DEPARTMENT OF SOCIOLOGY

DATE: 27/08/2021

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|---|--------------------|-----------|
| 1 | Prof. Mohini Acharya (Chairman) Dean Faculty of Education & Sociology | Chairman | Mogliere |
| 2 | Prof. Sushila Pareek, Member (External) Associate Professor, Department of Sociology, University of Rajasthan, Jaipur (Rajasthan) | External Member | Spl |
| 3 | Prof. Santosh Meena, Member (External) Head, Department of Sociology, Banasthali University, Tonk (Rajasthan) | External Member | 27/8/20) |
| 4 | Mr. Manoj Kumar Yadav, (Member) Assistant Professor, Department of Sociology, | Internal Member | 27/8/21 |
| 5 | Dr. Durga prasad, (Member) Assistant Professor, Department of Sociology, | Internal Member | Does |
| 6 | Mr. Anurag Dadhich | Alumni | mre |
| 7 | Dr. Ravindra Kumar, (Convenor) Assistant Professor & Head | Convener | B 27/8/21 |

OFFICE OF THE REGISTRAR MEWAR UNIVERSITY, GANGRAR (CHITTORGARH) RAJASTHAN

Ref. No.: MU/RO/2021/87/-A

25th June 2021

OFFICE ORDER

Sub: Reconstitution of Board of Studies for Department of Physiotherapy

The Board of Studies for the Department of Physiotherapy is reconstituted as per Rule 7 of Statutes of Mewar University, as under:

1) Mr. Dhwai kirti Sharma (Dean Academics)

- Chairman

2) Dr. Faig Ahmad, Assistant Professor

- Internal Member

3) Dr. Deepak Sharma, (Principal, Udaipur Institute of Physiotherapy - External Member

4) Dr. Saurbh Jain, (Asst. Professor, Pacific Medical College)

- External Member

5) Dr. R.D Bhatt, Senior Physician Pal Hospital

Hospital Member (External)

6) Ms. Shanti Nath, Assistant Professor

- Internal Member

7) Dr. Yudhisthir Panwar (Head & Assistant Professor)

- Convener

The terms of reference for the Board of Studies are as provided in Rule 7 of Statutes.

The Chairman of the Board of Studies may associate any member in the meeting as special invitee if it is considered his association will be contribute in the task of the meeting, with the approval of President/ Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of BOS seeking convenience of the Chairman on 1st Week of July 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled for TA/DA and sitting fees as per the norms prescribed by the Mewar University.

Copy to:

- PS to Hon'ble Chairperson (for kind information)
- PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- · All concerned Deans/Directors/HoD's (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- Coordinator, IQAC Cell.
- Record file.

Registrar Mewar University Gangrar, (Chittorgarh)

DEPARTMENT OF PHYSIOTHERAPY

DATE: 05th July 2021

Minutes of Meeting of Board of Studies

Minutes of the BOS of the Department of Physiotherapy meeting held on 05-07-2021 at 11.30 AM in room no. 135.

The following members were present: (Annexure 1)

1) Mr. Dhwaj kirti Sharma, Dean Academics

- Chairman

2) Dr.Faiq Ahmad, Assistant Professor

- Internal Member

3) Dr. Deepak Sharma, (Principal, Udaipur Institute of Physiotherapy

- External Member

4) Dr. Saurbh Jain, (Asst. Professor, Pacific Medical College)

5) Dr. R.D Bhatt, Senior Physician P al Hospital

- External Member

6) Ms. Shanti Nath. Assistant Professor

- Hospital Member (External)
- Internal Member

7) Dr. Yudhisthir Panwar (Head & Assistant Professor)

- Convener

Dr. Yudhisthir Panwar (Head, Department of Physiotherapy) warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 1: To approve minutes of the previous BOS, held on 12-05-2020

Resolution: Minutes of the previous BOS of the Physiotherapy Department held on 12-05-2020 were discussed and approved.

Agenda 2: Brief presentation of academic activities of the department before the BOS Committee by the convener

Resolution: Dr. Yudhisthir Panwar (Head of the Physiotherapy department) presented a departmental activity report mentioning all the activities conducted related to curricular development, research and development, faculty development and Industrial collaboration.

