



SHRI MATA VAISHNO DEVI UNIVERSITY
SUB POST OFFICE – 182320, J & K.
SCHOOL OF MATHEMATICS

**MINUTES OF THE FIRST METING OF BOARD OF STUDIES OF
SCHOOL OF MATHEMATICS, HELD ON 7TH OF APRIL, 2010**

PRESENT

- | | |
|---|-------------------|
| 1. Dr. V. K. Bhat
Director, SOM | Chairman |
| 2. Prof. A. P. Singh, Professor
Department of Mathematics,
University of Jammu. | Expert Member |
| 3. Prof. B. S. Komal, Professor
Department of Mathematics,
University of Jammu. | Expert Member |
| 4. Prof. V. Verma,
Director, School of Biotechnology | Expert Member |
| 5. Dr. Suparn Sharma
Assistant Professor, SOBE | Expert Member |
| 6. Dr. Neeraj Nehra
Assistant Professor, SCSE | Expert Member |
| 7. Dr. A.K.Das,
Assistant Professor, SOM | Member & Convener |
| 8. Dr. Kuldip Raj,
Lecturer, SOM | Member |
| 9. Dr. Sadhana Tiwari
Lecturer, SOM | Member |
| 10. Dr. Sandeep Bhoulgal
Lecturer, SOM | Member |
| 11. Dr. Rakesh Kumar
Lecturer, SOM | Member |

Dr. Ajay Sharma, Lecturer, SOM could not attend the meeting.

The Chairman of the Board welcomed all the members to the First Meeting of Board of Studies.

He thanked Prof. A.P. Singh & Prof. B.S. Komal, for taking out time from their busy schedule to attend the meeting.

He then started the proceedings of the meeting.

[Signature]
8/4/2010

1.1

Introduction

Director, School of Mathematics introduced Prof. A.P. Singh & Prof. B.S. Komal to other members of the Board. A brief introduction was given by all members of the Board.

1.2

Review of Academic Activities

Dr A. K. Das convener gave a presentation about the academic activities of the school. A brief review is given here under:

1.2.1

Teaching

School of Mathematics offers courses in Applied Mathematics to different streams of B.Tech (Computer Science & Engineering, Electronics & Communication Engineering, Mechanical Engineering, Electronics & Instrumentation Engineering, & Industrial Biotechnology).

School of Mathematics has a two year full time M.Sc (Mathematics) Program. The courses are interdisciplinary. In addition to courses from pure mathematics, the program includes courses from Theoretical Computer Science, Operational Research, Economics and a minor project.

This structure was appreciated by the Expert Members for its being interdisciplinary and application oriented.

Prof. V. Verma, Director, School of Biotechnology suggested that some course related to Biotechnology may be included in future. All members agreed upon it.

Dr. A.K.Das & Dr. Rakesh Kumar were requested to design a course (Biomathematics) in consultation with experts and submit the same to the Board for consideration in second meeting of Board of Studies & its possible inclusion as an elective for M.Sc (Mathematics) program.

1.2.2

Research

Faculty members of school have published more than 100 papers in National & International Journals. Faculty members regularly attend conferences, seminars and workshops at National & International level. All faculty members are involved in active research. The faculty members have guided three research scholars for PhD and three more research scholars are registered in the school at present.

1.2.3

Research Projects

The school has one Research Project (Dr. Ajay Sharma, as Principal Investigator) under process & three more proposals have been submitted to DST & National Board of Higher Mathematics, by Dr. V.K.Bhat, Dr. A.K.Das and Dr. Rakesh Kumar.

Handwritten signature
08/04/2010

1.2.4

Other Activities

a) Student Seminar

The school conducts a weekly Student Seminar attended by all M.Sc (Mathematics) students, Research Scholars & Faculty members. In this seminar one student from 1st year & one from 2nd year speak on a topic suggested by course coordinators. The topics are application oriented.

The school also organizes Guest Lectures by Mathematicians from other Universities for students & Research Scholars.

All members of the Board including Expert Members expressed satisfaction on the progress made by the school in terms of course development, teaching, research & other related activities.

Reporting Items

1.3

Introduction of courses for pre-Ph.D. course work.

1.3.1

Proposal submitted by Dr. Rakesh Kumar & Dr. Sandeep Bhoulal for the inclusion of a course entitled "Stochastic Processes and Queuing Theory"

The Board approved the proposal & suggested that prerequisite for the course should be mentioned.

The necessary suggestions have been incorporated & the course is enclosed at Annexure – I.

1.3.2

Proposal submitted by Dr. A.K.Das for the inclusion of a course entitled "Advanced Topology".

The Board approved the proposal & suggested that list of reference books should include year & edition.


The necessary suggestions have been incorporated & the course is enclosed at Annexure –II.

1.3.3

Proposal submitted by Dr. Sadhana Tiwari for the inclusion of course entitled "Introduction to New Generalized Functions".

The Board approved the proposal & suggested that prerequisite for the course should be mentioned and list of reference books should include year & Edition.

The necessary suggestions have been incorporated & the course is enclosed at Annexure –III.

 08/04/2010

1.3.4 Proposal submitted by Dr. Ajay Sharma & Dr. Kuldip Raj for the inclusion of a course entitled "Entire Functions".

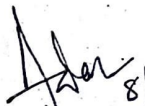
The Board approved the proposal & suggested that prerequisite for the course should be mentioned and list of reference books should include year & edition.

It was also suggested that the book entitled Theory of Function by E.C Tick marsh should be included in the list of reference books.

The necessary suggestions have been incorporated & the course is enclosed at Annexure -IV.

It is recommended that Item No: 1.3 (1.3.1 – 1.3.4) may be included in the agenda of the Academic Council.

The Meeting ended with a vote of thanks to the Chair.


8/4/2010
Dr. A.K. Das
Convener

No: SMVDU/SOM/2010/528-541
Dated: 8th April, 2010

CC:

- PS to the VC for kind information of the Hon'ble Vice Chancellor.
- Registrar, for kind information & further necessary action.
- All members concerned for information.
- Concerned File.