



P.K.R. ARTS COLLEGE FOR WOMEN

(An Autonomous Institution-Affiliated to Bharathiar University, Coimbatore)
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade
Gobichettipalayam – 638 476, Erode District, Tamil Nadu, India Website: www.pkrarts.org
|E.mail: pkroffice@gmail.com | Phone: 04285 - 222128

NAAC
2nd Cycle

Criterion I

CRITERIA-I

1.1.3. Department of Physics (PG) –Minutes of Board of Studies


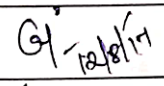
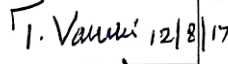
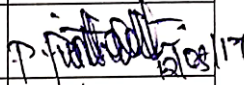
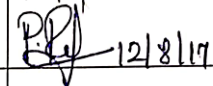
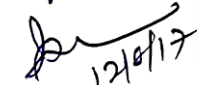
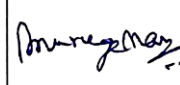
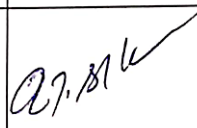
Name of the Programme : M.Sc Physics

S. No.	Academic Year	Minutes No	Minutes pp
1	2017 – 2018	1 st BoS Minutes	1-2
2	2018 – 2019	2 nd BoS Minutes	3-5
3	2019 – 2020	3 rd BoS Minutes	6-7
4	2020 – 2021	4 th BoS Minutes	8-10
5	2021 – 2022	5 th BoS Minutes	11-14

BOS – Minutes of Meeting 2017 – 2018

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Members of Board of Studies in Physics

Particulars	Name and Designation	Signature
Chairman	1. Mrs. V. Radhika, Asst. Professor, Head in charge of Physics	
Faculty members	1. Mrs. C. Aruljothi, Asst. Professor of Physics	
	2. Dr. T. Vasuki, Asst. Professor of Physics	
	3. Ms. P. Punithavathi, Asst. Professor of Physics	
	4. Ms. P. Rajalakshmi, Asst. Professor of Chemistry	
Subject experts	1. Dr. P.M. Anbarasan, Professor & coordinator, Centre for Research in Nanoscience & Nano Technology, Periyar University, Salem – 636011. Ph. No. - 9443659435	
	2. Prof. R. Murugesan, Head of Physics (Retd.), Vivekanandha College of Arts & Science, Madurai. Ph. No. - 7598314034 9944831832	
University nominee	1. Dr. R. T. Rajendra Kumar, Associate Professor, Department of Nano Science & Nano Technology, Bharathiar University, Coimbatore - 641046. Ph. No. - 9789757888	
Industry member	1. Mr. Sabapathy, Seyyone Software Solutions, 73, Anna Nagar, Opp. Satyan Eye Hospital, Ramanathapuram, Coimbatore - 45. Ph. No. - 0422 2310240.	Leave on absence
Meritorious alumnus	1. Dr. K. Sownthari, Asst. Professor of Physics, Stella Maris College, Chennai - 6000086. Ph. No. - 9894385632	Leave on absence

Minutes

The BOS meeting for PG Board - Physics was conducted on 12.8.2017 at Hall: No: 10 at 12:30 pm.

The chairperson welcomed the gathering and the panel members were introduced.

The following decisions were taken in the meeting.

* The title of the core paper "Communication Systems" is suggested to be changed to "Electronic / Digital Communication Systems."

* "Institutional Training" is to be changed to "Industrial Training", and is not a core paper.

* "Comprehension in Physics" is not a core paper.

* "Advanced Solid State Physics" is to be changed as "Condensed Matter Physics".

* "Solar Physics" Subject is to be given in II semester, to reduce the toughness of the final semester.

* It is also suggested that a new core paper "Advanced Characterisation Techniques" may be introduced, if necessary.

1. Maseehyan
2. T. Vasuki
3. P.P.J.
7. Anurag

2. G.P.
4. P. [Signature]
6. [Signature] 12/8/17
8. A.M.L. 12/8/17

Maseehyan
Head,

Department of Physics,
P.K.R. Arts College for Women.