Agenda 3: Reviewof Existing Programmes/Courses

Resolution: The Committee reviewed the scheme and syllabus of BPT and approved it without any change for the session 2021-22.

Agenda 4: Introduction of New Programmes/Course

Resolution: As per suggestions received from the members of the BOS committee, a new programme MPT (Master of Physiotherapy) was introduced for the upcoming session 2021-22 The detailed syllabus and scheme are attached as **Annexure 2**.

Agenda 4: Any other suggestions by the BOS committee

Resolution: The BOS members suggested that the attainment of the Programme Outcome and Course outcome need to be pursued and may be taken up for discussion in its next meeting.

Agenda 5: To recommend the approved syllabus to Academic Council.

Resolution: Members of the Board of Studies approved the syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was dissolved with thanks to the Chair and all the Board of Studies Members.



DEPARTMENT OF PHYSIOTHERAPY

DATE: 05th July 2021

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|---|-------------------------------|----------------------|
| 1 | Mr Dhwaj kirti Sharma Dean Academics | Chairman | \$ |
| 2 | Dr. Deepak Sharma (Principal, Udaipur Institute of Physiotherapy) | External Member | Descept |
| 3 | Dr. Saurbh Jain (Asst. Professor, Pacific Medical College) | External Member | Cauch |
| 4 | Dr. Faiq Ahmad (Head of Paramedical & Assistant Professor | Internal Member | Vindamar Or American |
| 5 | Dr. R.D Bhatt (Senior Physician Pal Hospital) - | Hospital Member (External) | P Rhouts |
| 6 | Ms. Shanti Nath Asst. Professor | Internal Member | Senti 721 |
| 7 | Dr. Yudhisthir Panwar (Head & Assistant Professor | Convener | austin 6 |

Suggestions by External Expert 1

Suggestions by External Expert 2

Index of MPT Syllabus

M.P.T 1st Year MPT IN ORTHOPEDICS

| Course | Specialisation | Sub.Code | Subjects | External | Int, Assessment | Grand Total | Credits | Teaching Hrs./Week |
|--------|----------------|----------|---|----------|--------------------|----------------|---------|-----------------------|
| MPT | | MC-101 | Basic Human Sciences | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-102 | Biomechanics & Kinesiology | 60 | 40 | 100 | 4 | 4 |
| MPT | MPT IN | MC-103 | Physical and Functional Diagnosis & Recent Advances in Physiotherapy | 60 | 40 | 100 | 4 | 4 |
| MPT | ORTHOPEDICS | MC-104 | Research Methodology with Evidence Based Practice | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-105 | Pedagogy And Management | 60 | 40 | 100 | 4 | 4 |
| MPT | 3. | MC-106 | Skills acquisition and refinement | | 50 | 50 | 2 | 24 |
| MPT | | MC-107 | Dissertation | | 50 | 50 | 2 | 4 |

M.P.T 2nd Year MPT IN ORTHOPEDICS

| 60 | 40 | 100 | - 4 | 4 |
|-----|-----------|------------------|--------------------------|-------------------------------|
| 60 | 40 | 100 | 4 | 4 |
| 200 | 100 | 300 | 12 | 24 |
| 150 | 50 | 200 | 8 | 4 |
| | 60 200 | 60 40 200 100 | 60 40 100 200 100 300 | 60 40 100 4 200 100 300 12 |

M.P.T 1st Year MPT IN NEUROLOGY

| Course | Specialisation | Sub.Code | Subjects | External | Int. Assessment | Grand Total | Credits | Teaching Hrs./Week |
|--------|---------------------|----------|---|----------|--------------------|----------------|---------|-----------------------|
| MPT | | MC-101 | Basic Human Sciences | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-102 | Biomechanics & Kinesiology | 60 | 40 | 100 | 4 | 4 |
| MPT | MPT IN NEUROLOGY | MC-103 | Physical and Functional Diagnosis & Recent Advances in Physiotherapy | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-104 | Research Methodology with Evidence Based Practice | | 40 | 100 | 4 | 4 |
| MPT | | MC-105 | Pedagogy And Management | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-106 | Skills acquisition and refinement | | 50 | 50 | 2 | 24 |
| MPT | | MC-107 | Dissertation | | 50 | 50 | 2 | 4 |

