CRITERIA-I

1.1.2. Department of Physics (UG)

Board of Studies - Constitution and Minutes of Meeting

Name of the Programme : B.Sc Physics

S. No.	Academic Year	Minutes No	Minutes pp
1	2017 – 2018	1st BOS Minutes	1-2
2	2018 – 2019	2nd BOS Minutes	3-5
3	2019 – 2020	3rd BOS Minutes	6-7
4	2020 – 2021	4th BOS Minutes	8-11
5	2021 – 2022	5th BOS Minutes	12-16

Board of Studies - Constitution and Minutes of Meeting

2017 – 2018

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Gobichettipalayam – 638476

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	12/8/17
	2. Dr. T. Vasuki, Asst. Professor of Physics	T. Vasuki 12/8/17
	3. Ms. P. Punithavathi, Asst. Professor of Physics	12/8/17
	4. Ms. P. Rajalakshmi, Asst. Professor of Chemistry	12/8/17
Subject experts	1. Dr. P.M. Anbarasan, Professor & coordinator, Centre for Research in Nanoscience & Nano Technology, Periyar University, Salem – 636011. Ph. No. - 9443659435	12/8/17
	2. Prof. R. Murugeshan, 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 aluminous	1. Dr. K. Sowntharí,. Asst. Professor of Physics, Stella Maris College, Chennai - 6000086. Ph. No. - 9894385632	Leave on absence

Minutes

Meeting held on 12.8.2017:

The Board of Studies meeting for the Department of Physics was held in Hall: NO:10 at 12:00 noon. The Chairperson welcomed the gathering and introduced the panel members. The following decisions were taken for UG Board (B.Sc Physics) in the meeting.

* Equal credits are to be given to all the core papers.
* Competitive Examination paper is not allowed to be given as core subject.
* "Electricity & Magnetism" subject is to be included as core paper.
* 'Electronics' subject is to be given in V Semester and "Digital Electronics" in VI Semester.
* "classical Mechanics" is to be given in V Semester and "Quantum Mechanics" in VI Semester.
* It is advised to give "Mathematical Physics" subject in III Semester, and "Optics" in IV Semester.

1.
2.
3. T. Vasuki 12/8/17
4. P.
5.
6. 12/8/17
7.
8. 12/8/17

12/8/17

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

Head,
Department of Physics,
P.K.R. Arts College for Women,
Gobichettipalayam-638 476.

Board of Studies - Constitution and 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	7/4/18
Faculty members	1.Mrs. C. Aruljothi, Asst. Professor of Physics	7/4/18
	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. Murugeshan, 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. Sownthari,. Asst. Professor of Physics, Stella Maris College, Chennai.	leave on absence

7/4/18

Head,
Department of Physics,
P.K.R. Arts College for Women,
Gobichettipalayam - 638 476.

7/4/18

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

MINUTES OF THE MEETING HELD ON 07.04.2018:

1. The minutes of the I BoS meeting held on 12.8.17 (21) is confirmed for UG Board.
2. The Action Taken Report on the resolutions passed in the previous meeting held on 12.8.17 is Considered and approved.
3.

Ratification of revision on the course scheme and scheme of examinations of the academic year 2018-19 are as follows :

- In Semester I " Mechanics" course is introduced.
- 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 2017 -18 and onwards are as follows :

- Very few modifications in the syllabus of **core V – Allied II, Semester II** are done.

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

- In Semester I " Mechanics" course is introduced.

The BoS meeting for UG Board in Physics was conducted on 7th April '18 at 11:00 am, in Hall No: 10, UG Block.

The chair person welcomed the gathering and introduced the members of the Board. The following decisions were taken in the meeting.

1. In the core course, "Mathematical Physics", "Numerical methods" may be included.
2. For the "comprehension" courses, the number of questions given to CoE may be increased. Rote learning is to be avoided by the students. To implement this, questions may be set in a variety.