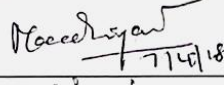
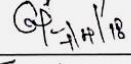

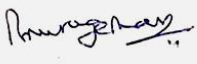

[Signature] 12/8/17
Vice Principal
P.K.R. Arts College for Women

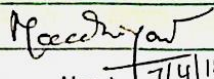
BOS – Minutes of Meeting 2018 – 2019

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Members of Board of Studies in Physics

Particulars	Name and Designation	Signature
Chairman	Mrs. V. Radhika, Asst. Professor, Head in charge of Physics	
Faculty members	1.Mrs. C. Aruljothi, Asst. Professor of Physics	
	2.Dr. T. Vasuki, Asst. Professor of Physics	T. Vasuki 07/04/18
	3.Ms. P. Punithavathi, Asst. Professor of Physics	P. Punithavathi 07/04/18
	4.Ms. P. Rajalakshmi, Asst. Professor of Chemistry	
Subject experts	1.Dr. P.M. Anbarasan, Professor & coordinator, Centre for Research in Nanoscience & Nano Technology, Periyar University, Salem.	leave on absence
	2.Prof. R. Murugesan, Head of Physics (Retd.), Vivekanandha College of Arts & Science, Madurai.	
University nominee	1.Dr. R. T. Rajendra Kumar, Associate Professor, Department of Nano Science & Nano Technology, Bharathiar University, Coimbatore.	
Industry member	1.Mr. Sabapathy, Seyyone Software Solutions, 73, Anna Nagar, Opp. Satyan Eye Hospital, Ramanathapuram, Coimbatore.	leave on absence
Meritorious aluminous	1.Dr. K. Sowthari, Asst. Professor of Physics, Stella Maris College, Chennai.	leave on absence


Head, 7/4/18

Department of Physics,
P.K.R. Arts College for Women,
Gobichettipalayam - 638476.




7/4/18

Vice Principal
P.K.R. Arts College for Women,
Gobichettipalayam.

MINUTES OF THE MEETING OF PG BOARD OF
STUDIES IN PHYSICS :

Date : 07.4.2018

Time : 1:00 pm

1. The minutes of the first meeting of the PG Board of Studies held on 12.8.17 is confirmed.
2. The Action Taken Report on the resolutions passed in the previous meeting is considered and approved.

3

Ratification of revision on the course scheme and scheme of examinations of the academic year 2017-18 are as follows :

- The course "Numerical Methods And Matlab Programming" may be introduced in the I Semester in Part III as a core course
- The course "Essentials Of Nano Science" may be introduced as a core elective in Part III in I Semester
- The course "Radiation Physics" may be given as a option for the core elective in Part III in I Semester
- A core course "Comprehension In Physics" may be introduced as a self study course in each Semester. Online exam may be conducted at the end of each Semester.

Resolution of the course scheme and scheme of examinations of the academic year 2018 -19 and onwards are as follows :

- Very few modifications in the syllabus of **core II, Semester I** are done.
- Few modifications in the syllabus of **core III, Semester I** are done
- Few modifications in the syllabus of **core VIII, Semester I** are done
- Very few modifications in the syllabus of **core IX, Semester II** are done.
- The syllabus of **core X in semester II** is modified .Few topics are included.
- The syllabi of **core XI – Elective II (Astronomy And Astrophysics / Experimental Techniques)** in semester II are modified . Few topics are included.

4. a) In the Core Elective Course, "Essentials of Nano Science", "Applications of Nano Science" may be included.

b) The Core Course "Atomic and Molecular Spectroscopy" Syllabus is to be simplified.

c) The Core Course "Nuclear Physics & Elementary particles" - Syllabus is very vast and tough. Few deletions can be done.

d) In Core Elective III, "Stages and modes of Film growth, Few pumps" may be included in Unit - I.

e) In Core Course "Condensed Matter Physics" the topics such as Reciprocal Lattice, Brillouin Zones can be removed. Syllabus may be simplified.

d) The title of the Core XXV may be changed. Few topics in "Thermodynamics" may be included.

