	General Chemistry - II	4	--	--	4	25	75	3 hours	100
Paper-II 20OCHT22	Inorganic Chemistry - II	4	--	--	4	25	75	3 hours	100
Paper-III 20OCHT23	Organic Chemistry - II	4	--	--	4	25	75	3 hours	100
Paper-IV 20OCHT24	Physical Chemistry - II	4	--	--	4	25	75	3 hours	100
Practical-I 20OCHP25	Inorganic Chemistry-II	--	--	6	3	25	75	3 hours	100
Practical-II 20OCHP26	Organic Chemistry-II	--	--	6	3	25	75	3 hours	100
Practical-III 20OCHP27	Physical Chemistry-II	--	--	6	3	25	75	3 hours	100
Total		16		18	25	175	525	21hours	700

Table -3 **Semester – III**

Paper / Paper Code	Title of the Paper	Instruction Hours Per Week			Credits	Evaluation			Total Marks
		L	T	P		CIA Marks	SEE		
							Marks	Duration	
Paper-I 20OCHT31	Organic Reaction Mechanisms-I and Pericyclic Reactions	4	--	--	4	25	75	3 hours	100
Paper-II 20OCHT32	Organic Spectroscopy-I	4	--	--	4	25	75	3 hours	100
Paper-III 20OCHT33	Modern Organic Synthesis-I	4	--	--	4	25	75	3 hours	100
Paper-IV 20OCHT34	Chemistry of Natural Products	4	--	--	4	25	75	3 hours	100
Practical-I 20OCHP35	Multistep Synthesis of Organic Compounds	--	--	6	3	25	75	3 hours	100
Practical-II 20OCHP36	Estimations and -Chromatography	--	--	6	3	25	75	3 hours	100
Total		16		12	22	150	450	21hours	600

Table -4

Semester – IV

Paper / Paper Code	Title of the Paper	Instruction Hours Per Week			Credits	Evaluation			Total Marks
		L	T	P		CIA Marks	SEE		
							Marks	Duration	
Paper-I 20OCHT41	Organic Reaction Mechanisms-II and Organic Photochemistry	4	--	--	4	25	75	3 hours	100
Paper-II 20OCHT42	Organic Spectroscopy-II	4	--	--	4	25	75	3 hours	100
Paper-III 20OCHT43	Modern Organic Synthesis-II	4	--	--	4	25	75	3 hours	100
Paper-IV 20OCHT44	Bio-Organic Chemistry	4	--	--	4	25	75	3 hours	100
Practical-I 20OCHP45	Chromatographic Separations and Isolations & Identification of Natural Products	--	--	6	3	25	75	3 hours	100
Practical-II 20OCHP46	Spectral Identification of Organic Compounds	--	--	6	3	25	75	3 hours	100
Project 20OCHP47	Project Work & Viva voce	--	--	--	6	25	75	----	100
Total		16		12	28	175	525	18hours	700

* **CIA** – Continuous Internal Assessment, **SEE** – Semester End Examination

*4 Weeks Training in Industry/Chemical R&D/ Organization.

Total Credits: 100, Total Marks: 2700

CHAIRMAN
BOARD OF STUDIES
DEPARTMENT OF ORGANIC CHEMISTRY
SRI Y.N. COLLEGE (AUTONOMOUS)
(NAAC ACCREDITED 'A' GRADE COLLEGE)
NARSAPUR - 534 275, W.G.Dt., A.P.