

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COIMBATORE 641029

Department of Physics
Minutes of the Board of Studies

The 20th Board of Studies meeting was held on 17.03.2025. 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.

B.Sc Physics

1. Core Paper 10 – Fundamentals of Digital electronics (24UPH610) has been revamped as Core Paper 10 – Fundamentals of Digital electronics and Microprocessor (25UPH610).
2. Core Practical V – Practical 5 Digital electronics and Microprocessor (24UPH6CP) has been revamped as Core Practical V – Practical 5 Digital electronics, Microprocessor and Python programming (25UPH6CP).
3. In the list of Major elective papers, “Measurement systems” has been included instead of “Introduction to Microprocessor”
4. In SBS - 2 (25UPH4S2) – Scientific Computing - Python – Unit 5 Python projects has been replaced with Artificial Intelligence in Physics.
5. Core paper 1 – Properties of Matter and Sound (25 UPH101) – Unit 3 and Unit 4 have been revamped and Indian Knowledge System has been included as Unit 5.

M.Sc Physics

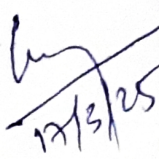

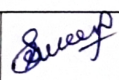
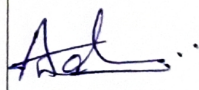
1. In Major Elective Paper - Communication Physics: Unit 3, Unit 4 and Unit 5 have been revamped.
2. In Core Paper 2 (25PPH102) – Mathematical Physics – Unit 3, Unit 4 and Unit 5 have been revamped.
3. In the list of major elective papers Artificial Intelligence in Physics and Computational methods and programming has been included instead of Industrial Physics and Modern optics.

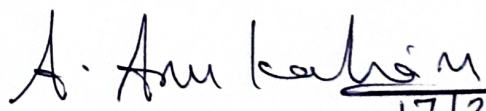
Signature of the Board Members

S.No.	Name	Designation	Signature
1	Dr. A. Anu Kaliani	Associate Professor and Head	A. Anu Kaliani
2	Mr. K. Karuppusamy	Assistant Professor	K. Karuppusamy
3	Dr. B. Chandar Sekhar	Associate Professor	B. Chandar Sekhar
4	Dr. K. Saravanakumar	Associate Professor	K. Saravanakumar
5	Dr. M. Seetha	Assistant Professor	CL
6	Dr. P. Matheswaran	Assistant Professor	P. Matheswaran
7	Dr. M. Mohamed Ibrahim	Assistant Professor	M. M. Ibrahim
8	Dr. A. Ranjitha	Assistant Professor	ML
9	Dr. N. Senthil kumar	Assistant Professor	Senthil Kumar
10	Dr. S. Selvi	Assistant Professor	S. Selvi
11	Dr. B. Gokul	Assistant Professor	B. Gokul
12	Dr. V.D. Nithya	Assistant Professor	CL

Subject Experts

13	Dr. M. Sridharan	Professor and Associate Dean-Research, SASTRA Deemed to be University, Thanjavur – 613401	ONLINE
14	Dr. A. Dhayal Raj	Associate Professor, Department of Physics, Sacred Heart College, Tirupattur – 635601	A. Dhayal Raj

Expert Nominee by Vice-Chancellor			
15	Dr. K. Ramachandran	Associate Professor, Department of Physics, Bharathiar University, Coimbatore – 641046	 17/3/25
Representative from Industry			
16	Mr. S. P. Senthil Subramaniam	Partner, Mighty Electronics Equipments Corporation, Sowripalayam, Coimbatore - 641028	ABSENT
Meritorious Alumni			
18	Dr. J. Deepa	Associate Professor, Department of Physics, Government Arts College, Coimbatore - 641 018	 17/3/25
Student Members			
19	1. Ruseena.S (232PH025)	II M.Sc Physics	
	2. Andrew,Y (221PH003)	III B.Sc Physics	

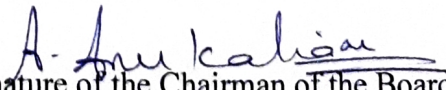

Signature of the Chairman of the Board 17/3/25

Dr. A. ANU KALIANI
Associate Professor & Head
Department of Physics
Kongunadu Arts and Science College
G.N. Mills Post, Coimbatore - 641 029.

Annexure – I
(Comprehensive Revision of Syllabus – Revised Courses)
2025-2026

Sl. No.	Semester	Course Code	Name of the Course	Existing & Revised	% of modification	Employability/ Entrepreneurship/ Skill Development
UG						
1	1	25UPH101	Properties of matter and Sound	Unit 3, and Unit 5 has been revamped	40 %	Skill Development
2	6	25UPH610	Digital electronics and Microprocessor	Microprocessor based topics were included in Unit 4 and Unit 5	40 %	Employability
3	5 & 6	25UPH6CP	Core Practical V- Practical 5 Digital electronics and Python programing	Added: Few Digital electronics experiments and python programmes	50 %	Skill Development / Employability
4	4	25UPH4S2	Skill Based Subject 2 – Scientific Computing – Python and Artificial Intelligence	Unit 5 has been revamped	20 %	Skill Development / Employability
5	-	-	Major elective paper Measurement Systems	Newly introduced	100 %	Skill Development / Employability
PG						
1	1	25PPH102	Mathematical Physics	Unit 3, Unit 4 and Unit 5 has been revamped	30 %	Skill Development
2	-	-	Major Elective Paper - Communication Physics	Unit 3, Unit 4 and Unit 5 has been revamped	30 %	Skill Development / Employability
3	-	-	Major elective paper : Artificial Intelligence in Physics has been introduced	Newly introduced	100 %	Skill Development / Employability
4	-	-	Major elective paper : Computational methods and programming has been introduced	Newly introduced	100 %	Skill Development / Employability

% of change: Change of entire course (5 units): 100% Change of one unit: 20% Small Change: 10% Minor Change: 5%


 Signature of the Chairman of the Board
 17/3/25