| MPT | MPT IN NEUROLOGY | MN-201 | Neuroscience and Paediatric Biosciences | 60 | 40 | 100 | 4 | 4 |
|-----|---------------------|--------|---|-----|-----|-----|-----|----|
| MPT | MPT IN NEUROLOGY | MN-202 | Physiotherapy for spinal cord injury, Geriatric Rehabilitation, Advanced Neuro Physiotherapy | 60 | 40 | 100 | 4 | 4 |
| MPT | | MN-203 | Skill enhancing (Practical) | 200 | 100 | 300 | 12 | 24 |
| MPT | | MN-204 | Dissertation | 150 | 50 | 200 | - 8 | 4 |

M.P.T 1st Year MPT IN CARDIO PULMONARY DISEASES

| Course | Specialisation | Sub.Code | Subjects | External | Int. Assessment | Grand Total | Credits | Teaching Hrs./Week |
|--------|--|----------|---|----------|--------------------|----------------|---------|-----------------------|
| MPT | | MC-101 | Basic Human Sciences | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-102 | Biomechanics & Kinesiology | 60 | 40 | 100 | 4 | 4 |
| MPT | MPT IN CARDIO PULMONARY DISEASES | MC-103 | Physical and Functional Diagnosis & Recent Advances in Physiotherapy | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC+104 | Research Methodology with Evidence Based Practice & Biostatistics | | 40 | 100 | 4 | 4 |
| MPT | | MC-105 | Pedagogy And Management | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-106 | Skills acquisition and refinement | | 50 | 50 | 2 | 24 |
| MPT | | MC-107 | Dissertation | | 50 | 50 | 2 | - 4 |

M.P.T 2nd Year MPT IN CARDIO PULMONARY DISEASES

| МРТ | MPT IN CARDIO PULMONARY *DISEASES | MCP-201 | Cardio Respiratory Sciences and Rehabilitation | 60 | 40 | 100 | 4 | 4 |
|-----|---|---------|--|-----|-----|-----|----|----|
| MPT | MPT IN CARDIO PULMONARY DISEASES | MCP-202 | Acute Cardio Respiratory Practice, Fitness Training & Health Promotion | 60 | 40 | 100 | 4 | 4 |
| MPT | 11111,033,033,030 | MCP-203 | Skill enhancing (Practical) | 200 | 100 | 300 | 12 | 24 |
| MPT | | MCP-204 | Dissertation | 150 | 50 | 200 | 8 | -4 |

| M.P.T 1st Ye | ar MPT | IN SPORTS | |
|--------------|--------|-----------|--|
|--------------|--------|-----------|--|

| Course | Specialisation | Sub.Code | Subjects | External | Int. Assessment | Grand Total | Credits | Teaching Hrs./Week |
|--------|----------------|----------|---|----------|--------------------|----------------|---------|-----------------------|
| | | MC-101 | Basic Human Sciences | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-102 | Biomechanics & Kinesiology | 60 | 40 | 100 | 4 | - 4 |
| MPT | MPT IN SPORTS | MC-103 | Physical and Functional Diagnosis & Recent Advances in Physiotherapy | 60 | 40 | 100 | 4 | 4 |
| MPT | MITHUMONIA | MC-104 | Research Methodology with Evidence Based Practice | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-105 | Pedagogy And Management | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-106 | Skills acquisition and refinement | | 50 | 50 | 2 | 24 |
| MPT | | MC-107 | Dissertation | | 50 | 50 | 2 | 4 |
| | | | M.P.T 2nd Year MPT IN SI | ORTS | | | | |
| MPT | MPT IN SPORTS | MS-201 | Physiotherapy for Upper & Lower Extremity | 60 | 40 | 100 | 4 | 4 |
| MPT | MPT IN SPORTS | MS-202 | Advanced Sports Physiotherapy- Spine, Pelvis and Ex | | 40 | 100 | 4 | 4 |
| MPT | | MS-203 | Skill enhancing (Practical) | 200 | 100 | 300 | 12 | 24 |
| MPT | | MS-204 | Dissertation | 150 | 50 | 200 | 8 | 4 |



