



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

Minutes of Board of Studies in Mathematics (Spl. Applied Mathematics)

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

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

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 Topology and its applications ; 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 Lab course on MS -104 and MS - 105 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 | | |
| MAM-331 | Applied Probability and Random Processes | BOS has proposed to change the status of this compulsory course as an elective course in the same semester with new course code MS - 323 and without changing any of the contents; replacement of this course with a new course namely Applied Harmonic Analysis bearing code MS - 318 . |
| MAM 332 | Computational Methods for ODE and PDE | BOS has proposed the course code be changed to MS - 316 ; Continuation of unit I and II; major changes in Unit III, IV and V. |
| MAM-333 | Applied Functional Analysis - I | BOS has proposed the course be shifted to semester fourth with new course title Applied Functional Analysis and new course code MS - 426 ; replacement of this course with a new course namely Applied Multivariable Calculus bearing code MS - 317 . |
| MAM-334 | Lab Course on MAM - 332 | BOS has proposed: the course to be renamed as Latex and Lab course on MS - 316 ; the course code be changed to MS - 319 ; the maximum marks be raised to 100 and some changes in the contents. |
| MAM - 335/336 | Elective-I | |
| | MAM-335: Mathematical Finance | MAM-336: Graph and Network Theory |
| MAM 337 / 338 | Elective-II | |
| | MAM - 337: Modelling and Simulation | MAM -338: Mathematical Programming |
| <p>BOS has proposed to put all these four courses in to one list under the heading "choice based complementary courses"; to add two more courses to this list namely Applied Probability and Random Processes (earlier a compulsory course in the same semester with course code MAM - 331) and Modelling of Real world problems by Variational inequalities (earlier an elective course in the fourth semester with course code MAM - 475); to change the course code MAM -335 to MS -320; to change the course code MAM -336 to MS -321; to change the course code MAM -337 to MS -322; to change the course code MAM -338 to MS -324; to change the course code MAM -331 to MS -323; and to change the course code MAM -475 to MS -325.</p> | | |

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| Course Code | Course Name | Resolution |
|--------------------|---|--|
| Semester-IV | | |
| MAM-471 | Dissertation/ Major Project | BOS has proposed continuation of this course under the new course code MS - 416 without any change. |
| MAM-472 | Technical Communication | BOS has proposed continuation of this course under new course code MS - 417 without any change. |
| | | BOS has proposed the introduction of new lab course namely LAB course on SPSS with course code MS - 418 . |
| MAM-473- 86 | Elective-II, III and IV | BOS has proposed this heading be changed to " Choice based complementary electives " |
| MAM-473 | Wavelet and Applications | BOS has proposed: the course code be changed to MS - 419 ; rearrangement of the contents with few additions and deletions. |
| MAM-474 | Mathematics of Insurance | BOS has proposed the course code be changed to MS - 420 and continuation of the rest of the contents. |
| MAM-475 | Modeling of Real World Problems by Variational Inequalities | BOS has proposed to shift this course to semester third with a new course code MS- 325 and without any change in the contents. |
| MAM-476 | Fluid Dynamics | BOS has proposed the course code be changed to MS - 421 and continuation of the rest of the contents |
| MAM-477 | Advanced Finite element Methods | BOS has proposed the deletion of this course. |
| MAM-478 | Algorithmic optimization | BOS has proposed the course code be changed to MS - 422 and continuation of the rest of the contents |
| MAM-479 | Integral Equations and Applications | BOS has proposed the course code be changed to MS - 423 and continuation of the rest of the contents |
| MAM-480 | Bio- Mathematics | BOS has proposed the course code be changed to MS - 424 and continuation of the rest of the contents |
| MAM-481 | Operation | BOS has proposed the deletion of this course. |

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| | Research | |
|-----------|--------------------------------------|---|
| MAM-482 | Difference Equations | BOS has proposed the deletion of this course. |
| MAM-483 | Mathematical Ecology and Epdemiology | BOS has proposed the deletion of this course. |
| MAM - 484 | Dynamical Systems | BOS has proposed the course code be changed to MS - 427 and continuation of the rest of the contents |
| MAM -485 | Finite Fields and Coding Theory | BOS has proposed the course code be changed to MS - 425 and continuation of the rest of the contents |
| MAM -486 | Applied Functional Analysis - II | BOS has proposed The course title be changed to Applied Functional Analysis ; the course code be changed to MS - 426 ; replacement of the contents of this course with the contents of the course MAM - 333. |

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School of Islamic Studies and Languages

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Minutes of the Meeting

A meeting of Board of Studies of the School of Islamic Studies and Languages was held on 13th of January 2017 in the conference Hall of the Department to draft and revise the syllabi of M A Arabic, Islamic Studies and Urdu for the year 2017 onwards. The following experts were present.

1. Dr. Shams Kamal Anjum. Head, Department of Arabic **(Convener)**
2. Prof. S Kafeel Ahmed Qasmi, Former Dean, Faculty of Arts, former Chairman, Department of Arabic Aligarh Muslim University, **(External Expert of Arabic)**
3. Prof. Sayyid Ahsan, Chairman, Department of Islamic Studies, Aligarh Muslim University, **(External Expert of Islamic Studies)**
4. Prof. Quddus Jawaid, former HoD Urdu, University of Kashmir **(External Expert of Urdu)**
5. Dr. Md Affan, Assistant Professor, Arabic, BGSBU
6. Dr. Mohd Azam, Assistant Professor, Arabic, BGSBU
7. Dr. Manzar Alam, Assistant Professor, Arabic, BGSBU
8. Dr. Layaqat Hussain, Assistant Professor, Urdu, BGSBU
9. Dr. Mushtaq Ahamd Wani, Assistant Professor

The Board drafted syllabi of M A in Urdu, Islamic Studies, and revised the syllabi of Arabic. The Board made the following Recommendations:

1. MA in Arabic

The Board resolved that:

- The medium of teaching and examinations of the following courses shall be in Arabic:
 - a. Arabic Grammar and Morphology
 - b. Fundamentals of Rhetoric
 - c. Fundamentals of Literary Criticism
 - d. Research Methodology

Dr. Shams Kamal Anjum
13.1.2017

Md. Affan
M. Azam

Prof. S. Kafeel Ahmed Qasmi
13/1/17



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while the medium of teaching and examinations of the remaining courses shall be Arabic/English/Urdu.

- The content of the course; "Applied Arabic Grammar and Morphology" (MAR-144) was modified and now it will be as under:

الوحدة الأولى:

- المضاف والمضاف إليه، الموصوف والصفة، حروف الجر
- المبتدأ والخبر، الممنوع من الصرف،

الوحدة الثانية:

- الجدد والمعدود، جمع المذكر السالم والمؤنث السالم
- إن وأخواتها، كان وأخواتها، الاستثناء، اسم التفضيل

- The course **Fundamentals of Rhetoric (MAR-344)** will be put in the semester III instead of the semester IV.
- The course title; "Arabic Literature in Spain" will be as: "History of Arabic literature in Spain" (MAR-348)
- A new course of 04 credits namely; "Arabic Prose and Poetry in Spain" (MAR-349) should be introduced as elective paper in the semester III.
- The course code of the paper; **Modern Trends in Arabic literature** will be **MAR-350** instead of MAR-348
- A new course of 02 credits namely; **Arabic Linguistics (MAR-444)** will be introduced in the semester IV
- A new paper of 04 credits namely "Research Methodology" (MAR-445) should be introduced in the semester -IV.
- A new paper of 02 credits namely "Project-Viva-Voce" (MAR-446) should be introduced in the semester-IV.
- The title of the course; "Translation from Arabic into English and Vice Versa I & II" was modified as: "Translation and Composition I & II in the II" and IV semesters respectively. (MAR-343 & MAR-443)
- The title of the course: MAR-208 (CBCS) and its content has been approved. So The Course Structure will be as under:

Semester I

| Course Code | Course Title | Credits | Distribution of Marks |
|-------------|--------------|---------|-----------------------|
| | | | |

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| Core Courses: | | | Sessional Assessment | University Examination | Total |
|---------------|---------------------------------------|-----------|----------------------|------------------------|------------|
| MAR-141 | Classical Arabic Prose-I | 4 | 40 | 60 | 100 |
| MAR-142 | Classical Arabic Poetry-I | 4 | 40 | 60 | 100 |
| MAR-143 | History of Arabic Literature-I | 4 | 40 | 60 | 100 |
| MAR-144 | Applied Arabic Grammar and Morphology | 4 | 40 | 60 | 100 |
| Total | | 16 | 160 | 240 | 400 |

Semester II

| Course Code | Course Title | Credits | Distribution of Marks | | |
|---|---------------------------------------|-----------|-----------------------|------------------------|------------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MAR-241 | Classical Arabic Prose-II | 4 | 40 | 60 | 100 |
| MAR-242 | Classical Arabic Poetry-II | 4 | 40 | 60 | 100 |
| MAR-243 | History of Arabic Literature-II | 4 | 40 | 60 | 100 |
| Choice Based Open Elective Course (Students are required to opt any one of the following courses) | | | | | |
| Math- 201 | Applied Calculus | 4 | 40 | 60 | 100 |
| IT. 202 | Soft Skills in Information Technology | 4 | 40 | 60 | 100 |
| Comp-203 | Computer Applications and Operations | 4 | 40 | 60 | 100 |
| Bio- 204 | Fundamentals of Biotechnology | 4 | 40 | 60 | 100 |
| Bot- 205 | Mysteries of Green Plants | 4 | 40 | 60 | 100 |
| Bot- 206 | Botany in Rural Developments | 4 | 40 | 60 | 100 |
| Zol- 207 | Nutrition, Health & Hygiene | 4 | 40 | 60 | 100 |
| Eng- 209 | Applied English | 4 | 40 | 60 | 100 |
| Edu- 210 | Higher Education | 4 | 40 | 60 | 100 |
| 211 | Principles of Banking | 4 | 40 | 60 | 100 |
| HT- 212 | Basic of Tourism and Travel Agency | 4 | 40 | 60 | 100 |
| HT- 213 | Tourism Resources of J&K | 4 | 40 | 60 | 100 |
| Total | | 16 | 160 | 240 | 400 |

Semester III

| Course Code | Course Title | Credits | Distribution of Marks | | |
|---------------|--------------|---------|-----------------------|------------|-------|
| | | | Sessional | University | Total |
| Core Courses: | | | | | |

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| | | | Assessment | Examination | |
|--|---------------------------------------|-----------|------------|-------------|------------|
| MAR-341 | Modern Arabic Prose-I | 4 | 40 | 60 | 100 |
| MAR-342 | Modern Arabic Poetry-I | 4 | 40 | 60 | 100 |
| MAR-343 | Translation and Composition- I | 4 | 40 | 60 | 100 |
| MAR-344 | Fundamentals of Rhetoric | 2 | 20 | 30 | 50 |
| Complementary Choice Based Electives: | | | | | |
| (Any one of the following) | | | | | |
| MAR-345 | Fundamentals of Literary Criticism | 4 | 40 | 60 | 100 |
| MAR-346 | Arabic Literature in India | 4 | 40 | 60 | 100 |
| MAR-347 | Mahjar Literature | 4 | 40 | 60 | 100 |
| MAR-348 | History of Arabic Literature in Spain | 4 | 40 | 60 | 100 |
| MAR-349 | Arabic Prose and Poetry in Spain | 4 | 40 | 60 | 100 |
| MAR-350 | Modern Trends in Arabic Literature | 4 | 40 | 60 | 100 |
| Total | | 18 | 180 | 270 | 450 |

Semester IV

| Course Code | Course Title | Credits | Distribution of Marks | | |
|----------------------|---------------------------------|-----------|-----------------------|------------------------|------------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MAR-441 | Modern Arabic Prose-II | 4 | 40 | 60 | 100 |
| MAR-442 | Modern Arabic Poetry-II | 4 | 40 | 60 | 100 |
| MAR-443 | Translation and Composition- II | 4 | 40 | 60 | 100 |
| MAR-444 | Arabic Linguistics | 2 | 20 | 30 | 50 |
| MAR-445 | Research Methodology | 2 | 20 | 30 | 50 |
| MAR-446 | Project-Viva Voce | 2 | - | 30 | 50 |
| Total | | 18 | 160 | 270 | 450 |

2. MA in Islamic Studies

- The Board drafted syllabi of M A in Islamic Studies, and resolved that:
The medium of teaching and examinations will be English.
- The Board also approved the syllabi with the following course structure:

Semester I

| Course Code | Course Title | Credits | Distribution of Marks | | |
|----------------------|--------------|---------|-----------------------|------------|-------|
| | | | Sessional | University | Total |
| Core Courses: | | | | | |

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Minutes of the Meeting

A meeting of Board of Studies of Department of Arabic was held on 3-4 March 2016 in the office chamber of the Head of the Department to revise the syllabi of M A Arabic and B A (Hons) Arabic. The following experts were present.

- | | |
|-----------------------------|---|
| 1. Dr. Shams Kamal Anjum | Head, Department of Arabic (Convener) |
| 2. Prof. Manzoor Ahmed Khan | Former Dean, Faculty of Arts, HoD Arabic University of Kashmir |
| 3. Dr. Md Affan | Assistant Professor |
| 4. Dr. Mohd Azam | Assistant Professor |
| 5. Dr. Manzar Alam | Assistant Professor |
| 6. Dr. Layaqat Hussain | Assistant Professor |
| 7. Dr. Romina Rashid | Assistant Professor |
| 8. Mr. Qamar Rayees Khan | Assistant Professor |
| 9. Dr. Abdul Rashid Qadri | Assistant Professor |

The Board revised the syllabi of both programmes and made the following amendments:

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B A (Hons) Arabic
1st Semester

BAR-101 (Arabic Text-I) No Change

BAR-102 (Arabic Grammar-I)

| Existing | Replaced by |
|---------------|--|
| Unit-V | من باب فتح ، ضمير ، ضربا ، سمع ، كرم ، حسب |
| Unit modified | |

BAR-103 (Urdu-I)

| Existing | Replaced by |
|------------|-------------------------------|
| Unit-III | Sar mein sauda bhi nahin |
| Unit-III ✓ | deleted |
| | Deleted |
| Unit- IV ✓ | Allama Iqbal |
| | Suaa e Umeed by Iqbal |

BAR-104 (Islamic Studies-I) No Change

BAR-105 (General English-I)

| Existing | Replaced By |
|----------|---------------------------|
| Unit I | Of Truth by Francis Bacon |
| Unit V | Active, Passive |

2nd Semester

BAR-201 (Arabic Text-II) No Change

BAR-202 (Arabic Grammar-II)

| Existing | Replaced by |
|----------|--------------------|
| Unit-I | Deleted (repeated) |
| Unit-III | المفعول معه |

BAR-203 (Urdu -II) No Change

| Existing | Replaced by |
|----------|---------------------|
| Unit-IV | Talok Chand Mahroom |

BAR-204 (Islamic Studies-II) No Change

BAR-205 (General English-II)

| Existing | Replaced by |
|----------|----------------------------------|
| Unit-II | No Change |
| Unit-IV | Leave the chanting by R N Tagore |

3rd Semester

BAR-301 (Arabic Text-III) No Change

BAR-302 (Arabic Grammar-III) No Change

BAR-303 (Urdu-III) No Change

BAR-304 (Islamic Studies-III) No Change

BAR-305 (General English-III)

| Existing | Replaced by |
|----------|-------------|
| Unit-II | No Change |
| Unit-III | No Change |

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BAR-306 (Environmental Science) No Change

4th Semester

BAR-401 (Arabic Text-IV)

| | Existing | Replaced by |
|--------|--|--|
| Unit-I | Modification in Objectives of the syllabus | The teacher will also focus on the exercise given in the book/ |

BAR-402

| | Existing | Replaced by |
|----------|---------------|--|
| Unit-III | Unit modified | المعتل وأقسامه: المثال (تصارييف من باب ففتح نصرضرب) الأجوف (تصارييف من باب نصر ضرب سمع) الناقص (تصارييف من باب نصرف ضرب سمع) |
| | | تصارييف أفعال المعتل من أبواب الثلاثي المزيد المثال (أفعال تفعيل مفاعلة إفتعال) الأجوف (أفعال تفعيل مفاعلة إفتعال) الناقص (أفعال تفعيل مفاعلة إفتعال) |
| Unit-IV | Added: | اوزان اسم الظرف اوزان اسم الألة |
| Unit-V | Unit Modified | خصائص الأبواب الثلاثي المجرد (فتح نصر ضرب) خصائص الأبواب الثلاثي المجرد (سمع حسب كرم) |

BAR-403 (Urdu-IV)

| | Existing | Replaced by |
|---------|--|--|
| Unit-II | Novelet "Nadeed" by Jogendar Singh | Ek Chadar Maili si By Rajendar Singh Bedi |
| | Joginder Pal Singh ke halaat e zindagi ... | Rajendar Singh Bedi ki halaat e zindagi ... |

BAR-404 (Islamic Studies-IV)

| | Existing | Replaced by |
|----------|--|-------------|
| Unit-I | Introduction to the following Mufasssereen | Deleted |
| Unit-I | Sihah Sitta | Deleted |
| Unit-III | Musnad Ahmad | Deleted |
| Unit-IV | Jafari | Deleted |

BAR-405 (General English-IV)

| | Existing | Replaced by |
|---------|---|------------------------------------|
| Unit-IV | Do Not go gentle into that Night by Dylan | Ode to a Grecian Urn by John Keats |
| Unit V | Change of Voice | One word substitution |

5th Semester

BAR-501 (Arabic Text-I) No Change

BAR-502 (Translation (Arabic English & Vice Versa) No Change

| | Existing | Replaced by |
|----------|----------|---|
| Unit-I | Modified | معاني المفردات الآتية واستخدامها في الجمل البسيطة |
| Unit-III | Modified | معاني التراكيب الآتية واستخدامها في الجمل البسيطة |

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BAR-503 (Introduction to Arabic World) No Change
BAR-504 Urdu-V)

| | Existing | Replaced by |
|----------|--|------------------------------------|
| Unit-II | Drama Diya Bujh gaya by Kartar Singh | Dil ki pyas by Agha Hashr Kashmiri |
| Unit-III | Kartat Singh Duggal ke halaat e Zindagi .. | Agha Hashr |
| Unit-IV | Kutte | Marhoom ki yaad mein ... |

BAR-505 (Islamic Studies-V) No change

BAR-506 (General English-V)

| | Existing | Replaced by |
|---------|-----------------------------|--|
| Unit-I | Coolie by Mulk Raj Anand | Should be written once |
| Unit-IV | Two Lucy Poems | 1. She dwelt among the untrodden ways 2. A slumber did my spirit seal |
| Unit V | Transformation of sentences | Sentence, its types and transformation |

6th Semester

BAR-601 (Arabic Prose and Poetry) No Change

BAR-602 (Oral Expression in Arabic) No Change

BAR-603 (History of Arabic Literature) No Change

BAR-604 (Urdu-VI) No Change

BAR-605 (Islamic Studies-VI) No change

| BAR-606 | Existing | Replaced by |
|---------|------------------------------|------------------------------|
| Unit-II | Democracy by S.Rada Krishnan | Of Marriage by Francis Bacon |
| Unit-IV | My Grandmother by kamala Das | No Change |

1. Dr. Shams Kamal Anjum
2. Prof. Manzoor Ahmed Khan
3. Dr. MD. Affan
4. Dr. Mohd. Azam
5. Dr. Manzar Alam
6. Dr. Sayed Layaqat Hussain
7. Dr. Romina Rashid
8. Mr. Qamar Rayees Khan
9. Dr. Abdul Rashid Qadri

Manzoor Khan
4/3/2016
Md. Affan
Manzar Alam
Romina Rashid
4/3/16
Qamar Rayees Khan
4/3/16

ANNEXURE I B



Department of Biotechnology
School of Biosciences & Biotechnology
Baba Ghulam Shah Badshah University,
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Minutes of the meeting of Board of Studies in Biotechnology, School of Biosciences and Biotechnology

Pursuant upon Deputy Registrar (Academic Affairs) office letter No. BGSBU/ACAD/16/311, dated May 2, 2016, the meeting of Board of Studies in Biotechnology was held today, on May 13, 2016 in the office of the Dean, School of Biosciences and Biotechnology.

Present:

The following were present:

1. Prof. G. H. Dar, Dean SBB (Convener)
2. Prof. M.Z. Abdin, HOD Biotechnology, JamiaHamdard (External Expert)
3. Dr. A.A. Shah, Associate Professor, Coordinator Biotechnology (Member)
4. Dr. S. Verma, Associate Professor (Member)
5. Dr. Tanvir-ul-Hassan Dar, Assistant Professor (Member)
6. Dr. Saima Aslam, Assistant Professor (Member)
7. Dr. Raja Amir, Assistant Professor (Member)

Agenda: To go through the draft of revised syllabus of M.Sc. Biotechnology

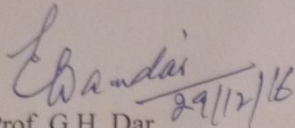
Resolution: The members thoroughly went through the draft of revised syllabus of M.Sc. Biotechnology prepared by the faculty in keeping with the fact that this programme is funded by DBT, New Delhi, as an innovative PG Course titled M.Sc. Bioresource's Biotechnology. The following recommendations emerged out of the prolonged discussions:

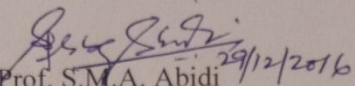
1. A course on microbial bio-resources was added in semester 1st (02 credit)
2. New syllabus would be as per CBCS.
3. Open choice elective course should be added in semester 2nd (04 credit).
4. Course on genetics should be added in semester 3rd (02 credits)
5. Discipline centric elective courses (minimum 03) should be added in semester 3rd
6. Some skill based course must be added to overall curriculum.
7. A course on Bioinformatics and Bio entrepreneurship should be incorporated in 3rd semester.
8. Course on Analytical Techniques (02 credits) must be added in semester 3rd

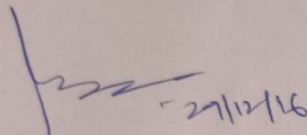
The meeting ended with a vote of thanks to the Chair.

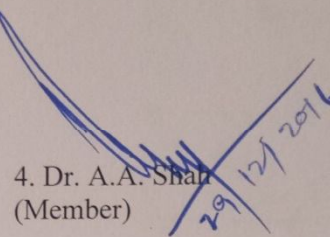


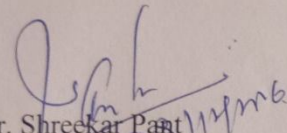
Baba Ghulam Shah Badshah University
Rajouri-185 234 (J&K)

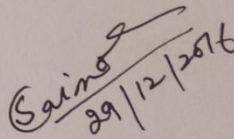

1. Prof. G.H. Dar
(Convener)

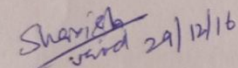

2. Prof. S.M.A. Abidi
(External Expert)

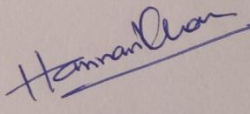

3. Dr. Susheel Verma
(Member)

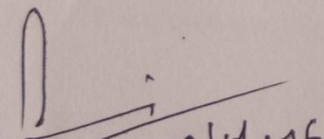

4. Dr. A.A. Shah
(Member)


5. Dr. Shreekar Pant
(Member)


6. Dr. Saima Aslam
(Member)


7. Dr. Shavish Vaid
(Special Invitee)


8. Dr. Hanan Khan
(Special Invitee)


9. Dr. Raja Amir
(Co-opted)



CENTRE FOR BIODIVERSITY STUDIES
SCHOOL OF BIOSCIENCES AND BIOTECHNOLOGY
BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI – 185 234 (J&K)

Ref. No: BGSBU/CBS/16/11631

Date: 07-04-2016

Minutes of Departmental M.Phil Committee

Departmental M.Phil Committee met in the office chamber of the Director, CBS on 07-04-2016 at 10.00 A.M.

Present:

- | | |
|-----------------------------|----------|
| 1. Prof. G. H. Dar | Chairman |
| 2. Dr. Susheel Verma | Member |
| 3. Dr. A. A. Shah | Member |
| 4. Dr. S. Pant | Member |
| 5. Mrs. Mamta Bhat | Member |
| 6. Dr. Tanvir-Ul-Hassan Dar | Member |
| 7. Dr. Saima Alsam | Member |
| 8. Dr. Raja Amir | Member |

Agenda:

1. To assign supervisor to Mr. Basharat Ahmad Bhat, M. Phil candidate in Biotechnology (session 2016).
2. To approve syllabus of 04 papers developed for theory Course of the said candidate.

