



## CENTRAL UNIVERSITY OF PUNJAB

(Established vid Act No. 25(2009) of Parliament)

**Department of Physical Sciences**

School of Basic and Applied Sciences

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Bathinda -151001, Punjab, INDIA

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### Minutes of the Curriculum Development Committee Meeting held on 08.05.2018

The 5<sup>th</sup> Curriculum Development Committee (CDC) meeting was held on 08.05.2018 at 01:30 P.M. in the office of HOD. After the detailed discussions on the course structure and contents, it was decided to make modifications in existing M.Sc. course structure/contents in the light of new guidelines issued by university. The following members were present in the meeting:

1. Dr. S. K. Mahapatra, Associate Professor & HoD (Chairperson)
2. Dr. Ashok Kumar, Assistant Professor (Convener)
3. Dr. A. L. Sharma, Assistant Professor (Member)
4. Dr. Kamlesh Yadav, Assistant Professor (Member)
5. Dr. Prakash Parida, Assistant Professor (Member)
6. Janpreet Singh, Assistant Professor (Member)

Following agenda was discussed and resolved in the meeting:

#### **Item No. 18: 5:1**

##### **Modification in Semester-I**

The core course 'Quantum Mechanics-I' has been renamed as 'Quantum Mechanics'. The lab credits of 'Electronic laboratory' and 'Modern Physics laboratory' has been reduced to '3' from '4'.

#### **Item No. 18: 5:2**

##### **Modification in Semester-II**

Computer laboratory (4 credits) is reduced to 2 credits and has been merged with the 2 credit Numerical Methods theory course. The new course is named as 'Numerical Methods and Laboratory' (2+2 credits). The important contents of 'Atomic and Molecular Physics' from semester-II are included in the Quantum Mechanics-II, as a results a new course namely 'Quantum, Atomic and Molecular Physics' is introduced in place of two core courses.

#### **Item No. 18: 5:3**

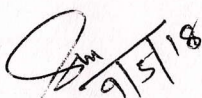
##### **Modification in Semester-III**

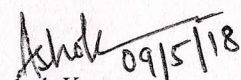
The 'Atomic and Molecular Physics' course has been merged with Quantum Mechanics-II in 2<sup>nd</sup> semester. Seminar-I, Project-I and a value added courses are included as per new guidelines.

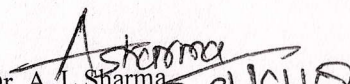
Item No. 18: 5:4

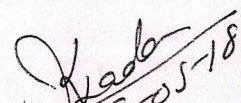
Modification in Semester-IV

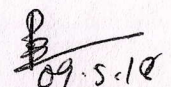
'Research Methodology' as a foundation course has been included. Two 'Department Enrichment Courses' namely "The Enrich Physics Course-I" and "The Enrich Physics Course-II" and one one valued added courses are introduced as per new guidelines. In the continuation of seminar and project in 3<sup>rd</sup> semester Seminar-II and Project-II has been introduced in 4<sup>th</sup> semester.

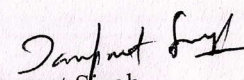
  
Dr. S K Mahapatra  
Associate Prof. & HoD  
(Chairperson)

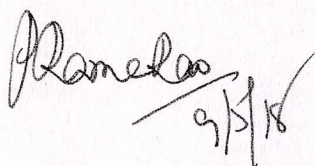
  
Dr. Ashok Kumar  
Assistant Professor  
(Convener)

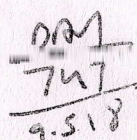
  
Dr. A. L Sharma  
Assistant Professor  
(Member)

  
Dr. Kamlesh Yadav  
Assistant Professor  
(Member)

  
Dr. Prakash Parida  
Assistant Professor  
(Member)

  
Janpreet Singh  
Assistant Professor  
(Member)

  
Dr. Ranjana  
9/5/18

  
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