| Course | Specialisation | Sub.Code | Subjects | External | Int. Assessment | Grand Total | Credits | Teaching Hrs./Week |
|--------|--------------------------------------|----------|---|----------|--------------------|----------------|---------|-----------------------|
| MPT | • | MC-101 | Basic Human Sciences | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-102 | Biomechanics & Kinesiology | 60 | 40 | 100 | .4 | 4 |
| MPT | MPT IN | MC-103 | Physical and Functional Diagnosis & Recent Advances in Physiotherapy | 60 | 40 | 100 | 4 | 4 |
| MPT | OBSTETRICS & GYNECOLOGY | MC-104 | Research Methodology with Evidence Based Practice & Biostatistics | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-105 | Pedagogy And Management | 60 | 40 | 100 | 4 | 4 |
| MBT | | MC-106 | Skills acquisition and refinement | | 50 | 50 | 2 | 24 |
| MPT | | MC-107 | Dissertation | | 50 | 50 | 2 | - 4 |
| | | M.P.T | 2nd Year MPT IN OBSTETRICS | & GYN | ECOLOG | Y | 12. | |
| MPT | MPT IN OBSTETRICS & GYNECOLOGY | MG-201 | Gynecology- Medical-Surgical Conditions and Physiotherapy Management | 60 | 40 | 100 | 4 | 4 |
| мрт | MPT IN OBSTETRICS & GYNECOLOGY | MG-202 | Obstetrics Clinical & Physiotherapy Management | 60 | 40 | 100 | 4 | 4 |
| MPT | | MG-203 | Skill enhancing (Practical) | 200 | 100 | 300 | 12 | 24 |
| MPT | | MG-204 | Dissertation | 150 | 50 | 200 | 8 | 4 |

| | | | M.P.T 1st Year MPT IN PEDI | ATRIC | S | | | |
|--------|----------------------|----------|---|----------|--------------------|----------------|---------|-----------------------|
| Course | Specialisation | Sub.Code | Subjects | External | Int. Assessment | Grand Total | Credits | Teaching Hrs./Week |
| | | MC-101 | Basic Human Sciences | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-102 | Biomechanics & Kinesiology | 60 | 40 | 100 | 4 | 4 |
| MPT | MPT IN PEDIATRICS | MC-103 | Physical and Functional Diagnosis & Recent Advances in Physiotherapy | 60 | 40 | 100 | 4 | (4) |
| MPT | | MC-104 | Research Methodology with Evidence Based Practice & Biostatistics | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-105 | Pedagogy And Management | 60 | 40 | 100 | 4 | 4 |
| MPT | | MC-106 | Skills acquisition and refinement | | 50 | 50 | 2 | 24 |
| MPT | | MC-107 | Dissertation | | 50 | 50 | 2 | 4 |
| , | | 114 77 - | M.P.T 2nd Year MPT IN PEDIA | ATRICS | 3 | | | |
| мрт | MPT IN PEDIATRICS | MP-201 | Physiotherapy in Pediatric Neurological Conditions | 60 | 40 | 100 | 4 | 4 |
| MPT | MPT IN PEDIATRICS | MP-202 | Advanced Clinical Paediatrics | 60 | 40 | 100 | 4 | 4 |
| MPT | | MP-203 | Skill enhancing (Practical) | 200 | 100 | 300 | 12 | 24 |
| MPT | | MP-204 | Dissertation | 150 | 50 | 200 | 8 | -4 |

| | S.NO | BRANCH | CODE |
|-----------|------|---------------------------|------|
| | 1 | ORTHOPEDICS | MO |
| | 2 | NEUROLOGY | MN |
| ELECTIVES | 3 | CARDIO PULMONARY DISEASES | MCP |
| ELECTIVES | 4 | SPORTS | MS |
| | 3 | OBSTETRICS & GYNECOLOGY | MG |
| | 6 | PEDIATRICS | MP |