Resolution: The Committee deliberated upon the items on agenda and approved as follows:

1. Based on the interest of the candidate, Dr. Tanvir-ul-Hassan Dar, Assistant Professor, is allocated as supervisor to Mr. Basharat Ahmad.
2. The syllabus developed for four theory papers meant for the Course Work in Ist Semester of the said M.Phil candidate was approved as given below. Each theory paper is of 04 credits and carries 100 marks.

| <u>Subject</u> | <u>Course Code</u> | <u>Course Title</u> |
|----------------|--------------------|----------------------|
| Biotechnology | Paper I | Research Methodology |
| | Paper II | Plant Biotechnology |
| | Paper III | Inheritance Biology |
| | Paper IV | Molecular Biology |

The concerned supervisor certified that the contents of Course papers framed for M.Phil programme do not exactly match the course contents studied by the candidate during his M.Sc.

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

Dr. Raja Amir

Ms. Mamta Bhat

Dr. Saima Aslam

Dr. S. Pant

Dr. Tanvir-Ul-Hassan Dar

Dr. A. A. Shah

Dr. S. Verma

Professor G. H. Dar

**Minutes of the meeting of Board of Studies in Botany
School of Biosciences and Biotechnology**

Pursuant upon Registrar office letter No. BGSBU/Acad/790-95, dated 20-12-2016, the meeting of the Board of Studies in Botany was held today, on December 29, 2016, in the office of the Dean, School of Biosciences and Biotechnology.

Present:

The following were present:

1. Prof. G.H. Dar, Dean, School of Biosciences and Biotechnology (Convener)
2. Prof. Jawaid Ahmad Khan, Department of Botany, Jamia Millia Islamia (External Expert)
3. Dr. Susheel Verma, Academic Coordinator, Biotechnology (Member)
4. Dr. A.A. Shah, Academic Coordinator, Zoology (Member)
5. Dr. Shreekar Pant, Academic Coordinator, Botany (Member)
6. Mrs. Mamta Bhat, Assistant Professor in Botany (Member)
7. Dr. Tanvir-ul- Hassan Dar, Assistant Professor in Biotechnology (Member)
8. Dr. Tariq Ahmad Dar, Assistant Professor (contractual), (By special invitation)
9. Dr. Ankush Khujaria, Assistant Professor (contractual), (Co-opted)

Agenda:

- i. To draft syllabi for theory and laboratory courses for I to IV semesters of M. Sc. Botany programme for the years as shown against each Semester below:

| | |
|--------------|-------------------|
| I Semester | 2017, 2018 & 2019 |
| II Semester | 2017, 2018 & 2019 |
| III Semester | 2018, 2019 & 2020 |
| IV Semester | 2018, 2019 & 2020 |

- ii. To draft syllabi of Open Choice Courses in Botany for students of other Departments/ Schools.

Resolution:

The members thoroughly went through the drafts of syllabi for theory and laboratory courses for I to IV Semesters of M. Sc. Botany prepared by the faculty for the years 2017-2020. Draft syllabi of Open Choice Courses in Botany developed for students of other

Departments/Schools were also discussed. The following recommendations were made after prolonged deliberations:

A-Semester-wise Recommendations:

The draft syllabi developed for theory and lab. courses for I to IV Semesters be approved with modifications/incorporations shown in each Semester as follows:

Semester I

- i. Two separate papers on Cell Biology and Molecular Biology should be adopted, each with 02 credit work load.
- ii. The course content of the paper Plant Morphology and Anatomy (Bot-153) be reoriented as per the given suggestions.

Semester II

- i. The courses Mycology and Plant Pathology (Bot-251) and Bacteria and Viruses: Structure and Diversity (Bot-253) be revised at large as discussed. After incorporating the necessary changes, soft copies of these courses have to be mailed/communicated to the expert for his approval and incorporation in the final draft.
- ii. Draft syllabi of Open Choice Courses in Botany (both theory and lab.) developed for adoption in II Semester for students of other Departments/Schools be approved.

Semester III

- i. A course on "Recombinant DNA Technology of Plants and Microbes" be adopted as elective paper in Semester III in place of "Stress Biology-I" which appears to be a highly specific course.
- ii. The other elective courses devised for this Semester be approved.
- iii. The title of the Course Biostatistics and Computer Application (Bot-353) be changed to Biostatistics and Bioinformatics and one of its units be earmarked for Bioinformatics content.

Semester IV

- i. Dissertation with 4 credit work load of 100 marks be incorporated in this Semester.
- ii. To accommodate credit load of Dissertation, the 02-credit course on "Ethnobotany, Traditional Knowledge and IPR" be withdrawn, while credit weightage of the course on "Biotechnology and Genetic Engineering of Plants and Microbes" be reduced from 4 to 2 credits.

- iii. A component on forest pathology be incorporated in the elective course "Forest Ecology-II".
 - iv. The elective course on "Biodiversity Conservation-II" be reoriented to remove the repetition(s) in its Unit III.
- Laboratory exercises in different courses of all the four Semesters be looked into to remove the repetitive and other ones as shown in the draft syllabi.
 - The list of books in each course be updated, replacing the old-edition books with recent editions.

B-General Observations/Suggestions

In addition to the aforesaid recommendations, the external expert emphatically made the following suggestions for taking up with the university authorities:

1. The internal assessment component in theory examination be reduced from 40 % to 25 % in both 4- and -2 credit Courses.
2. There should be 01 Unit per Credit. Unitization in 4- as well as well as in 2- credit Courses needs to be done accordingly.
3. As provided in UGC guidelines, attendance component need not be provided any weightage in the internal assessment marks.
4. For undertaking Dissertation work in 4th Semester, each student be provided an amount of Rs. 10,000.
5. The students in their III Semester be taken for 'Out of State' Botanical Tour of 15 days duration, in addition to local botanical forays during 1st/2nd Semesters.

In the end, the Dean, School of Biosciences and Biotechnology (Convener of BoS) thanked the expert for sparing his time for the meeting and providing valuable inputs and expertise in developing a standard Course Curriculum for M.Sc. Botany programme. He also thanked all members of the Board for their painstaking and active participation in this meeting.

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



Department of Civil Engineering
SoET, BGSB University, Rajouri-J&K

R.NO: BGSBU/SoET/CE/16/827

Date: 21/5/2016

Minutes of Departmental BoS Meeting

Based on the feedback received from the stake holders the board of studies (BOS) for the Department of Civil Engineering was held on 21st May, 2016 in the conference room of School of Engineering and Technology, BGSB University, Rajouri.

The following members were present in the meeting.

1. Mr. Vaseem Ahmed Shahnaz (A.P., HoD CE)
2. Mr. Zishan Aslam (A.P)
3. Mr. Pervez Alam (A.P)
4. Dr. Ram Singh (A.P, Applied science)
5. Mr. Khalil ahmed. (A.P, HoD CSC)

The details deliberation were held in the meeting presided over by Mr. Vaseem Ahmed Shahnaz (A.P., HoD CE) with regards to the minor change in the curriculum.

- I. It was decided by the committee members to introduce following electives in VIIth Semester.
 - a) Ground improvement Techniques
 - b) Structural Dynamics
- II. It was proposed that the course contents of following labs be updated with more focus on computer aided Design and industry.
 - a) Staad Pro Lab
 - b) Geo-Technical Engineering Lab
 - c) Transportation Lab
- III. It was proposed that minor revision in syllabus of subject "Communication Skills" be made with more emphasis on report making, preparations and project report Writing.

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The meeting was concluded with formal vote of thanks from HoD, Civil Engineering. He praises all members for their hard work and for attending the meeting on a very short notice.

Signature of Members



Mr. Zishan Aslam (A.P)



Mr. Pervez Alam (A.P)



Dr. Ram Singh (A.P, Applied science)



Mr. Khalil Ahmed (A.P, HoD CSC)



**Head Dept. Of CE
SoET, BGSB University
Rajouri**

Copy to

1. Dean SoET for Information
2. Head CE for Information
3. Person Concern
4. Office Copy



Department of Computer Science & Engineering
School of Engineering & Technology
BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI (J & K) - 185234

Ph. No/Fax No: - 01962-241016

No. BGSBU/DCSE/15/299

Date: 16/09/2015

**Minutes of Board of Studies Meeting for CSE held in the Conference Hall of CoET on 16th
September 2015.**

The meeting of Board of Studies for CSE was held in the conference hall of CoET on 16/09/2015.
Those present in the meeting included:

Prof. M. Asger (Convener), Dean and Principal, CoET

Mr. Malik Mubasher Hassan, Head & Assistant Professor, ITE

Mr. Khalil Ahmed, Head & Assistant Professor, CSE

Mr. Amit Dogra, Assistant Professor, CSE

Mr. Rukhsana Thaker, Lecturer, CSE

The following points were discussed and resolved in the meeting:

Syllabus for Cloud Computing & Artificial Intelligence

The syllabus for Cloud Computing and Artificial Intelligence that was being taught in the department till 2015 needed some minor modifications and changes as per the feedback of the students. The matter was discussed threadbare and the following modifications were suggested:

- The current Syllabus of Artificial Intelligence (CSE-832) requires some updation to enable our students to meet and compete with the evolving trends and techniques in Artificial Intelligence (CSE-832), and to make them industry ready.
- Cloud Computing (CSE-841) course contents also require introduction to new concepts and techniques.

Department of Computer Science & Engineering

School of Engineering & Technology

BABA GHULAM SHAH BADSHAH UNIVERSITY

RAJOURI (J & K) - 185234

Ph. No/Fax No: - 01962-241016

No. BGSBU/DCSE/15/

Date: _____

The proposed syllabus for Artificial Intelligence (CSE-832) and Cloud Computing (CSE-841) was discussed with all the above mentioned members, and it was decided to do the necessary modifications in the contents of the above two subjects.

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





Department of Computer Sciences & Engineering
College of Engineering & Technology, BGSB University

No.: COET/12/999
Dated: 22/11/2012

Minutes of Board of Studies meeting for CSE held in the Conference Hall of CoET on 21-11-2012

The third meeting of Board of Studies for CSE was held in the conference Hall of CoET on 21-11-2012. Those present in the meeting included:

- Prof. M. Asger (Convener)
- Prof. Mohammad Sarosh Umar (Subject Expert)
- Mr. Waseem Jeelani Bakshi
- Mr. Muhammad Shukiel Dar
- Mr. Malik Mubasher Hassan
- Mr. Vaseem Ahmad Shahnaz
- Mr. Khalil Ahmed
- Mr. Amit Dogra
- Mr. Nipun Bakshi
- Ms. Rukhsana Thaker

M. S. Umar

The following points were discussed and resolved in the meeting:

Syllabus for CSE (2012-2016):

The syllabus that was being taught in the department till 2011 needed some modifications and changes. The matter was discussed threadbare and the following modifications were suggested:

- A separate paper on Basic Mechanical Engineering which should include concepts of Thermodynamics, Fluid Mechanics etc. may be incorporated in the first year. The slot may be created by removing the subject 'Communication Skills-II' and incorporating presentations/seminar talks in the theory as well as the lab courses in later semesters.
- Environmental Sciences may be taught as a separate subject, if possible, and not as part of Eng. Chemistry.

Waseem Jeelani Bakshi *Ahmed* *M. S. Umar* *M. S. Umar* *Rukhsana Thaker* *M. S. Umar*



Department of Computer Sciences & Engineering
College of Engineering & Technology, BGSB University

No.:
Dated:

- CSE-326 (Operating System) may be shifted to later semester and may be taught after concepts of memory management have been covered in other courses. As an alternative, it may be swapped with CSE-424 (Object Oriented Programming).
- CSE-626 (Computer Graphics & Multimedia) may be renamed as Computer Graphics. The subject of Multimedia Technologies and Systems may be taught as a separate course in electives.
- CSE-426 (Internet & Web Technology) should not run concurrently with Computer Networks and may be taught after the concepts of computer networks have been covered. As a suggestion, it may be swapped with CSE-626 (Computer Graphics) along with their respective labs.
- The lab for Cryptography and Network Security (CSE-633) may be replaced with a Mini-Project.
- Keep Industrial training as CSE-733.
- The Final Semester Project CSE-821 may be expanded so that the work may start in the VII Semester itself. Introduce Major Project Phase I in 7th semester and the students should be asked to do preliminary study of their project including topic selection, its feasibility report, literature survey, its modeling, design, etc. and they may submit a project report at the end of VII Semester. Moreover, there should be a feedback system wherein the project work should be evaluated on monthly basis and the progress should be monitored. Phase II of the Project may be covered in the VIII Semester.
- The number of electives should be increased in the course structure. Some of the present core subjects may be converted into Departmental Electives. It is suggested that two electives may be floated in each of the VII and VIII Semesters, respectively.
- Subjects like E-Commerce, E-Governance, Mobile Computing, Android OS, Cloud Computing, Human-Computer Interaction, etc may be introduced as elective courses and may be floated subject to availability of staff.
- Syllabus contents of CSE-754 (Display System Engineering) may be augmented to include topics like stereovision, etc.
- Concept of Open Elective Courses may be introduced in 3rd year. Computer Science & Engineering branch may design a course which will include introduction to topics like Computer Networks, Databases, Software Engineering, etc which can be floated as an elective for all the students of B.Tech in 3rd year. This would help in broadening the horizons of the students of other branches of engineering as well as would help in the optimal resource sharing in terms of infrastructure and faculty. Likewise Electronics Engineering Department may be requested to float Open Electives in the areas of VLSI, Advanced Microprocessors etc.

www.bgsbu.org

Waseembakshi@gmail.com

(Handwritten signatures)



Department of Computer Sciences & Engineering
College of Engineering & Technology, BGSB University

No.:

Dated:

Structure of the Syllabus:

It was suggested that one column may be incorporated after course code titled Course Category which will reflect the type of the course such as DC (Departmental Core), DE (Departmental Elective), OE (Open Elective), BS (Basic Sciences), HM (Humanities) etc.

Distribution of Marks:

It was proposed that there should be no marks for attendance. However, a student should earn 75% attendance to gain eligibility for appearing in the end semester examination for a particular course. In addition to this there should be two internal assessment tests (cyclic tests/minor tests) of 15 marks each and two assignments of 5 marks each.

In addition to the above it was also proposed by the hon'ble expert that the college should strive to introduce grading system for evaluation as is the standard practice worldwide. The students (final year students in particular) should be encouraged to take up projects which will have utility in the university itself like developing university website, automation software, ERP etc. Moreover, the students should be regularly engaged in personality development tasks like presentations, seminars, etc which will enhance their communication, leadership and presentation skills.

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

www.bgsbu.org

Waseembakshi@gmail.com

(Handwritten signatures)

Department of Electrical & Renewable Engineering

Board of Studies meeting held on 10th September 2012 in the Conference Hall of the College of Engineering & Technology BGSBU. Following members were present in the meeting.

1. Prof. M. Asghar , Principal COET
2. Prof. Majid Jameel, Department of Electrical Engineering Jamia Millia, Delhi.
3. Prof. A. A. Zargar , Department of Electrical Engineering NIET Srinagar.
4. Mr. Tassaduq Hussain Head of Department of ERE,COET, BGSBU
5. Mr. Shukiel Dar Head of Department ECE, COET,BGSBU
6. Mr. Malik Younis Ahmed, Deptt of ERE
7. Mr. Sufi Umar Farooq, Deptt of ERE
8. Mr. Mohammed Iqbal Dar, Deptt of ERE

Various points discussed were as

| S. No. | Agenda Points | Justifications |
|--------|---|---|
| 1. | The members of the BOS has stressed that the nomenclature of the branch Electrical & Renewable Engineering may be changed to the Electrical Engineering | Most of the public service commissions of various states do not accept present title in their recruitment policy. |
| 2. | Two communication skills papers (I&II) may be merged into one. | Some of the core papers related to the electrical engineering are left out. |
| 3. | Review the title of basic electrical to basic electrical engineering | Standard title accepted all over. |
| 4. | Credit point's column may be added and striking off the duration of exam in course structure. | Standard practice to be adopted |
| 5. | Title of Engineering Chemistry to be revised as Engineering Chemistry and Environmental Science. | More suitable title. |
| 6. | Breakup of Internal Assessment marks (40) to be revised as follows: i) Cyclic Test 1 = 15 marks ii) Cyclic Test 2 = 15 marks iii) Assignment + Attendance = 10 marks | More transparency in students assement and better way for preparing external exams. |
| 7. | Moderation of external papers may be allowed upto 20% | Keeping in view the total external examination system. |
| 8. | Thermodynamics paper to be introduced in 2 nd semester instead of communication skill - II | Core paper which the students of electrical engineering must know. |
| 9. | Add to the existing syllabi to the non electrical streams the basic principles and emf equation of the DC & AC machines. | To familiar the students of other branches about basic principles of various machine which they may see in their day to day life. |
| 10. | Remove application of Network theorems applicable to ac circuits from unit Iv of Basic Electrical Engineering. | As the same is repeated in the 3 rd semester in Network analysis & synthesis |
| 11. | Include the experiments regarding ratio test and basic principle of 1phase transformer in basic Electrical Engineering Lab. | Basic application of transformers and machines to be introduced in practicals. |
| 12. | Introduce fluid mechanics instead of ERE-424 in the fourth semester. | Fluid mechanics has more relevance to electrical engineering when it comes to field applications. |

M. Asghar *M. Asghar*
11/09/12

| | | |
|-----|--|--|
| 13. | Elaborate the syllabi unit wise. | So that the external paper setter may able to easily set the question paper. |
| 14. | Introduce study of 3phase transformers and their connections (Star delta),measurement of power & scott connection in electrical machines- I lab | To cover wider applications of Electrical Engineering |
| 15. | Load characteristics of series motor instead of Swinburne's test in electrical machine -I lab. | Same above |
| 16. | Mention publisher names in the recommended books. | |
| 17. | Rearranging of the various units of electrical machine II. | For proper sequencing |
| 18. | Divide electrical measurement & Instrumentation of IV semester into 2 separate papers I,e Measurement - I for IV semester and Measurement - II for 6 th semester . Separate syllabi to be framed for Measurement -I and Measurement - II. | In view that most important measuring instruments have been left out of the course presently taught. |
| 19. | Introducing of some experiments of 1phase induction motors in Electrical Machine Lab-II | Must to be done at this level. |
| 20. | 5 th unit of Power System - I to be renamed as Mechanical Design & Corona. | Mechanical design portion is introduced in this unit. |
| 21. | Introduction of one unit of 8086 microprocessor in the paper of Microprocessor & interfacing in semester V. | Modern trends of the sophisticated microprocessors to be introduced. |
| 22. | Syllabi of communication system in sem V modified completely by the members on spot. | Present syllabus was not appropriate for electrical people. |
| 23. | Except ERE-424 (Non conventional energy sources) all the papers pertaining to renewable energy to be deleted. The syllabi of ERE -424 was also completely reframed and title may also be changed to Renewable energy sources. | As the syllabi of various papers were just the repetition of already taught topics. |
| 24. | ERE-525 to be replaced by ERE-622 and the syllabi of ERE-622 was modified on spot by the members. | As Deemed suitable by the experts in context to electrical Engg. |
| 25. | Measurement -II to be introduced in 6 th semester to be given course code as ERE-622 | Left out topics covered in measurement paper. |
| 26. | Power system II syllabi were modified by the members. | |
| 27. | Elaborate the unit II of ERE-625 | For better understanding of topics in context to external exams |
| 28. | Unit-II of Power system - III to be kept upto Newton Raphson method and rest to be deleted. | Syllabi was lengthy in reference to teaching hours |
| 29. | Marks for Minor project & Industrial training (ERE-733) to be increased from present 50 to 100 marks. And breakup to be followed as: i) Minor project ; 50 Marks ii) Industrial Training : 50 Marks | As deemed suitable by members in context to AICTE requirements |
| 30. | The total marks for Major project to be kept at 400 marks (Instead of present 750) and breakup to be followed as : i) Internal Assessment : 250 ii) External Assessment : 150 | Same as above |
| 31 | Seminar to be included in 8 th semester with the weightage of 100 Marks. | Same as above |

In addition to above points the members of BOS have given some valuable suggestions as:

1. The evaluation system of Major Project to be made more comprehensive and accountable. Ready made projects should not be accepted at all. A mid semester evaluation should be executed by the mentors. A joint evaluation should be executed where one member from college and one from industry should properly assess the credibility of the project.

M. J. J.
11/09/12

M. J. J.

2. Students should be encouraged to carry out the minor projects like string efficiency panel / transmission line model etc which will help students as well as can be placed in the labs.
3. The procurement of various lab instruments to be expedited.
4. Faculty Orientation program on MATLAB may be organised

1. Prof. M. Asghar , Principal COET
2. Prof. Majid Jameel, Department of Electrical Engineering Jamia Millia, Delhi. *Majid Jameel*
3. Prof. A. A. Zargar , Department of Electrical Engineering NIET Srinagar. *A. A. Zargar*
4. Mr. Tassaduq Hussain Head of Department of ERE, COET, BGSBU
5. Mr. Shukiel Dar Head of Department ECE, COET, BGSBU
6. Mr. Malik Younis Ahmed, Deptt of ERE *Malik Younis Ahmed*
7. Mr. Sufi Umar Farooq, Deptt of ERE
8. Mr. Mohammed Iqbal Dar, Deptt of ERE

Musir Dar
11/5/12

As
(Dr. Aijaz Ah. Zargar)

Musir Dar



Baba Ghulam Shah Badshah University Rajouri (J&K)

The Principal
College of Engineering & Technology
BGSB University
Rajouri

No. BGSBU/Acad/16/III-118
Dated: 13-2-2016

Sir,

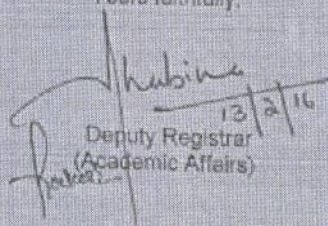
On the basis of the direction of Secretary, University Grants Commission, Hon'ble Vice Chancellor has been pleased to approve incorporation of a few topics on the "II effects of Fireworks and upkeep of clean environment" in Course Nos. CE-126, ERE-126, ECE-226, CSE-226, & ITE-226, Course Title: Engineering Chemistry & Environmental Science. The additions have been made in Unit-I of Syllabi of B. Tech CE & EREE and Unit-II of B. Tech ECE, CSE & ITE.

Copies of the modified versions attached herewith for your information and record. The modification made may be communicated to Boards of Studies in different streams and Academic Council as and when they meet.

Please furnish copies of the modified syllabi to the students and concerned class teachers for execution.

Thanking you.

Yours faithfully,


13/2/16
Deputy Registrar
(Academic Affairs)

Copy to:

- (i) Controller of Examinations
- (ii) Head, Department of Civil Engineering
- (iii) Head, Department of Computer Science Engineering
- (iv) Head, Department of Information Technology
- (v) Head, Department of Electronics & Communications Engineering
- (vi) Head, Department of Electrical & Renewable Energy Engineering
- (vii) Office file

Note

In view of the growing menace of Fire Works in all parts of the country the UGC desires to create awareness in the Society about the ill effects caused by their use to the environment. In this context the Secretary, U.G.C has addressed D.O No. 14-26/2015 (CPP-II) dated 15-12-2015 (Annexure. I) to the Hon'ble Vice Chancellor for

- Inclusion of "module on ill-effects of fireworks in the paper of Environment Studies which has to be compulsorily studied by all students as per UGC direction vide D.O No. F. 13-1/2000 (EA/ENV/COS - I) dated 30th March 2015".
- "Organize forums, discussions and presentations related to hazards of fireworks and ways of reducing them"
- "Depute student groups and /or teachers to undertake educative workshop/lectures/presentations in schools and colleges in surrounding areas".

The letter was discussed with Ms Mamta Bhat, Assistant Professor, School of Biosciences & Biotechnology who holds Masters Degree in Environmental Sciences and has also qualified NET in Environmental Sciences. Apart from her teaching assignments in School of Biosciences & Biotechnology she has taught Environment Science to undergraduate classes in the College of Engineering for several years and is now teaching this subject in the Department of Arabic.

The concerned teacher has proposed inclusion of a few topics on Fireworks in the existing syllabi of Environmental Sciences in B -Tech and B.A Arabic (Hons) programmes. The existing and modified versions of the syllabi are placed across as Annexures. II & III.

