

## **Department of Physics and Electronics**

### **Minutes of the 7<sup>th</sup> BoS meeting in Physics held on 07-12-2019 at 2.00pm in the committee room, MBA Block.**

#### **Members present:**

- |                          |                  |
|--------------------------|------------------|
| 1. Mrs B Niraimathi      | -Chairperson     |
| 2. Prof G Prasad         | -OU Nominee      |
| 3. Ms. V.Anuradha        | -Academic Expert |
| 4. MsUshaPraveena        | -Academic Expert |
| 5. Dr. B Sreedhar        | -Industry Expert |
| 6. MsV R Manjula         | -Member          |
| 7. Dr GSVRK Choudary     | - Member         |
| 8. MsT Sai Santoshi      | -Member          |
| 9. MsAsiya Sultana Ahmed | -Member          |

The chairperson welcomed all the members and initiated the discussion on the agenda points. She briefed that the college was not able to follow the revised template and syllabus for first year students for the academic year 2019-20 as the classes had already commenced in the month of June 2019 and the revised template would be implemented in 2020-21 and the syllabus would be revised accordingly.

The following resolutions were made.

1. The department would continue with the existing syllabus for the core courses for the batch of students admitted in 2019-20.
2. Members suggested that Skill Enhancement Courses prescribed by UGC/Osmania University may be adopted, however suggestions were given to target the outcomes and then design the Skill Enhancement Courses.
3. Members expressed that the core courses along with the practical courses would provide a strong foundation and understanding on the concepts of Physics; the Skill Enhancement Courses would provide skills to handle various test & measuring instruments. These courses also make the students get familiar with various measurement techniques and become familiar with Circuit Simulation using Pspice to analyze simple circuits with changing parameter values.
4. Board suggested Fiber Optics and Applied Optics to be included as Skill Enhancement Courses.

4. The panel of examiners recommended by the Chairperson was approved.
5. It was resolved that the Chairperson, BoS in Physics, in consultation with the Principal of the college is authorized to appoint qualified examiners outside the approved panel in case of urgency. Such arrangements shall however be reported to the BoS in the next meeting.

The chairperson thanked all the members of the board for their valuable suggestions and the meeting ended as there were no other points, at .

*B. Niraimathi*

**B Niraimathi  
Chairperson**

- |                           |   |                            |
|---------------------------|---|----------------------------|
| 1. Prof G Prasad          | : | <i>G Prasad</i>            |
| 2. Ms. V. Anuradha        | : | <i>V Anuradha</i>          |
| 3. Ms Usha Praveena       | : | <i>Usha Praveena</i>       |
| 4. Dr. B Sreedhar         | : | <i>B Sreedhar</i>          |
| 5. Ms Roy Nijhum Arindom  | : | <i>Nijhum Arindom</i>      |
| 6. Ms V R Manjula         | : | <i>V R Manjula</i>         |
| 7. Dr GSVRK Choudary      | : | <i>GSVRK Choudary</i>      |
| 8. Ms T Sai Santoshi      | : | <i>Santoshi</i>            |
| 9. Ms Asiya Sultana Ahmed | : | <i>Asiya Sultana Ahmed</i> |



Bharatiya Vidya  
**Bhavan**

## Bhavan's Vivekananda College

of Science, Humanities & Commerce  
Sainikpuri, Secunderabad – 500094  
Autonomous College - Affiliated to Osmania University  
(Accredited with 'A' grade by NAAC)

30.03.2019

To  
The Head,  
Department of Physics & Electronics  
BVC.

Sir/Madam,

As per the guidelines of UGC, the Board of Studies of Physics is constituted as follows :

SL.No.	Name / Designation	Designation in BOS
1.	Mrs.B Niraimathi Head, Department of Physics & Electronics, BVC	Chairperson
2.	Prof. G Prasad Head, Dept. of Physics Osmania University, Hyd.	OU Nominee
3.	Ms. V Anuradha Vanitha Mahavidyalaya Exhibition Grounds Hyderabad.	Subject Expert
4.	Ms.Usha Praveena St.Francis College for Women Begumpet Hyderabad.	Subject Expert
5.	Dr. B Sridhar Scientist-F IICT	Industry Expert
6.	Ms.Priya Shukla	Alumni
7.	Roy Nijhum Arindom B.Sc (MPCs) II Yr	Student
8.	Mrs. V R Manjula Asst. Prof. in Physics, BVC	Member
9.	Dr. G S V R K Choudary Asst. Prof. in Physics, BVC	Member
10.	Mrs. Sai Santoshi T Lecturer in Physics, BVC	Member
11.	Ms.Asiya Sultana Ahmed Lecturer in Physics, BVC	Member

