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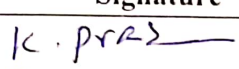
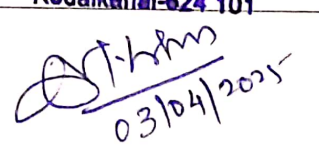
ARULMIGU PALANIANDAVAR ARTS COLLEGE FOR WOMEN
DEPARTMENT OF PHYSICS

BOARD OF STUDIES MEETING 04-04-2025
Minutes of the meeting

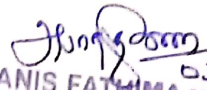
Modifications in the syllabus:

- For III U.G students the following modifications were done in the fifth semester, Core Course IX – Electricity, Magnetism & Electromagnetism. In Unit II Magnetic Effects of Current divergence of magnetic field is removed as there are many other related and important topics.
- For III U.G students the following modifications were done in the fifth semester, Core Course XI – Analog and Communication Electronics. In unit III – Mathematical Analysis of Hartley, Colpitt, Phase Shift Oscillators is omitted as the working of oscillators include the required equations.
- For III U.G students the following modifications were done in the fifth semester, Core Elective Course I – LASER & Fibre Optics. In Unit II - Types of LASERS, the topics Dye LASER, Chemical Laser, HCL LASER, DF-CO₂, CO chemical LASER are omitted as there other important types of LASERS are discussed. In Unit V- Characteristics of optical fiber is replaced by Fiber optic sensor and its types.
- For III U.G students the following modifications were done in the sixth semester, Core Course XIV – Digital Electronics and Microprocessor 8085, In Unit I the following portions:
standard representation of logic functions (SOP and POS) – minimization techniques (Karnaughmap: 2, 3, 4 variables) is removed and it will be discussed in detail in M.Sc program.
- For III U.G students the following modifications were done in the sixth semester, Core Course XIII-Solid State Physics, few topics are omitted since thy syllabus is heavy for 5 hour per week. In Unit I-Brillouin zone, rotating crystal mentod. In Unit II-Einstein and Debye theories of specific heat of solids. In Unit IV-classical theory of electric polarizability, normal and anomalous dispersion, Langevin Debye equation. In Unit V- elementary band theory.
- For III U.G students for Paper XVI- Project, it is decided to provide Internship Program to enhance the practical skills for doing projects.

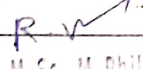
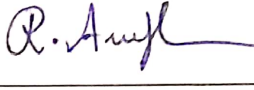
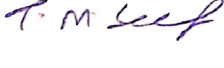
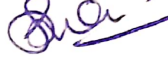
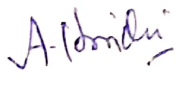
External Board members:

Name & Designation	Signature
University Nominee: Dr. K. Prabha, Associate Professor of Physics, Mother Terasa Women's University, Attuvampatty Campus, Kodaikanal – 624101.	 Dr. K. PRABHA Assistant Professor Department of Physics Mother Teresa Women's University Kodaikanal-624 101
Subject Expert : Dr. R .Premila, Associate Professor of Physics, Arulmigu Palani Andavar College of Arts and Culture, Palani .	 Dr. R. PREMILA , M.Sc., M.Phil., PDD ASSOCIATE PROFESSOR & HEAD DEPT. OF PHYSICS, ARULMIGU PALANIANDAVAR COLLEGE OF ARTS & C PALANI - 624 601



Alumni Dr. A. Anis Fatima, Associate Professor, Government Arts College Udamalpet.	 03/04/25 Dr. A. ANIS FATHIMA M.Sc., Ph.D., Associate Professor PG & Research Department of Physics Government Arts College Udamalpet - 642 126
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Internal Board members

Name & Designation	Signature
Chair Person: Dr.(Mrs).R.Valliammal, Associate Professor of Physics APAC(W), Palani	 Dr. R. VALLIAMMAL M.Sc., M.Phil., PGDCA., Ph.D., Associate Professor And Head, Department of Physics, Arulmigu Palaniandavar Arts College For Women, C.K. Puthur, Palani-624 615.
Dr. R. Arulmozhi, Associate Professor of Physics, APAC(W), Palani.	
Dr.(Mrs)T.M.Selvakumari, Assistant Professor of Physics, APAC(W), Palani.	
Dr.S.Porchelvi, Assistant Professor of Physics APAC(W), Palani.	
Dr. A. CHITRA DEVI Assistant Professor of Physics APAC(W), Palani	



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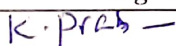
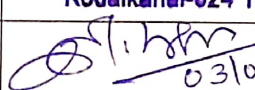
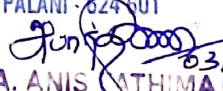
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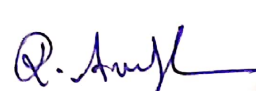
Modifications in the syllabus:

- For I P.G students the following modifications were done in the first semester, Core Course I – Mathematical Physics. In Unit V-Rodrigue formula may be deleted due to other methods are available for finding the solution differential equations
- For II P.G students the following modifications were done in the third semester, Core Course VII – Numerical Methods and Computer Programming(FORTRAN/C). In Unit II – Jacobi method to find the Eigen values and Eigen vectors may be omitted due to the presence of more number of methods in the same unit. In Unit IV – Gauss-Laguerre and Gauss-Chebyshev quadrature solution of ordinary differential equations may be deleted due to the availability of other methods.

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University Nominee: Dr. K. Prabha, Associate Professor of Physics, Mother Teresa Women's University, Attuvampatty Campus, Kodaikanal – 624101.	 Dr. K. PRABHA Assistant Professor Department of Physics Mother Teresa Women's University Kodaikanal-624 101
Subject Expert : Dr. R .Premila, Associate Professor of Physics, Arulmigu Palani Andavar College of Arts and Culture, Palani .	 Dr. R. PREMILA, M.Sc., M.Phil., PGDCA., Ph.D., ASSOCIATE PROFESSOR & HEAD, DEPT. OF PHYSICS, ARULMIGU PALANIANDAVAR COLLEGE OF ARTS & CULTURE, PALANI - 624 601
Alumni Dr. A. Anis Fatima, Associate Professor, Government Arts College Udumalpet.	 Dr. A. ANIS FATIMA M.Sc., Ph.D., Associate Professor PG & Research Department of Physics Government Arts College Udumalpet - 642 126

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Dr. R. Arulmozhi, Associate Professor of Physics, APAC(W), Palani.	

Dr.(Mrs)T.M.Selvakumari, Assistant Professor of Physics, APAC(W), Palani.	<i>T.M. Selvakumari</i>
Dr.S.Porchelvi, Assistant Professor of Physics APAC(W), Palani.	<i>S. Porchelvi</i>
Dr.A.Chitradevi Assistant Professor of Physics APAC(W), Palani.	<i>A. Chitradevi</i>

T. P. J.