Since the meeting of Boards of Studies in these academic programmes cannot be held now the Competent Authority may consider incorporation of these topics in the syllabi of the two programmes and authorise the addition under Statute 3 of university Act- section 8 (3).

If approved, the UGC will be informed as the U.G.C Secretary has desired

Dean Academic Affairs

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10/2/16

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Vice Chancellor

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10/2
Matters may be referred to in next meeting.

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DR: 2 points concerned & report to be...

Minutes of meeting of the board of studies in the Department of Information Technology & Engineering held on 14th of September, 2012

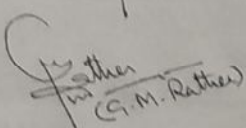
Members Present:

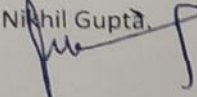
- | | | |
|------------------------------|----------------------|-------------------|
| 1. Mr. Malik Mubasher Hassan | Head, Dept. of ITE | (Chairman) |
| 2. Prof. G M Rather | Prof NIT Srinagar | (External member) |
| 3. Mr. Nipun Bakshi | Asst. Professor, ITE | (Member) |
| 4. Mr. Nikhil Gupta | Asst. Professor, ITE | (Member) |
| 5. Mr. Manmeet Singh | Asst. Professor, ITE | (Member) |

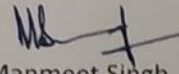
In the meeting the entire course scheme was discussed and following was done;

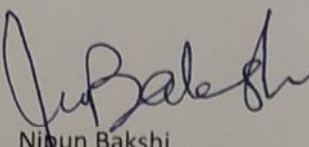
- Nomenclature of Branch:** Presently ITE and ITTE branch names are used for ongoing batches as published in subsequent information bulletins. Keeping in view the job opportunity in J&K, it was suggested and proposed that the most appropriate name should be:
 - B. Tech Information Technology & Communication Engineering (ITCE) or
 - B. Tech Information & Communication Technology (ICT)
- Revision of syllabus:** The syllabus was discussed in detail and new syllabus was formulated. The structure of syllabus is given in **annexure-I** and the detailed syllabus are given in **annexure-II**.
- Some new courses were introduced and some of the courses were rearranged and approximately 25% of the syllabus is changed in context with the existing syllabus.
- Distribution of marks of the major project in the 8th semester is changed (**annexure-I**).
- The members deliberated upon the suggestion of offering at least two theory subjects at 8th semester level in addition to the major project and same is recommended to academic council. The members also decided to carry out major project work in house so that teachers will develop the expertise of guiding the students and it will enhance their teaching skills. Accordingly it is recommended that a budgetary provision under the head B. Tech. Project may be provided in the annual budget of the Department for meeting the expenses for carrying out the projects in house.
- Prof. Rather also suggested of keeping at least two theory courses in the 8th semester in addition to major project work as is already in the existing syllabus. He also stressed of keeping the major project work in house, so that the teachers get chance to guide them and it will enhance their expertise in the subjects concerned.
- The subject code should reflect the name of department and in case of the common subjects; the code should be given from the department to which the subject belongs like Basic electrical engineering coded by ERE, Basic Electronics with ECE and Computer Fundamentals with ITE or CSE.
- Distribution of marks in the internal assessment is proposed as under:

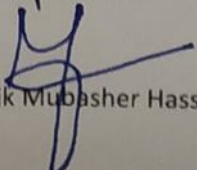
| S.No. | Component | No. | Marks | Total |
|--------------------|------------|-----|---------|-----------|
| 1. | Attendance | - | 8 | 8 |
| 2. | Assignment | 2 | 4 each | 8 |
| 3. | Test | 2 | 12 each | 24 |
| Total Marks | | | | 40 |


G.M. Rather


Nikhil Gupta


Manmeet Singh


Nipun Bakshi


Malik Mubasher Hassan



Baba Ghulam Shah Badshah University Rajouri (J&K)

The Principal
College of Engineering & Technology
BGSB University
Rajouri

No. BGSBU/Acad/16/III-118
Dated: 13-2-2016

Sir,

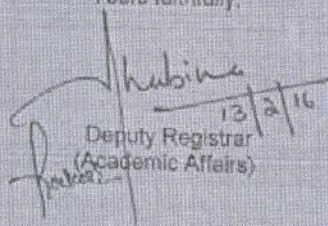
On the basis of the direction of Secretary, University Grants Commission, Hon'ble Vice Chancellor has been pleased to approve incorporation of a few topics on the "II effects of Fireworks and upkeep of clean environment" in Course Nos. CE-126, ERE-126, ECE-226, CSE-226, & ITE-226, Course Title: Engineering Chemistry & Environmental Science. The additions have been made in Unit-I of Syllabi of B. Tech CE & EREE and Unit-II of B. Tech ECE, CSE & ITE.

Copies of the modified versions attached herewith for your information and record. The modification made may be communicated to Boards of Studies in different streams and Academic Council as and when they meet.

Please furnish copies of the modified syllabi to the students and concerned class teachers for execution.

Thanking you.

Yours faithfully,


13/2/16
Deputy Registrar
(Academic Affairs)

Copy to:

- (i) Controller of Examinations
- (ii) Head, Department of Civil Engineering
- (iii) Head, Department of Computer Science Engineering
- (iv) Head, Department of Information Technology
- (v) Head, Department of Electronics & Communications Engineering
- (vi) Head, Department of Electrical & Renewable Energy Engineering
- (vii) Office file

Note

In view of the growing menace of Fire Works in all parts of the country the UGC desires to create awareness in the Society about the ill effects caused by their use to the environment. In this context the Secretary, U.G.C has addressed D.O No. 14-26/2015 (CPP-II) dated 15-12-2015 (Annexure. I) to the Hon'ble Vice Chancellor for

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If approved, the UGC will be informed as the U.G.C Secretary has desired

Dean Academic Affairs

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10/2/16

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Vice Chancellor

Handwritten notes:
10/2
Matters may be referred to in next mtg.

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DR: 2 points concerned & report to be

DEPARTMENT OF COMPUTER SCIENCES
BGSB UNIVERSITY, RAJOURI (J&K)-185131

Ref. No.: DCS/13/...37

Dated: 29.01/2013

Dated: 28.01.2013

Minutes of the Meeting

The Board of Studies meeting for discussion and deliberations on the syllabi of MCA and BCA for the year 2013-2014-2015 was held in the Seminar hall of Department of Management Studies on 28th day of January, 2013 at 11 am. The meeting was attended by the following members.

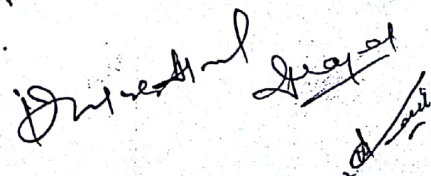
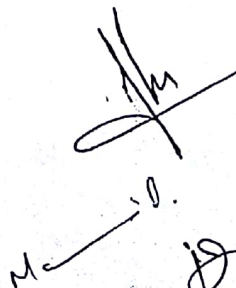
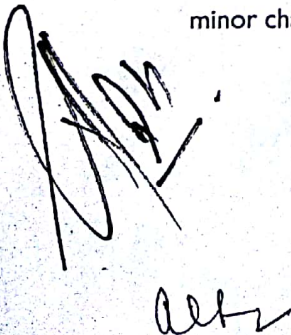
1. Professor G S Sambyal
2. Professor M. Asghar
3. Dr. Muheet Ahmed Butt
4. Mr. Qamar Rayees Khan
5. Mr. Majid B Malik
6. Dr. Sanjay Jamwal
7. Mr. Majid Ahmad
8. Mr. Mir Adil
9. Mr. Mudasir Ahmad
10. Mr. Haseeb A Khateeb

A. Agenda:

Discussion related to the amendment of curriculum of MCA syllabi for 2013, 2014 & 2015.

It was resolved by the entire committee members that it is required to make some amendments in the curriculum of the syllabi of MCA for 2013, 2014 & 2015.

Following is the curriculum structure that was deliberated upon, along with some suggestions for minor changes in the contents of the syllabi:



MCA-I Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---|--|
| 1 | MCA-131 | Mathematical Foundation of Computer Sciences | No Change |
| 2 | MCA-132 | Computer Fundamentals | MS Office related contents to be removed. Some subject introductions be introduced having relevance to the curriculum if possible. |
| 3 | MCA-133 | Operating System Concepts | No Change |
| 4 | MCA-134 | Digital Electronics | No Change |
| 5 | MCA-135 | Principles of Programming & Problem Solving using C | No Change |
| 6 | MCA-161 | Lab on MCA-134 | No Change |
| 7 | MCA-162 | Lab on MCA-135 | No Change |

MCA-II Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|--------------------------------------|---|
| 1 | MCA-231 | Object Oriented Analysis & Design | No Change |
| 2 | MCA-232 | Computer Organization & Architecture | No Change |
| 3 | MCA-233 | Data Communication | No Change |
| 4 | MCA-234 | RDBMS | Some dilution be made if possible. Make unit V as unit IV and IV Unit as last |
| 5 | MCA-235 | Data & File Structure using C | No Change |
| 6 | MCA-261 | Lab on MCA-234 | No Change |
| 7 | MCA-262 | Lab on MCA-235 | No Change |

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MCA-III Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---------------------------------------|--|
| 1 | MCA-331 | Software Engineering | Topics related to Agile and extreme programming be added. Case studies be assigned as assignment or presentation in class |
| 2 | MCA-332 | Analysis & Design of Algorithm | Programs be assigned as assignment or presentation in class |
| 3 | MCA-333 | Operations Research | No Change |
| 4 | MCA-334 | Linux & Shell Programming | Needs to revised for making it more relevant towards Linux. Remove 'ed' Editor |
| 5 | MCA-335 | Object Oriented Programming using C++ | No Change |
| 6 | MCA-361 | Lab on MCA 334 | No Change |
| 7 | MCA-362 | Lab on MCA 335 | No Change |

MCA-IV Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|-------------------------------|--|
| 1 | MCA-431 | Theory of Automata | No Change, ^{theory} Title should be changed as Theory of Computation. |
| 2 | MCA-432 | Computer Networks | RFC's be assigned as assignment or presentation in class |
| 3 | MCA-433 | Elective-X | No Change |
| 4 | MCA-434 | Dot Net Technologies using C# | Needs to be revised for adding some more topics |
| 5 | MCA-435 | Computer Graphics using C++ | No Change |
| 6 | MCA-461 | Lab on MCA-434 | No Change |
| 7 | MCA-462 | Lab on MCA-435 | No Change |

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MCA-V Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|--------------------------------|--|
| 1 | MCA-531 | Data Mining & Data Warehousing | No Change/ Make 'Data Mining & Data Warehousing' as elective and bring Computer Network and security as core subject keeping in view the UGC Guidelines. |
| 2 | MCA-532 | Artificial Intelligence | No Change |
| 3 | MCA-533 | Elective-X | No Change |
| 4 | MCA-534 | Web Technology using ASP.Net | No Change |
| 5 | MCA-535 | Core Java Programming | No Change |
| 6 | MCA-561 | Lab on MCA-534 | No Change |
| 7 | MCA-562 | Lab on MCA-535 | No Change |

MCA-VI Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|------------------------------|----------------------|
| 1 | MCA-631 | a) Dissertation | No Change |
| | | b) Seminar & Progress Report | No Change |
| | | c) Comprehensive Viva Voce | No Change |

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Date

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List
E1: F
E2: Inf

Electives

| List of Electives (Elective-X) | Decision/ Suggestion |
|--|--|
| E1: Information Security | No Change |
| E2: Management Information system | No Change |
| E3: Bio Informatics | No Change |
| E4: Wireless & Mobile Communication | No Change |
| E5: Crypto graphic & Net Security | No Change/ Make 'Data Mining & Data Warehousing' as elective and bring Computer Network and security as core subject keeping in view the UGC Guidelines. |
| E6: Web Mining | No Change |
| E7: Simulation & Modeling | No Change |
| E8: Parallel & Distributing Processing | No Change |
| E9: 8086 Microprocessor | No Change |
| E10: System Programming | No Change/ To be renamed as System Software |
| E11: Software Testing | No Change |
| E12: Information Storage & Management | No Change |

B. Agenda:

Discussion related to the amendment of curriculum of BCA syllabi for 2013, 2014 & 2015.

It was resolved by the entire committee members that instead of 5 theory courses and 2 lab courses scheme it should be 4 theory courses and 2 lab courses scheme in every semester of BCA for 2013, 2014 & 2015. Moreover the syllabi needs to be diluted and deliberated keeping in view that BCA is a UG Course. Further external/ internal weightage of marks be kept 70:30 in uniformity with PG Courses.

Following is the curriculum structure that was deliberated upon, along with some suggestions for minor changes in the contents of the syllabi:

BCA-I Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|------------------------|-----------------------|
| 1 | BCA-111 | Discrete Mathematics-I | No Change |
| 2 | BCA-112 | General English | To be designed afresh |
| 3 | BCA-113 | Computer Fundamentals | No Change |
| 4 | BCA-114 | Digital Electronics | No Change |
| 6 | BCA -161 | Lab on BCA-113 | No Change |
| 7 | BCA -162 | Lab on BCA-114 | No Change |

BCA-II Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---|--|
| 1 | BCA-211 | Discrete Mathematics-II | No Change |
| 2 | BCA-212 | Communication Skills | To be designed afresh |
| 3 | BCA-213 | Principles of programming and problem solving through C | No Change in Terms of C language content, but add a unit of Data Structures. |
| 4 | BCA-214 | Database Management System | No Change |
| 6 | BCA-261 | Lab on BCA-213 | No Change |
| 7 | BCA-262 | Lab on BCA-214 | No Change |

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A large signature on the left, followed by several initials and names including "M. S.", "D. S.", and "S. S." written in cursive.

BCA-III Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---------------------------------------|-----------------------|
| 1 | BCA 311 | Basic Calculus | No Change |
| 2 | BCA 312 | Operating System Concepts | No Change |
| 3 | BCA 313 | Object Oriented Programming using C++ | No Change |
| 4 | BCA 314 | Web Technology | To be designed afresh |
| 6 | BCA 361 | Lab on BCA-313 | No Change |
| 7 | BCA 362 | Lab on BCA-314 | No Change |

BCA-IV Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|----------------------------|--|
| 1 | BCA 411 | Data Communication | No Change |
| 2 | BCA 412 | System analysis and design | No Change |
| 3 | BCA 413 | Linux Operating System | To be designed afresh |
| 4 | BCA 414 | Numerical Techniques | No Change ^{in content, paper should be named as computer based Numerical Analysis using C.} |
| 6 | BCA 461 | Lab on BCA-413 | No Change |
| 7 | BCA 462 | Lab on BCA-414 | No Change |

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Signatures
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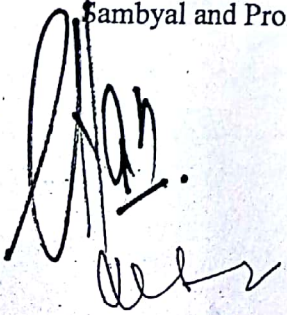
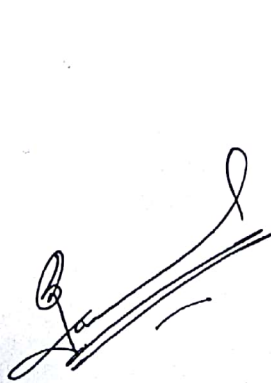
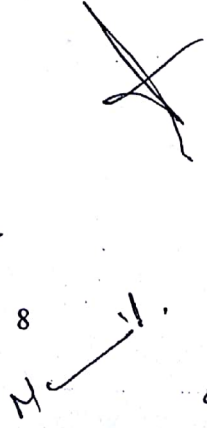
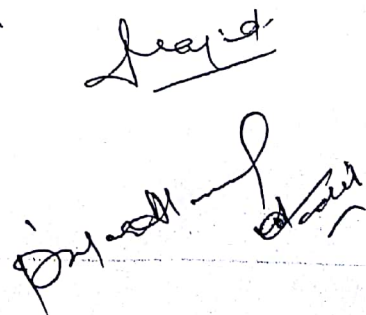
BCA-V Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|--|---|
| 1 | BCA 511 | Software Engineering | No Change |
| 2 | BCA 512 | Computer Networks & Security | To be designed afresh Keeping in view UGC Guidelines. |
| 3 | BCA 513 | Computer Graphics | No Change in content, paper should be named as computer graphics using C. |
| 4 | BCA 514 | Elective E1: Dot Net Technologies E2: Java Programming | To be designed afresh |
| 6 | BCA 561 | Lab on BCA-513 | No Change |
| 7 | BCA 562 | Lab on BCA-514 | No Change |

BCA-VI Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|-----------------------------|----------------------|
| 1 | BCA-611 | a) Dissertation | No Change |
| | | b) Academic Project Seminar | No Change |
| | | c) Project Viva Voce | No Change |

The meeting concluded with thanks to the members of the committee, particularly Prof G S Sambyal and Prof M Asghar Ghazi.

Signatures

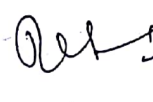
1. Professor G. S. Sambyal



2. Professor M. Asger

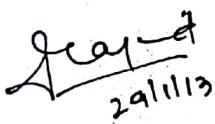


3. Mr. Qamar Rayees Khan



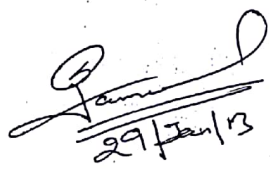
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4. Mr. Majid B Malik



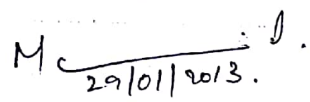
29/1/13

5. Dr. Sanjay Jamwal



29/Jan/13

6. Mr. Majid Ahmad

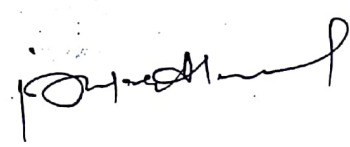


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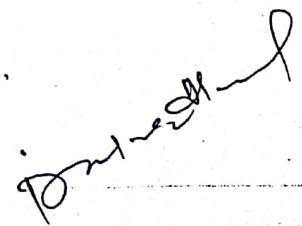
7. Mr. Mir Adil



8. Mr. Mudasir Ahmad



9
M. S. J.





Baba Ghulam Shah Badshah University Rajouri (J&K)

The Head
Department of Computer Sciences
BGSB University
Rajouri

No. BGSBU/Acad/13/1980-87
Dated: January 23, 2013

Subject: Meeting of Board of Studies in BCA & MCA.

Sir,

This is to inform you that the meeting of Board of Studies in the Department of Computer Sciences has been fixed for January 28, 2013. The External Expert for meeting is coming from Jammu.

You are requested to intimate all the faculty members of your Department and ensure their participation in the proceedings of the meeting.

Thanking you.

Yours faithfully,

Assistant Registrar
(Academic Affairs)



Baba Ghulam Shah Badshah University Rajouri – 185131 (J&K)

University Notification No. 02 of 2013 Dated: January 23, 2013

As provided under Statute 12 (3) of the Statutes of the Board of Studies, the Board of studies for School of Mathematical Sciences & Engineering is hereby notified.

1. Department of Computer Sciences

1. Prof. Mohammad Asger
2. Mr. Qamar Rayees Khan
3. Dr. Sanjay Jamwal
4. Prof. G. S. Sambyal

2. Department of Information Technology

1. Prof. Mohammad Asger
2. Mr. Tasleem Arif
3. Mr. Ed Gowhar
4. ~~Dr.~~ Muheet Ahmed Butt

3. Department of Applied Mathematics

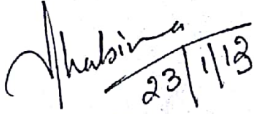
1. Prof. Mohammad Asger
2. Dr. Zaheer Abbas
3. Dr. Javid Iqbal
3. Prof. A. P. Singh

Sd/-
Dean Academic Affairs

No. BGSBU/Acad/13/1982-87
Dated: 23-1-2013

Copy to:

1. Dean, School of Mathematical Sciences & Engineering
2. Special Secretary to Hon'ble Vice Chancellor for kind information of Hon'ble Vice Chancellor
3. Head, Department of Information Technology
- ✓ 4. Head, Department of Computer Sciences
5. Head, Department of Applied Mathematics
4. Deputy Registrar Finance
5. All concerned
6. Office copy


23/1/13
Assistant Registrar
(Academic Affairs)



Baba Ghulam Shah Badshah University Rajouri (J&K)

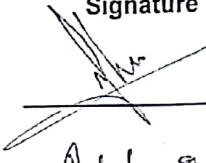
BOARD OF STUDIES

Meeting of Board of Studies of BCA, B. Sc. IT, M. Sc. IT and MCA held on January 28, 2013.

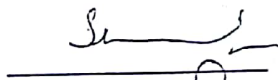
Following members attended the meeting:


1. Prof. Mohd Asger
2. Mr. Qamar Rayees Khan
3. Mr. Tasleem Arif
4. Dr. Sanjay Jamwal
5. Mr. Ed. Gowhar
6. Prof. G. S. Sambyal
7. Dr. Muheet Ahmed Butt
8. Mr. Majid Bashir Malik
9. Mr. Vinod Sharma
10. Mr. Ahtsham Malik
11. Mr. Majid Ahmed
12. Mr. Mir Adil
13. Mr. Mudasir Ahmed Mantoo

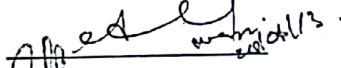
Signature

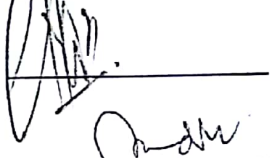


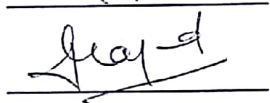
28/01/2013

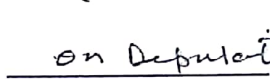


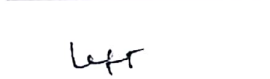





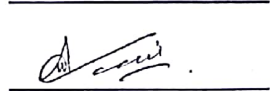


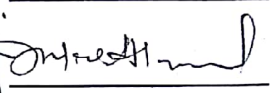








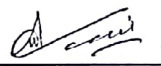


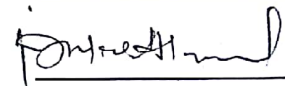


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Minutes of Meeting

A meeting of Board of Studies was held on 20th of January at 10:30am in the Department of Computer Sciences to discuss and deliberate on the curriculum structure and syllabi of M.Sc. Computer Science and MCA under the chairmanship of Professor M Asger, Dean School of Mathematical and Computer Science, BGSBU.

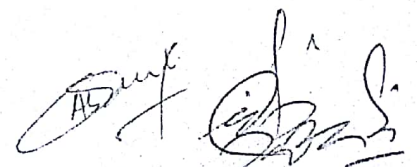
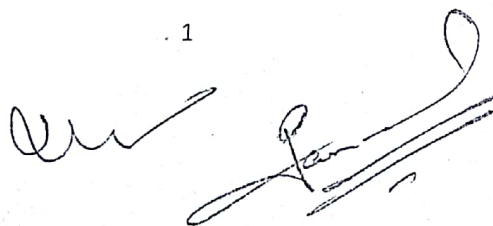
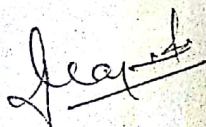
Following members attended meeting of Board of Studies:

1. Professor Vinod Sharma, Head Department of Computer Science and Information Technology, University of Jammu (Member Expert),
2. Mr. Qamar Rayees Khan, Head Department of Computer Science, BGSBU & Member BOS,
3. Mr. Majid B Malik, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS,
4. Dr. Sanjay Jamwal, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS,
5. Mr. Muzaffar Ahmad, Lecturer, Department of Computer Science,
6. Mr. Abdul Quayoom, Lecturer, Department of Computer Science,
7. Mr. Syed Fayek Jeelani, Lecturer, Department of Computer Science.

The meeting started with threadbare discussion on curriculum of the syllabus and thereafter each and every syllabus was discussed and deliberated.