3. In "Quantum Mechanics & Relativity", the topics given under the heading "Commutation Algebra" may be deleted, to remove the heaviness of the paper.

4. In core course "Atomic and Nuclear Physics", the topics under the heading "Positive Rays" may be deleted. "Magneto Optical properties of Spectrum" may be included.

5. The item No. 4 to 6 are approved.

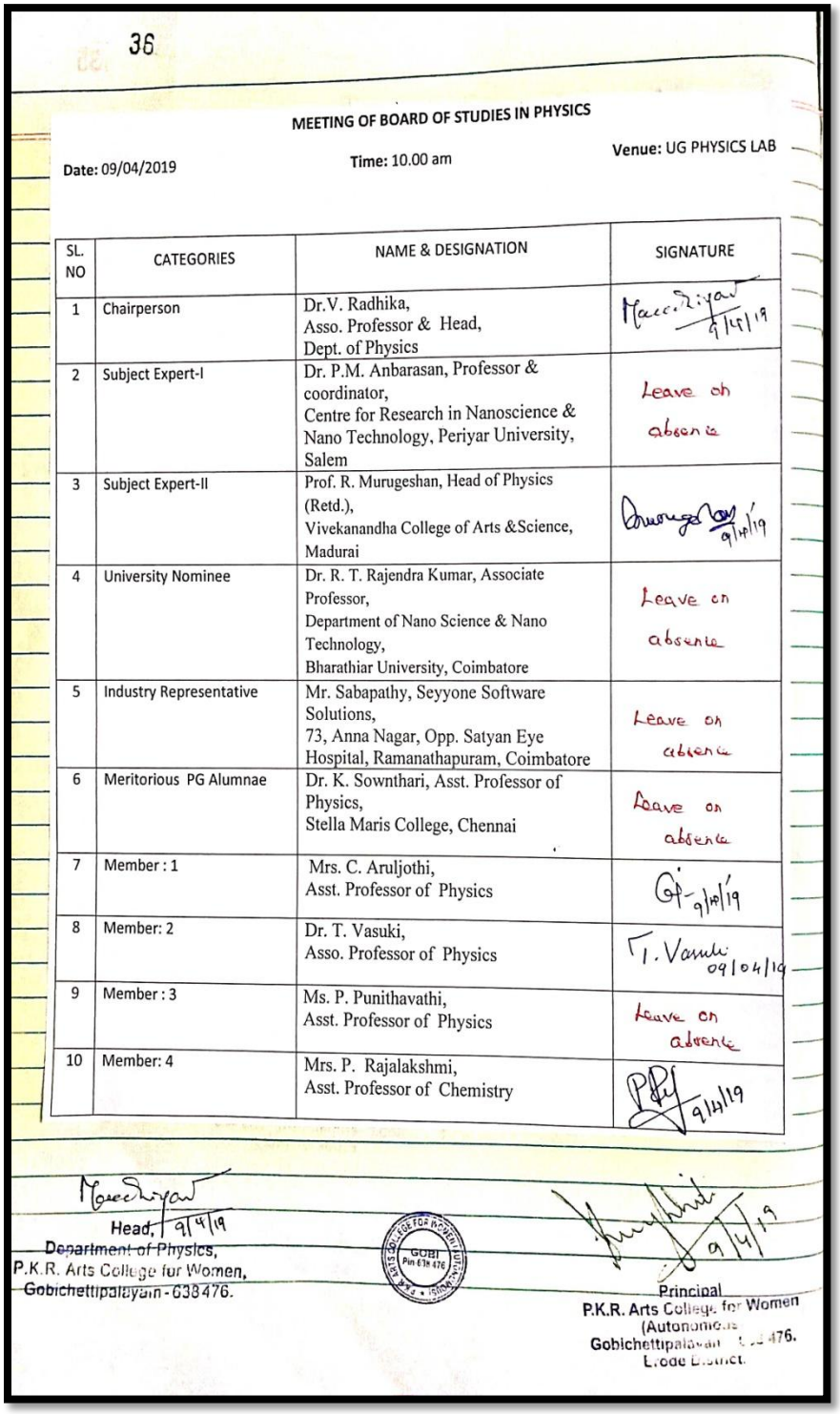
6. The meeting came to an end with a vote of thanks given by Dr. T. Vasuki, Asst. Prof of Physics.