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OFFICE OF THE REGISTRAR

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2021/857

18th June 2021

OFFICE ORDER

> Sub.: Reconstitution of Board of Studies for Department of Computer Science & Engineering

The Board of Studies for the Department of Computer Science & Engineering is reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

1. Prof. (Dr.) Tanveer Ahmed Kazi, Professor & Dean

- Chairman

2. Mr.Ankit Navlakha, Assistant Professor & Head

- Convener

3. Dr. Avinash Panwar, Associate Professor, MLSU Udaipur

- External Member

4. Mr. Hemant Kumar Sharma, Manager Datamatics, Subsidiary of L & T- External Member Industry

5. Dr. Azad Sivastava, Assistant Professor

- Internal Member-1

6. Mr. Shiv Kumar, Assistant Professor

- Internal Member-2

7. Mr. Anil Dangi, Assistant Professor

- Internal Member -3

8. Dr. Awanit Kumar, Sangam University, Bhilwara

- Alumni Member

The terms of reference for the Board of Studies are as provided in Rule 7 of the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as a special invitee if it is considered his association will contribute to the task of the meeting with the approval of the President/Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking the convenience of the Chairman on the 19thJuly 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled to TA/DA and sitting fees as per the norms prescribed by Mewar University.

Registrar

Registrar

Mewar University Gangrar, (Chittorgarh)

Copy to:

- · PS to Hon'ble Chairperson (for kind information)
- PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HoDs (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- Coordinator, IQAC Cell.
- · Record file.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DATE: 19th July 2021

- Chairman

Minutes of Meeting of Board of Studies

The Board of Studies Meeting of the Department of Computer Science & Engineering is held on 19th July 2021 in Room No. 135 at 11:30 am onwards to approve the new/changes in curriculum and syllabus revision for session 2021-22.

The following members were present: (Annexure 1)

1. Prof. (Dr.) Tanveer Ahmed Kazi, Professor & Dean

Mr.Ankit Navlakha, Assistant Professor & Head - Convener
 Dr. Avinash Panwar, Associate Professor, MLSU Udaipur - External Member
 Mr. Hemant Kumar Sharma, Manager Datamatics, Subsidiary of L & T- External Member Industry
 Dr. Azad Sivastava, Assistant Professor - Internal Member-1
 Mr. Shiv Kumar, Assistant Professor - Internal Member-2

Mr. Anil Dangi, Assistant Professor - Internal Member -3
 Dr. Awanit Kumar, Sangam University, Bhilwara - Alumni Member Mr.

Ankit Navlakha (Head of the Department of Computer Science & Engineering) warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 1: To approve minutes of the previous BOS, held on 13-01-2021

Resolution: Minutes of the previous BOS of the Computer Science & Engineering department held on 13-01-2021 were discussed and approved.

Agenda 2: Brief presentation of academic activities of the department before the BOS Committee by the convener

Resolution: Mr. Ankit Navlakha (Head, Computer Science & Engineering) presented a departmental activity report mentioning all the activities conducted related to curricular development, research development, faculty development and Industrial collaboration.

19 July 2021 RUNIVER

Agenda 3: Revision of Existing Programmes/Courses

Resolution: The Committee reviewed the scheme and syllabus of the B. Tech (Computer Science & Engineering) from the upcoming session 2021-22. (Annexure 2)

Agenda 4: Introduction of New Programmes M. Tech. (Data Science)

Resolution: BOS Committee members suggested to adopt AICTE Curriculum and approved a new scheme and syllabus of B. Tech (Computer Science & Engineering) of the AICTE Curriculum from session 2021-22.(Annexure 3)

Agenda 5: To recommend the approved syllabus to Academic Council.

Resolution: Members of the Board of Studies approved the revised syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was dissolved with thanks to the Chair and all the Board of Studies Members.