Various points resolved during the discussion related to the curriculum are as follows:

1. 'Mathematical Foundation of Computer Sciences' with course code MC-141 be renamed as 'Mathematical Foundation of Computer Science',
2. 'Operating System Concepts' with course code MC-143 be renamed as 'Operating Systems'
3. 'Lab on Computer Fundamentals' with course code MC-171 be renamed as 'Lab 1: PC Software',



4. 'Lab on C Programming' with course code MC-172 be renamed as 'Lab 2: C Programming'
5. 'Computer Organization & Architecture' with course code MC-242 be renamed as 'Computer System Architecture'
6. 'Data and File Structure using C++' with course code MC-243 be renamed as 'Data and File Structures using C++',
7. 'Lab on C++' with course code MC-271 be renamed as 'Lab 3: C++'
8. 'Lab on Data and File Structure using C++' with course code MC-272 be renamed as 'Lab 4: Data and File Structures using C++'
9. 'RDBMS' with course code MC-343 be renamed as 'Relational Database Management System',
10. 'Core Java Programming' with course code MC-344 be renamed as 'Java Programming',
11. 'Lab on RDBMS' with course code MC-371 be renamed as 'Lab 5: Relational Database Management System'
12. 'Lab on Core Java Programming' with course code MC-372 be renamed as 'Lab 6: Java Programming',
13. 'Minor Academic Project' with course code MC-443 be renamed as 'Minor Project'.
14. 'Information Storage and Management' with course code MC-448 be renamed as 'Data Storage and Management',
15. 'Lab on Dot Net Technologies using C#' with course code MC-471 be renamed as 'Lab 7: Dot Net Technologies using C#',
16. One more course 'Cloud Computing' be added to the list of Choice based complimentary electives of Semester V.
17. 'Web Technology using ASP.Net' with course code MC-543 be renamed as 'Web Technologies',
18. 'Data Mining and Data Warehousing' with course code MC-544 be renamed as 'Data Warehousing and Data Mining',

19. 'Parallel and Distributed Processing' with course code MC-545 be renamed as 'Parallel and Distributed Computing'
20. In place of '8086 Microprocessors', Compiler Design be inducted with same course code i.e. MC-547,
21. One more course 'Big Data Analytics' be added to the list of Choice based complimentary electives of Semester-V
22. The name of the Semester V project work and code shall be as under:

Course Code: MC-641

Course Title: Major Project

Credits: 24

Total Marks: 600
23. The division of components and marks of the course code MC-641 in Semester VI shall be as follows:

| Components | IA | UE |
|--------------|------------|------------|
| Project Work | - | 100 |
| Presentation | 100 | 150 |
| Viva Voce | 100 | 150 |
| Total | 200 | 400 |

Following is the list of suggestions that were proposed as far as contents of the syllabi are concerned:

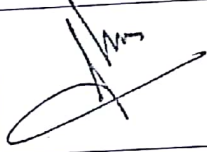



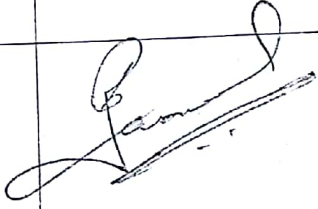
1. Basic concepts of System Analysis and Design like System definition, SDLC, Feasibility Study, etc. be added to the course code MC-241: Software Engineering and Unit-V of the same syllabi be diluted.
2. The title of the Unit-V of course code MC-448: Data Storage and Management be renamed as 'Data Storage on Cloud' and contents be adjusted.

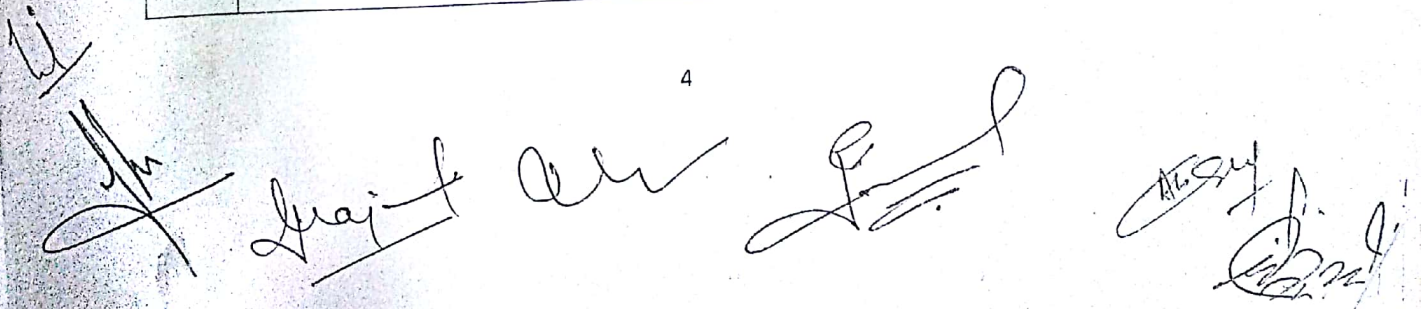
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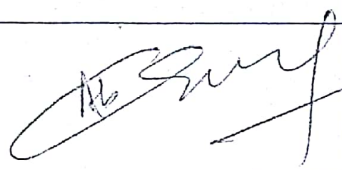
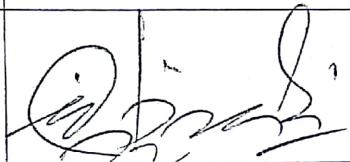
3. In Unit-III of course code MC 343: Relational Database Management Systems detailed concept of Normalization be added as has been done in the syllabus of MIT of same course.
4. The title of Unit-IV of course code MC 343: Relational Database Management Systems be renamed as 'Concurrency',
5. 'Types of Cursors' to be removed from unit-V of course code MC 343: Relational Database Management Systems,

The points were taken positively and changes as suggested by the board shall be made as soon as possible and submitted for further necessary action.

The meeting ended with thanks to the chair.

| S.No | Name of the Member | Signature |
|------|--|---|
| 1 | Professor M Asger, Dean School of Mathematical and Computer Science, BGSBU. |  |
| 2 | Professor Vinod Sharma, Head Department of Computer Science and Information Technology, University of Jammu. (Member Expert) |  |
| 3 | Mr. Qamar Rayees Khan, Head Department of Computer Science, BGSBU & Member BOS. |  |
| 4 | Mr. Majid B Malik, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS. |  |
| 5 | Dr. Sanjay Jamwal, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS. |  |



| | | |
|---|---|---|
| 6 | Mr. Muzaffar Ahmad, Lecturer, Department of Computer Science. | |
| 7 | Mr. Abdul Quayoom, Lecturer, Department of Computer Science. |  |
| 8 | Mr. Syed Fayed Jeelani, Lecturer, Department of Computer Science. |  |



Baba Ghulam Shah Badshah University Rajouri – 185131 (J&K)

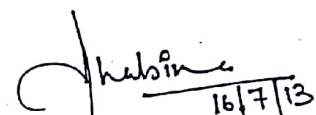
UNIVERSITY NOTIFICATION NO: 07 OF 2013 DATED: 16-07-2013

As approved by Hon'ble Vice Chancellor in anticipation of confirmation by Academic Council, the Curriculum Structure and Syllabi of Bachelor of Computer Applications (BCA), Bachelor of Information Technology (B. Sc. IT), Masters in Computer Applications (MCA), Masters of Information Technology (M. Sc. IT) and Masters in Arabic (MAR) are hereby notified for information of all concerned.

Incase deemed necessary any modifications in the notified Syllabi shall be made only after the completion of the life of the syllabi being notified.

Sd/-
Dean Academic Affairs

No.: BGSBUR/Acad/13/1408-18
Dated: 16-7-2013


16/7/13
Assistant Registrar
(Academic Affairs)

Copy to:

1. S.S. to Hon'ble Vice Chancellor for kind Information of Hon'ble Vice-Chancellor
2. Secretary to Academic Council (Registrar)
3. Controller of Examinations (along with syllabus copy)
4. Dean Academic Affairs
5. Dean, School of Mathematical Sciences and Engineering
6. Head Department of Arabic (along with syllabus copy)
7. Assistant Controller of Examinations for information and necessary action.
8. Incharge Head, Department of Computer Science (along with syllabus copy)
9. Incharge Head, Department of Information Technology (along with syllabus copy)
10. All concerned
11. Office copy



Dava Ghulam Shah Badshah University Rajouri – 185234 (J&K)

UNIVERSITY NOTIFICATION NO: 07 OF 2017 DATED 26-4-2017

As approved by Hon'ble Vice Chancellor, the Syllabi and Course Schemes of MBA, MBA – H&T, MCA & MCS, M. Ed., M.A. Economics, M.A.English, M.A. Arabic, M.A. Urdu, M. Sc. IT, M.Sc. Botany, M.Sc. Zoology, M.Sc. Mathematics, M.Sc. Mathematics (Spl. in Applied Mathematics), Diploma in Front Office, House Keeping, Food & Beverage Services and B. A. Arabic (Hons.) are hereby notified for information of all concerned.

The approval has been accorded by the Competent Authority under the powers vested in him by Statute - 2, 3 (5) of the University Calendar, Volume – I, Page No. 29. The Action taken shall be reported to the Academic Council for confirmation.

The life of all the Syllabi is 3 years i.e. 2017-18, 2018-19 & 2019-2020.

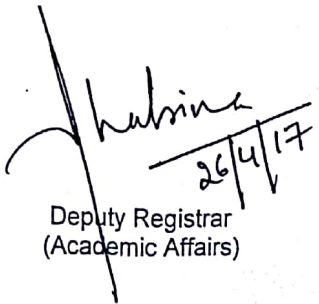
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Sd/-
Registrar

No:BGSSBU/Acad/280-90
Dated: 26-4-2017

Copy to:

1. Special Secretary to Hon'ble Vice Chancellor for the kind information of Hon'ble Vice Chancellor
2. Dean Academic Affairs
3. Controller of Examinations
4. Joint Registrar
5. Dean, School of Mathematical & Computer Sciences
6. Dean School of Biosciences & Biotechnology
7. Dean, School of Management Studies
8. All Heads of the Departments
9. Deputy Controller of Examinations
10. All Concerned
11. Office copy


26/4/17
Deputy Registrar
(Academic Affairs)

**University Polytechnic, Baba Ghulam Shah Badshah University
Rajouri**

Minutes of Board of Studies

The Board of Studies meeting for syllabus revision of various departments of University Polytechnic Baba Ghulam Shah Badshah University Rajouri viz. Civil Engineering, Mechanical Engineering, Electrical Engineering and Electronic and Communication Engineering for academic year 2015-2016 to 2017-2018 was convened on 20th May 2015 in the meeting hall of University Polytechnic. The following members were present during the meeting.

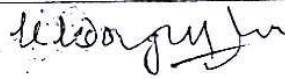
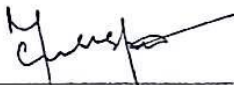


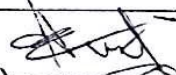
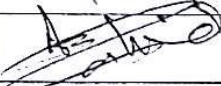
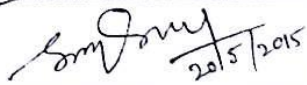
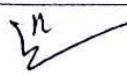

| S. No. | Member Name | Designation |
|--------|---------------------------|---|
| 01 | Col. K K Dogra | Principal, University Polytechnic BGSBU |
| 02 | Mr. Mubashir Hassan Malik | Head of Department Information Technology Engineering, BGSBU |
| 03 | Mr. Aijaz Ahmad Mir | Assistant Professor Civil Engineering BGSBU |
| 04 | Mr. Shafqat Nabi Mughal | Assistant Professor Electrical and Renewable Engineering BGSBU |
| 05 | Mr. Arshid Ahmad | Assistant Professor Electronics and Communication Engineering BGSBU |
| 06 | Mr. Abdul Rashid Dar | Lecturer Mechanical Engineering BGSBU |
| 07 | Mr. Showket Maqbool | Lecturer Civil Engineering University Polytechnic BGSBU |
| 08 | Mr Rafiq Ahmed | Lecturer Electrical Engineering University Polytechnic BGSBU |
| 09 | Mr Amit Dusgotra | Lecturer Electronics and Communication Engineering University Polytechnic BGSBU |

A threadbare discussion was held on the syllabi and later following proposals were put forward by the Board of Studies members.

- It was suggested to incorporate the course outcomes and program outcomes in the syllabi for each subject in the standard format.
- The board endorsed to make minor changes in some areas of syllabi in certain courses.

- The units in the syllabi were keenly revised in accordance with criteria of the Jammu and Kashmir Technical Board by restructuring and modifying the syllabi.
- It was also suggested that the involvement of students towards extra-curricular activities must be encouraged.
- The frequent conduct of Seminars/ Workshops/ Symposium/ Industrial Interactions be taken into the consideration.
- The suggestions were later accepted incorporated in the syllabi of the respective departments with the permission of respective authorities.

Finally the Principal extended vote of thanks to all the participating members for attending the meeting.

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| 04 | Mr. Shafqat Nabi Mughal, Assistant Professor ERE BGSBU |  |
| 05 | Mr. Arshid Ahmad, Assistant Professor ECE BGSBU |  |
| 06 | Mr. Abdul Rashid Dar, Lecturer ME BGSBU |  |
| 07 | Mr. Showket Maqbool, Lecturer CE University Polytechnic BGSBU |  20/5/2015 |
| 08 | Mr. Rafiq Ahmad, Lecturer EE University Polytechnic BGSBU |  20/5/15 |
| 09 | Mr Amit Dusgotra, Lecturer ECE University Polytechnic BGSBU |  20/5/2015 |

**University Polytechnic, Baba Ghulam Shah Badshah University
Rajouri**

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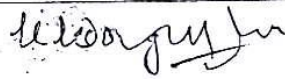
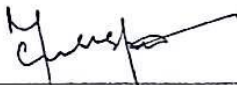


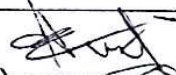
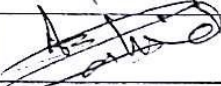
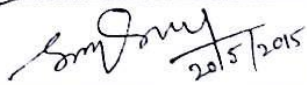
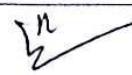

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| 09 | Mr Amit Dusgotra, Lecturer ECE University Polytechnic BGSBU |  20/5/2015 |

5) Diploma in Food & Beverage Services.

Semester I

27

Comprises of Following Courses.

| Course Code | Course Title | External | Internal | Total |
|--------------------|--|------------|------------|------------|
| DFB-101 | Introduction to Food and Beverage Services. | 60 | 40 | 100 |
| DFB-102 | Principles of Accounting. | 60 | 40 | 100 |
| DFB-103 | Communication Skills & Office Organization. | 60 | 40 | 100 |
| DFB-104 | Basics of Computers. | 60 | 40 | 100 |
| DFB-150 | Practical based on Food and Beverage Services. | 60 | 40 | 100 |
| DFB-151 | Practical on Computer Applications. | 60 | 40 | 100 |
| DFB-152 | Practical on Communication and Presentation Skill. | 60 | 40 | 100 |
| Total Marks | | 390 | 310 | 700 |

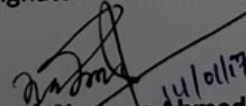
Semester II

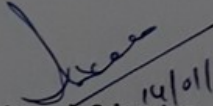
Students will undergo industrial training for 17 weeks after successful completion of training student will submit training report followed by presentation the total marks will be 500 in which 300 for external and 200 for internal.


6) Some Suggestions regarding Choice Based Open Elective Courses were made.

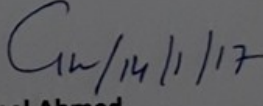
Meeting ended Positive Note.

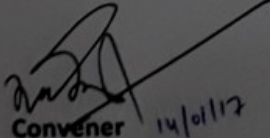
Signature of members.

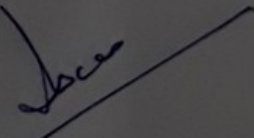

Prof. Naseem Ahmed
(Convener) 14/01/17


Mr. Nishteeth Srivastva
(Subject Expert) 14/01/17


Shri. Asrar Ghaus
(Member)


Mr. Kafeel Ahmed
(Member) 14/01/17


Convener 14/01/17
Board of Studies for Hospitality & Tourism





Centre for Hospitality and Tourism Management

12

Baba Ghulam Shah Badshah University
Rajouri, J&K 185131, INDIA

Comprises of following courses

| Course Code | Course Title | External | Internal | Total |
|-------------|--|----------|----------|-------|
| DFO-101 | Front Office operations | 60 | 40 | 100 |
| DFO-102 | Principles of Accounting | 60 | 40 | 100 |
| DFO-103 | Communication Skills & Office organization | 60 | 40 | 100 |
| DFO-104 | Basics of computers | 60 | 40 | 100 |
| DFO-150 | Front Office practical based on theory | 50 | 50 | 100 |
| DFO-151 | Practical on computer application | 50 | 50 | 100 |
| DFO-152 | Practical on communication & presentation skills | 50 | 50 | 100 |
| Total Marks | | 390 | 310 | 700 |

Semester II

Student will undergo industrial training for 17 weeks after successful completion of training student will submit training report followed by presentation the total marks will be 500 in which 300 for external and 200 for internal

Item 5,

Diploma in Housekeeping

Semester -I

Comprises of following courses

Jscce
25/6/16

25/6/16

25/06/16

25/6/16

Cu



11

Baba Ghulam Shah Badshah University
Rajouri, J&K 185131, INDIA

| Course Code | Course Title | External | Internal | Total |
|--------------------|--|----------|----------|-------|
| DHK-101 | Housekeeping operations | 60 | 40 | 100 |
| DHK-102 | Principles of Accounting | 60 | 40 | 100 |
| DHK-103 | Communication Skills & Office Organization | 60 | 40 | 100 |
| DHK-104 | Basics of computers | 60 | 40 | 100 |
| DHK-150 | Practical of Housekeeping operations | 50 | 50 | 100 |
| DHK-151 | Practical on computer Application | 50 | 50 | 100 |
| DHK-152 | Practical on communication & presentation skills | 50 | 50 | 100 |
| Total Marks | | 390 | 310 | 700 |

Semester II

Student will undergo industrial training for 17 weeks after successful completion of training student will submit training report followed by presentation the total marks will be 500 in which 300 for external and 200 for internal

Meeting ended with positive vote

Convener

Board of Studies for Hospitality & Tourism

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25/6/16

**University Polytechnic, Baba Ghulam Shah Badshah University
Rajouri**

Minutes of Board of Studies

The Board of Studies meeting for syllabus revision of various departments of University Polytechnic Baba Ghulam Shah Badshah University Rajouri viz. Civil Engineering, Mechanical Engineering, Electrical Engineering and Electronic and Communication Engineering for academic year 2015-2016 to 2017-2018 was convened on 20th May 2015 in the meeting hall of University Polytechnic. The following members were present during the meeting.

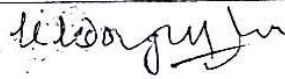
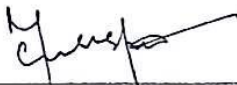



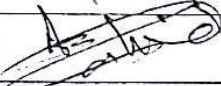
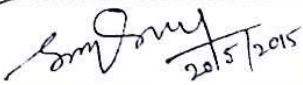
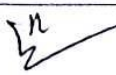

| S. No. | Member Name | Designation |
|--------|---------------------------|---|
| 01 | Col. K K Dogra | Principal, University Polytechnic BGSBU |
| 02 | Mr. Mubashir Hassan Malik | Head of Department Information Technology Engineering, BGSBU |
| 03 | Mr. Aijaz Ahmad Mir | Assistant Professor Civil Engineering BGSBU |
| 04 | Mr. Shafqat Nabi Mughal | Assistant Professor Electrical and Renewable Engineering BGSBU |
| 05 | Mr. Arshid Ahmad | Assistant Professor Electronics and Communication Engineering BGSBU |
| 06 | Mr. Abdul Rashid Dar | Lecturer Mechanical Engineering BGSBU |
| 07 | Mr. Showket Maqbool | Lecturer Civil Engineering University Polytechnic BGSBU |
| 08 | Mr Rafiq Ahmed | Lecturer Electrical Engineering University Polytechnic BGSBU |
| 09 | Mr Amit Dusgotra | Lecturer Electronics and Communication Engineering University Polytechnic BGSBU |

A threadbare discussion was held on the syllabi and later following proposals were put forward by the Board of Studies members.

- It was suggested to incorporate the course outcomes and program outcomes in the syllabi for each subject in the standard format.
- The board endorsed to make minor changes in some areas of syllabi in certain courses.

- The units in the syllabi were keenly revised in accordance with criteria of the Jammu and Kashmir Technical Board by restructuring and modifying the syllabi.
- It was also suggested that the involvement of students towards extra-curricular activities must be encouraged.
- The frequent conduct of Seminars/ Workshops/ Symposium/ Industrial Interactions be taken into the consideration.
- The suggestions were later accepted incorporated in the syllabi of the respective departments with the permission of respective authorities.

Finally the Principal extended vote of thanks to all the participating members for attending the meeting.

| S. No. | Member Name and Designation | Signature |
|--------|--|--|
| 01 | Col. K K Dogra, Principal, University Polytechnic BGSBU |  |
| 02 | Mr. Mubashir Hassan Malik, Head of Department ITE, BGSBU |  |
| 03 | Mr. Aijaz Ahmad Mir, Assistant Professor Civil Engineering BGSBU |  |
| 04 | Mr. Shafqat Nabi Mughal, Assistant Professor ERE BGSBU |  |
| 05 | Mr. Arshid Ahmad, Assistant Professor ECE BGSBU |  |
| 06 | Mr. Abdul Rashid Dar, Lecturer ME BGSBU |  |
| 07 | Mr. Showket Maqbool, Lecturer CE University Polytechnic BGSBU |  20/5/2015 |
| 08 | Mr. Rafiq Ahmed, Lecturer EE University Polytechnic BGSBU |  20/5/15 |
| 09 | Mr Amit Dusgotra, Lecturer ECE University Polytechnic BGSBU |  20/5/2015 |



Community College for Vocational Studies
(UGC Funded)
Baba Ghulam Shah Badshah University
Rajouri, j&k-185234(India)

Minutes of the meeting

The meeting of Board of studies (BOS) of the UGC Community College for vocational studies at BGSBU is convened in the conference hall of School of Management Studies on 25-06-2016 at 1.P.m.

The following members were present in the meeting.

- | | |
|---|-------------|
| 1. Shri.Asrar Ghaus. Principal Community college. | Chairperson |
| 2. Mr.Nisheeth Srivastva. Subject expert | Member |
| 3. Mr.kafeel Ahmed Nodal officer Community college | member |
| 4. Dr. Dilpazir Head Management studies | Member |
| 5. Dr.javed iqbal Assistant professor of the department | Member |
| 6. Assistant director Tourism department | member |
| 7. Manager Aashirwad Hotel | member |

The following issues were discussed and resolved.

Item 1.To considers framing of the course and syllabus for the six-month certificate course and one-year diploma course under Trade Travel and Tourism Management.

Resolved that.

The first and second semester syllabus of B.Voc degree course (Tourism management) of central university of Jammu approved by Representative of Sector Skill Council, NSDL and BOS of CU Jammu will be taken over/adopted for the six-month certificate course and one year diploma respectively offered at BGSBU Community College as already decided during BOS held at central university in presence of representative of SSC, NSDC in Jammu on 20th may 2016.

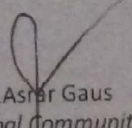
The scheme stand approved as attached.

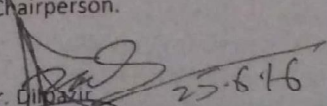
Item 2.to considers policy and procedure for admission session 2016-17 to community college.

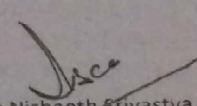
Resolved that.

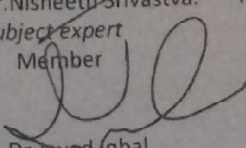
- i. To initiate the process for admission for the session 2016-17. The application forms be put to sale immediately and also uploaded on university website, along with advertisement in local and other newspapers to aware and attract candidate.

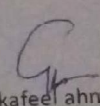
Signature of members.

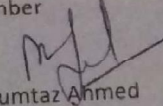

Shri. Asrar Gaus
Principal Community college.
Chairperson.