5. The meeting came to an end with a vote of thanks proposed by Dr. T. Vasuki.

S. J. D. 21/11/18

Maeedryal
Head,

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BOS – Minutes of Meeting

2019 – 2020

36

MEETING OF BOARD OF STUDIES IN PHYSICS

Date: 09/04/2019

Time: 10.00 am

Venue: UG PHYSICS LAB

SL. NO	CATEGORIES	NAME & DESIGNATION	SIGNATURE
1	Chairperson	Dr. V. Radhika, Asso. Professor & Head, Dept. of Physics	<i>M. Radhika</i> 9/4/19
2	Subject Expert-I	Dr. P.M. Anbarasan, Professor & coordinator, Centre for Research in Nanoscience & Nano Technology, Periyar University, Salem	Leave on absence
3	Subject Expert-II	Prof. R. Murugesan, Head of Physics (Retd.), Vivekanandha College of Arts & Science, Madurai	<i>R. Murugesan</i> 9/4/19
4	University Nominee	Dr. R. T. Rajendra Kumar, Associate Professor, Department of Nano Science & Nano Technology, Bharathiar University, Coimbatore	Leave on absence
5	Industry Representative	Mr. Sabapathy, Seyyone Software Solutions, 73, Anna Nagar, Opp. Satyan Eye Hospital, Ramanathapuram, Coimbatore	Leave on absence
6	Meritorious PG Alumnae	Dr. K. Sowthari, Asst. Professor of Physics, Stella Maris College, Chennai	Leave on absence
7	Member : 1	Mrs. C. Aruljothi, Asst. Professor of Physics	<i>C. Aruljothi</i> 9/4/19
8	Member: 2	Dr. T. Vasuki, Asso. Professor of Physics	<i>T. Vasuki</i> 09/04/19
9	Member : 3	Ms. P. Punithavathi, Asst. Professor of Physics	Leave on absence
10	Member: 4	Mrs. P. Rajalakshmi, Asst. Professor of Chemistry	<i>P. Rajalakshmi</i> 9/4/19

M. Radhika
Head, 9/4/19

Department of Physics,
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P. Rajalakshmi
Principal
P.K.R. Arts College for Women
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L.ode District.

MINUTES OF MEETING HELD ON 9.4.19:-

The PG Board of Studies (Physics) meeting was held on 9.4.19 at UG Physics Lab at 11:45 a.m. The chairperson welcomed the gathering.

1. The minutes of the meeting of PG Board of Studies held on 7.4.18 is confirmed.

34 35

2. The Action Taken Report on the resolutions passed in the previous meeting held on 7.4.18 is approved.

3. The minor changes for the Books for Study and the Books for Reference are approved.

4. The fresh panel of members for QP setting and the panel of examiners for practical examinations and central valuation is recommended.

5. The Syllabi for all Courses (Subjects) for semesters from 1 to 4 offered to PG Students admitted during the academic year 2019 - 2020 is approved and recommended to the academic council

Ratification of revision on the course scheme & scheme of examination of the academic year 2018- 2019 and onwards are as follows:

- The Core Optional Course is renamed as Open Elective
- In the Core Course "Condensed Matter Physics"(Course Code : 18PHP21) the topics, "Recent developments in High temperature Superconductivity" and "Applications of Superconductors" in Unit IV may be deleted. The title of Unit V may be modified as "Magnetism". In Unit V, the topics " Langevin Classical theory of Diamagnetism and Paramagnetism" and "Weiss theory" may be deleted

M. Sreedharan
Head, 9/4/19
Department of Physics,
P.K.R. Arts College for Women,
Gobichettipalayam - 638476



[Signature]
9/4/19

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BOS – Minutes of Meeting

2020 – 2021



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Date: 3.7.2020

Time: 11 a.m. – 12.30 p.m.

