



Parvatibai Chowgule College of Arts and Science Autonomous

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Best Affiliated College-Goa University Silver Jubilee Year Award



F.133C/747

November 25, 2020

All the members of the Board of Studies in Physics.

Sub: Minutes of the meeting of Board of Studies in Physics held on 19th November, 2020.

Dear Sir/Madam,

I am forwarding the minutes of the BoS (Physics) online meeting held on November 19, 2020. If no exception is taken by any member of BoS to the correctness of the minutes of the meeting within 5 days of the dispatch of this mail, they shall be deemed to be correct.

Please see the attachment.

Sincerely,

Yatin Desai

Chairman, BoS (Physics)

Parvatibai Chowgule College of Arts and Science (Autonomous)

Encl.: Minutes of meeting

**Parvatibai Chowgule College of Arts & Science
(Autonomous)
Margao – Goa**

**MINUTES OF THIRD MEETING OF THE BOARD OF STUDIES IN PHYSICS
HELD ON 19th November 2020 AT 10:00 am**

Vide Chowgule College notice (F.133(C)/683 dated 5th November, 2020) an online meeting of this BoS was convened on 19th November, 2020 at 10:00 am. Since the members present represented the quorum, the BoS began its proceedings.

Minutes are presented in the format.

Members present:

1. Mr. Yatin P. Desai (Chairman)
2. Mrs. Malati Dessai
3. Dr. Ananya Das
4. Ms. Pearl Oliveira
5. Mr. Yashwant Desai
6. Mr. Kapil Salkar
7. Dr. Efrem Desa (Vice-Chancellor Nominee)
8. Dr. Sudhir Cherukulappurath (Academic Council Nominee)
9. Dr. E. S. Kannan (Academic Council Nominee)
10. Mr. Narayan Bandodkar (Postgraduate Alumni)
11. Dr. Ashish M. Desai (Member Secretary)

Members Absent

1. Mr. Prasad Bhende (Industry Representative)

Proceedings

The Chairperson welcomed the members of the Board of Studies (BoS) and briefed about the course structure. The Chairperson introduced and explained the agenda of the meeting and Board transacted the following business:

Agenda Items:

1. To review and revise the syllabi of B. Sc. Physics for even semesters.
2. To approve the “Learning Outcome-Based Curriculum Framework” of the Physics Department.
3. Any Other Business (A.O.B.)

PART A: Resolutions

1. The syllabi of Semester II, IV and VI of the undergraduate courses were presented and discussed at the meeting. Syllabi of all even semester courses are restructured and syllabi of theory and/or practical component of the following courses were revised.
 - i. Nuclear Physics
 - ii. Material Science
 - iii. Electronics (Additional References added in the list)

The revised/restructured syllabi approved by the members of BoS are presented in Annexure I. This revised/restructured syllabus will be implemented from even semester of 2020-2021.

2. The syllabi of the course, Introduction to Mathematical Physics of Semester I, Electromagnetic Theory – I and Optics of Semester III is revised and the updated syllabus is presented in Annexure II. This revised syllabus will be implemented from 2021-2022.
3. The modified Course Learning Outcomes of the courses offered in Semester II, IV and VI were presented and approved. The course outcomes of all the courses are presented in Annexure I.
4. Practical examination at the end of the semester to be conducted for all the courses from the academic year 2021-2022.
5. The “Learning Outcome-Based Curriculum Framework” of the Physics Department was presented. The mapping of courses/activities to programme learning outcome and mapping of programme learning outcome to course learning outcomes was approved by the members of BoS. The LOCF document of the Physics Department approved by the BoS members is presented in Annexure III.
6. The following modes of Teaching Learning Evaluation Pedagogies pertaining to the Physics department to be added in the LOCF document:
 - a. Peer Instruction teaching methodology.
 - b. Student presentation.

The following modes of teaching learning methodology pertaining to the Physics department to be removed in the LOCF document:

 - a. Experiential Learning.
 - b. Student Seminars.

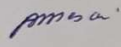
7. In view of the spread of the COVID 19 disease, the minimum number of practical experiments required to be completed by the students may be reduced to four instead of six for the odd and even semester for the academic year 2020-2021. However, if the similar situation prevails in the next academic year, the Department Faculty Council may decide regarding the minimum number of practical experiments to be completed by students.

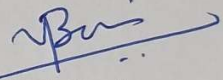
PART B: Resolutions/Recommendations of BoS that require consideration / approval of Academic Council:

1. The syllabi of Semester II, IV and VI presented in Annexure I
2. The modified syllabi of the courses Introduction to Mathematical Physics, Electromagnetic Theory I and Optics presented in Annexure II
3. The "Learning Outcome-Based Curriculum Framework" document of the Physics department presented in Annexure III.
4. Conduct of practical examination at the end of the semester for all the Physics courses from the academic year 2021-2022.
5. In view of the spread of the COVID 19 disease, the minimum number of practical experiments required to be completed by the students may be reduced to four instead of six for the odd and even semester courses.

The Chairman thanked the members of Board of Studies in Physics for their valuable contribution and active participation. The meeting ended at 12:00 pm.

The foregoing minutes of the meeting are circulated by the Chairman on 25th November, 2020.


Dr. Ashish M. Desai
Member Secretary
BoS (Physics)


Mr. Yatin Desai
Chairman
BoS (Physics)

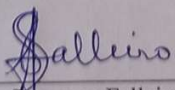
Date: 25th November, 2020.

PART C: The remarks of the Dean of the Faculty:-

- a. The minutes are in order
- b. The minutes may be placed before the Academic Council with remark, if any.
- c. Important points of the minutes which need clear policy decision of the Academic council to be recorded.

Date: 01/12/2020

Signature of the Dean:
(Faculty of Science)


Dr. Sameena Falleiro