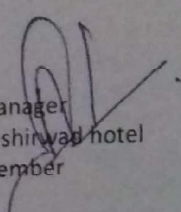

Dr. Dilpazir
Head Management studies
Member


Mr. Nisheet Srivastva.
Subject expert
Member


Dr. Javed Iqbal
Assistant professor
Member


Mr. Kafeel Ahmed
Nodal officer (CC)
Member


Mr. Mumtaz Ahmed
Assistant Director
Member


Manager
Aashirvad hotel
Member

COURSE CURRICULUM

Programme of Study: B.Voc. (Tourism and Travel Management)

(Syllabi for Ist, IInd & IIIrd Year)

| S.NO | Level | Credits | Normal Duration | Name |
|------|-------|---------|-----------------|-----------------|
| 1 | 4 | 30 | One Sem | Certificate |
| 2 | 5 | 60 | Two Sem | Diploma |
| 3 | 6 | 120 | Four Sem | Advance Dipolma |
| 4 | 7 | 180 | Six Sem | B.Voc Degree |



Schema for NSQF Level 4: Certificate (Tourism and Travel Management)

Job Role(s): Travel Consultant, Sales Executive

SEMESTER I

| SCHEME OF SYLLABUS | | | |
|-----------------------------|---|-----------|------------|
| Skill Component | | | |
| Course Code | Course Title | Credits | Max. Marks |
| UGBVT1S001T | Communication Soft Skills Development -1 | 4 | 100 |
| UGBVT1S002T | Basics of Travel Agency and Tour Operations | 4 | 100 |
| UGBVT1S003T | Professional Excellence in Tourism-1 | 4 | 100 |
| UGBVT1S004F | Industry Field Visit and Report | 4 | 100 |
| UGBVT1S005T | Basics Concept of Tourism | 2 | 50 |
| General Education Component | | | |
| UGBVT1G006T | Exposure to Foreign Language-1 (French) | 4 | 100 |
| UGBVT1G007T | Office Applications in Tourism | 4 | 100 |
| UGBVT1G008T | Tourism Product and Services | 4 | 100 |
| Total | | 30 | 750 |

Schema for NSQF Level 5: Diploma (Tourism and Travel Management)

Job Role(s): Meeting, Conference & Event Planner

SEMESTER II

| SCHEME OF SYLLABUS | | | |
|-----------------------------|---|-----------|------------|
| Skill Component | | | |
| Course Code | Course Title | Credits | Max. Marks |
| UGBVT2S001T | Basics of Event Management | 4 | 100 |
| UGBVT2S002T | Professional Excellence in Tourism-2 | 4 | 100 |
| UGBVT2S003T | Customer Relationship Management in Tourism | 2 | 50 |
| UGBVT2S004F | Summer Internship (6 Weeks) | 8 | 200 |
| General Education Component | | | |
| UGBVT2G006T | Exposure to Foreign Language (French) | 4 | 100 |
| UGBVT2G007T | Tourism Sales & Marketing | 4 | 100 |
| UGBVT2G008T | Basic Accountancy in Tourism | 4 | 100 |
| Total | | 30 | 750 |



Schema for NSQF Level 6: Advanced Diploma (Tourism and Travel Management)

Job Role(s): Tour Manager

SEMESTER III

| SCHEME OF SYLLABUS | | | |
|------------------------------------|---|----------------|-------------------|
| General Education Component | | Credits | Max. Marks |
| Course Code | Course Title | | |
| UGBVT3G001T | Tourism Law | 4 | 100 |
| UGBVT3G002T | Technology for Tourism Accounting - Tally | 4 | 100 |
| UGBVT3G003T | Automation in Tourism Industry | 4 | 100 |
| UGBVT3G004T | Supervisory Skills in Tourism | 4 | 100 |
| UGBVT3G005T | Tourism Geography | 4 | 100 |
| UGBVT3G006T | Tourism Principles & Practices | 4 | 100 |
| Total | | 24 | 600 |

SEMESTER IV

| SCHEME OF SYLLABUS | | | |
|---------------------------|--------------------------------------|----------------|-------------------|
| Skill Component | | Credits | Max. Marks |
| Course Code | Course Title | | |
| UGBVT4S001T | Business Development | 4 | 100 |
| UGBVT4S002T | Tour Package Designing & Development | 4 | 100 |
| UGBVT4S003F | OJT Summer Internship – (4 months) | 26 | 400 |
| UGBVT4S004T | OJT Report | 2 | 50 |
| Total | | 36 | 650 |



Schema for NSQF Level 7: B. Voc Degree (Tourism and Travel Management)

Job Role(s): Dy. General Manager

SEMESTER V

| SCHEME OF SYLLABUS | | | |
|-----------------------------|-----------------------------|-----------|------------|
| General Education Component | | | |
| Course Code | Course Title | Credits | Max. Marks |
| UGBVT5G001T | Adventure Tourism | 4 | 100 |
| UGBVT5G002T | Operations Management | 4 | 100 |
| UGBVT5G003T | Entrepreneurship | 4 | 100 |
| UGBVT5G004T | New Media in Tourism | 4 | 100 |
| UGBVT5G005P | Project on Entrepreneurship | 8 | 200 |
| Total | | 24 | 600 |

SEMESTER VI

| SCHEME OF SYLLABUS | | | |
|--------------------|---------------------------------------|-----------|------------|
| Skill Component | | Credits | Max. Marks |
| Course Code | Course Title | | |
| UGBVT6S001T | Online Travel Business | 6 | 150 |
| UGBVT6S002T | Service Quality Management in Tourism | 6 | 150 |
| UGBVT6S001F | On the Job Training and Evaluation | 20 | 400 |
| UGBVT6S002F | Project Report & Presentation | 4 | 100 |
| Total | | 36 | 800 |





Ba Ghulam Shah Badshah University
Rajouri (J&K)

Annexure ² ~~(100)~~

Minutes of the Meeting of Board of Studies (M A Economics) held in the Conference Hall of School of Management Studies on dated 14-01-2017.

The Following members were present:

1. Prof. Naseem Ahmed (Dean)
2. Prof. Deepankar Sen Gupta (External Expert)
3. Dr Kulwant Singh (Member)
4. Naveed Ahmad Lone (Member)

The following decisions were taken:

Semester-I & Semester-II remarks

1. In Course Code MAE 111 (Microeconomics-I) the Unit-V of the Microeconomics I shifted to Microeconomics-II and from Microeconomics -II Unit-I shifted and put as Unit IV in Microeconomics-I
2. In Course Code MAE- 112 (Macroeconomics-I) Unit-IV shifted to Macroeconomics-II and renamed as Miscellaneous Topics in Macroeconomics, the Unit-V of the Macroeconomics-II Shifted to Macroeconomics-I and put as Unit-V
3. In Course Code MAE-114 (Economics of Development) instead of Growth and Development
4. In Course Code MAE -113 (Mathematics for Economics) additions of some more topics in the Unit-I, Unit-II and Unit-V

Semester-III remarks

1. Public Economics put in place of Indian Economy, shifted from Semester- IV

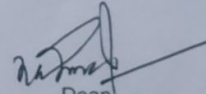
semester-IV remarks

1. Theory of Economic Growth put in place of Monetary Economics
2. International Political Economy (MAE-443) new core paper and Political Economy shifted as optional
3. The Course Code MAE-450 (Advanced Econometrics) added as one more optional paper

General remarks

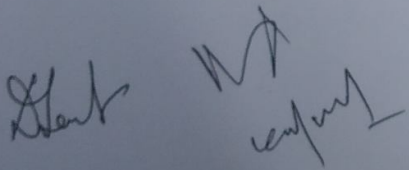
1. **Growth and Development** – Divided into two separate papers Economics of Development and Theory of Economic Growth
2. **International Political Economy-** As one core paper in IV Semester and complete design of syllabi

Note: the changes made in Board of Studies (BOS) shall be applicable from Academic session 2017 onwards.


Dean

School of Management Studies

No/BGSBU/PGSMS/17/
Dated: 14-01-2017



Semester-I

| Sr. No. | Course Code | Core Courses | Credit | Internal marks | University Exam Marks | Total Marks |
|---------|-------------|---------------------------|--------|----------------|-----------------------|-------------|
| 1 | MAE-111 | Micro Economics-I | 4 | 40 | 60 | 100 |
| 2 | MAE-112 | Macro Economics-I | 4 | 40 | 60 | 100 |
| 3 | MAE-113 | Mathematics for Economics | 4 | 40 | 60 | 100 |
| 4 | MAE-114 | Economics of Development | 4 | 40 | 60 | 100 |
| Total | | | 16 | 160 | 240 | 400 |

Shr *emp* *MA* *14/01/17* *MA* *14.01.17*

BABA GHULAM SHAH BADSHAH UNIVERSITY, RAJOURI (J&K)
COURSE STRUCTURE MA Economics

Semester-II

| Sr. No. | Course Code | Core Courses | Credit | Internal marks | University Exam Marks | Total Marks |
|---|-------------|---|--------|----------------|-----------------------|-------------|
| 1 | MAE-221 | Micro Economics-II | 4 | 40 | 60 | 100 |
| 2 | MAE-222 | Macro Economics-II | 4 | 40 | 60 | 100 |
| 3 | MAE-223 | Statistical Methods | 4 | 40 | 60 | 100 |
| Choice Based Complementary Electives courses (students are required to opt any two out of the following courses) | | | | | | |
| 1 | | Fundamental of English | 4 | 40 | 60 | 100 |
| 2 | | Fundamental of Arabic Language | 4 | 40 | 60 | 100 |
| 3 | | Applied Calculus | 4 | 40 | 60 | 100 |
| 4 | | Software Skills in Information technology | 4 | 40 | 60 | 100 |
| 5 | | Computer Application & Operations | 4 | 40 | 60 | 100 |
| 6 | | Basics of Computing | 4 | 40 | 60 | 100 |
| 7 | | Basics of Tourism | 4 | 40 | 60 | 100 |
| 8 | | Tourism Resources of Jammu & Kashmir | 4 | 40 | 60 | 100 |
| 9 | | Mysteries of Green Plants: The corner Stone of Life | 4 | 40 | 60 | 100 |
| 10 | | Botany in Rural Development | 4 | 40 | 60 | 100 |
| 11 | | Fundamental of Biotechnology | 4 | 40 | 60 | 100 |

gls *14/11/17* *14/11/17* *14/11/17*

SCHOOL OF MANAGEMENT STUDIES
 BABA GHULAM SHAH BADSHAH UNIVERSITY, RAJOURI (J&K)
 COURSE STRUCTURE MA Economics

Semester-III

| Sr. No. | Course Code | Core Courses | Credit | Internal marks | University Exam Marks | Total Marks |
|--|-------------|-------------------------|--------|----------------|-----------------------|-------------|
| 1 | MAE-331 | International Economics | 4 | 40 | 60 | 100 |
| 2 | MAE-332 | Public Finance | 4 | 40 | 60 | 100 |
| 3 | MAE-333 | Basic Econometrics | 4 | 40 | 60 | 100 |
| Choice Based Complementary Electives courses (students are required to opt any two out of the following courses) | | | | | | |
| 4 | MAE-334 | Demography | 4 | 40 | 60 | 100 |
| 5 | MAE-335 | Industrial Economics | 4 | 40 | 60 | 100 |
| 6 | MAE-336 | Environmental Economics | 4 | 40 | 60 | 100 |
| 7 | MAE-337 | Indian Financial System | 4 | 40 | 60 | 100 |
| 8 | MAE-338 | Islamic Economics | 4 | 40 | 60 | 100 |
| Total | | | 16 | 160 | 240 | 400 |

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29/7/17

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14/1/17

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SCHOOL OF MANAGEMENT STUDIES
 BABA GHULAM SHAH BADSHAH UNIVERSITY, RAJOURI (J&K)
 COURSE STRUCTURE MA Economics

Semester-IV

| Sr. No. | Course Code | Core Courses | Credit | Internal marks | University Exam Marks | Total Marks |
|---|-------------|---|--------|----------------|-----------------------|-------------|
| 1 | MAE-441 | Theory of Economic Growth | 4 | 40 | 60 | 100 |
| 2 | MAE-442 | International Political Economy | 4 | 40 | 60 | 100 |
| 3 | MAE-443 | Indian Economy | 4 | 40 | 60 | 100 |
| 4 | MAE-444 | Dissertation (Viva-Voce 50 & project work 50) | | | | 100 |
| Choice Based Complementary Electives courses (students are required to opt any one out of the following courses) | | | | | | |
| 5 | MAE-445 | Agricultural Economics | 4 | 40 | 60 | 100 |
| 6 | MAE-446 | J&K Economy | 4 | 40 | 60 | 100 |
| 7 | MAE-447 | Research Methodology & Computer Application | 4 | 40 | 60 | 100 |
| 8 | MAE-449 | Political Economy | 4 | 40 | 60 | 100 |
| 9 | MAE-450 | Advanced Econometrics | 4 | 40 | 60 | 100 |
| Total | | | 16 | 160 | 240 | 400 |

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20/3/17

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20/3/17



Baba Ghulam Shah Badshah University Rajouri – 185234 (J&K)

UNIVERSITY NOTIFICATION NO: 07 OF 2016 DATED: 27-5-2016

In accordance with the provision contained in Statute: 6 of the Statutes governing degree of Doctor of Philosophy Hon'ble Vice Chancellor is pleased to constitute the Departmental Research Committees (DRC) for different Schools / Departments for the sessions 2016, 2017 & 2018. The life of the Committees is three years.

The following shall be the members of the Departmental Research Committees (DRC):

1. School of Mathematical & Computer Sciences

(i) Department of Computer Sciences

- a. Professor Mohammad Asger
- b. Mr. Qamar Rayees Khan
- c. Dr. Sanjay Jamwal
- d. Dr. Zaheer Abbas

(ii) Department of Mathematical Sciences

- a. Professor Mohd Asger
- b. Dr. Zaheer Abbas
- c. Dr. Javid Iqbal
- d. Dr. Pawan Kumar
- e. Dr. Ram Singh

2. School of Management Studies

- a. Prof. S. K. Gupta
- b. Dr. Dil Pazir
- c. Dr. Parvez Abdulla
- d. Dr. Javed Iqbal

3. School of Biosciences and Biotechnology

- a. Prof. G.H. Dar
- b. Dr. Susheel Verma
- c. Dr. Ali Asghar Shah
- d. Dr. Shreekar Pant
- e. Dr. Saima Aslam

4. School of Islamic Studies

- a. Dr. Shams Kamal Anjum
- b. Dr. Md Affan
- c. Dr. Mohd Azam
- d. Dr. Manzar Alam

Sd/-
Dean Academic Affairs

No: BGSBU/Acad/16/ 285-95
Dated: 27-5-2016

Copy to:

1. Registrar
2. Controller of Examinations
3. Special Secretary to Hon'ble Vice Chancellor for kind information of Hon'ble Vice Chancellor
4. Director, Centre for Biodiversity Studies
5. Dean, School of Mathematical & Computer Sciences
6. Dean, School of Management Studies
7. Head, Department of Arabic
8. Head, Department of Mathematical Sciences
9. Deputy Controller of Examinations
10. All concerned
11. Office Copy

Subins
31/5/16
Deputy Registrar
(Academic Affairs)



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

Record Note of the Meeting held on 21-01-2017 at 11:30 am in the office chamber of the Head, School of Education, BGSB University to undertake the proceedings of the Board of Studies. The meeting was also convened to discuss the modalities of the Choice Based Credit System in order to formulate/evolve the Choice Based Complimentary Electives for Students of other School/Departments of BGSB University.

Members Present:

- | | |
|---------------------------|-------------------------|
| 1. Head of the Department | (in the chair/Convener) |
| 2. Prof. Mabarak Singh | External Expert |
| 3. Dr. Mehraj Ahmad Bhat | Member |
| 4. Dr. Nayyar Jabeen | Member |
| 5. Mr. Altaf Hussain | Member |
| 6. Dr. Azad Ahmad Andrabi | Member |
| 7. Mrs. Sayema | Member |
| 8. Mrs. Meenakshi Koul | Member |

The Chairman welcomed the external expert as well as the members and informed them that the meeting is taking place in order to undertake the proceedings of the board of studies for the M.Ed Course being offered by the Department. Thereafter the Agenda was taken up for discussion:

At the outset, the Chairman expressed his heartfelt gratitude to Prof. Mubarak Singh for accepting the invitation and showing his interest in the academic growth and development of the Department. The chairman highlighted the importance of curriculum development and expressed that the focus of the Department is academic vibrancy, visibility, quality education and research. The Chairman in his address expressed that in the fast changing academic world, course development is a continuous, evolving and interactive process. The Chairman highlighted that while developing or updating the course; the focus should be to make it more scientific, relevant and student-centered which may encourage the development of higher intellectual skills among the students. The course curriculum should ensure that students become active partners in the learning process and should introduce them to scientific methods.

Highlighting the role of the faculty in the Department, the chairman appreciated their support and cooperation extended to this University from time to time and read out point wise agenda of the meeting. Threadbare discussions/deliberations were held in order to draft the syllabi for M.Ed course for the years mentioned in the agenda and the decisions are hereby placed on record.

23/2/17 *Rasool*

Qureshi



**BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI (J&K)**

In order to review and discuss the feedback received from the faculty about the course curriculum prescribed for the M.Ed 4th Semester, Session 2015-17, the members unanimously resolved that the course curriculum needs immediate revision and modification for the academic growth and excellence of the students. After threadbare discussions, the BOS unanimously resolved:

4th Semester, Session 2015-17:

| Course Code | Course Title | Resolution |
|-------------|---|---|
| M.Ed-410 | Educational Administration and Management | BOS has proposed minor changes in all the units and recommended that the Title of Unit III to be renamed as “Communication in Educational Administration and Management” instead of “Communication” |
| M.Ed-411 | Guidance and Counselling | Since all the five units are without their title/s, as such, the BOS proposed the following titles: <ul style="list-style-type: none">• Unit-I Guidance and its Types• Unit-II Organization of Guidance Services• Unit: Counselling• Unit-IV Techniques, Theories and Areas of Counselling• Unit-V Theories of career Development BOS also proposed changes, alterations and modifications in Unit I,II,III,IV and V. |
| M.Ed-412 | Information and Communication Technology | BOS has proposed the course to be renamed as “Information and Communication Technologies (ICTs)” instead of “Information and Communication Technology” . BOS also proposed the Titles of all the five Units as: <ul style="list-style-type: none">• Unit-I ICTs in Education• Unit-II e-Learning and e-Content• Unit: Organization of Data and Multimedia Approach in Education• Unit-IV Emerging Trends in ICTs• Unit-V Computer Assisted Learning and Resource Centers of ICTs BOS further proposed major changes in all the five Units |
| Practicum | Dissertation | BOS has proposed inclusion of the essential components to be realized during the course of dissertation work in terms of the following parameters: <ul style="list-style-type: none">• Preparation of Research Proposal/Synopsis• Development and Procurement of Tools• Collection of Data |

[Signature]



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

- Analysis and Interpretation of Data
 - Writing the Research Report
 - Submission of Dissertation
 - Conduct of Viva-Voce
- BOS further proposed distribution of credits for the different components of the dissertation work.

In order to draft the syllabi for the M.Ed course for the academic session 2017 and onwards, the BOS formulated the following comprehensive Course Curriculum keeping in view its relevance and latest trends in the subject for the larger academic interests of the students.

Course Curriculum for M.Ed 1st Semester (2017, 2018 & 2019)

| Course Code | Course Title | Resolution |
|-------------|---|--|
| M.Ed-110 | Philosophical Perspectives of Education | BOS has proposed continuation of Unit I & modifications, improvements and alterations in Unit II, III, IV and V. |
| M.Ed-111 | Psychology of Learning and Development | BOS has proposed the course to be renamed as “Psychological Perspectives of Education” instead of Psychology of Learning and Development . BOS also proposed continuation of Unit I & modifications, improvements and alterations in Unit II, III, IV and V. |
| M.Ed-112 | Historical and Political Perspectives of Education | BOS has proposed the course to be renamed as “Development of Education System in India” instead of Historical and Political Perspectives of Education . BOS also proposed continuation of Unit I & Unit II and replacement of last 3 units with new three units. |
| M.Ed-113 | Methodology of Educational Research | BOS has proposed minor changes in all the five units. |
| M.Ed-150 | Self Development (Communication & Expository Writing) | BOS has proposed a few changes in the course content |
| M.Ed-151 | Computer Fundamentals and its Applications | BOS proposed no changes in the course |



**BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI (J&K)**

| | | |
|--------------------------------|---------------------------------|---|
| | | highlighting the importance of clean and green environment (4 Marks) • Each student will actively participate in the one week environmental awareness workshop to be organized by the Department under the overall supervision of the Head of the Department. The students will present their viewpoints/ presentations regarding the environmental issues and problems. (8 Marks) |
| M.Ed-315 (Renamed M.Ed-316) | as Higher Education | BOS has proposed the course code to be renamed as M.Ed-316 instead of 315. BOS also proposed continuation of all the five units in the course without making any change. |
| M.Ed-316 (Renamed M.Ed-317) | as Gender Studies | BOS has proposed the course code to be renamed as M.Ed-317 instead of 316. BOS also proposed minor changes in Unit II, III and continuation of Unit I, IV, V. |
| M.Ed-350 | Field Attachment/ Internship | No change |

Course Curriculum for M.Ed 4th Semester (2019, 2020 & 2021)

| Course Code | Course Title | Resolution |
|-------------|---|--|
| M.Ed-410 | Educational Administration and Management | BOS has proposed minor changes in Unit I and continuation of Unit III, IV. BOS has also proposed the title of Unit III to be renamed as "Communication in Educational Administration and Management" instead of Communication. |
| M.Ed-411 | Information and Communication Technologies (ICTs) | BOS has proposed continuation of Unit I, III, V and minor changes in Unit II and IV |
| M.Ed-412 | Inclusive Education | BOS has proposed continuation of Unit III, IV, V and minor changes in Unit I and II. |
| M.Ed-413 | Dissertation Work-III | BOS has proposed a few alterations in the Dissertation Work III. The members also unanimously recommended shifting of preparation of research proposal(synopsis), procurement/development of research tools and collection of data to Dissertation Work-I and II in the 2 nd and 3 rd semesters respectively in order to develop the research among the students more effectively. |

Chauhan



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

Course Curriculum for M.Ed 3rd Semester (2018, 2019 & 2020)

| Course Code | Course Title | Resolution |
|--|---|--|
| M.Ed-310 | Educational Technology | BOS has proposed necessary modifications/ changes in Unit I, II, III, IV and V. |
| M.Ed-311 | Educational Measurement and Evaluation | BOS has proposed minor inclusion of a few topics in Unit I and few changes in Unit II, III IV and V |
| M.Ed-312 | Issues and Problems in Indian Education | BOS has proposed the replacement of the course with one of the electives in the IV Semester entitled " Guidance and Counselling " and proposed continuation of all the five units. |
| <p>BOS recommended Dissertation Work-II in the third semester also. The breakup of the content, components and credits in the Dissertation Work-II shall be as:</p> | | |
| M.Ed-313 | Dissertation Work-II | BOS proposed <i>development/procurement of tools and data collection</i> and proposed that a weightage of 02 credits shall be given to the Dissertation Work-II |
| M.Ed-313 (Renamed M.Ed-314) | as Secondary Education | Due to the introduction of Dissertation Work-II, the BOS proposed change in course code as M.Ed-314 instead of M.Ed-313. BOS proposed continuation of Unit I, II, IV and recommended minor changes in Unit III and V. BOS also proposed change in the Title of Unit V which reads as " Curriculum Evaluation of Secondary Education " |
| M.Ed-314 (Renamed M.Ed-315) | as Environmental Education | BOS has proposed the course code to be renamed as M.Ed-315 instead of M.Ed-314. BOS also proposed changes in Unit I, II, III, IV and continuation of Unit V. In order to make the course practical, meaningful and result oriented, the BOS proposed that the internal assessment shall be practical in nature and shall be executed as per the following break-up: <ul style="list-style-type: none"> • Each student shall plant a tree in the university campus and will take care of the plant during his/her stay in the Department. The students will mention the name in any name plate against each planted tree. (4 Marks) • Each student will participate in the plantation drive to be carried out by the Department every year in the odd semester under the overall supervision of the Head of the Department (4 Marks) • Each student will participate in the cleanliness drive in the university to be organized by the Department. The students will prepare different placards, banners, poster presentations etc |

(Signature)



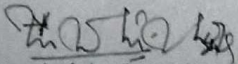
**BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI (J&K)**

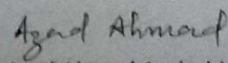
| | | |
|----------|--|---|
| M.Ed-414 | Guidance and Counselling | BOS has proposed shifting of this paper to Semester 3 rd as the core course and as such the BOS proposed introduction of new course entitled "Peace Education". |
| M.Ed-415 | Early Childhood Care and Education | No change |
| M.Ed-416 | History and Problems of Education in J&K | BOS has proposed continuation of Unit I, III, and V. BOS also proposed the title of the Unit II to be renamed as "Commissions, committees and Reports in Pre-Independence Era" instead of "Main Recommendations of". BOS further proposed few changes in Unit IV. |
| M.Ed-417 | Mental Health and Education | BOS has proposed continuation of Unit I, III, IV, V and recommended minor changes in Unit-II. |

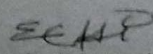
In order to formulate the comprehensive and relevant choice based complimentary electives for the students of Schools/Departments, other than those of the Department of Education, under the Choice Based Credit System Scheme of the University, the members unanimously proposed the following two courses:

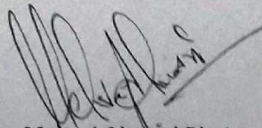
| | | |
|----------------------------|--------------------------|--|
| Edu-210 (Open Elective) | Higher Education | BOS proposed continuation of all the five units without making any change in the course. |
| Edu-215 (Open Elective) | Instructional Technology | BOS proposed continuation of Unit I, III, V and recommended minor changes in Unit II and IV. |

The meeting terminated with a vote of thanks to the Chair.