7/4/18

Head,
Department of Physics,
P.K.R. Arts College for Women,
Gobichettipalayam-638 476.

Board of Studies - Constitution and Minutes of Meeting

2019 – 2020



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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	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. Murugeshan, Head of Physics (Retd.), Vivekanandha College of Arts &Science, Madurai	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. Sownthari, Asst. Professor of Physics, Stella Maris College, Chennai	Leave on absence
7	Member : 1	Mrs. C. Aruljothi, Asst. Professor of Physics	9/4/19
8	Member: 2	Dr. T. Vasuki, Asso. Professor of Physics	T. Vasuki 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	9/4/19

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

Principal
P.K.R. Arts College for Women
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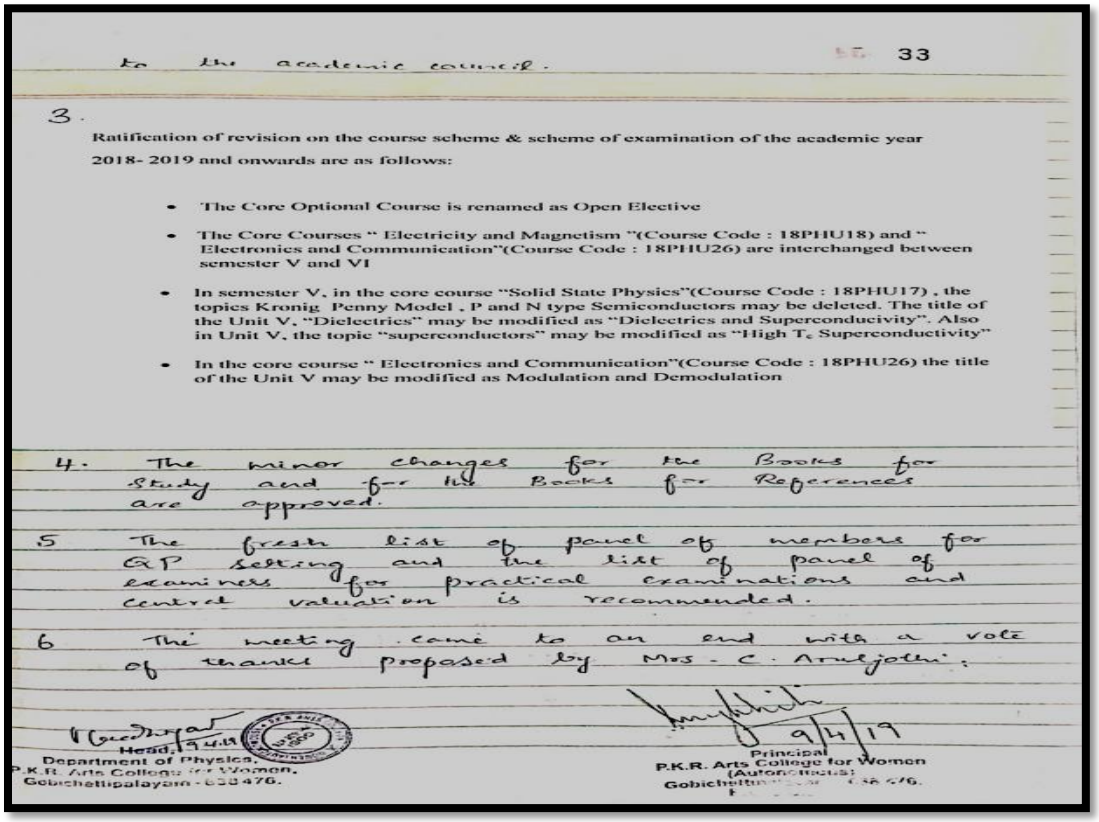
Gobichettipalayam - 638 476.
Erode District.