Thanking you,

Yours Sincerely,

Prof. Y Ashok  
PRINCIPAL



Bharatiya Vidya  
**Bhavan**

## **Bhavan's Vivekananda College**

of Science, Humanities and Commerce, Sainikpuri, Secunderabad.  
**Autonomous College**-Affiliated to Osmania University, Hyderabad.  
Accredited with 'A' grade by NAAC

### **Department of Physics and Electronics**

#### **Minutes of the 6<sup>th</sup> BoS meeting in Electronics held on 27-04-2019 at 2.45pm in the committee room, MBA Block.**

##### **Members present:**

- |                            |                   |
|----------------------------|-------------------|
| 1. Mrs B Niraimathi        | -Chairperson      |
| 2. Prof G Prasad           | -OU Nominee       |
| 3. Ms. V.Anuradha          | -Academic Expert  |
| 4. Ms Usha Praveena        | - Academic Expert |
| 5. Dr. B Sreedhar          | -Industry Expert  |
| 6. Ms Roy Nijhum Arindom   | -Student          |
| 7. Ms V R Manjula          | -Member           |
| 8. Dr GSVRK Choudary       | - Member          |
| 9. Ms T Sai Santoshi       | - Member          |
| 10. Ms Asiya Sultana Ahmed | -Member           |

The chairperson welcomed all the members and initiated the discussion on the agenda points. She mentioned that the syllabus was last revised in 2016 with the introduction of CBCS in the undergraduate programmes. She also said that first batch of students will pass out in may/June 2019 under CBCS system.

The members of the board discussed on the agenda points and the following resolutions were made.

1. The syllabi for semesters I (Mechanics) and II (Waves and Oscillations) of B Sc Physics, both theory and practicals for the academic year 2019-20 is approved.
2. The Course Objectives and Course Outcomes were discussed and necessary changes were made as per the suggestions made in the board.
3. There is no change in the examination pattern and the allocation of marks for CIA and SEE will remain the same as it was approved in the previous meeting for both theory and practical papers.

The chairperson thanked all the members of the board for their valuable inputs and the meeting came to an end as there were no other points at 3.00pm.

*B Niraimathi*

**B Niraimathi**  
Chairperson

1. Ms. B.Niraimathi : *B Niraimathi*
2. Prof G Prasad : *G Prasad*
3. Ms. V.Anuradha : *V Anuradha*
4. Dr. UshaPraveena : *UshaPraveena*
5. Dr. B Sreedhar : *B Sreedhar*
6. Ms. V R Manjula : *V R Manjula*
7. Dr. GSVRK Choudary : *GSVRK Choudary*
8. Ms. T Sai Santoshi : *T Sai Santoshi*
9. Ms. Asiya Sultana Ahmed : *Asiya Sultana Ahmed*

HEAD

Department of Physics

University College of Science

Osmania University, Hyd-

**SREEDHAR**

Senior Principal Scientist

Department of Chemical Technology

CSIR-Indian Institute of Chemical Technology

(Ministry of Science and Technology, Govt. of India)

Hyderabad - 500 007, India

हेदराबाद / Hyderabad - 500 007, भारत / India





**Prof. K. Arjun Rao**  
**Professor of History &**  
**Dean**  
**College Development Council**

Admn. Building, Osmania University  
Hyderabad – 500 007 T.S. India,  
Ph: 2768 2365 & 2709 0857  
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**Lr. No.34 / CDC/37/OU/2018**

**Dt. 04-06-2018**

To

**The Principal.**

Bhavan's Vivekananda College of Science Humanities and Commerce  
Sanikpuri  
SECUNDERABAD

**Sub: CDC, OU – Nomination of University Representatives on Board of Studies – Intimation–Reg.**  
**Ref: Your Lr.No. 508/BVC/BOS/2018 dt. 14-03-2018**

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Sir,

With reference to your letter cited, I am desired to inform you that the Vice-Chancellor has accorded approval to nominate the following faculty members to serve on the Board of Studies of your college for the period of three years from issue of this letter.