Ja July 2021

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DATE: 19th July 202

Annexure 1: Attendance Sheet

| SN | Name | Designation | Post | Signature |
|----|-----------------------------------|--|-----------------------------|-----------|
| 1 | Prof. (Dr.) Tanveer Ahmed Kazi | Professor & Dean | Chairman | 19/04/23 |
| 2 | Mr. Ankit Navlakha | Assistant Professor & Head | Internal Member -1 | A moth |
| 3 | Dr, Avinash Panwar | Associate Professor MLSU Udaipur | External Member | 19107 127 |
| 4 | Mr. Hemant Kumar Sharma | Manager Datamatics, Subsidiary of L & T | External Member Industry | theony |
| 5 | Dr. AzadSivastava | Professor | Internal Member-2 | 1 |
| 6 | Mr. Shiv Kumar | Assistant Professor | Internal Member-3 | S/m la |
| 7 | Mr. AnkitNavlakha | Assistant Professor | Convener | 119/04/21 |
| 8 | Dr. Awanit Kumar | Sangam University, Bhilwara | Alumni Member | Awnet |



| | | 8 | EVIS | D SVI | LABIT | MEWAR UNIVERSITY | REVISED SYLLABUS FEEECTIVE EROM 2021 22 | COC MO | 11 | | | | |
|--------------|--------|----------------------------------|--------|---------------------------|--------|------------------|---|-----------|---|--|-----------|---------------------|--------------|
| | | COUR | SE: B. | Fech BF | SANCE | f: Compu | iter Science | ce and En | COURSE: B.Tech BRANCH: Computer Science and Engineering | | | | |
| | | | | | 1.8 | I SEMESTER | ER | | 0 | | | | |
| S.N Category | y Code | Course Title | Cont | Contact hours per Week | rs per | Total | Total contact Credits | TA | End Term | End Term End Term Part 2 Internal End Term | Internal | End Term | |
| | | | П | H | а | hours | | | Part 1 | / Viva- Voce | Practical | Practical Practical | i otai Marks |
| | BSC101 | Physics | m | - | 0 | 4 | ** | 9 | 3.5 | 05 | 0 | | 004 |
| Basic | BSC102 | Mathematics-1 | m | _ | 0 | 4 | 4 | 15 | 35 | 000 | 0 | 0 | 100 |
| Science | BSC103 | Chemistry | m | - | 0 | 7 | - | 15 | 3.5 | 200 | 0 | 0 | 100 |
| course | BSC104 | Physics Lab | 0 | 0 | 2 | 0 | - | 0 | | 30 | 0 | 0 | 100 |
| | BSC105 | Chemistry Lab | 0 | 0 | 0 | 4 0 | - | | 0 | 0 | 25 | 25 | 20 |
| | ESC101 | Basic Electrical Engineering | | - | | 4 | - | 2 | 0 0 | 0 | 25 | 25 | 20 |
| Science | | Engineering Graphics & Design | 1 | | | | | 13 | 99 | 20 | 0 | 0 | 100 |
| Courses | _ | Lab | 0 | 0 | 4 | 4 | 2 | 0 | 0 | 0 | 50 | 50 | 100 |
| Company | ESC103 | Basic Electrical Engineering Lab | 0 | 0 | 63 | 2 | - | 0 | 0 | 0 | 36 | 30 | 44 |
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| | | Total Marks | 100 | 100 | 000 | 100 | 100 | | 100 | 00 | 0 | |
|---|--|---------------------|-----------------|---------------------------------|-----------------------|-------------------|--|------------------------|--------------------------|-------------|-----------------------|-------|
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| | Internal | Practical | 0 | 0 | 0 | 0 | 50 | | 20 | 25 | 0 | |
| | End Term End Term Part 2 Internal End Term | / Viva- Voce | 50 | 50 | 05 | 20 | 0 | q | 0 36 | 0 | 0 | |
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| | £ | 5 | 15 | 15 | 15 | 15 | 0 | 0 | 10 | 0 | 0 | |