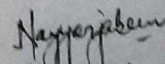

Head of the Department

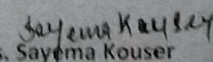

Dr. Azad Ahmad Andrabi

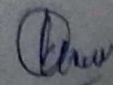

Mrs. Minakshi Koul


Dr. Mehraj Ahmad Bhat

Mr. Altaf Hussain


Dr. Nayyar Jabeen


Mrs. Sayema Kouser





**BABA GHULAM SHAH BADSHAH UNIVERSITY
RAJOURI (J&K)**

Course Curriculum for M.Ed 2nd Semester (2018, 2019 & 2020)

| Course Code | Course Title | Resolution |
|-------------|--|---|
| M.Ed-210 | Sociological Perspectives of Education | BOS has proposed minor changes in Unit I, II, III, IV and V. |
| M.Ed-211 | Teacher Education | BOS has proposed necessary modifications/replacements in Unit I, II, III, IV and V. |
| M.Ed-212 | Advanced Educational Statistics | BOS has proposed the course to be renamed as "Statistics in Education and Psychology" instead of "Advanced Educational Statistics" and recommended necessary changes in the Unit-Titles/content of all the five units |
| M.Ed-213 | Comparative Education and Curriculum Development | BOS has proposed continuation of Unit I, II, V and recommended inclusion of a few concepts in Unit III. BOS also proposed that Unit IV to be renamed as "Curriculum Development and Design" instead of Curriculum Design" |

All the BOS members unanimously recommended introduction of Dissertation work from second semester in order to develop the research aptitude among the students more effectively. The BOS as such resolved that Dissertation work shall be introduced in the II, III and IV Semesters. The breakup of the content, components and credits in the Dissertation work for the 2nd Semester shall be as:

| | | |
|----------|---------------------|--|
| M.Ed-214 | Dissertation Work-I | BOS has proposed preparation of research proposal in the second semester with special reference to: <ul style="list-style-type: none">• allotment of supervisor;• discussion on theme and selection of research problem;• review of related literature; and• preparation/submission of synopsis BOS proposed that a weightage of 02 credits shall be given to the Dissertation Work-I |
|----------|---------------------|--|

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Minutes of Meeting of the Second Board of Studies

Ref. No BGSBU/ENG/16/348

Dated 19/12/16

A meeting was held in the department of English on 19/12/16. Following members attended the meeting.

1. Prof. Mohd Rizwan (Subject expert)
2. Dr Romina Rashid (Head of the Department)
3. Miss Mariya Aslam (Assistant Professor)
4. Dr Shachi Sood (Assistant Professor)
5. Mr. Tanvir Ahmed (Assistant Professor)

In the outset, the Head, of the Department welcomed Prof. Mohd Rizwan and briefed the members about the agenda. The issues were discussed and the following solutions emerged:

Discussion were made with the subject expert, on the feedback received from Almunai, parents, students and teachers.

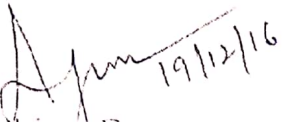
Following suggestions were given by expert related to the syllabi:

1. To introduce subjects for the non-detailed study.
2. To introduce practical criticism in the course.
3. To introduce reference to context for enhancing the skills of analyzing a text among students.
4. To introduce the application of theory in paper of Literary Theory and Criticism.
5. To introduce papers as elective and choice based.
6. To introduce papers with employability impact.
7. To introduce Programme Outcomes in the syllabus.
8. To introduce some important works which were missing in the existing syllabus.

Based on the above suggestions following changes were incorporated in the revised syllabus.

1. A component of non-detailed study is incorporated in British Novel-I(ENG-104), British Drama-I(ENG-102), British Novel-II(ENG-304), British Drama-II(ENG-202).
2. Practical Criticism is included in Literary Theory and Criticism-I(ENG-201), Unit –V, is dedicated to the application of practical criticism on the poems prescribed in the course.
3. A unit for reference to context in introduced in British Drama-I(ENG-102), 304), British Drama-II(ENG-202), British Poetry-I(ENG-103), British Poetry –II(203), Modern Poetry (203).

4. A unit is introduced concerning application of theory in Literary Theory and Criticism-II(ENG-301) and Literary Theory and Criticism-III(ENG-401).
5. A paper Open Elective is introduced in Semester-II Applied English (ENG-209) under CBCS system.
6. Literature and Gender(ENG-452) and Applied English(ENG-209) are introduced keeping in view the employability factor.
7. Programme outcomes and learning outcomes are introduced in the revised syllabus.
8. Many important works are introduced in different papers.


Subject Expert

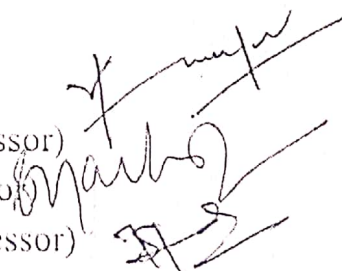
Professor Mohd Rizwan


Head, Department of English

Dr Romina Rashid

Members of BOS

1. Mariya Aslam (Assistant Professor)
2. Dr Shachi Sood (Assistant Professor)
3. Mr Tanvir Ahmed (Assistant Professor)



Ref. No. B4SBU/DIC/17/5020A

Date: - 20/01/2017

Minutes of Meeting

A meeting of BOS of Department of Information Technology held today on 20th of Jan, 2017 at Conference Hall of Management Studies. Following members attended the meeting:-

1. Prof M. Asger.
2. Prof. Muhammad Abulaish.
3. Dr. Tasleem Arif.
4. Mr. Ed Gowhar.
5. Mr. Mudaseer Nazar Mir.

The course structure and detailed curriculum of M.Sc. IT were discussed and deliberated, after discussion the following resolutions were adopted:-

1. Change of Title of MIT-141 from " Data Structure With C" to " Data Structure Using C"
2. Change of Title of MIT-143 from "Operating System Concepts" to " Operating System"
3. Lab Courses of Semester-I will be titled as:
Lab-1: Data Structure
Lab-2: Web Technologies
4. Removal of "Advanced Web Technologies" from Semester-II and replacing it with "Database Management System".
5. Change in Unit-III of Course MIT-242 (Database Management System) instead of PL/SQL it should be renamed as SQL .
6. Unit-IV of Course MIT-242 (Database Management System) to be rearranged in the light of discussions held.
7. Lab Courses of Semester 2nd will be titled as:
Lab-3:- Java Programming
Lab-4:- Pl/ SQL

8. Introduction of "Wireless and Mobile Communication" as MIT-342 instead of "Database Management System".
9. Introduction of "Design & Analysis of Algorithms" as MIT-343 Course instead of "Database Management System".
10. Introduction of "Information Security" and "Distributed Computing" as elective courses in Semester-III.
11. Removal of "Design & Analysis of Algorithms", "Artificial Intelligence" and "Software Engineering" Courses from Electives.
12. Lab Courses of Semester 3rd will be titled as:
Lab-5: C#
Lab-6: Algorithm Design Techniques.
13. Course title of 4th Semester Project will be as "Project Work".
14. Scheme of Examination of the 4th Semester Project will be as:

| Internal Examination:200 | | External Examination:400 | |
|--------------------------|-----------|------------------------------|-----------|
| Project Report: | 100 Marks | Project Report: | 100 Marks |
| Viva Voce:- | 100 Marks | Viva Voce:- | 150 Marks |
| | | Implementation/Presentation: | 150 Marks |

The meeting ended with vote of thanks to the Chair.

1. Prof M. Asger _____
2. Prof. Muhammad Abulaish _____
3. Dr. Tasleem Arif _____
4. Mr. Ed Gowhar _____
5. Mr. Mudaseer Nazar Mir _____

School of Mathematical and Computer Sciences
Department of Information Technology

Syllabus

For

Master of Science in Information Technology (M.Sc.-IT)

For the Batches 2016-17 2017-18 2018-19



Programming Outcomes

PSO1: The Programme is aimed towards building prospective career in the field of Information Technology and is designed with the objective to provide knowledge and skills in the various aspects of Information Technology and core programming.

PSO2: To prepare for advanced education in Information Technology and aim of the programme is to increase the number of skilled IT professionals and academicians.

PSO3: Students will be able to use the techniques, skills and modern hardware and software tools necessary for innovative software solutions. Student get ability to devise and conduct experiments, interpret data and provide well informed conclusions.

PSO4: Student will get skills to analyze a problem and identify and define the logical modeling of solution.

PSO5: Student will be able to select modern computing tool and techniques and use them with dexterity.

PSO6: Understand topics of wide relevance including Internet and Web technologies, Bio Informatics and Wireless and mobile Communication.

PSO7: Gain knowledge of Programming languages and other areas that influence the subject area.

PSO8: The course offers contemporary and cutting edge topics such as: Specialization in Web Mining, Cloud Computing and Information Security with an end result of providing talented hands in the related fields.

**COURSE STRUCTURE & SYLLABUS FOR M.Sc. INFORMATION
TECHNOLOGY (M.Sc.-IT)**

FOR THE YEAR 2016, 2017, 2018

Semester-I

| Course Code | Course Title | Credit Value | Scheme of Examination | | | |
|-------------|-------------------------------|--------------|-----------------------|------------|------------|------------|
| | | | Duration | | Marks | |
| | | | Hours | IA | UE | Total |
| MIT-141 | Data Structures Using C | 4 | 3 | 40 | 60 | 100 |
| MIT-142 | Internet and Web Technologies | 4 | 3 | 40 | 60 | 100 |
| MIT-143 | Operating System | 4 | 3 | 40 | 60 | 100 |
| MIT-144 | Digital Electronics | 4 | 3 | 40 | 60 | 100 |
| MIT -171 | Lab -1: Data Structure | 4 | 3 | 50 | 50 | 100 |
| MIT -172 | Lab -2: Web Technologies | 4 | 3 | 50 | 50 | 100 |
| Total | | 24 | - | 260 | 340 | 600 |

Semester-II

| Course Code | Course Title | Credit Value | Scheme of Examination | | | |
|---|---|--------------|-----------------------|------------|------------|------------|
| | | | Duration | Marks | | |
| | | | Hours | IA | UE | Total |
| MIT-241 | Java Programming | 4 | 3 | 40 | 60 | 100 |
| MIT-242 | Database Management System | 4 | 3 | 40 | 60 | 100 |
| MIT-243 | Data Communication and Computer Networks | 4 | 3 | 40 | 60 | 100 |
| Choice Based Open Electives(Students are required to opt any one of the following courses) | | | | | | |
| Math-201 | Mathematical Tools in Real World Problems | 4 | 3 | 40 | 60 | 100 |
| Comp-203 | Computer Applications & Operations | 4 | 3 | 40 | 60 | 100 |
| Bio-204 | Fundamentals of Biotechnology | 4 | 3 | 40 | 60 | 100 |
| Bot-205 | Mysteries of Green Plants | 4 | 3 | 40 | 60 | 100 |
| Bot-206 | Botany in Rural Developments | 4 | 3 | 40 | 60 | 100 |
| Zol-207 | Nutrition, Health & Hygiene | 4 | 3 | 40 | 60 | 100 |
| Arab-208 | Fundamentals of Arabic Language | 4 | 3 | 40 | 60 | 100 |
| Eng-209 | Applied English | 4 | 3 | 40 | 60 | 100 |
| Edu-210 | Higher Education | 4 | 3 | 40 | 60 | 100 |
| Eco-211 | Principles of Banking | 4 | 3 | 40 | 60 | 100 |
| HT-212 | Basics of Tourism and Travel Agencies | 4 | 3 | 40 | 60 | 100 |
| HT-213 | Tourism Resources of J&K | 4 | 3 | 40 | 60 | 100 |
| Ngt-214 | Business Communication soft Skills | 4 | 3 | 40 | 60 | 100 |
| Edu-215 | Instructional Technology | 4 | 3 | 40 | 60 | 100 |
| Lab Course | | | | | | |
| MIT-271 | Lab -3: Java Programming | 4 | 3 | 50 | 50 | 100 |
| MIT-272 | Lab-4: Pl/SQL | 4 | 3 | 50 | 50 | 100 |
| | Total | 24 | | 260 | 340 | 600 |

Semester-III

| Course Code | Course Title | Credit Value | Scheme of Examination | | | |
|---|------------------------------------|--------------|-----------------------|-------|-----|-------|
| | | | Duration | Marks | | |
| | | | Hours | IA | UE | Total |
| MIT-341 | Dot Net Technologies using C# | 4 | 3 | 40 | 60 | 100 |
| MIT-342 | Wireless and Mobile Communication | 4 | 3 | 40 | 60 | 100 |
| MIT-343 | Design and Analysis of Algorithms | 4 | 3 | 40 | 60 | 100 |
| Choice based Complimentary Elective Courses(Students are required to opt any one of the following courses) | | | | | | |
| MIT-345 | Information Security | 4 | 3 | 40 | 60 | 100 |
| MIT-346 | Bioinformatics | 4 | 3 | 40 | 60 | 100 |
| MIT-347 | Cloud Computing | 4 | 3 | 40 | 60 | 100 |
| MIT-348 | Distributed Database Management. | 4 | 3 | 40 | 60 | 100 |
| MIT-349 | Web Mining | 4 | 3 | 40 | 60 | 100 |
| MIT-350 | Distributed Computing | 4 | 3 | 40 | 60 | 100 |
| Lab Course | | | | | | |
| MIT-371 | Lab-5: C# | 4 | 3 | 50 | 50 | 100 |
| MIT-372 | Lab-6: Algorithm Design Techniques | 4 | 3 | 50 | 50 | 100 |
| Total | | 24 | | 260 | 340 | 600 |

Semester-IV

| Course Code | Course Title | Credits | Scheme of Examination | | | |
|-------------|--------------|---------|-----------------------|-------|-----|-------|
| | | | Duration | Marks | | |
| | | | Hours | IA | UE | Total |
| MIT-441 | Project | 24 | ----- | 200 | 400 | 600 |

The Components and bifurcation of marks of the course code MIT-441 in Semester IV shall be as follows:

| Components | IA | UE |
|--------------|-----|-----|
| Project Work | - | 100 |
| Presentation | 100 | 150 |
| Viva Voce | 100 | 150 |
| Total | 200 | 400 |

IA- Internal Assessment

UE- University Examination



School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

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Minutes of the Meeting

A meeting of Board of Studies of the School of Islamic Studies and Languages was held on 13th of January 2017 in the conference Hall of the Department to draft and revise the syllabi of M A Arabic, Islamic Studies and Urdu for the year 2017 onwards. The following experts were present.

1. Dr. Shams Kamal Anjum. Head, Department of Arabic (**Convener**)
2. Prof. S Kafeel Ahmed Qasmi, Former Dean, Faculty of Arts, former Chairman, Department of Arabic Aligarh Muslim University, (**External Expert of Arabic**)
3. Prof. Sayyid Ahsan, Chairman, Department of Islamic Studies, Aligarh Muslim University, (**External Expert of Islamic Studies**)
4. Prof. Quddus Jawaid, former HoD Urdu, University of Kashmir (**External Expert of Urdu**)
5. Dr. Md Affan, Assistant Professor, Arabic, BGSBU
6. Dr. Mohd Azam, Assistant Professor, Arabic, BGSBU
7. Dr. Manzar Alam, Assistant Professor, Arabic, BGSBU
8. Dr. Layaqat Hussain, Assistant Professor, Urdu, BGSBU
9. Dr. Mushtaq Ahemd Wani, Assistant Professor

The Board drafted syllabi of M A in Urdu, Islamic Studies, and revised the syllabi of Arabic. The Board made the following Recommendations:

1. MA in Arabic

The Board resolved that:

- The medium of teaching and examinations of the following courses shall be ~~in~~ Arabic:
 - a. Arabic Grammar and Morphology
 - b. Fundamentals of Rhetoric
 - c. Fundamentals of Literary Criticism
 - d. Research Methodology

Dr. Shams Kamal Anjum
B.1. 2017

Md. Manzar Alam

Dr. Kafeel Ahmed Qasmi

S. L. Khand
13/1/17



School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

Rajouri (J&K)-185234

E- mail: arabicbgsbu@gmail.com, Website: www.bgsbuniversity.org, Mobile: 9419103564

| | | | Assessment | Examination | |
|--------------|---|-----------|------------|-------------|------------|
| MIS-101 | Introduction of Islamic Studies | 4 | 40 | 60 | 100 |
| MIS-102 | History of Islamic Civilization; Origin and Development ,up to Khulafa e Rashedin | 4 | 40 | 60 | 100 |
| MIS-103 | Islamic religious sciences; Quran and Hadith | 4 | 40 | 60 | 100 |
| MIS-104 | Ilm al Kalam | 4 | 40 | 60 | 100 |
| MIS-105 | Proficiency in Arabic-I | 2 | 20 | 30 | 50 |
| Total | | 18 | 180 | 270 | 450 |

Semester II

| Course Code | Course Title | Credits | Distribution of Marks | | |
|--|--|---------|-----------------------|------------------------|-------|
| Core Courses: | | | Sessional Assessment | University Examination | Total |
| MIS-201 | History of Islamic Civilization (Umayyad and Abbasids) | 4 | 40 | 60 | 100 |
| MIS-202 | Islamic Religious Sciences: Fiqh | 4 | 40 | 60 | 100 |
| MIS-203 | Origin and development of Tasawwuf | 4 | 40 | 60 | 100 |
| MIS-204 | Proficiency in Arabic-II | 2 | 20 | 30 | 50 |
| Choice Based Open Elective Course (Students are required to opt any one of the following courses) | | | | | |
| Math- 201 | Applied Calculus | 4 | 40 | 60 | 100 |
| I.T. 202 | Soft-Skills in Information Technology | 4 | 40 | 60 | 100 |
| Comp-203 | Computer Applications and Operations | 4 | 40 | 60 | 100 |
| Bio- 204 | Fundamentals of Biotechnology | 4 | 40 | 60 | 100 |
| Bot- 205 | Mysteries of Green Plants | 4 | 40 | 60 | 100 |
| Bot- 206 | Botany in Rural Developments | 4 | 40 | 60 | 100 |
| Zol- 207 | Nutrition, Health & Hygiene | 4 | 40 | 60 | 100 |
| Eng- 209 | Applied English | 4 | 40 | 60 | 100 |
| Edu- 210 | Higher Education | 4 | 40 | 60 | 100 |
| Eco- 211 | Principles of Banking | 4 | 40 | 60 | 100 |
| HT- 212 | Basic of Tourism and Travel Agency | 4 | 40 | 60 | 100 |

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13.1.17

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Md. Afshan

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School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

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| | | | | | |
|--------------|--------------------------|-----------|------------|------------|------------|
| HT- 213 | Tourism Resources of J&K | 4 | 40 | 60 | 100 |
| Total | | 18 | 180 | 270 | 450 |

Semester III

| Course Code | Course Title | Credits | Distribution of Marks | | |
|---|--|-----------|-----------------------|------------------------|------------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MIS-301 | Islamic Civilization in West Asia; Ottoman, Persia and Egypt | 4 | 40 | 60 | 100 |
| MIS-302 | Islam in the Modern World; Thinkers, Movements and Trends in West Asia | 4 | 40 | 60 | 100 |
| MIS-303 | Muslim Philosophy | 4 | 40 | 60 | 100 |
| MIS-304 | Proficiency in Arabic-III | 2 | 20 | 30 | 50 |
| Complementary Choice Based Electives: (Any one of the following) | | | | | |
| MIS-305 | Islamic Dawah | 4 | 40 | 60 | 100 |
| MIS-306 | Islamic Finance | 4 | 40 | 60 | 100 |
| MIS-307 | Islam and Science | 4 | 40 | 60 | 100 |
| MIS-308 | Women in Islam and Feminism | 4 | 40 | 60 | 100 |
| Total | | 18 | 180 | 270 | 450 |

Semester -IV

| Course Code | Course Title | Credits | Distribution of Marks | | |
|----------------------|---|-----------|-----------------------|------------------------|------------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MIS-401 | Islamic Civilization in Indian Sub-Continent | 4 | 40 | 60 | 100 |
| MIS-402 | Islam in modern world; Thinkers, Movements and Trends in South Asia | 4 | 40 | 60 | 100 |
| MIS-403 | Contemporary Muslim World | 4 | 40 | 60 | 100 |
| MIS-404 | Major World Religions | 4 | 40 | 60 | 100 |
| MIS-405 | Applied Calculus | 2 | 20 | 30 | 50 |
| Total | | 18 | 180 | 270 | 450 |

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Md. Afan
Member of



School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

Rajouri (J&K)-185234

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- It was also resolved that the members of Board of Studies from the department will make minor modifications according to needs and requirements.

The meeting ended with thanks to the chair

Dr. Shams Kamal Anjum

Prof. S Kafeel Ahmed Qasmi

Prof. Sayyid Ahsan

Prof. Quddus Jawaid

Dr. Md Affan

Dr. Mohd Azam

Dr. Manzar Alam

Dr. Layaqat Hussain

Dr. Mushtaq Ahemd Wani

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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 *M*
2. Dr. Zaheer Abbas, Head, Department of Mathematical Sciences (BGSBU) *ZAC*
3. Dr. Javid Iqbal, Assistant Professor, Department of Mathematical Sciences (BGSBU) *J*
4. Mrs. Shanti Gupta, Lecturer, Department of Mathematics (BGSBU) *Shanti*

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.

ZAC



BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

| Course Code | Course Name | Resolution |
|-------------------|---|--|
| Semester-I | | |
| MAM-131 | Applied Analysis | BOS has proposed: the course to be renamed as Topology and its applications ; 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 Lab course on MS -104 and MS - 105 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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BABA GHULAM SHAH BADSHAH UNIVERSITY RAJOURI (J&K)

| 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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**BABA GHULAM SHAH BADSHAH
UNIVERSITY RAJOURI (J&K)**

| 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 Communication | 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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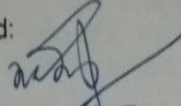
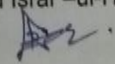
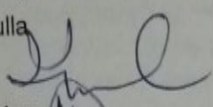
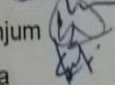


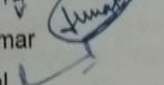

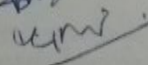
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| MM-482 | Algebraic Geometry | BOS has proposed the course code be changed to MS - 411 and continuation of rest of the contents. |
| MM-483 | Ring Theory | BOS has proposed deletion of this course. |
| MM-484 | Selected Topics In Topology | BOS proposed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



**Baba Ghulam Shah Badshah University
Rajouri (J&K)**

Minutes of the Meeting of Board of Studies (MBA) held in the Conference Hall of
MBA on dated 05-03-2017.

The Following members are attended:

1. Prof. Naseem Ahmed (Dean) 
2. Prof. Mohammad Israr –ul-Haque (External Expert)
3. Dr. Dil Pazir 
4. Dr. Parvaiz Abdulla
5. Dr. Javed Iqbal 
6. Dr. Darkhsan Anjum 
7. Dr. Radha Gupta
8. Mr. Kafeel Ahmed 
9. Mr. Aasim Mir 
10. Mr. Jatinder Kumar 
11. Mr. Danish Iqbal
12. Mr. Vinay Kumar 
13. Mr. Mirza Rizwan 

The following decisions were taken:

General remarks

1. Each paper 'reading reference' should contain only ONE base book, then ONE supplementary book and finally some 'extra readings'.
2. Focus on experiential learning and incorporate 'Case Studies' and 'Business Games'.

Paper remarks

1. **Accounting** – Put concepts of General Accounting and Management Accounting instead of Financial Accounting
2. **Quantitative Analysis (Techniques)** – It is better to have Quantitative Analysis than Techniques. Sampling to be taught in Research Methodology instead here in Quantitative Analysis. Use Seagull 'Non-parametric Statistics'.