MEMBERS OF BOARD OF STUDIES IN PHYSICS

SL. NO	CATEGORIES	NAME & DESIGNATION	SIGNATURE
1	Chairperson	Dr. V. Radhika, Asso. Professor & Head, Department of Physics Ph.No.: 6383486070 e.mail.id : radhikaviswanath@gmail.com	
2	Subject Expert-I	Dr.T.S. Senthil, Professor & Head, Department of Physics, Erode Sengunthar- Engineering College, Thudupathi . Ph. No.: 9944639993 e.mail.id : tssenthi@gmail.com	
3	Subject Expert-II	Dr. V. Vasanthi, Post Doctoral Fellow, Department of Physics, National Institute of Technology, Trichy. Ph.No.: 9443650539 e.mail.id : vasanphy@gmail.com	
4	University Nominee	Prof. Dr. P. Christopher Selvin, Professor, Department of Physics, Bharathiar University, Coimbatore Ph. No: 9486243082 e.mail.id : pcsphyngmc@gmail.com	 Dr. P. CHRISTOPHER SELVIN Professor of Physics Bharathiar University Coimbatore - 641 046, TN, INDIA.
5	Industry Representative	Mrs. K.S. Sangeetha, 22, Eswaran Street, Kugalur – 638313 Ph. No.: 9944725132 e.mail.id : sangeelsgk@gmail.com	
6	Meritorious PG Alumnae	J. Sheeba Veronica, Ph.D (Full Time), Bharathiar University, Coimbatore – 641046 Ph.No.: 9442542912 e.mail.id : sheebavero23@gmail.com	




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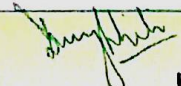
7	Member : 1	Mrs. C. Aruljothi, Asst.Professor of Physics Ph.No.: 9487757813 e.mail.id : aruljothick@gmail.com	
8	Member: 2	Dr. T. Vasuki, Asso.Professor of Physics Ph.No.: 8870144299 e.mail.id : vasukitele@gmail.com	
9	Member : 3	Mrs. P. Rajalakshmi, Asst.Professor of Chemistry Ph.No.: 8012286046 e.mail.id : : rajalakshmimsc09@gmail.com	
10	Member: 4	Ms. N.Subatra, Asst.Professor of Physics Ph.No.: 7418096722 e.mail.id : subanagaraj2105@gmail.com	

Principal
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Minutes of the meeting held on 3.7.2020

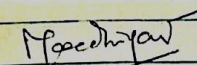
1. The minutes of the meeting of Board of Studies held on 9.4.2019 is confirmed.
2. The Action taken report on the resolutions passed on the previous meeting held on 15.4.2019 is approved.
3. The ratifications in M.Sc., Physics programme course structure, course scheme, syllabus and scheme of examination for the students admitted during 2020-21 and onwards are approved.
4. The incorporation of Value added course: Material Science during the academic year 2020-2021 and onwards is approved.
5. The fresh list of panel of members for QP setting and the list of panel of examiners for practical examinations and central valuation is recommended.
6. As per the suggestion given by university nominee, the problems may be included in the various courses of the syllabus and question pattern, in near future.
7. The CSIR NET and GATE syllabus may be referred for PG syllabus framing in future.
8. The University nominee Dr. Christopher Selvin, appreciated the Board for the content and the quality of syllabi of both UG and PG Boards.

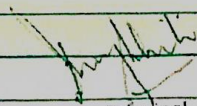

Dr. V. R., Ph.D.,
Associate Professor & Head,
Department of Physics,
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Principal
P.K.R. Arts College for Women
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Minutes of the meeting held on 5.8.2020

1. It was resolved and approved the detailed syllabi of value added courses: For the I year students is Material Science and for the II year students is Problem Solving for NET/SLET.
2. It was resolved and approved the detailed syllabi of open elective course - Environmental Physics (20PHPC01) for other major students in part IV, semester III.


Dr. V. RADHIKA, Ph.D.,
Associate Professor & Head,
Department of Physics,
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Principal
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BOS – Minutes of Meeting

2021 – 2022



P.K.R. ARTS COLLEGE FOR WOMEN (Autonomous)
Gobichettipalayam-638 476

Date: 21.8.2021

Time: 11 a.m.

