

CENTRAL UNIVERSITY OF PUNJAB

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

Centre for Physical Sciences

School of Basic and Applied Sciences

City Campus, Mansa Road,

Bathinda -151001, Punjab, INDIA

Fax: +91-164-2864106

8

Minutes of the Curriculum Development Committee Meeting of Centre for Physical Sciences held on 20.01.2017

After the two detailed successive discussions regarding the M.Sc. & Ph. D. course structure, the 3rd Curriculum Development Committee (CDC) meeting was held on 20.01.2017 at 11:30 A.M. in the office of CoC. The updated course structure and contents of M.Sc Physics & Ph. D. Physics have been decided to implement from the coming academic session. The following members were present in the meeting:

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

Following agenda was discussed and resolved in the meeting:

Item No. 17: 3:1

Updation of the course structure of M. Sc. Physics.

After the detailed discussion with all the members, it was decided to reduce the total number of credits from 97 to 90 with minor modifications of course structure. It was further decided to include more elective courses in 2nd year to make course structure of M.Sc. Physics more choice based.

Item No. 17: 3:2

Modification of the course structure of M.Sc. Physics semester-II.

The Foundation courses namely "Numerical Methods" and "Computer Laboratory" are now included in 2nd semester as PHY:402 and PHY:403 which were in 3rd semester in previously approved syllabus, while core courses namely "Nuclear Physics" and "Nuclear Physics Laboratory" are shifted to 3rd semester.

Item No. 17: 3:3

Modification of the course structure of M.Sc. Physics semester-III.

The core course "Nuclear Physics" from 2nd semester has now been renamed as "Nuclear and Particle Physics (PHY:603)" with inclusion of one unit of Elementary Particle Physics while the core course "Particle Physics" has now been made as an elective course with course code PHY:607. "Nuclear Physics Laboratory" from 2nd semester is now included with course code PHY:604. Two more elective courses namely "Advanced Solid State Physics (PHY:606)" and "Electronic Structure Theory of Solids (PHY:608)" are included in the pool of elective courses in 3rd semester. Also elective laboratory in fourth semester in the previously approved syllabus has now been put in 3rd semester with title "Simulation/Experimental Laboratory (PHY:611)". "Seminar (PHY:599)" has been shifted to 4th semester.

Item No. 17: 3:4

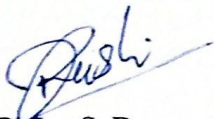
Modification of the course structure of M.Sc. Physics semester-IV.

The foundation course "Research Methodology" from the previous course structure has been removed. Three elective courses namely "Introduction to Mesoscopic Physics (PHY:616)", "Nuclear Techniques (PHY:617)" and "Physics of Materials (PHY:618)" are included in the pool of elective courses in 4th semester. "Dissertation (PHY:600)" has been renamed as "Project Work".

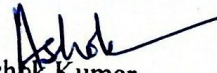
Item No. 17: 3:5

Modification of Ph. D. course structure.

It was decided to reduce the total credits from 20 to 16 by making compulsory course namely "Condensed Matter Physics" as an elective. Three more elective courses namely "1D Nanomaterials Synthesis and Characterization", "Energetic Materials and Storage Devices" and "Accelerator and Plasma" are included in the pool of elective courses.



Dr. Rupes S. Devan
Associate Prof. & CoC
(Chairperson)



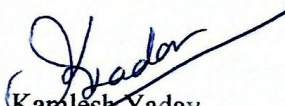
Dr. Ashok Kumar
Assistant Professor
(Convener)



Dr. S K Mahapatra
Associate Prof.
(Member)



Dr. A. L Sharma
Assistant Professor
(Member)



Dr. Kamlesh Yadav
Assistant Professor
(Member)



Dr. Prakash Parida
Assistant Professor
(Member)

Forwarded to VC for information.


2/2/17

Seen

DRA-100/11
11/2/17