MINUTES OF THE MEETING HELD ON 09.04.'19 :-

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

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

3. The syllabi for all courses (Subjects) for Semesters 1 to 6 offered to UG students admitted during the academic year 2019-2020 is approved and recommended



to the academic council. 33

3.

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
- The Core Courses " Electricity and Magnetism "(Course Code : 18PHU18) and " Electronics and Communication"(Course Code : 18PHU26) are interchanged between semester V and VI
- In semester V, in the core course "Solid State Physics"(Course Code : 18PHU17) , the topics Kronig Penny Model , P and N type Semiconductors may be deleted. The title of the Unit V, "Dielectrics" may be modified as "Dielectrics and Superconducivity". Also in Unit V, the topic "superconductors" may be modified as "High T_c Superconductivity"
- In the core course " Electronics and Communication"(Course Code : 18PHU26) the title of the Unit V may be modified as Modulation and Demodulation

4. The minor changes for the Books for Study and for the Books for References are approved.

5 The fresh list of panel of members for QP setting and the list of panel of examiners for practical examinations and centred valuation is recommended.

6 The meeting came to an end with a vote of thanks proposed by Mrs. C. Aruljothi.

Head, 9.4.19
Department of Physics,
P.K.R. Arts College for Women,
Gobichettipalayam - 638 476.

9/4/19
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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- EngineeringCollege,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.ChristopherSelvin, 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 : vasukitelc@gmail.com	T. Vasuki
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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Erode District.

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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. Ratification of syllabus of skill enhancement course – III : Programming in C, C++ : Practical for 2018-19 and 2019-20 is approved.
4. The changes in B.Sc., Physics programme course structure, course scheme, syllabus and scheme of examination for the students admitted during 2020-21 and onwards are approved.
5. Revision of guidelines of B.Sc., Physics programme (Ability Enhancement Course, Skill Enhancement Course - Life skills) is approved.
6. The incorporation of Value added course: Crystal Physics during the academic year 2020-2021and onwards is approved.
7. The Introduction of Life skills course for 2020-2021 batch and onwards (Course Scheme and Scheme of Evaluation) is approved.
8. 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.
9. As per the suggestion given by university nominee, National Graduate Physics Examination (NGPE) offered by Indian Association of Physics Teachers (IAPT) may be recommended for Advanced learners of B.Sc., Physics Students in near future.
10. The University nominee Dr. Christopher Selvin appreciated the Board for the content and quality of syllabi of both UG and PG Boards.

3.7.20

Dr. V. RADHIKA, Ph.D.,
Associate Professor & Head,
Department of Physics,
P.K.R. Arts College for Women
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Gobichettipalayam - 638 476.

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 Crystal Physics and for the III year students is Problem solving in Physics for Competitive exams.

Dr. V. RADHIKA, Ph.D.,
Associate Professor & Head,
Department of Physics,
P.K.R. Arts College for Women
(Autonomous)
Gobichettipalayam - 638 476.

