

**Kongunadu Arts and Science College (Autonomous)**

**Coimbatore – 641 029**

**PG and Research Department of Chemistry**

The Board of Studies meeting was held on 22.03.2025. The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Item 1. To consider revision in the Curriculum, Scheme of Examination and Syllabi of UG/PG/Certificate / Diploma courses and approval.

Item 2. To suggest the panel of names for appointment of examiners.

Item 3. Other academic activities in the department.

As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing/revised the Scheme of Curriculum / Scheme of Examination / Syllabi and Panel of Examiners are to be followed is annexed herewith for the implementation from the commencement of the Academic year 2025 – 2026.

The members after careful scrutiny of the changes to be made unanimously accorded approval for the proposed changes/modifications. They also resolved to authorize the Chairman of Board of Studies to place the changes/modifications now approved by the BOS before the Standing Committee on Academic affairs and Academic Council.

Sem.	Course code	Name of the Course	Changes made
I	25PCH101	Core Paper 1– Organic Chemistry I	Plant pigments and co-pigments have been brought to Unit V in addition to terpenoids, from Unit V of Organic Chemistry III.
II	25PCH205	Core Paper 5– Inorganic Chemistry II	The topic “Theories of bonding - valence bond theory - principle and limitations” has been shifted to Unit I.
III	25PCH307	Core Paper 7– Organic Chemistry III	The topics “Quasi-Favorskii, Fries and Photo Fries rearrangement. Rearrangements to electron deficient oxygen Dakin rearrangement” have been included in Unit I.



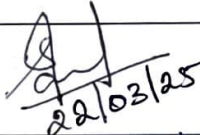


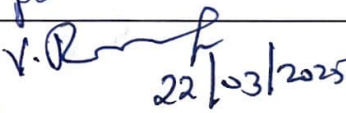



			Unit V has been exclusively allocated for Reagents in Organic Synthesis, with the addition of a few reagents like Wittig reagent, Grignard reagent, organolithium compounds and organosilicon compounds.
III	25PCH308	Core Paper 8– Inorganic Chemistry III	<p>In Unit II, the topic “carbocyclic pi compounds-synthesis, reactions” has been removed.</p> <p>In Unit IV, in the topic “Iron sulphur proteins”, “Ferridoxins and Rubredoxins” have been specified.</p> <p>In Unit V, the topics “Superoxide dismutase, Molybdenum oxatransferase, Xanthine oxidase structure and functions” have been added. The topic “Zn and V storage and transport” has been removed.</p> <p>In Unit V, the topics “Superoxide dismutase, Molybdenum oxatransferase, Xanthine oxidase structure and functions” have been added. The topic “Zn and V storage and transport” has been removed.</p> <p>The topics “synthetic oxygen carriers”, “metallothioeins” and “Molecular mechanism of iron transport across the membrane” have been removed from Unit V.</p>
I/II	25PCH1E1/2E2	Major Elective– Drug design and development	The course” Major Elective– Drug design and development” has been renamed as “Major Elective– Drugs and their development” “Introduction to

			to Indian Knowledge System – Metals used as medicine in Vedic age – Bhasmas for various ailments – Gold, Silver, Copper and Lead bhasmas” and “Flower medicine” have been included in Unit I.
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Other Academic Activities:

Nil

Signature of the Board Members

S.No.	Name	Designation	Signature
1	Dr. R. Prabhakaran	University Representative	 22/03/25
2	Dr. M. Rajan	Subject Expert	 22.03.25
3	Dr. K. Krishnasamy	Subject Expert	Attended online
4	Mr. P. Shrinivasan	Industrial Expert	- Absent -
5	Dr. S. Poornima	Meritorious Alumni	 22/03/25
6	Dr. K. Kalpanadevi	Chairperson	 22/03/25
7	Dr. A. Pushpaveni	Member	 22/03/25
8	Dr. V. Ramya	Member	 22/03/2025
9	Dr. G. Vadivelan	Member	 22/3/25
10	Dr. A. Nivetha	Member	 22/3/2025
11	Miss. Adrija S Babu	Student Representative	



Signature of the Chairman of the Board

**HEAD**

PG & Research Department of Chemistry  
Kongunadu Arts and Science College,  
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**PRINCIPAL**  
Kongunadu Arts & Science College  
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