S. No	Subject	Name of the Nominee
1.	Physics	Prof. G. Prasad
2.	Electronics	Prof. K. Madhukar
3.	Bio-Chemistry	Prof. Ch. Venkata Ramana Devi
4.	Biotechnology	Prof. A. Roja Rani
5.	Genetics	Prof. A. Roja Rani
6.	Computer Science	Dr. C. Goverdhan
7.	BCA (Informatics)	Dr. P.V. Sudha
8.	Mathematics	Prof. N. Kishan
9.	Statistics	Dr. Bhattacharyulu N.Ch.
10.	Microbiology	Dr. B.Bhima
11.	Chemistry	Prof. Ch. Sarala Devi
12.	Political Science	Prof. G. Ram Reddy
13.	Communication & Journalism	Prof. B. Balaswamy
14.	Commerce	Prof. Usha Kiran
15.	Management	Prof. K.G. Chandrika
16.	Hindi	Prof. Sheela Mishra
17.	French	Prof. D. Ravinder
18.	English	Prof. K. Durga Bhavani
19.	Telugu	Prof. Surya Dhananjaya

Cont...

Further, you are requested to communicate minutes of the meeting of the Board of Studies to the Dean,  
College Development Council, Osmania University regularly.

Thank you,

Yours sincerely,

Jai  
Dr. A. R. S. (Signature)  
DEAN



**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE,  
HUMANITIES AND COMMERCE, SAINIKPURI, SECUNDERABAD.**  
Autonomous College-Affiliated to OSMANIA UNIVERSITY, Hyderabad.

**Department of Physics and Electronics**

**Minutes of the 5<sup>th</sup> BoS meeting in Physics held on 03-04-2018 at 11.30am in the  
committee room, MBA Block.**

**Members present:**

**Chairperson:**

1. Mrs B Niraimathi, Head, Department of Physics and Electronics, BVC

*B. Niraimathi*

**Members:**

2. Prof C Vishnuvardhan Reddy, Chairman, BoS, Physics, Department of Physics, OU, Hyderabad
3. Prof G Prasad, Chairman, BoS, Electronics, Department of Physics, OU, Hyderabad
4. Mr S Krishna Prasad, Department of Physics, Government Degree college, Manthani
5. Mr Emmanuel Sanjay Raj, Head, Scientist-SF, System Engineering Group, ADRIN, Hyderabad.
6. Mrs V R Manjula, Department of Physics and Electronics, BVC
7. Dr GSVRK Choudary, Department of Physics and Electronics, BVC
8. Mrs T Sai Santhoshi, Department of Physics and Electronics, BVC

*C. Vishnuvardhan*

*G. Prasad*

*S. Krishna Prasad*

*V. R. Manjula*

*G. S. V. R. K. Choudary*

*T. Sai Santhoshi*

The chairperson greeted all the members and discussed on the agenda points. The following resolutions were made.

1. The syllabus for III Year consisting of Core and Elective Courses for Semesters V and VI was finalized and approved.
2. The syllabus for Generic Elective and Skill Enhancement Courses for III year (SEM V and SEM VI) was finalized and approved by the board.
3. It was resolved that the allocation of marks for practical examinations for each course would be 25, for the students admitted to I Year with effect from academic year 2018-19 onwards and the scheme of evaluation of Practical Examination was approved.
4. The panel of examiners recommended by the Chairperson was approved.
5. It was resolved that the chairperson, BoS in Physics, in consultation with the Principal of the college is authorized to appoint qualified examiners outside the approved panel in case of urgency. Such arrangements shall however be reported to the BoS in the next meeting.

The chairperson thanked all the members of the board for their valuable inputs and the meeting ended as there were no other points at 12.30pm.

*B. Niraimathi*  
3/4/2018

CHAIRPERSON  
BOS in Physics/Electronics  
Bhavan's Vivekananda College  
Sainikpuri

*C. Vishnuvardhan*  
CHAIRMAN  
Board of Studies in Physics  
Osmania University, Hyd.





Bharatiya Vidya  
**Bhavan**

**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES  
AND COMMERCE, SAINIKPURI, SECUNDERABAD.**

Autonomous College  
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(Accredited with 'A' grade by NAAC)

**Minutes of the 4<sup>th</sup> BoS meeting in Physics held on 01-04-2017 at 10.00 am in  
the Committee Room, MBA Block.**