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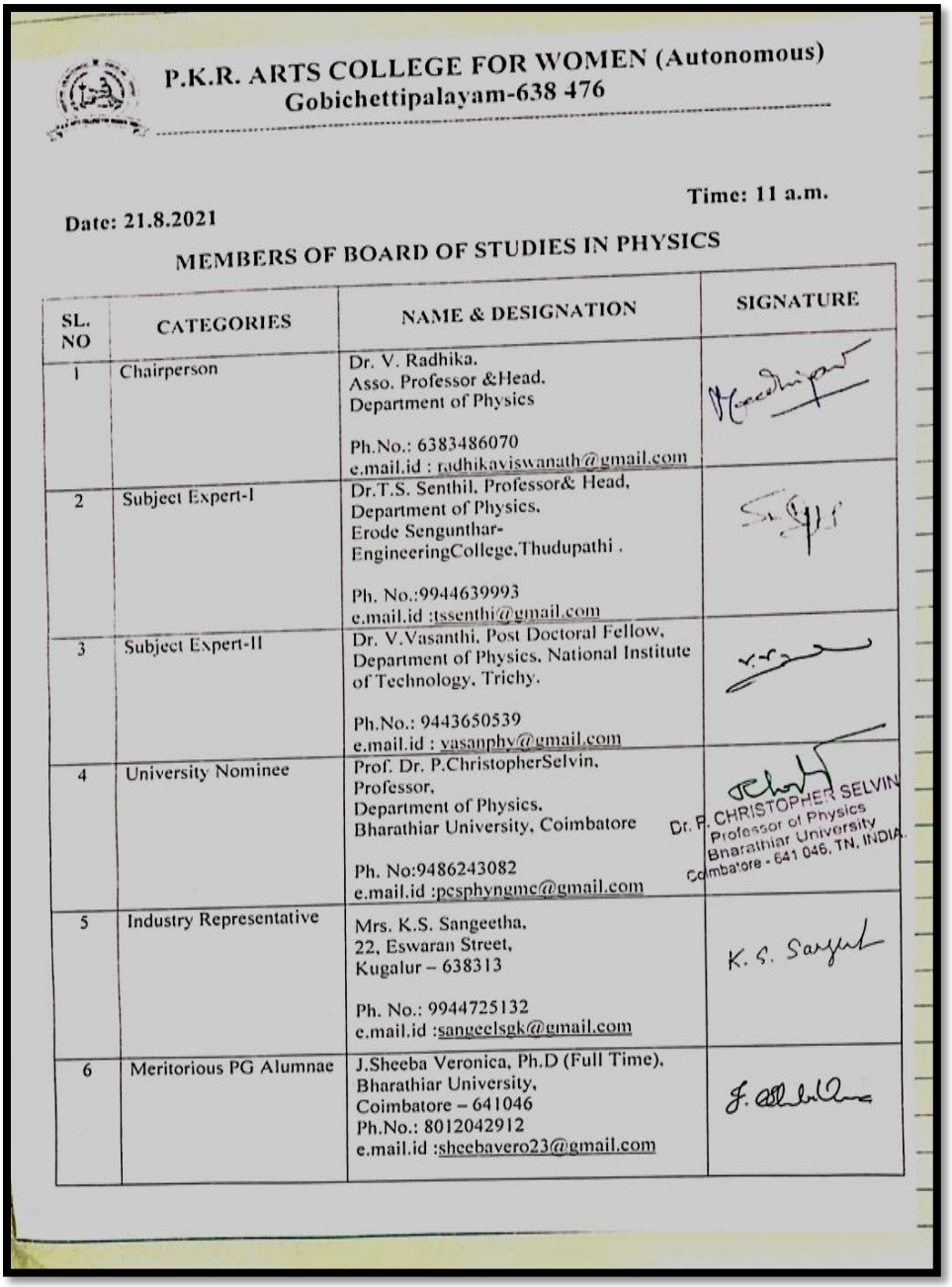
Erode District.

Board of Studies - Constitution and Minutes of Meeting

2021 – 2022



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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- EngineeringCollege,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.ChristopherSelvin, 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	K. S. Sangeetha
6	Meritorious PG Alumnae	J.Sheeba Veronica, Ph.D (Full Time), Bharathiar University, Coimbatore – 641046 Ph.No.: 8012042912 e.mail.id :sheebavero23@gmail.com	J. Sheeba Veronica

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7	Member : 1	Mrs. C. Aruljothi, Asst. Professor of Physics Ph.No.: 9487757813 e.mail.id : aruljothic@pkrarts.org	
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 : neelaveni@pkrarts.org	

25/3/22

Principal
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Erode District.

