Ref.: F.No./VMOU/SOST/2023/50   Dated 03.06.2023

A meeting (online) of Course Revision Committee for Master of Arts/Master of Science and Bachelor of Arts/ Bachelor of Science Programmes in Mathematics was organized on 5th June 2023 in online mode, using Google Meet platform vide link: https://meet.google.com/rkw-zzwv-sjk

The following members were present:

1.  Prof. B. Arun Kumar, Director Academic/Director, School of Science and Technology VMOU, Kota.
2.  Prof. Ranjit Kumar Upadhyay, Professor and Head, Dept. of Mathematics and Computing, IIT Dhanbad.
3.  Prof. Ajendra Kumar Malik, Professor of Mathematics, School of Science, Rajshri Tandon Open University, Prayagraj.
4.  Prof. R. K. Yadav, Professor of Mathematics, Department of Mathematics, Jai Narayan Vyas University, Jodhpur.
5.  Prof. Arun Kumar, Professor of Mathematics, Department of Mathematics, Govt. College, Kota.
6.  Prof. Atul Tyagi, Professor of Mathematics, Dept. of Mathematics, Mohan Lal Sukhadiya University, Udaipur.
7.  Prof. Rajeev Gupta, Professor of Mathematics, Dept. of Mathematics, Jai Narayan Vyas University, Jodhpur.
8.  Dr. S. D. Purohit, Associate Professor of Mathematics, Department of HEAS (Mathematics), Rajasthan Technical University, Kota.
9.  Dr. Arvind Bhatt, Associate Professor of Mathematics, Department of Mathematics, School of Science, Uttrakhand Open University.
10. Dr. Ravi Gupta, Assistant Professor and Convener Mathematics School of Science and Technology, VMOU, Kota.

Prof. A. Swaminathan and Prof. Manish Gaur could not attend the meeting. Prof. B. Arun Kumar, Director (Academic) welcomed the subject experts.

The Convener, Mathematics presented the current scheme and credit structure for M.A./M.Sc. (Mathematics) program and mathematics in B.Sc./B.A. program at VMOU, Kota. The UGC-DEB regulation dated 04-09-2020 on the minimum standards of instruction for the grant of degrees at the undergraduate and post graduate levels was debated by the committee. The members of the committee discussed in detail and recommended the following:

- In light of the current situation and the need to implement NEP2020, all courses require major updating and rewriting. It was agreed that the content in each course will be revised.
- Based on the discussions, it was decided to recommend that the M.A./M.Sc. (Mathematics) degree should be structured as a four-semester programme with five subjects (4 credits each) in each semester ($4 \times 20 = 80$ credits total). According to NEP2020, the committee also advised that the first and second semesters include all core subjects, while the third and fourth semesters include certain optional electives.
- To conform to the UGC-DEB 2020 standard, the present courses for the M.A./M.Sc. (Mathematics) programme may be divided into two sections,

or additional branches of mathematics may be added based on the needs of the stakeholders.

- The committee proposed that convener mathematics examine the demands of stakeholders and the relevance of NEP2020 for B.Sc./B.A. mathematics fields. Following that, the subject will be revised.

In view of the foregoing, the committee suggested major revision (More than 50% revision) in M.A./ M.Sc. Previous Mathematics and major revision (More than 60% revision) in M.A./ M.Sc. Final Mathematics. Therefore, the committee recommended that the convener, Mathematics, seek approval from the university's academic council for the aforementioned course revisions. The committee also recommended that, once approved by the academic council, a revision plan be produced in conjunction with specialists and kept in the next Course Revision Committee for finalization. The committee agreed that the revision plan should adhere to the standards and guidelines of the NEP 2020 Master of Arts/Master of Science and Bachelor of Arts/Bachelor of Science programmes in Mathematics. While planning for review, the titles and contents of the courses should be consistent with the traditional system's programme structure.

The meeting ended with a vote of thanks to the chair.

Dr. Ravi Gupta
Convener, Mathematics

Prof. B. Arun Kumar 8/6/23
Director, School of Science and Technology