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Annexure MS - VI (b)



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

Minutes of Board of Studies in Mathematics

The meeting of Board of Studies in Mathematics was held Department of Mathematical Sciences on February 23, 2017 wherein following members were present.

1. Prof. M. Mursaleen, Aligarh Muslim University, Aligarh
2. Dr. Zaheer Abbas, Head, Department of Mathematical Sciences (BGSBU)
3. Dr. Javid Iqbal, Assistant Professor, Department of Mathematical Sciences (BGSBU)
4. Mrs. Shanti Gupta, Asst. Prof., Department of Mathematical Sciences (BGSBU)

The meeting started with the welcome address presented by Dr. Zaheer Abbas, who appreciated the efforts of all the faculty members in the preparation / modification of the syllabi, followed by the presentation of the point wise agenda of the meeting. During the meeting, thread bare discussion / deliberations were held on regarding the modification of syllabi and the decisions are hereby placed on record.



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Course Code	Course Name	Resolution
Semester-I		
MAM-131	Applied Analysis	BOS has proposed: the course to be renamed as <i>Topology and its applications</i> ; the course code be changed to MS - 101; continuation of Unit I and Unit II(with minor changes) and replacement of last three units with new one's.
MAM-132	Techniques in Differential Equations	BOS has proposed the course code be changed to MS – 102 and continuation of rest of the contents.
MAM-133	Real Analysis	BOS has proposed: the course code be changed to MS - 103; continuation of the course title; continuation of Unit I and Unit II(with minor changes) and replacement of last three units with new one's.
MAM-134	Applied Numerical Analysis	BOS has proposed the course code be changed to MS – 104; and continuation of the rest of the contents except minor changes at one or two places.
MAM-135	Computer Fundamentals and C – Programming	BOS has proposed the course code be changed to MS – 105 and continuation of the rest of the contents.
MAM-136	Lab course on MAM-125	BOS has proposed: the course to be renamed as <i>Lab course on MS -104 and MS - 105</i> the course code be changed to MS - 106 maximum marks be changed to 100; and continuation of the rest of the contents.

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Course Code	Course Name	Resolution
Semester-II		
MAM-231	Fourier Analysis and Partial Differential Equations	BOS has proposed the removal of this course to provide space for the choice based elective courses, a list of which has been attached to this syllabus.
MAM-232	Numerical Linear Algebra.	BOS has proposed the course code be changed to MS - 201 and continuation of the rest of the contents except minor changes at one or two places.
MAM-233	Functional Analysis with Applications.	BOS has proposed the course code be changed to MS - 202 and continuation of the rest of the contents except some changes in the unit four.
MAM-234	Abstract Algebra with Applications	BOS has proposed the course code be changed to MS - 203; continuation of the course title; continuation of unit I, II and III; some deletions in unit IV ; replacement of UNIT V with a new unit
MAM-235	Complex Analysis and Applications	BOS has proposed the course code be changed to MS - 204 and continuation of rest of the contents.
MAM-236	MATLAB	BOS has proposed the course code be changed to MS - 205; maximum marks be changed to 100 and continuation of rest of the contents with minor changes at one or two places.
		BOS has proposed the open course offered by the department for the students of other departments with title Mathematical Tools for Real World Problems.

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Course Code	Course Name	Resolution
Semester-III		
MM-331	General Topology	BOS has proposed the course to be renamed as Advanced topics in Topology; the course code be changed to MS - 301; removal of first three units as the contents of these units has now been included in MS -101; to shift the contents of unit IV and V to Unit I and II respectively; to shift the contents of unit I, II and III of course MM -484, respectively, to Unit III, IV and V of this course with few minor changes
MM-332	Complex Dynamics	BOS has proposed to shift this course to semester fourth with new course code MS- 404 and without any change in the contents. In place of this course BOS has proposed the inclusion of theory of operators (earlier an elective course in the same semester with course code MM-335) with minor changes.
MM-333	Lebesgue Measure and Integration Theory	BOS has proposed to delete this course as most of the contents of this course has now been included in the course MS - 103. In place of this course BOS has proposed the inclusion of a new course namely Calculus in \mathbb{R}^n with course code MS - 303.
MM-334	Set Theory	BOS has proposed the course code be changed to MS - 304 and continuation of the rest of the contents except changes at one or two places.
		BOS has proposed the introduction of a core course namely Lab course on LATEX with course code MS - 305.
MM-335	Theory of Operators (Elective - I)	BOS has proposed to shift this course to the core courses with new course code MS - 302; few minor changes in almost every unit;
MM-336	Differential Geometry (Elective - I)	BOS has proposed to put all these three courses in to one list under the heading "choice based complementary courses"; to add three more courses to this list namely Commutative algebra (earlier an elective course in the fourth semester with course code MM - 476), Advanced Complex Analysis (earlier an elective course in the fourth semester with course code MM - 473) and Abstract measure theory and integration (earlier an elective course in the fourth semester with course title as "Advanced measure theory" and course number MM -477);
MM-337	Number Theory (Elective - II)	to change the course code MM -336 to MS -306;
MM-338	Module Theory (Elective - II)	to change the course code MM -337 to MS -307;

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		to change the course code MM -338 to MS -308; to change the course code MM - 476 to MS -309; to change the course code MAM -473 to MS -310; to change the course code MAM -477 to MS -311;
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Course Code	Course Name	Resolution
Semester-IV		
MM-471	Dissertation/ Major Project	BOS has proposed the course code be changed to MS - 401 and continuation of rest of the contents.
MM-472	Technical Communicati on	BOS has proposed the course code be changed to MS - 402 and continuation of rest of the contents.
		BOS has proposed the introduction of new lab course namely LAB course on SPSS with course code MS - 403.
MAM-473- 485	Elective-II, III and IV	BOS has proposed change of this heading to "Choice based complementary electives"
MM-473	Advanced Complex Analysis	BOS has proposed to shift this course to semester third with new course code MS- 310 without any change in the contents. In place of this course BOS has proposed to include a course from semester third namely Complex Dynamics (Earlier code MM - 332) with new course code as MS - 404.
MM-474	Banach Algebras	BOS has proposed the course code be changed to MS - 405 and continuation of rest of the contents.
MM-475	Advanced Functional Analysis	BOS has proposed the course code be changed to MS - 406 and continuation of rest of the contents.
MM-476	Commutative Algebra	BOS has proposed to shift this course to semester third with new course code MS- 309 without any change in the contents.
MM-477	Advanced measure Theory	BOS has proposed to shift this course to semester third with new course code MS- 311 and new course title Abstract measure theory and integration but without any change in the contents.
MM-478	Tensor Analysis and Riemannian Geometry	BOS has proposed the course code be changed to MS - 407 and continuation of rest of the contents.
MM-479	Algebraic Topology	BOS has proposed the course code be changed to MS - 408 and continuation of rest of the contents.
MM-480	Theory of Fields	BOS has proposed the course code be changed to MS - 409 and continuation of rest of the contents.
MM-481	Spaces of Analytic	BOS has proposed the course code be changed to MS - 410 and continuation of rest of the contents.

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	Functions	
MM-482	Algebraic Geometry	BOS has proposed the course code be changed to MS - 411 and continuation of rest of the contents.
MM-483	Ring Theory	BOS has proposed deletion of this course.
MM-484	Selected Topics In Topology	BOS proposed deletion of this course.
MM-485	Theory of Relativity	BOS has proposed the course code be changed to MS - 412 and continuation of rest of the contents.