**Members present:**

S No	Name	Designation	Signature
1	Mrs B Niraimathi <b>Chairperson</b>	Head, Department of Physics and Electronics, BVC	<i>B. Niraimathi</i>
2	Prof C Vishnuvardhan Reddy <b>OU Nominee</b>	Chairman, BoS in Physics, Department of Physics, OU, Hyderabad	<i>C. Vishnuvardhan Reddy</i> 11/4/2017
3	Prof G Prasad <b>Academic Expert</b>	Department of Physics, OU, Hyderabad	<i>G. Prasad</i>
4	Mr S Krishna Prasad <b>Academic Expert</b>	Department of Physics, Government Degree College, Manthani, Karimnagar	<i>S. Krishna Prasad</i>
5	Mrs V R Manjula <b>Member</b>	Asst Professor, Department of Physics and Electronics, BVC	<i>V. R. Manjula</i>
6	Dr GSVRK Choudary <b>Member</b>	Asst Professor, Department of Physics and Electronics, BVC	<i>Dr GSVRK Choudary</i>
7	Mrs T Sai Santoshi <b>Member</b>	Lecturer, Department of Physics and Electronics, BVC	<i>Santoshi</i>

The following points were discussed as per the agenda and resolved as follows.

1. The syllabus for B Sc II Year (Semester III and Semester IV) Physics for both theory and practicals was approved under CBCS for implementation with effect from academic year 2017-18.
2. The syllabus for skill enhancement courses (SEC) with titles, (1) **Basic instrumentation skills**, (2) **Physics behind home appliances**, (3) **Renewable energy and Energy harvesting** and (4) **Electrical circuits and network skills** was approved under CBCS for implementation with effect from academic year 2017-18.
3. It was resolved that the chairperson, BoS in Physics, in consultation with the Principal of the college is authorized to appoint qualified examiners outside the approved panel in case of urgency. Such arrangements shall however be reported to the BoS in the next meeting.

The chairperson expressed her gratitude to all the members for their valuable suggestions and cooperation. The meeting concluded with a vote of thanks by the chairperson at 11.30 am.

*B. Niraimathi*

**CHAIRPERSON  
BOS in Physics/Electronics  
Bhavan's Vivekananda College  
Sainikpuri**



Bharatiya Vidya  
**Bhavan**

BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND  
COMMERCE, SAINIKPURI, SECUNDERABAD.

Autonomous College

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**Minutes of the 3<sup>rd</sup> BoS meeting in Physics held on 22-06-2016 at 2.00 pm in  
the Committee Room, MBA Block.**

**Members present:**

S No	Name	Designation	Signature
1	Mrs B Niraimathi <b>Chairperson</b>	Head, Department of Physics and Electronics, BVC	<i>Boonil</i>
2	Prof J Siva Kumar <b>OU Nominee</b>	Chairman, BoS in Physics, Department of Physics, OU, Hyderabad	<i>JSK</i> CHAIRMAN Board of Studies in Physics Osmania University, Hyd.
3	Prof G Prasad <b>Academic Expert</b>	Department of Physics, OU, Hyderabad	<i>GA</i>
4	Mr Emmanuel Sanjay Raj <b>Industry Expert</b>	Head, Scientist-SF, System Engineering Group, ADRIN, Hyderabad	
5	Mrs V R Manjula <b>Member</b>	Asst Professor, Department of Physics and Electronics, BVC	<i>VR</i>
6	Dr GSVRK Choudary <b>Member</b>	Asst Professor, Department of Physics and Electronics, BVC	<i>GSR</i>
7	Mrs T Sai Santoshi <b>Member</b>	Lecturer, Department of Physics and Electronics, BVC	<i>santoshi</i>
8	Mr Epapras Judson Alumnus	Asst Professor in Physics, Anurag Group of Institutions, Ghatkesar, RR District.	

The following points were discussed as per the agenda and resolved as follows.

1. It was resolved to adopt to CBCS with effect from 2016-17.
2. The syllabus for B Sc I Year (Semester I and Semester II) Physics for both theory and practicals was approved under CBCS for implementation with effect from academic year 2016-17.
3. The model question paper and the panel of examiners were approved.
4. It was resolved that the chairperson, BoS in Physics, in consultation with the Principal of the college is authorized to appoint qualified examiners outside the approved panel in case of urgency. Such arrangements shall however be reported to the BoS in the next meeting.

The chairperson expressed her gratitude to all the members for their valuable suggestions and cooperation. The meeting concluded with a vote of thanks by the chairperson at 2.45pm.

*Boonil*





Bharatiya Vidyapeeth  
**Bhavan**

BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND  
COMMERCE, SAINIKPURI, SECUNDERABAD.

Autonomous College

Affiliated to OSMANIA UNIVERSITY, Hyderabad.

