



# Department of Physics

BABA GHULAM SHAH BADSHAH UNIVERSITY

RAJOURI (J & K) - 185234

Ph. No/Tax No: - 01962-241016

NO: BGSBU/SoET/17/9975

Dated: December 29, 2017

Minutes of the first meeting of the Board of Studies of IHMR

Venue: Dean's Conference Hall

Date: December 29, 2017 at 11.00 AM

The first Board of Studies (BOS) meeting in physics took place on 29<sup>th</sup> of December, 2017 in the Conference Room, Dean of School of Engineering & Technology, BGSB University Rajouri. It was attended by the following members;

1. Prof. Rajni Kant, Department of Physics, University of Jammu (Expert)
2. Prof. Mohammed Asger, Dean
3. Dr. Feroz Ahmad Mir, Department of Physics, BGSB University Rajouri.
4. Mr. Anil Maini, Department of Physics, BGSB University Rajouri.
5. Mr. Majahid Ul Islam, Department of Physics, BGSB University Rajouri.

Detailed deliberations were held with regards to the formulation of syllabi of M.S Physics for Semester I, II, III & IV to be made operational in toto to new batch session 2018-19. For the existing batch same syllabus shall be followed which already been designed and followed in first semester may be with a maximum of 10 changes (if required)

## I-Semester

1.	MPH-111	Classical Mechanics and Relativity
2.	MPH-112	Mathematical Physics
3.	MPH-113	Numerical Methods and Programming (C++)
4.	MPH-114	Electronics
5.	MPH-115	Quantum Mechanics-I

## II-Semester

1.	MPH-211	Quantum Mechanics-II
2.	MPH-212	Thermodynamics and Statistical Physics
3.	MPH-213	Atomic Physics and Molecular Spectroscopy
4.	MPH-214	Electrodynamics and Electromagnetism
5.		Choice Based Credit System (One Course)

III-Semester

1.	MPH-311	Condensed Matter Physics ( General)
2.	MPH-312	Nuclear Physics (General)
3.	MPH-313	Condensed Matter Physics ( Special)
4.	MPH-314	Nuclear Physics (Special)
5.		Choice Based Complimentary Elective

IV-Semester

1.	MPH-411	Condensed Matter Physics ( General)
2.	MPH-412	Nuclear Physics (General)
3.	MPH-413	Condensed Matter Physics ( Special)
4.	MPH-414	Nuclear Physics (Special)
5.		Major Project

It has been proposed by Prof. Rajni Kant (expert) that he will design the curriculum for III and IV semester and the same shall be communicated to the University within a weeks' time. The committee also decided that some minor changes, if at all need to be made in the curriculum ( not more than 10%), the Dean of School, in consultation with the existing teaching faculty, has been authorized to do that in the absence of full house of Board of Studies in Physics. Laboratory course may be framed as the requirement of the Department depending upon the available infrastructure.

Further, the BOS takes cognizance of the courses lunched under Digital Initiative Mission of Government of India, The Gazette of India - Extraordinary Part III Section 4 dated July 20, 2016 regarding MOOCs offered through SWAYAM platform.

Meeting ended with thanks to chair,

Signatures of Members