MEMBERS OF BOARD OF STUDIES IN PHYSICS

SL. NO	CATEGORIES	NAME & DESIGNATION	SIGNATURE
1	Chairperson	Dr. V. Radhika. Asso. Professor & Head, Department of Physics Ph.No.: 6383486070 e.mail.id : radhikaviswanath@gmail.com	
2	Subject Expert-I	Dr.T.S. Senthil, Professor & Head, Department of Physics, Erode Sengunthar- Engineering College, Thudupathi . Ph. No.:9944639993 e.mail.id :tsenthil@gmail.com	
3	Subject Expert-II	Dr. V.Vasanthi, Post Doctoral Fellow, Department of Physics, National Institute of Technology, Trichy. Ph.No.: 9443650539 e.mail.id : vasanphy@gmail.com	
4	University Nominee	Prof. Dr. P.Christopher Selvin, Professor, Department of Physics, Bharathiar University, Coimbatore Ph. No:9486243082 e.mail.id :pcsphynmc@gmail.com	 Dr. P. CHRISTOPHER SELVIN Professor of Physics Bharathiar University Coimbatore - 641 046, TN, INDIA.
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6	Meritorious PG Alumnae	J.Sheeba Veronica, Ph.D (Full Time), Bharathiar University, Coimbatore – 641046 Ph.No.: 8012042912 e.mail.id :sheebavero23@gmail.com	



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8	Member: 2	Dr. T. Vasuki, Asso. Professor of Physics Ph.No.: 8870144299 e.mail.id : vasukit@pkrarts.org	
9	Member : 3	Mrs. P. Rajalakshmi, Asst. Professor of Chemistry Ph.No.: 8012286046 e.mail.id : rajalakshmip@pkrarts.org	
10	Member: 4	Ms. A. Neelaveni, Asst. Professor of Physics Ph.No.: 9442706889 e.mail.id : neelavenia@pkrarts.org	

25/5/22

Principal
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P.K.R. ARTS COLLEGE FOR WOMEN

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Minutes

The BOS meeting for PG-Board Physics was conducted on 21.08.2021 through online mode BoS - Google Meet - <https://meet.google.com/rxp-czaw-qgc> at 11 a.m. The chairperson welcomed the gathering and the panel members were introduced

The following decisions were taken in the meeting

1. Confirmation of the minutes of the fourth meeting of the Board of studies held on July 3rd 2020.
2. The action taken on the resolutions passed in the previous meeting held on 26.11.2020 is approved.
3. The M.Sc., Physics Course structure, course scheme and scheme of examination for the students admitted during 2021-22 and onwards is approved.
4. The detailed syllabi of the CORE COURSES and OPEN ELECTIVE courses along with mapping of CO and PSO statements to be incorporated from the academic year 2021-2022 and onwards is approved.
5. The detailed syllabi of PROFICIENCY ENHANCEMENT AND COMPETENCY ENHANCEMENT courses along with mapping of CO and PSO statements to be incorporated from the academic year 2021-2022 and onwards is approved.
6. The Nomenclature of PROFICIENCY ENHANCEMENT in Semester IV , Part V Online Courses / Learning Object Repository (LOR) is changed to COMPETENCY ENHANCEMENT, is approved.
7. The ratification of the guidelines of SCHOLASTIC & CO-SCHOLASTIC COURSES (optional & mandatory) to be incorporated from the academic year 2021-2022 and onwards is approved.

8. Ratification of the guidelines for credit transferability, is included in the guidelines of Extra Credit courses in the "Rules and Regulations to the students admitted in 2017-18 and onwards" for the students admitted during 2020-21 batch only .
9. The distribution of marks and question paper pattern for various courses under PART-III, PART-IV AND PART-V from the academic year 2021-2022 and onwards is incorporated and approved.
10. A fresh panel of members of QP Setting and Panel of Examiners for practical examinations and central valuation is recommended.
11. COMPREHENSION COURSES offered under PART-III are not to be considered equivalent to CORE COURSES and hence ALL FOUR courses are discarded from this academic year 2021-22 and onwards.
12. The title of the course, "Nuclear Physics & Elementary Particles" is revised as "Nuclear and Particle Physics" for the students admitted in academic year 2021-22 and onwards.
13. As per the suggestion given by Dr.V.Vasanthi, Subject Expert, the data analysis of various spectra like XRD, UV, FTIR may be included in the Course, "Advanced Physics Practical - II" to the existing experiments, from the students admitted during 2021-2022 and onwards.

M. S. Srinivasan
21.8.21

V. Vasanthi
21/8/21

Principal
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