

**Minutes of the meeting of the Board of Studies in Physics held on Saturday, the 23<sup>rd</sup> January, 2021 at 11.00 am conducted virtually on Microsoft Teams platform**

**B.K. Birla College of Arts, Science and Commerce (Autonomous), Kalyan  
Board of Studies (Department of Kalyan)  
Minutes of the fourth meeting**

**Date: 15/05/2021**

The fourth Board of Studies (BoS) meeting of the department of Physics was held on 15<sup>th</sup> May 2021 after B.K. Birla College received autonomous status from UGC. The following members were present for the meeting.

Members of the Board of Studies (BOS):

<b>Dr. Madhavi Thakurdesai</b> Head, Dept. of Physics, B. K. Birla College (Autonomous), Kalyan	Chairperson, BoS	
<b>Dr. Sandip Ghosh</b> Professor, Department of Condensed Matter Physics, TIFR, Mumbai	Subject Expert	
<b>Dr. Umesh Kadhane</b> Associate Professor, IIST, Trivandrum	Subject Expert	
<b>Mr. Ujawal Sabnis</b> Industrial Consultant, Kalyan	Industry Expert	
<b>Dr. Chinmay Borwankar</b> Scientist, BARC Mumbai	Alumni Representative	
<b>Dr. Vijay Jadhav</b> Associate Professor, Dept. of Physics, B. K. Birla College (Autonomous), Kalyan	Member BoS	
<b>Dr. H. K. Dubey</b> Assistant Professor, Dept. of Physics, B. K. Birla College (Autonomous), Kalyan	Member BoS	
<b>Dr. K. E. Kshirsagar</b> Assistant Professor, Dept. of Physics, B. K. Birla College (Autonomous), Kalyan	Member BoS	

**1. Item No.1**



To approve the amendments of syllabus of elective M.Sc. (Materials Science) and recommend it to academic council, B. K. Birla College (Autonomous), Kalyan

## **2. Item No.2**

Appreciation of Board of Studies members for their contribution in preparation of syllabus.

## **3. Item No. 3**

Any other item with the permission of the Chair.

Dr. Madhavi Thakurdesai, Chairperson of the meeting welcomed the members and introduced them.

## **1. Item No.1**

*To approve the amendments in syllabus of elective M.Sc. (Materials Science) and recommend it to academic council, B. K. Birla College (Autonomous), Kalyan.*

Dr. D.E. Kshirsagar, Dr. H.K. Dubey, Dr. V. S. Jadhav, Dr. Madhvi Thakurdesai informed the members about the details of the existing syllabus.

The minutes of third meeting held on 23<sup>rd</sup> Jan 2021 were read by Dr. Madhavi Thakurdesai.

M.Sc. Materials Science syllabus was discussed elaborately. Following points were discussed

- SEM III Elective Paper-IV Nanotechnology and Semiconductor device Technology was very long. It was suggested that it should be reorganized. The reorganized syllabus was discussed.
- The practical section for SEM-III and SEM-IV was discussed elaborately. Novel practicals were suggested by Dr. Sandip Ghosh, Dr. Umesh Kadhane and Mr. U. Sabnis.
- One more optional subject was suggested based on Numerical Analysis for SEM-III. This option will be given from AY 2021-22.
- It was suggested that there should not be any practical's in SEM-IV and a project work should be assigned to the students based on the practical's and/or a research based publishable project should be assigned.

## **2. Item No.2**

Appreciation of Board of Studies members for their contribution in preparation of syllabus

The Chairperson reported the members about the efforts of all the members of Board of Studies to prepare the syllabus of the subject of Physics for the F.Y., S.Y. and T.Y. B.Sc. and M. Sc. SEM I to SEM IV from the academic year 2021-22.

***Resolved that the Appreciation of Board of Studies members who contributed to prepare syllabus be noted.***

There being no other matter the meeting was concluded with a vote of thanks to the Chair.

Sd/-

(Dr. MadhaviThakurdesai)

Head, Dept. of Physics and  
Chairperson, BoS