3. **Business Law**– Syllabus content must focus more on general law and its principles instead of Acts of any legislative bodies.
4. Under '**Business Communication**' learning make video recording of students' presentation and teach them communications skills through such practical exercise.

Semester 1 remarks

1. MBA115 (Business Ethics & Environment) to be shifted to SEM-3 as Elective
2. MBA116 (Banking and Insurance Management) to be put as electives in SEM-3.
3. Instead of 'Business Ethics & Environment' and Banking and Insurance Management', shift MBA223 (Marketing Management) and MBA224 (Human Resource Management) from SEM-2 to SEM-1.

Semester 2 remarks

1. 'Operations Management' and 'Research Methodology' must be taught in SEM-2, these two core papers may occupy place on MBA223 and MBA224.
2. MBA225- 'Corporate Law' to be better named as 'Business Law' and syllabus content must focus more on general law and its principles instead of Acts of any legislative bodies.

Semester 3 remarks

1. MBA331 (Project Management) to be put as Finance electives .
2. 'Strategic Management' to be brought here from SEM-4.
3. Distribution Management must be added as marketing electives.

Semester 4 remarks

1. Must have minimum work load; therefore shift 'Strategic Management' to SEM-3.
2. In place of 'Industrial Psychology', 'participative Management' may be included.
3. 'Multinational Financial Management' must be replaced with 'Behavioural Finance'.

Note: the changes made in BOS shall be applicable from Academic session 2017 onwards.


Dean
School of Management Studies

No/BGSBU/PGSMS/17/
Dated: 22-03-2017

BOS Minutes of the Meeting



Centre for Hospitality and Tourism Management

14

Baba Ghulam Shah Badshah University
Rajouri, J&K 185131, INDIA

Ref. No: BGSBU / CHTM /2016/ 10

Dated: 25/6/2016

Minutes of the Meeting :

The meeting of board of Studies(BOS) for centre of Hospitality & Tourism (School of Management Studies) was held in the conference hall of Department of Management Studies on 25th June 2016 at 10:30am onwards with following members were present.

1. Shr. Asrar Ghaus - (Convener)
2. Mr. Nishteeth Srivastva (Subject expert)
3. Dr. Dil Pazir (Member)
4. Dr. Javid Iqbal (Member)
5. Mr. Kafeel Ahmed (Member)

Following Issues were discussed & resolved by the members,

Item No1,

Syllabus of MBA- (Hospitality & Tourism) Semester First & Second stand approved.

Item No. 2

Course Title of MBAHTM-204 should be change as Research Methodology & paper presentation Skills.

Item No. 3

Syllabus for 3rd & 4th semester will be approved with following Modification.

- (I) Project Training will be for 6 weeks instead of 45 days.
- (II) The Title of the Course Code MBAHTM- 204 Business & Hospitality Etiquettes changed as Business & Hospitality Practices
- (III) The Title of course code MBAHTM- 303 will be renamed as Project Report & Presentation.
- (IV) In Semester 4th Course Code MBAHTM- 401 will be Geography of Tourism in place of Event Management.
- (V) Only four Courses will be offered under Elective in 4th semester.

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DEPARTMENT OF COMPUTER SCIENCES
BGSB UNIVERSITY, RAJOURI (J&K)-185131

Ref. No.: DCS/13/...37

Dated: 29.01/2013

Dated: 28.01.2013

Minutes of the Meeting

The Board of Studies meeting for discussion and deliberations on the syllabi of MCA and BCA for the year 2013-2014-2015 was held in the Seminar hall of Department of Management Studies on 28th day of January, 2013 at 11 am. The meeting was attended by the following members.

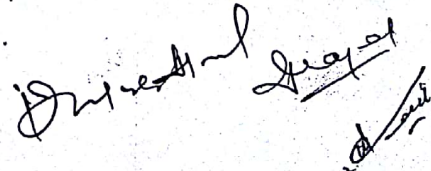
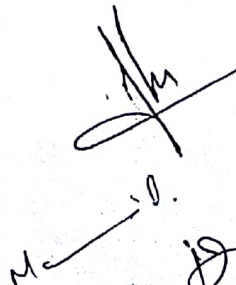
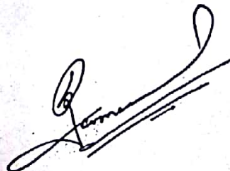
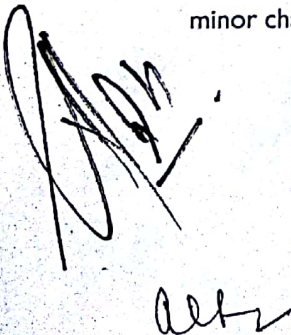
1. Professor G S Sambyal
2. Professor M. Asghar
3. Dr. Muheet Ahmed Butt
4. Mr. Qamar Rayees Khan
5. Mr. Majid B Malik
6. Dr. Sanjay Jamwal
7. Mr. Majid Ahmad
8. Mr. Mir Adil
9. Mr. Mudasir Ahmad
10. Mr. Haseeb A Khateeb

A. Agenda:

Discussion related to the amendment of curriculum of MCA syllabi for 2013, 2014 & 2015.

It was resolved by the entire committee members that it is required to make some amendments in the curriculum of the syllabi of MCA for 2013, 2014 & 2015.

Following is the curriculum structure that was deliberated upon, along with some suggestions for minor changes in the contents of the syllabi:



MCA-I Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---|--|
| 1 | MCA-131 | Mathematical Foundation of Computer Sciences | No Change |
| 2 | MCA-132 | Computer Fundamentals | MS Office related contents to be removed. Some subject introductions be introduced having relevance to the curriculum if possible. |
| 3 | MCA-133 | Operating System Concepts | No Change |
| 4 | MCA-134 | Digital Electronics | No Change |
| 5 | MCA-135 | Principles of Programming & Problem Solving using C | No Change |
| 6 | MCA-161 | Lab on MCA-134 | No Change |
| 7 | MCA-162 | Lab on MCA-135 | No Change |

MCA-II Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|--------------------------------------|---|
| 1 | MCA-231 | Object Oriented Analysis & Design | No Change |
| 2 | MCA-232 | Computer Organization & Architecture | No Change |
| 3 | MCA-233 | Data Communication | No Change |
| 4 | MCA-234 | RDBMS | Some dilution be made if possible. Make unit V as unit IV and IV Unit as last |
| 5 | MCA-235 | Data & File Structure using C | No Change |
| 6 | MCA-261 | Lab on MCA-234 | No Change |
| 7 | MCA-262 | Lab on MCA-235 | No Change |

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MCA-III Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---------------------------------------|--|
| 1 | MCA-331 | Software Engineering | Topics related to Agile and extreme programming be added. Case studies be assigned as assignment or presentation in class |
| 2 | MCA-332 | Analysis & Design of Algorithm | Programs be assigned as assignment or presentation in class |
| 3 | MCA-333 | Operations Research | No Change |
| 4 | MCA-334 | Linux & Shell Programming | Needs to revised for making it more relevant towards Linux. Remove 'ed' Editor |
| 5 | MCA-335 | Object Oriented Programming using C++ | No Change |
| 6 | MCA-361 | Lab on MCA 334 | No Change |
| 7 | MCA-362 | Lab on MCA 335 | No Change |

MCA-IV Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|-------------------------------|--|
| 1 | MCA-431 | Theory of Automata | No Change, ^{theory} Title should be changed as Theory of Computation. |
| 2 | MCA-432 | Computer Networks | RFC's be assigned as assignment or presentation in class |
| 3 | MCA-433 | Elective-X | No Change |
| 4 | MCA-434 | Dot Net Technologies using C# | Needs to be revised for adding some more topics |
| 5 | MCA-435 | Computer Graphics using C++ | No Change |
| 6 | MCA-461 | Lab on MCA-434 | No Change |
| 7 | MCA-462 | Lab on MCA-435 | No Change |

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MCA-V Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|--------------------------------|--|
| 1 | MCA-531 | Data Mining & Data Warehousing | No Change/ Make 'Data Mining & Data Warehousing' as elective and bring Computer Network and security as core subject keeping in view the UGC Guidelines. |
| 2 | MCA-532 | Artificial Intelligence | No Change |
| 3 | MCA-533 | Elective-X | No Change |
| 4 | MCA-534 | Web Technology using ASP.Net | No Change |
| 5 | MCA-535 | Core Java Programming | No Change |
| 6 | MCA-561 | Lab on MCA-534 | No Change |
| 7 | MCA-562 | Lab on MCA-535 | No Change |

MCA-VI Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|------------------------------|----------------------|
| 1 | MCA-631 | a) Dissertation | No Change |
| | | b) Seminar & Progress Report | No Change |
| | | c) Comprehensive Viva Voce | No Change |

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Date

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E2: Inf

Electives

| List of Electives (Elective-X) | Decision/ Suggestion |
|--|--|
| E1: Information Security | No Change |
| E2: Management Information system | No Change |
| E3: Bio Informatics | No Change |
| E4: Wireless & Mobile Communication | No Change |
| E5: Crypto graphic & Net Security | No Change/ Make 'Data Mining & Data Warehousing' as elective and bring Computer Network and security as core subject keeping in view the UGC Guidelines. |
| E6: Web Mining | No Change |
| E7: Simulation & Modeling | No Change |
| E8: Parallel & Distributing Processing | No Change |
| E9: 8086 Microprocessor | No Change |
| E10: System Programming | No Change/ To be renamed as System Software |
| E11: Software Testing | No Change |
| E12: Information Storage & Management | No Change |

B. Agenda:

Discussion related to the amendment of curriculum of BCA syllabi for 2013, 2014 & 2015.

It was resolved by the entire committee members that instead of 5 theory courses and 2 lab courses scheme it should be 4 theory courses and 2 lab courses scheme in every semester of BCA for 2013, 2014 & 2015. Moreover the syllabi needs to be diluted and deliberated keeping in view that BCA is a UG Course. Further external/ internal weightage of marks be kept 70:30 in uniformity with PG Courses.

Following is the curriculum structure that was deliberated upon, along with some suggestions for minor changes in the contents of the syllabi:

BCA-I Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|------------------------|-----------------------|
| 1 | BCA-111 | Discrete Mathematics-I | No Change |
| 2 | BCA-112 | General English | To be designed afresh |
| 3 | BCA-113 | Computer Fundamentals | No Change |
| 4 | BCA-114 | Digital Electronics | No Change |
| 6 | BCA -161 | Lab on BCA-113 | No Change |
| 7 | BCA -162 | Lab on BCA-114 | No Change |

BCA-II Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---|--|
| 1 | BCA-211 | Discrete Mathematics-II | No Change |
| 2 | BCA-212 | Communication Skills | To be designed afresh |
| 3 | BCA-213 | Principles of programming and problem solving through C | No Change in Terms of C language content, but add a unit of Data Structures. |
| 4 | BCA-214 | Database Management System | No Change |
| 6 | BCA-261 | Lab on BCA-213 | No Change |
| 7 | BCA-262 | Lab on BCA-214 | No Change |

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BCA-III Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|---------------------------------------|-----------------------|
| 1 | BCA 311 | Basic Calculus | No Change |
| 2 | BCA 312 | Operating System Concepts | No Change |
| 3 | BCA 313 | Object Oriented Programming using C++ | No Change |
| 4 | BCA 314 | Web Technology | To be designed afresh |
| 6 | BCA 361 | Lab on BCA-313 | No Change |
| 7 | BCA 362 | Lab on BCA-314 | No Change |

BCA-IV Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|----------------------------|--|
| 1 | BCA 411 | Data Communication | No Change |
| 2 | BCA 412 | System analysis and design | No Change |
| 3 | BCA 413 | Linux Operating System | To be designed afresh |
| 4 | BCA 414 | Numerical Techniques | No Change ^{in content, paper should be named as computer based Numerical Analysis using C.} |
| 6 | BCA 461 | Lab on BCA-413 | No Change |
| 7 | BCA 462 | Lab on BCA-414 | No Change |

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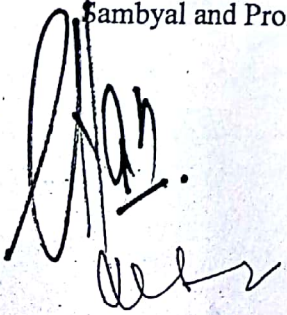
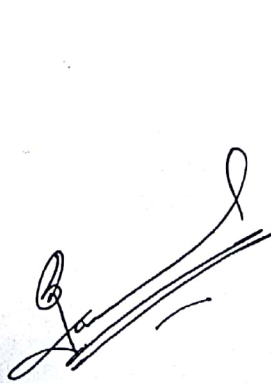
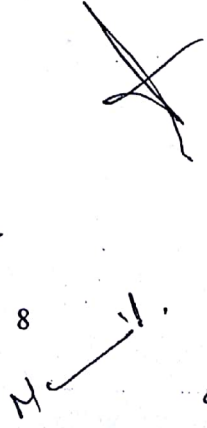
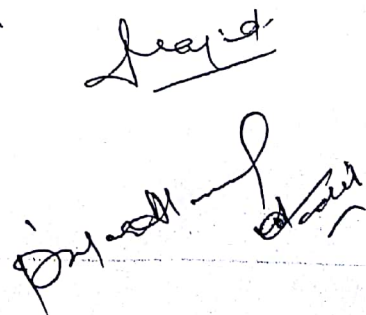
BCA-V Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|--|---|
| 1 | BCA 511 | Software Engineering | No Change |
| 2 | BCA 512 | Computer Networks & Security | To be designed afresh Keeping in view UGC Guidelines. |
| 3 | BCA 513 | Computer Graphics | No Change in content, paper should be named as computer graphics using C. |
| 4 | BCA 514 | Elective E1: Dot Net Technologies E2: Java Programming | To be designed afresh |
| 6 | BCA 561 | Lab on BCA-513 | No Change |
| 7 | BCA 562 | Lab on BCA-514 | No Change |

BCA-VI Semester

| SNo. | Course Code | Course Title | Decision/ Suggestion |
|------|-------------|-----------------------------|----------------------|
| 1 | BCA-611 | a) Dissertation | No Change |
| | | b) Academic Project Seminar | No Change |
| | | c) Project Viva Voce | No Change |

The meeting concluded with thanks to the members of the committee, particularly Prof G S Sambyal and Prof M Asghar Ghazi.

Signatures

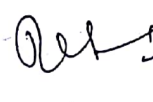
1. Professor G. S. Sambyal



2. Professor M. Asger

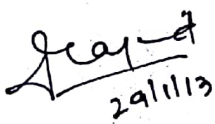


3. Mr. Qamar Rayees Khan



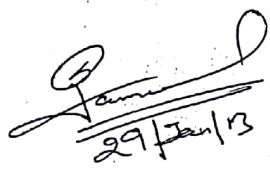
29/01/2013

4. Mr. Majid B Malik



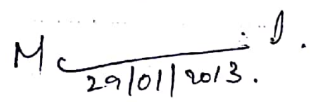
29/1/13

5. Dr. Sanjay Jamwal



29/Jan/13

6. Mr. Majid Ahmad

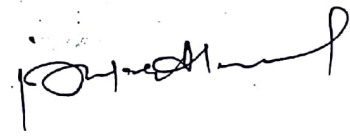


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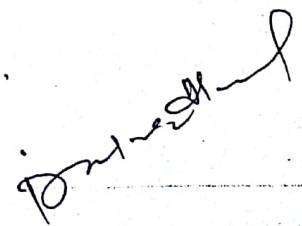
7. Mr. Mir Adil



8. Mr. Mudasir Ahmad



9
M. S. J.





Baba Ghulam Shah Badshah University Rajouri (J&K)

The Head
Department of Computer Sciences
BGSB University
Rajouri

No. BGSBU/Acad/13/1980-87
Dated: January 23, 2013

Subject: Meeting of Board of Studies in BCA & MCA.

Sir,

This is to inform you that the meeting of Board of Studies in the Department of Computer Sciences has been fixed for January 28, 2013. The External Expert for meeting is coming from Jammu.

You are requested to intimate all the faculty members of your Department and ensure their participation in the proceedings of the meeting.

Thanking you.

Yours faithfully,

Assistant Registrar
(Academic Affairs)



Baba Ghulam Shah Badshah University Rajouri – 185131 (J&K)

University Notification No. 02 of 2013 Dated: January 23, 2013

As provided under Statute 12 (3) of the Statutes of the Board of Studies, the Board of studies for School of Mathematical Sciences & Engineering is hereby notified.

1. Department of Computer Sciences

1. Prof. Mohammad Asger
2. Mr. Qamar Rayees Khan
3. Dr. Sanjay Jamwal
4. Prof. G. S. Sambyal

2. Department of Information Technology

1. Prof. Mohammad Asger
2. Mr. Tasleem Arif
3. Mr. Ed Gowhar
4. ~~Dr.~~ Muheet Ahmed Butt

3. Department of Applied Mathematics

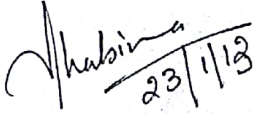
1. Prof. Mohammad Asger
2. Dr. Zaheer Abbas
3. Dr. Javid Iqbal
3. Prof. A. P. Singh

Sd/-
Dean Academic Affairs

No. BGSBU/Acad/13/1982-87
Dated: 23-1-2013

Copy to:

1. Dean, School of Mathematical Sciences & Engineering
2. Special Secretary to Hon'ble Vice Chancellor for kind information of Hon'ble Vice Chancellor
3. Head, Department of Information Technology
- ✓ 4. Head, Department of Computer Sciences
5. Head, Department of Applied Mathematics
4. Deputy Registrar Finance
5. All concerned
6. Office copy


23/1/13
Assistant Registrar
(Academic Affairs)



Baba Ghulam Shah Badshah University Rajouri (J&K)

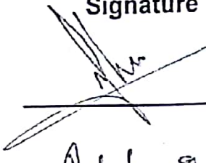
BOARD OF STUDIES

Meeting of Board of Studies of BCA, B. Sc. IT, M. Sc. IT and MCA held on January 28, 2013.

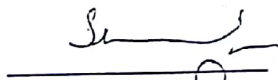
Following members attended the meeting:


1. Prof. Mohd Asger
2. Mr. Qamar Rayees Khan
3. Mr. Tasleem Arif
4. Dr. Sanjay Jamwal
5. Mr. Ed. Gowhar
6. Prof. G. S. Sambyal
7. Dr. Muheet Ahmed Butt
8. Mr. Majid Bashir Malik
9. Mr. Vinod Sharma
10. Mr. Ahtsham Malik
11. Mr. Majid Ahmed
12. Mr. Mir Adil
13. Mr. Mudasir Ahmed Mantoo

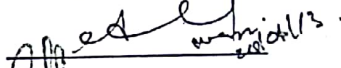
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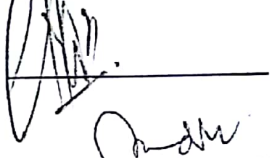


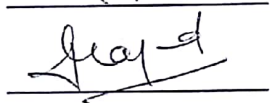
28/01/2013

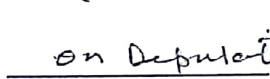


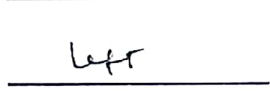





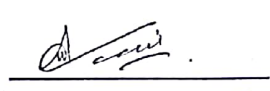


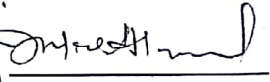











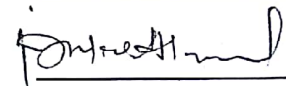


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Minutes of Meeting

A meeting of Board of Studies was held on 20th of January at 10:30am in the Department of Computer Sciences to discuss and deliberate on the curriculum structure and syllabi of M.Sc. Computer Science and MCA under the chairmanship of Professor M Asger, Dean School of Mathematical and Computer Science, BGSBU.

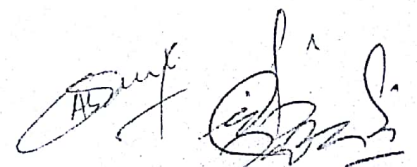
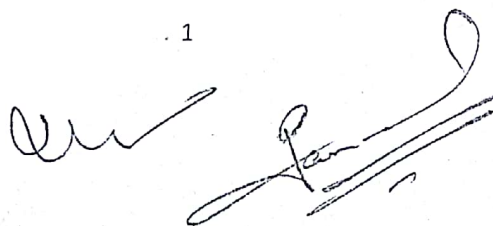
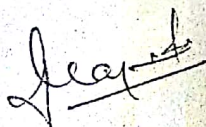
Following members attended meeting of Board of Studies:

1. Professor Vinod Sharma, Head Department of Computer Science and Information Technology, University of Jammu (Member Expert),
2. Mr. Qamar Rayees Khan, Head Department of Computer Science, BGSBU & Member BOS,
3. Mr. Majid B Malik, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS,
4. Dr. Sanjay Jamwal, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS,
5. Mr. Muzaffar Ahmad, Lecturer, Department of Computer Science,
6. Mr. Abdul Quayoom, Lecturer, Department of Computer Science,
7. Mr. Syed Fayek Jeelani, Lecturer, Department of Computer Science.

The meeting started with threadbare discussion on curriculum of the syllabus and thereafter each and every syllabus was discussed and deliberated.

Various points resolved during the discussion related to the curriculum are as follows:

1. 'Mathematical Foundation of Computer Sciences' with course code MC-141 be renamed as 'Mathematical Foundation of Computer Science',
2. 'Operating System Concepts' with course code MC-143 be renamed as 'Operating Systems'
3. 'Lab on Computer Fundamentals' with course code MC-171 be renamed as 'Lab 1: PC Software',



4. 'Lab on C Programming' with course code MC-172 be renamed as 'Lab 2: C Programming'
5. 'Computer Organization & Architecture' with course code MC-242 be renamed as 'Computer System Architecture'
6. 'Data and File Structure using C++' with course code MC-243 be renamed as 'Data and File Structures using C++',
7. 'Lab on C++' with course code MC-271 be renamed as 'Lab 3: C++'
8. 'Lab on Data and File Structure using C++' with course code MC-272 be renamed as 'Lab 4: Data and File Structures using C++'
9. 'RDBMS' with course code MC-343 be renamed as 'Relational Database Management System',
10. 'Core Java Programming' with course code MC-344 be renamed as 'Java Programming',
11. 'Lab on RDBMS' with course code MC-371 be renamed as 'Lab 5: Relational Database Management System'
12. 'Lab on Core Java Programming' with course code MC-372 be renamed as 'Lab 6: Java Programming',
13. 'Minor Academic Project' with course code MC-443 be renamed as 'Minor Project'.
14. 'Information Storage and Management' with course code MC-448 be renamed as 'Data Storage and Management',
15. 'Lab on Dot Net Technologies using C#' with course code MC-471 be renamed as 'Lab 7: Dot Net Technologies using C#',
16. One more course 'Cloud Computing' be added to the list of Choice based complimentary electives of Semester V.
17. 'Web Technology using ASP.Net' with course code MC-543 be renamed as 'Web Technologies',
18. 'Data Mining and Data Warehousing' with course code MC-544 be renamed as 'Data Warehousing and Data Mining',

19. 'Parallel and Distributed Processing' with course code MC-545 be renamed as 'Parallel and Distributed Computing'
20. In place of '8086 Microprocessors', Compiler Design be inducted with same course code i.e. MC-547,
21. One more course 'Big Data Analytics' be added to the list of Choice based complimentary electives of Semester-V
22. The name of the Semester V project work and code shall be as under:

Course Code: MC-641

Course Title: Major Project

Credits: 24

Total Marks: 600
23. The division of components and marks of the course code MC-641 in Semester VI shall be as follows:

| Components | IA | UE |
|--------------|------------|------------|
| Project Work | - | 100 |
| Presentation | 100 | 150 |
| Viva Voce | 100 | 150 |
| Total | 200 | 400 |

Following is the list of suggestions that were proposed as far as contents of the syllabi are concerned:

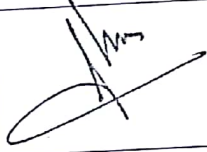



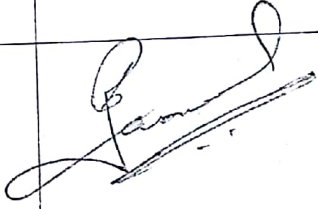
1. Basic concepts of System Analysis and Design like System definition, SDLC, Feasibility Study, etc. be added to the course code MC-241: Software Engineering and Unit-V of the same syllabi be diluted.
2. The title of the Unit-V of course code MC-448: Data Storage and Management be renamed as 'Data Storage on Cloud' and contents be adjusted.

