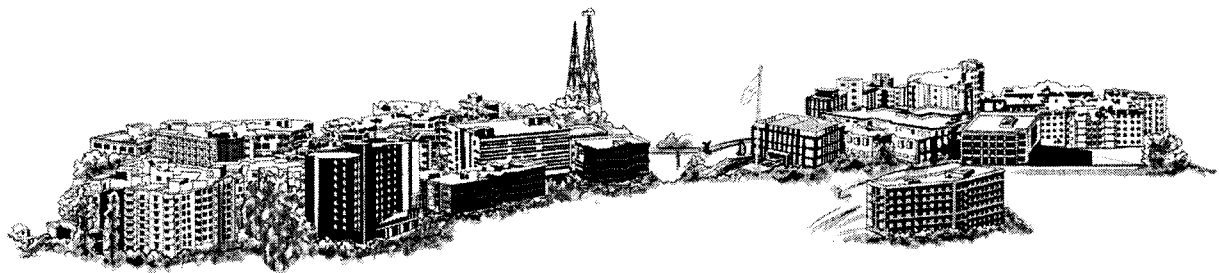




ACTION TAKEN REPORT

DEPARTMENT OF MATHEMATICS

Academic Year 2022-23

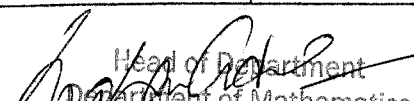


DIT University

Mussoorie Diversion Road Dehradun, Uttarakhand-248009

Report on Action Taken

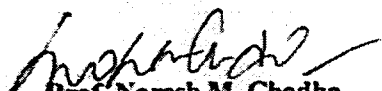
| Item Number | Agenda and Minutes | Action Taken |
|-------------|---|---|
| BOS 11.1 | Grant of Leave of Absence, if any. | |
| BOS 11.2 | To confirm the minutes of the 10 th Meeting of the BoS held on 20 th September 2022. | |
| BOS 11.3 | To report the actions taken on the decisions taken in the 10 th Meeting of the BoS held on 20 th September 2022. | |
| BOS 11.4 | <p><i>The course structure with detailed syllabi of B.Sc. (Mathematics) Hons. / Hons. with Research, 4-year program were presented to the Board members for deliberation. The minors for the following subjects were also deliberated</i></p> <p>(i) Minor in Physics (ii) Minor in Chemistry (iii) Minor in Computer Science (iv) Minor in Economics</p> <p><i>A student may exit at the end of 3rd year with B.Sc. Mathematics degree with minor in any of the above streams by securing 125 credits (including 24 credits for minor).</i></p> <p><i>The duration for B.Sc. (Hons.) Mathematics or B.Sc. (Hons. With Research) Mathematics program is of 4-years. Students will be admitted in these programs as per eligibility criteria mentioned in UGC guidelines on NEP.</i></p> <p><i>To obtain Hons. Or Hons. With Research program a student has to obtain a minimum 163 credits (including 32 credits for Minor).</i></p> <p><i>The structure consists of Discipline Courses and the basket for minor, Interdisciplinary Courses, Ability Enhancement courses (Language), Skill Enhancement Courses/Internship/Dissertation. Common value Added Courses as per the guidelines of UGC. All the baskets were recommended by the Board members.</i></p> | <p>All recommendations of BOS experts and suggestions were incorporated in the course structure.</p> <p>The total credits approved by the BOS experts for B.Sc. (Mathematics) 3-year program and B.Sc.(Hons./Hons. With Research 4-year program were 125 credits and 163 credits respectively. But Academic council amended the credits as: minimum requirement of credits for 3 year UG program is 124 and for 4-year program the minimum credits will be 162.</p> |
| BOS 11.5 | <p><i>The members of BoS deliberated on the B.Sc. (Hons. / Hons. With Research) Statistics 4-year program course structure and syllabi. The minors for the following subjects were also deliberated</i></p> <p>(i) Minor in Physics (ii) Minor in Mathematics (iii) Minor in Computer Science</p> | <p>The BOS experts were agreed with the proposed course structure of B.Sc. (Hons./Hons. With research) Statistics 4-year program. Their suggestions on eligibility criteria and baskets for Minor, Interdisciplinary, skill enhancement Ability enhancement courses etc. were</p> |


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| | <p>(iv) <i>Minor in Economics</i></p> <p><i>A student may exit at the end of 3rd year with B.Sc. Statistics degree with minor in any of the above streams by securing 128 credits (including 24 credits for minor).</i></p> <p><i>The duration for B.Sc. (Hons.) Statistics or B.Sc. (Hons. With Research) Statistics program is of 4-years. Students will be admitted in these programs as per eligibility criteria mentioned in UGC guidelines on NEP. To obtain Hons. Or Hons. With Research program a student has to obtain a minimum 162 credits (including 32 credits for Minor).</i></p> <p><i>The structure consists of Discipline Courses and the basket for minor, Interdisciplinary Courses, Ability Enhancement courses (Language), Skill Enhancement Courses/Internship/Dissertation. Common value Added Courses as per the guidelines of UGC. All the baskets were recommended by the Board members.</i></p> | <p>amended in the course structure.</p> <p>The total credits approved by the BOS experts for B.Sc. (Statistics) 3-year program and B.Sc.(Hons./Hons. With Research) Statistics 4-year program were 128 credits and 162 credits respectively. But Academic council amended the credits as: minimum requirement of credits for 3 year UG program is 125 and for 4-year program the minimum credits will be 161.</p> |
| <p>BOS 11.6</p> | <p><i>The baskets for Minors in Mathematics, and Statistics for UG students of other disciplines were presented to the members of BoS for deliberation.</i></p> | <p>The BOS experts agreed with the proposed baskets of minors for UG students as well as the students from other disciplines.</p> |
| <p>BOS 11.7</p> | <p>To deliberate on the modification in the syllabus of (MA606, MA616, MA618, MA708, MA709) M.Sc. (Mathematics) program.</p> <p><i>The modified syllabus of Real Analysis (MA606), Complex Analysis (MA616), Algebra (MA618), Operation Research (MA708) and Differentiable Manifold (MA709) were presented to the Board members for deliberation. The syllabus of Algebra (MA618) split into two papers namely Group and Ring Theory; and Field and Module Theory. The Board members deliberated on the modified syllabi and approved the same with the following suggestions:</i></p> <p>(i) <i>In Sem I, It is suggested to replace Mathematical Statistics by Group and Ring Theory and Mathematical Statistics should be shifted in the basket of DSE in Sem II.</i></p> <p><i>In sem II, It is suggested to replace Algebra (MA618) by Field and Module Theory.</i></p> | <p>The BOS experts approved the proposed syllabi and shifting of the courses are differed from next academic session.</p> |


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