(Accredited with 'A' grade by NAAC)

**Minutes of the 2<sup>nd</sup> BoS meeting in Physics held on 21-03-2016 at 3.30 pm in  
the seminar hall, MBA Block.**

**Members present:**

S No	Name	Designation	Signature
1	Mrs B Niraimathi <b>Chairperson</b>	Head, Department of Physics and Electronics, BVC	
2	Prof J Shivakumar <b>OU Nominee</b>	Chairman, BoS in Physics, Department of Physics, OU, Hyderabad	
3	Prof G Prasad <b>Academic Expert</b>	Department of Physics, OU, Hyderabad	
4	Mrs V R Manjula <b>Member</b>	Senior Lecturer, Department of Physics and Electronics, BVC	
5	Dr GSVRK Choudary <b>Member</b>	Lecturer, Department of Physics and Electronics, BVC	
6	Mrs T Sai Santhoshi <b>Member</b>	Lecturer, Department of Physics and Electronics, BVC	
7	Mr Epapras Judson <b>Alumnus</b>	Assistant Professor in Physics, Anurag Group of Institutions, Ghatkesar	

The chairperson greeted Prof J Shivakumar, Chairman, BoS in Physics, Department of Physics, OU, Prof G Prasad, Department of Physics, OU, Mr Epapras Judson and all other members of the Department had a detailed discussion on the syllabus proposed for II Year and III Year Physics courses.

The following resolutions were made.

1. II Year syllabus for Semesters III (Optics) and IV (Thermodynamics) was finalized and approved for implementation with effect from academic year 2016-17.

2. For semester V, core paper (Electricity and Magnetism) and elective papers (Solid State Physics and Spectroscopy, Material Science) were finalized and approved for implementation with effect from academic year 2017-18.
3. For semester VI, core paper (Modern Physics) and elective papers (Electronics, Particle and Astrophysics) were finalized and approved for implementation with effect from academic year 2017-18.
4. The panel of examiners for all the papers of II year (Semester III & IV) and III year (Semester V & VI) was approved.
5. It is recommended for adoption of CBCS at the earliest.
6. It was resolved that the chairperson, BoS in Physics, in consultation with the Principal of the college, is authorized to appoint qualified examiners outside the approved panel in case of urgency. Such arrangements shall however be reported to the BoS in the next meeting.

The meeting ended at 6.00 pm as there were no other points for discussion.

*Boonil*  
21/3/2016



**BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND  
COMMERCE, SAINIKPURI, SECUNDERABAD.**

Autonomous College

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(Accredited with 'A' grade by NAAC)

**Department of Physics and Electronics**

**Minutes of the 1<sup>st</sup> BoS meeting in Physics held on 20-06-2015 at 10.30am in  
the committee room, MBA Block.**

**Members present:**

**Chairperson:**

1. Mrs B Niraimathi, Head, Department of Physics and Electronics, BVC- *Pooni*

**Members:**

1. Prof D Suresh Babu, Chairman, BoS, Physics, Department of Physics, OU, Hyderabad *D.S.B.*
2. Prof G Prasad, Department of Physics, OU, Hyderabad *GP*
3. Mr S Krishna Prasad, Department of Physics, Government degree college, Manthani
4. Mr Emmanuel Sanjay Raj, Head, Scientist-SF, System Engineering Group, ADRIN, Hyderabad. *N.C. 29/07/15*
5. Mrs V R M Manjula, Department of Physics and Electronics, BVC *V.R.M.*
6. Mr GSVRK Choudary, Department of Physics and Electronics, BVC *G.S.V.R.K.*
7. Mrs T Sai Santhoshi, Department of Physics and Electronics, BVC *Santhoshi*
8. Mr Epapras Judson, Assistant Professor, Anurag group of Institution, Ghatkesar, RR Dist.

The chairperson greeted all the members and gave the agenda to the board.

1. It was resolved that I Year syllabus for Semesters I (Mechanics) and II (Waves and Oscillations) was finalized and approved. Discussion on syllabus for II and III Years has been deferred for the next meeting of BoS.
2. It was resolved that the marks for Internal Assessment would be 30% and Semester End Examination would be 70% for both theory and practical papers.
3. The Model question papers for Internal Assessment and Semester End Examinations were approved.
4. The list of examiners for Mechanics paper and Waves and Oscillations paper was approved.
5. Prof D Suresh Babu suggested that the 2 hours duration for practicals will be insufficient and therefore provision to extend the time ~~be made~~ *to 3 hours.*



6. The board authorized the chairperson to add or remove any examiner whenever it is necessary.

The chairperson thanked all the members of the board for their valuable inputs and the meeting came to an end as there were no other points at 12.45pm.

*Dina*

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*Boonick*