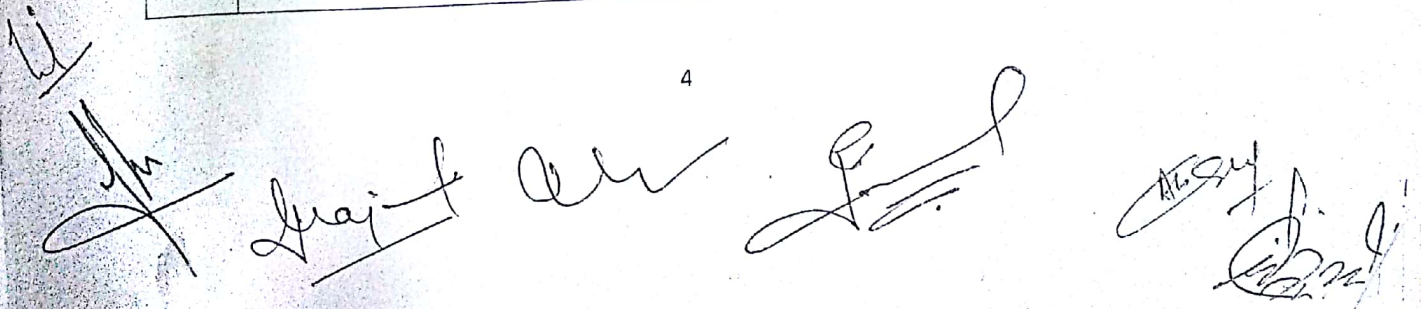
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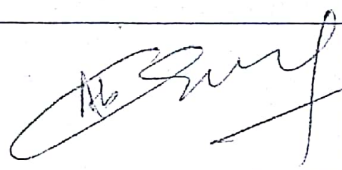
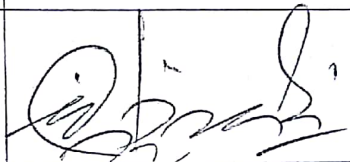
3. In Unit-III of course code MC 343: Relational Database Management Systems detailed concept of Normalization be added as has been done in the syllabus of MIT of same course.
4. The title of Unit-IV of course code MC 343: Relational Database Management Systems be renamed as 'Concurrency',
5. 'Types of Cursors' to be removed from unit-V of course code MC 343: Relational Database Management Systems,

The points were taken positively and changes as suggested by the board shall be made as soon as possible and submitted for further necessary action.

The meeting ended with thanks to the chair.

| S.No | Name of the Member | Signature |
|------|--|---|
| 1 | Professor M Asger, Dean School of Mathematical and Computer Science, BGSBU. |  |
| 2 | Professor Vinod Sharma, Head Department of Computer Science and Information Technology, University of Jammu. (Member Expert) |  |
| 3 | Mr. Qamar Rayees Khan, Head Department of Computer Science, BGSBU & Member BOS. |  |
| 4 | Mr. Majid B Malik, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS. |  |
| 5 | Dr. Sanjay Jamwal, Sr. Asst. Professor, Department of Computer Science, BGSBU & Member BOS. |  |



| | | |
|---|---|---|
| 6 | Mr. Muzaffar Ahmad, Lecturer, Department of Computer Science. | |
| 7 | Mr. Abdul Quayoom, Lecturer, Department of Computer Science. |  |
| 8 | Mr. Syed Fayed Jeelani, Lecturer, Department of Computer Science. |  |



Baba Ghulam Shah Badshah University Rajouri – 185131 (J&K)

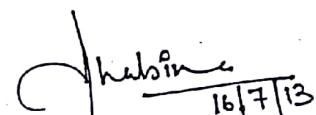
UNIVERSITY NOTIFICATION NO: 07 OF 2013 DATED: 16-07-2013

As approved by Hon'ble Vice Chancellor in anticipation of confirmation by Academic Council, the Curriculum Structure and Syllabi of Bachelor of Computer Applications (BCA), Bachelor of Information Technology (B. Sc. IT), Masters in Computer Applications (MCA), Masters of Information Technology (M. Sc. IT) and Masters in Arabic (MAR) are hereby notified for information of all concerned.

Incase deemed necessary any modifications in the notified Syllabi shall be made only after the completion of the life of the syllabi being notified.

Sd/-
Dean Academic Affairs

No.: BGSBUR/Acad/13/1408-18
Dated: 16-7-2013


16/7/13
Assistant Registrar
(Academic Affairs)

Copy to:

1. S.S. to Hon'ble Vice Chancellor for kind Information of Hon'ble Vice-Chancellor
2. Secretary to Academic Council (Registrar)
3. Controller of Examinations (along with syllabus copy)
4. Dean Academic Affairs
5. Dean, School of Mathematical Sciences and Engineering
6. Head Department of Arabic (along with syllabus copy)
7. Assistant Controller of Examinations for information and necessary action.
8. Incharge Head, Department of Computer Science (along with syllabus copy)
9. Incharge Head, Department of Information Technology (along with syllabus copy)
10. All concerned
11. Office copy



Dava Ghulam Shah Badshah University Rajouri – 185234 (J&K)

UNIVERSITY NOTIFICATION NO: 07 OF 2017 DATED 26-4-2017

As approved by Hon'ble Vice Chancellor, the Syllabi and Course Schemes of MBA, MBA – H&T, MCA & MCS, M. Ed., M.A. Economics, M.A.English, M.A. Arabic, M.A. Urdu, M. Sc. IT, M.Sc. Botany, M.Sc. Zoology, M.Sc. Mathematics, M.Sc. Mathematics (Spl. in Applied Mathematics), Diploma in Front Office, House Keeping, Food & Beverage Services and B. A. Arabic (Hons.) are hereby notified for information of all concerned.

The approval has been accorded by the Competent Authority under the powers vested in him by Statute - 2, 3 (5) of the University Calendar, Volume – I, Page No. 29. The Action taken shall be reported to the Academic Council for confirmation.

The life of all the Syllabi is 3 years i.e. 2017-18, 2018-19 & 2019-2020.

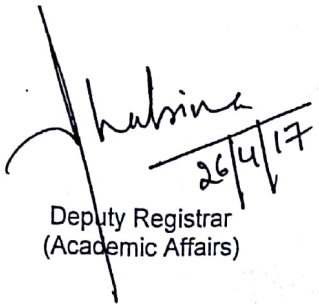
In case deemed necessary any modifications in the notified Syllabi shall be made only after the completion of the life of the syllabi being notified.

Sd/-
Registrar

No:BGSSBU/Acad/280-90
Dated: 26-4-2017

Copy to:

1. Special Secretary to Hon'ble Vice Chancellor for the kind information of Hon'ble Vice Chancellor
2. Dean Academic Affairs
3. Controller of Examinations
4. Joint Registrar
5. Dean, School of Mathematical & Computer Sciences
6. Dean School of Biosciences & Biotechnology
7. Dean, School of Management Studies
8. All Heads of the Departments
9. Deputy Controller of Examinations
10. All Concerned
11. Office copy


26/4/17
Deputy Registrar
(Academic Affairs)



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 29th 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



School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

Rajouri (J&K)-185234

E- mail: arabicbgsbu@gmail.com, Website: www.bgsbuniversity.org, Mobile: 9419103564

Minutes of the Meeting

A meeting of Board of Studies of the School of Islamic Studies and Languages was held on 13th of January 2017 in the conference Hall of the Department to draft and revise the syllabi of M A Arabic, Islamic Studies and Urdu for the year 2017 onwards. The following experts were present.

1. Dr. Shams Kamal Anjum, Head, Department of Arabic **(Convener)**
2. Prof. S Kafeel Ahmed Qasmi, Former Dean, Faculty of Arts, former Chairman, Department of Arabic Aligarh Muslim University, **(External Expert of Arabic)**
3. Prof. Sayyid Ahsan, Chairman, Department of Islamic Studies, Aligarh Muslim University, **(External Expert of Islamic Studies)**
4. Prof. Quddus Jawaid, former HoD Urdu, University of Kashmir **(External Expert of Urdu)**
5. Dr. Md Affan, Assistant Professor, Arabic, BGSBU
6. Dr. Mohd Azam, Assistant Professor, Arabic, BGSBU
7. Dr. Manzar Alam, Assistant Professor, Arabic, BGSBU
8. Dr. Layaqat Hussain, Assistant Professor, Urdu, BGSBU
9. Dr. Mushtaq Ahemd Wani, Assistant Professor

The Board drafted syllabi of M A in Urdu, Islamic Studies, and revised the syllabi of Arabic. The Board made the following Recommendations:

1. MA in Arabic

The Board resolved that:

- The medium of teaching and examinations of the following courses shall be in Arabic:
 - a. Arabic Grammar and Morphology
 - b. Fundamentals of Rhetoric
 - c. Fundamentals of Literary Criticism
 - d. Research Methodology

Dr. Shams Kamal Anjum
B.1. 2017

Md. Manzar Alam
13/1/17

Dr. Sayyid Ahsan

Dr. Quddus Jawaid
13/1/17



School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

Rajouri (J&K)-185234

E- mail: arabicbgsbu@gmail.com, Website: www.bgsbuniversity.org, Mobile: 9419103564

3. MA in Urdu

- The Board drafted syllabi of M A in Urdu and approved the syllabi with the following course structure:

Semester I

| Course Code | Course Title | Credits | Distribution of Marks | | |
|----------------------|-----------------------|-----------|-----------------------|------------------------|------------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MUR-101 | Classical Urdu Ghazal | 4 | 40 | 60 | 100 |
| MUR-102 | Urdu Masnavi | 4 | 40 | 60 | 100 |
| MUR-103 | Urdu Qasida | 4 | 40 | 60 | 100 |
| MUR-104 | Urdu Marsiya | 4 | 40 | 60 | 100 |
| Total | | 16 | 160 | 240 | 400 |

Semester II

| Course Code | Course Title | Credits | Distribution of Marks | | |
|--|---------------------------------------|---------|-----------------------|------------------------|-------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MUR-201 | Jadeed Urdu Ghazal | 4 | 40 | 60 | 100 |
| MUR-202 | Jadeed Urdu Nazam | 4 | 40 | 60 | 100 |
| MUR-203 | Urdu Novel | 4 | 40 | 60 | 100 |
| MUR-204 | Urdu Afsana | | | | |
| Choice Based Open Elective Course (Students are required to opt any one of the following courses) | | | | | |
| Math- 201 | Applied Calculus | 4 | 40 | 60 | 100 |
| IT. 202 | Soft Skills in Information Technology | 4 | 40 | 60 | 100 |
| Comp-203 | Computer Applications and Operations | 4 | 40 | 60 | 100 |
| Bio- 204 | Fundamentals of Biotechnology | 4 | 40 | 60 | 100 |
| Bot- 205 | Mysteries of Green Plants | 4 | 40 | 60 | 100 |
| Bot- 206 | Botany in Rural Developments | 4 | 40 | 60 | 100 |
| Zol- 207 | Nutrition, Health & Hygiene | 4 | 40 | 60 | 100 |
| Eng- 209 | Applied English | 4 | 40 | 60 | 100 |
| Edu- 210 | Higher Education | 4 | 40 | 60 | 100 |
| Eco- 211 | Principles of Banking | 4 | 40 | 60 | 100 |

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M. S. Khan
5.6.18



School of Islamic Studies and Languages

Baba Ghulam Shah Badshah University

Rajouri (J&K)-185234

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| | | | | | |
|--------------|------------------------------------|-----------|------------|------------|------------|
| HT- 212 | Basic of Tourism and Travel Agency | 4 | 40 | 60 | 100 |
| HT- 213 | Tourism Resources of J&K | 4 | 40 | 60 | 100 |
| Total | | 16 | 160 | 240 | 400 |

Semester III

| Course Code | Course Title | Credits | Distribution of Marks | | |
|---|--|-----------|-----------------------|------------------------|------------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MUR-301 | Urdu Nasar Ki Tareekh | 4 | 40 | 60 | 100 |
| MUR-302 | Urdu Adab Ki Tareekh | 4 | 40 | 60 | 100 |
| MUR-303 | Urdu Drama | 4 | 40 | 60 | 100 |
| MUR-304 | Urdu Main Adabi Tahreekat O Ruhjanat | 4 | 40 | 60 | 100 |
| Electives (Any one of the following) | | | | | |
| MUR-305 | Special Study of Mir Taqi-Mir | 4 | 40 | 60 | 100 |
| MUR-306 | Special Study of Iqbal | 4 | 40 | 60 | 100 |
| MUR-307 | Special Study of Prem Chand | 4 | 40 | 60 | 100 |
| MUR-308 | Special Study of Sir Syed Tahreek | 4 | 40 | 60 | 100 |
| MUR-309 | Translation Urdu to English and Vice Versa | 4 | 40 | 60 | 100 |
| Total | | 16 | 160 | 240 | 400 |

Semester- IV

| Course Code | Course Title | Credits | Distribution of Marks | | |
|----------------------|--|---------|-----------------------|------------------------|-------|
| | | | Sessional Assessment | University Examination | Total |
| Core Courses: | | | | | |
| MUR-401 | Ghair Afsanavi Nasar | 4 | 40 | 60 | 100 |
| MUR-402 | Urdu main Tahqeeq aur tanqeed ki Rewayat | 4 | 40 | 60 | 100 |
| MUR-403 | Urdu ke maisar adabi nazireyat(Theories) | 4 | 40 | 60 | 100 |
| MUR-404 | Zaraya Tarseel o Ibagh | 4 | 40 | 60 | 100 |

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Md. Afan
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- It was also resolved that the members of Board of Studies from the Department will make minor modifications according to needs and requirements.

The meeting ended with thanks to the chair

Dr. Shams Kamal Anjum

Prof. S Kafeel Ahmed Qasmi

Prof. Sayyid Ahsan

Prof. Quddus Jawaaid

Dr. Md Affan

Dr. Mohd Azam

Dr. Manzar Alam

Dr. Layaqat Hussain

Dr. Mushtaq Ahemd Wani

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S. K. Qasmi - 13.1.2017

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Md. Affan

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Manzar Alam

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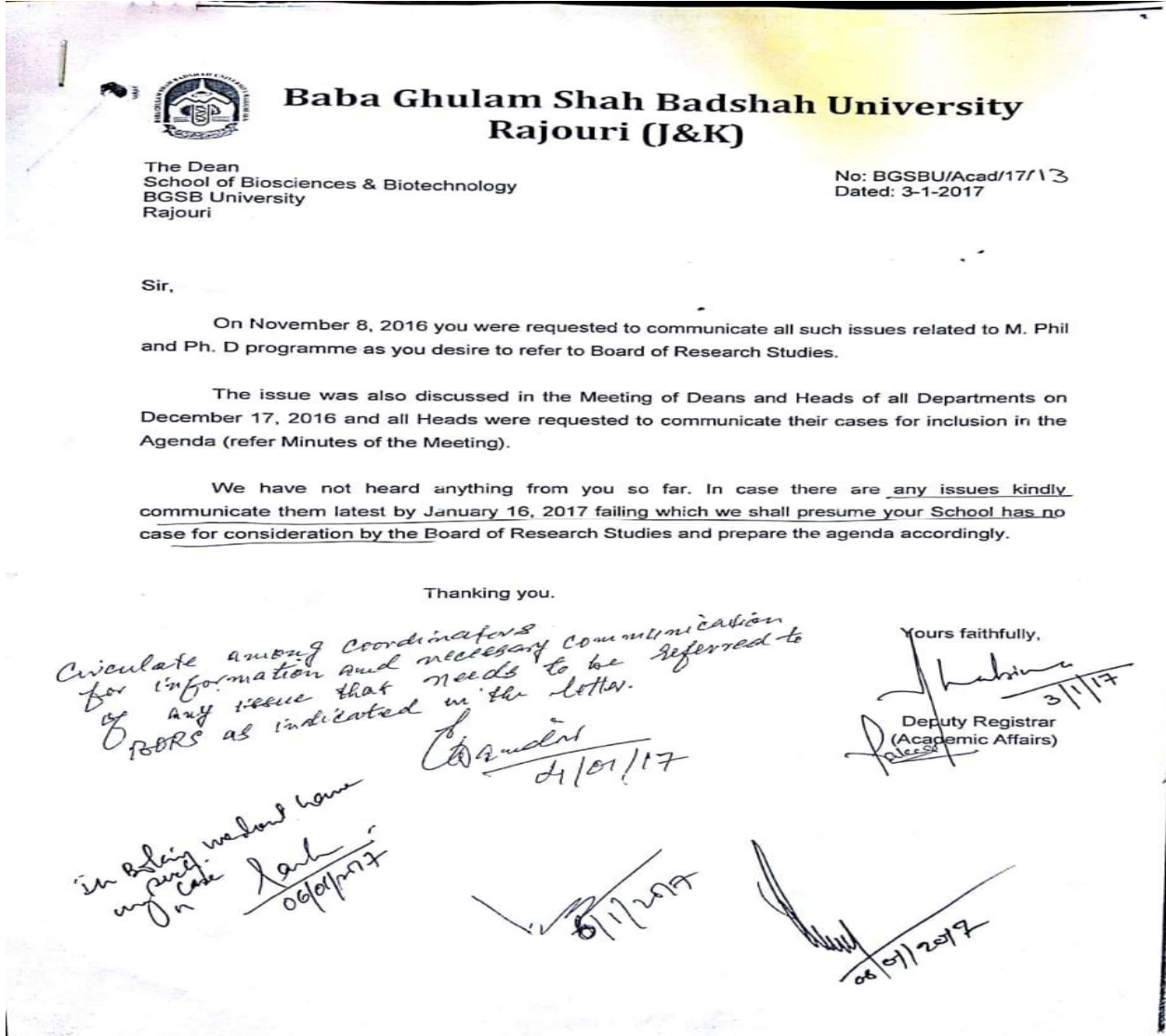
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Md. Affan
Manzar Alam
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Annexure I-B

Syllabus revision during last five years

BOS meeting



**Minutes of the meeting of Board of Studies in Zoology
School of Biosciences and Biotechnology**

Pursuant upon Registrar office letter No. BGSBU/Acad/790-95, dated 20-12-2016, the meeting of the Board of Studies in Zoology was held today, on December 29, 2016 in the office of the Dean, School of Biosciences and Biotechnology.

Present:

The following were present:

1. Prof. G.H. Dar, Dean, School of Biosciences and Biotechnology (Convener)
2. Prof. S. M. A. Abidi, Department of Zoology, Aligarh Muslim University, Aligarh (External Expert)
3. Dr. Susheel Verma, Academic Coordinator, Biotechnology, BGSB University (Member)
4. Dr. A.A. Shah, Academic Coordinator, Zoology, BGSB University (Member)
5. Dr. Shreekar Pant, Academic Coordinator, Botany, BGSB University (Member)
6. Dr. Saima Aslam, Assistant Professor in Biotechnology, BGSB University (Member)
7. Dr. Amir Raja, Assistant Professor in Biotechnology, BGSB University (Co-opted)
8. Dr. Shavish Vaid, Assistant Professor (contractual), Department of Zoology, BGSB University (By special invitation)
9. Dr. M. A. Hannan Khan, Assistant Professor (contractual), Department of Zoology, BGSB University (By special invitation)

Agenda:

- i. To draft syllabi for theory and laboratory courses for I to IV semesters of M. Sc. Zoology programme for the years as shown against each Semester below:

| | |
|--------------|-------------------|
| I Semester | 2017, 2018 & 2019 |
| II Semester | 2017, 2018 & 2019 |
| III Semester | 2018, 2019 & 2020 |
| IV Semester | 2018, 2019 & 2020 |

- ii. To draft syllabi of open courses in Zoology for students of other Departments/Schools.

Resolution:

The members thoroughly went through the drafts of syllabi for theory and laboratory courses for I to IV Semesters of M. Sc. Zoology prepared by the faculty for the years 2017-2020. Draft syllabi of Open Choice Courses in Zoology developed for students of other Departments/Schools were also discussed. The following recommendations were made after prolonged deliberations:

A-Semester-Wise Recommendations:

The draft syllabi developed for theory and lab. courses for I to IV Semesters be approved with modifications/incorporations shown in each Semester as follows:

Semester I

- i. A paper on Toxicology should be introduced.
- ii. To add programmed cell death in Zol-153 unit 3rd subunit 3.4.
- iii. To add exercise on preparation of stained permanent slides of given specimens.
- iv. To add exercise in Zol-161- lymphocyte chromosome preparation using DAPI dye and visualizing under fluorescent microscope.
- v. To replace *Paramecium* and *Euglena* from Zol-162, lab exercise number 2. with Tape worm and Liver fluke.
- vi. To add exercise-Agarose gel electrophoresis.
- vii. To replace exercise 11 with 'isolation of RNA using Trizol-method' in Zol-162.
- viii. To add Northern, Southern and Western blotting as 14th exercise in Zol-162.
- ix. Paper entitled bacteria and viruses should be opted out from the syllabi.

Semester II

- i. To add transgenic animals models (Zebra fish, *C. elegans*) in Zol 251 unit 3 subunit 3.2.

- ii. Replace subunit 1.2 with subunit 2.2 in Zol 251.
- iii. Reorganize unit 1 and 2 in Zol 251 as shown in draft.
- iv. Rearrange the units in Zol 253 as shown in draft.
- v. To add analysis of variance (one way and two way ANOVA) in Zol 260 lab course.
- vi. To add lab ethics and ozone formation in Zol 261.
- vii. To delete exercise in Zol 261 lab.

Semester III

- i. To introduce a new course entitled 'Embryology and Histology' of 02 credits as Zol- 354.
- ii. To reduce 4 credits paper of the entitled 'Animal Biotechnology' (Zol 350) to 2 credits.
- iii. To add in unit 4 subunit 4.2: Immunolocalization of antigens- fluorescence and confocal microscopy. RIA (Principles, properties and applications) advantages and disadvantages.
- iv. In Zol-352, introduce raising polyclonal antibodies and antigen preparation in unit 5 subunit 5.1.

Semester IV

- i. Dissertation with 4 credit work load of 100 marks (break up 80:20) shall be introduced.
- ii. Delete Zol-452 'Insects and Fishes: Structure and Diversity'.
- iii. Zol-453 be kept as a new course entitled 'Fundamentals of Endocrinology'
- iv. Zol-455 'Human Genetics' be redesigned as shown in the draft.
- v. Zol-456 'Wildlife Biology Conservation and Management' be rearranged.

B- General Observations/ Suggestions

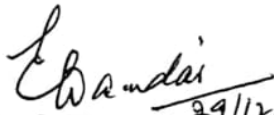
In addition to the aforesaid recommendations, the external expert emphatically made the following suggestions for taking up with the university authorities:

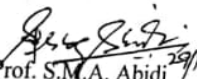
1. For undertaking Dissertation work in 4th Semester, each student be provided an amount of Rs. 10,000.

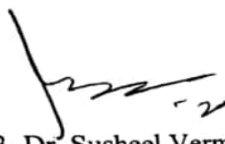
In the end, the Dean, School of Biosciences and Biotechnology (Convener of BoS) thanked the expert for sparing his time for the meeting and providing valuable inputs and expertise in developing a standard Course Curriculum for M.Sc. Zoology programme. He also thanked all members of the Board for their painstaking and active participation in this meeting.

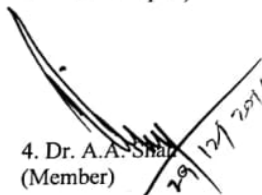
The meeting ended with a vote of thanks to the Chair.


**Baba Ghulam Shah Badshah University
Rajouri-185 234 (J&K)**

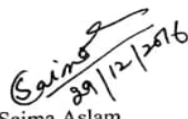

1. Prof. G.H. Dar
(Convener) 29/12/16

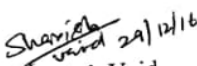

2. Prof. S.M.A. Abidi
(External Expert) 29/12/2016



3. Dr. Susheel Verma
(Member) 29/12/16



4. Dr. A.A. Shah
(Member) 29/12/2016


5. Dr. Shreekar Singh
(Member) 29/12/2016


6. Dr. Saima Aslam
(Member) 29/12/2016


7. Dr. Shavish Vaid
(Special Invitee) 29/12/16


8. Dr. Hanan Khan
(Special Invitee)


9. Dr. Raja Amir
(Co-opted) 29/12/2016