

**Kongunadu Arts and Science College (Autonomous)  
Coimbatore – 641029**

**Department of Physics**

**Minutes of Ninth Board of Studies meeting**

The ninth meeting of the board of studies in Physics was conducted on Saturday, 01.03.2014 at 10.30 AM in the hall B-34. Dr.R.Sathyamoorthy, Associate Professor and HOD welcomed and greeted the members and requested to take up the agenda for discussion and approval.

- Item 1: **Confirmation of the Minutes of eighth board of studies meeting**  
Minutes of the eighth board of studies were approved.

**Proposal of following curriculum of the academic year 2013-2014 for the academic year 2014-2015 with the following modifications:**

- Item 2: **Proposal of inclusion and deletion of topics in B.Sc., theory and practical**  
 i) The topic, "Eyepiece" has been included in the core paper 5 – Optics and Laser Physics.  
 ii) In core paper 6 – Principles of Electronic devices and circuits, the topic approximate "Hybrid equivalent circuits" is deleted in Unit 2.  
 iii) In Core Practical I, the experiment – "Potentiometer – Specific Resistance" has been included.  
 iv) In Core Practical IV, the experiment – FET characteristics has been included.
- Item 3: **Proposal of rearranging the units in the theory paper**  
The units of core paper 9, Atomic and Solid state physics have been rearranged.
- Item 4: **Proposal of distributing allotted hours of the project in third Semester in M.Sc., Physics curriculum.**  
Allotted 5 hours of the project, 12PPH4Z1, has been distributed to core paper 8, core paper 9, core paper 10 and Major elective 1.
- Item 5: **Strengthening of the Syllabus of the P.G theory paper**  
The Syllabus of Major elective 1: Nano science has been strengthened.
- Item 6: **Proposal to include and delete certain topics in the theory of PG courses**  
 i) The topics, "Energy auditing and carbon credit", are included in the paper – Non Major elective 1 : Energy physics  
 ii) The topics, FTIR & Raman spectroscopy are deleted in NME II – Characterization of Materials

- iii) Thin Film analysis topics has been deleted in the Unit II of Core paper – 10: Thin Films, Plasma Physics and Crystal Growth and the topic “ Thickness measurements” has been included in the same unit and the title of Unit II has been changed to Nucleation, Growth and thickness measurements of thin films.

**Item 7: Restructuring of certain units of the following theory papers**

- i) Unit I of core paper 4 – Quantum Mechanics I (12PPH204)  
 ii) Unit IV and V of Modern optics (12PPH206)  
 iii) Unit II of core paper 10 -Thin films – (12PPH310) are restructured.

**Item 8: Approval of the panel of external examiners for ESE question paper settings, Practicals and Evaluation**

The board approved the given panel of external examiners for ESE, Question paper settings, Practicals and evaluation.

**Signature of the board members:**

**I. Chairman : Dr.R. Sathyamoorthy,**  
 Associate Professor and Head, Department of Physics

**II. Members**  
 (Entire Faculty)

- |                         |                     |
|-------------------------|---------------------|
| 1. Dr. M. Dhanam,       | Associate Professor |
| 2. Dr. R. Sarojini,     | Associate Professor |
| 3. Dr. K. Rajasekar,    | Associate Professor |
| 4. Dr. A. Anukaliani,   | Assistant Professor |
| 5. Mr.K. Karuppuswamy,  | Assistant Professor |
| 6. Dr. B. Chandrasekar  | Assistant Professor |
| 7. Dr. K. Saravanakumar | Assistant Professor |
| 8. Dr. M. Seetha,       | Assistant Professor |
| 9. Dr. P. Matheswaran   | Assistant Professor |
| 10. Mr. N. Manivannan,  | Assistant Professor |
| 11. Mrs. P. Vidhya,     | Assistant Professor |

*R. Sathyamoorthy*  
 11/3/14

*M. Dhanam*  
 11/3/14

*Sarojini*

*A. Anukaliani*  
 11/3/14

*K. Karuppuswamy*

*B. Chandrasekar*  
 11/3/14

*K. Saravanakumar*  
 11/3/14

*M. Seetha*  
 11/3/14

*P. Matheswaran*  
 11/3/14

*N. Manivannan*

*P. Vidhya*  
 01/03/14



## III. Subject Experts (2)

1. Dr. K. Srinivasan  
Associate Professor  
Department of Physics  
Bharathiar University  
Coimbatore – 641 046.  
Phone: 0422-2428442  
E-mail: [nivas\\_5@yahoo.com](mailto:nivas_5@yahoo.com)
2. Dr. V. Ponnusamy  
Associate Professor  
Department of Physics  
SRMV College of Arts and Science  
Coimbatore – 641 020.  
Phone: 0422-2695267, Mb: 944391227  
E-mail: [ponns007@yahoo.com](mailto:ponns007@yahoo.com)

*V.S.*  
1.3.14

## IV. Expert Nominated by the Vice Chancellor (1):

Dr. R.T. Rajendra Kumar  
Reader  
Department of Physics  
Bharathiar University  
Coimbatore – 641 046.

## V. Representative from Industry (1)

Dr. M. Palanisamy  
Senior Manager & Head  
R&D Division & Public Relations  
HPF, Indu Nagar  
Ooty – 643 005 The Nilgiris  
Ph: 9442190257  
E-Mail: [prohpf@gmail.com](mailto:prohpf@gmail.com)

## VI. Alumnus (1)

Dr. V. Veeravazhuthi  
Associate Professor  
Department of Physics  
PSG College of Arts and Science  
Coimbatore – 641 014.

*V.S.*  
1/3/14

## VII. Student Members (2)

1. Mr. S. Prabhakaran (122PH014)  
II M.Sc., Physics
2. Mr. K. Loyangamba Maimom (111PH022)  
III B. Sc., Physics

*S. Pr.*  
*Maimom*  
*K. Loyangamba*



**PRINCIPAL**  
**KONGUNADU ARTS & SCIENCE COLLEGE**  
**COIMBATORE-641 029.**