MINUTES

Date: 21.8.2021 **Time: 11 a.m.**

- The Chair Person extended a warm welcome to all the members
- The Action Taken Report of the previous meeting was read and approved
- The Agenda of the meeting was taken up for the discussion

1. Minutes of the fourth meeting of the Board of studies held on 3.7.2020 was confirmed

2. The action taken report on the resolutions passed in the previous meeting held on 26.11.2020 was approved

3. The guidelines for credit transferability, to be included in the guidelines of Extra Credit courses of B.Sc Physics Degree programme for the students admitted during 2019-20 and 2020-21 batches was ratified

4. The title of the course, "Applied Instrumentation and Spectroscopy" may be changed as "Applied Instrumentation" for the students admitted from 2019- 2020 and onwards was ratified

5. The rules and regulations of the students admitted for the B.Sc Physics Degree programme for the students admitted during 2021-22 and onwards was approved and adopted

6. The Course structure, course scheme, scheme of examination for the students admitted during 2021-22 and onwards was approved and adopted

   - The Chair Person informed all the members that the structure and scheme of academic year 2021-22 was designed as per the UGC Guidelines. The Chair Person presented the course structure, course scheme, syllabi and scheme of examination for the students admitted during 2021-22 and onwards

7. The detailed syllabi of the SCHOLASTIC COURSES: PART III: CORE & ALLIED

COURSES & OPEN ELECTIVE course (for other major students), along with the inclusion of the Articulation matrix (mapping of CO and PSO statements) and OBE attainment level to be incorporated from the academic year 2021-2022 and onwards was approved and adopted

- The university nominee appreciated the quality of the syllabi, framed in B.Sc., Physics programme
- COMPREHENSION COURSES offered in PART - III are not to be considered as a course with additional credit and hence ALL SIX courses are suggested to discard from this academic year 2021-22 and onwards
- The university nominee highly appreciated the open elective course, which is offered to the other major students of the college
- He also suggested including Particle Physics, in the course Atomic and Nuclear Physics

8. The detailed syllabi of SCHOLASTIC COURSES: PART IV: SKILL ENHANCEMENT courses & OPEN ELECTIVE course for other major students, PART V: PROFICIENCY ENHANCEMENT and PART V: COMPETENCY courses, along with the inclusion of the Articulation matrix (mapping of CO and PSO statements) and OBE attainment level to be incorporated from the academic year 2021- 2022 and onwards were approved and adopted

9. The detailed syllabi of CO – SCHOLASTIC COURSES (BOTH MANDATORY AND OPTIONAL COURSES) to be incorporated from the academic year 2021-2022 and onwards were approved and adopted

(i) The detailed syllabus of CERTIFICATE COURSE "BASIC ELECTRONICS" to be incorporated from the academic year 2021-2022 and onwards was approved

(ii) The conversion of Comprehension in Physics Courses under Part III as extra credit Courses for the students admitted during 2021-22 and onwards was approved

(iii) The guidelines for EXTRA-CREDIT COURSES to be incorporated from the academic year 2021-2022 and onwards were approved

- It was resolved and approved detailed syllabi of following Extra credit courses offered to Advanced Learners

(i) DIGITAL LITERACY

(ii) PYTHON PROGRAMMING

(iii) ACOUSTICS

(iv) THEORY OF RELATIVITY

10. The distribution of marks and question paper pattern for various theory and Practical courses under PART-III. PART-IV AND PART-V to be incorporated from the academic year 2021-2022 and onwards were approved and adopted

11. The Board has given fresh panel of examiners for question paper setting and panel of examiners for practical and central valuation

- Finally the chair person thanked the members for their valuable suggestions

21.8.21

21/8/21

Principal
P.K.R. Arts College for Women
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