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| | Total | hours | 4 | 4 | 4 | 7 | 4 | - | 2 | 2 | 2 | 30 |
| | rs per | <u>م</u> | 0 | 0 | 0 | 0 | 4 | | 0 | - 2 | 0 | 10 |
| | Contact hours per Week | Н | - | - | - | 1 | 0 | 0 | 0 | 0 | 0 | - |
| | Cont | Г | m | en: | 100 | | 0 | 0 | 7 | 0 | 2 | 91 |
| | Course Title | | Mathematics -II | Programming for Problem Solving | Engineering Mechanics | Basic Electronics | Programming for Problem Solving Lab | Workshop Practices Lab | English | English Lab | Environmental Science | TOTAL |
| | Course | 0000 | BSC106 | ESC104 | ESC105 | ESC106 | ESC107 | ESC108 | HSMC | HSMC 102 | MC-I | TO |
| | Category | | Basic | 3 | Engineering | Science | Courses | | Humanities and Social | Sciences | Mandatory | |
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| Science BSC107 Mathematics-III 3 1 0 4 4 15 35 35 50 0 0 0 | S.S | 200 | Course | | Con | Week | rs per | Total | | | End Term | - | Internal | End Term | |
| Basic | 4 | | Code | | L | Т | д. | hours | | | Part 1 | / Viva- Voce | | Practical | |
| PCC- PCC- Computer Organization and Algorithms 3 1 0 4 4 15 35 50 0 0 0 | 722 | Basic | BSC107 | | м | - | 0 | 4 | 4 | 15 | 35 | 50 | 0 | c | 100 |
| PCC- PCC- Computer Organization and Algorithms 3 1 0 4 4 15 35 50 0 0 0 | 7 | course | BSC108 | | 2 | 0 | 0 | 2 | , | 10 | 31 | | 4 | 13 | |
| PCC- Computer Organization and Architecture 3 1 0 4 4 15 35 50 0 0 0 | 222 | | PCC- CS301 | Data Structure and Algorithms | m | - | 0 | 4 | 1 77 | 15 | 35 | 20 05 | 0 0 | 0 0 | 100 |
| Professional CS303 Core courses CS304 Courses PCC- Digital Electronic 3 1 0 4 4 15 35 50 0 0 0 | 10000 | | PCC- CS302 | Computer Organization and Architectutre | m | - | 0 | 4 | 4 | 5 | 35 | 50 | 0 | 0 | 001 |
| Core courses PCC- Discrete Mathematics 3 1 0 4 4 15 35 50 0 0 CS304 | 527 | Professional | PCC- CS303 | Digital Electronic | ്ര | - | 0 | 4 | 77 | 15 | 35 | 50 | 0 | 0 | 001 |
| PCC- Data Structure and Algorithms Lab 0 0 2 2 1 0 0 0 0 25 25 Humanities PCC- Digital Electronic Lab 0 0 2 2 1 0 0 0 0 25 25 Humanities And Social Sciences HSMC201 Belavior Belavior Belavior Courses PNCS301 Python Programming 2 0 0 2 NC 10 15 25 TOTAL TOTAL TOTAL 22 5 4 31 27 10 15 25 Total Python Programming 2 0 0 2 0 0 2 0 Total Python Programming 2 0 0 2 0 0 2 0 Total Python Programming 2 0 0 2 0 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 2 0 0 Total Python Programming 2 0 0 0 0 Total Python Programming 2 0 0 0 0 Total Python Programming 2 0 0 Total Py | 1994 | Core courses | PCC- CS304 | Discrete Mathematics | m | - | 0 | 4 | 4 | 15 | 335 | 50 | 0 | | 8 |
| PCC- Digital Electronic Lab 0 0 2 2 1 0 0 0 25 25 | 450 | | PCC- CS305 | Data Structure and Algorithms Lab | | 0 | 2 | 2 | - | 0 | 0 | 0 | 35 | 35 | B 5 |
| Humanities and Social Sciences HSMC201 Department Sciences HSMC201 Behavior Behavior Python Programming 2 0 0 2 NC 10 15 25 10 15 25 10 15 25 10 15 25 25 10 15 25 25 25 25 25 25 25 | 020 | | PCC- CS306 | Digital Electronic Lab | 0 | 0 | 2 | 2 | - | 0 | 0 | 0 | 24 | 36 | 8 9 |
| PNCS301 Python Programming 2 0 0 2 NC 10 15 25 TOTAL 22 5 4 31 27 | D/A | Humanities and Social Sciences including Management courses | HSMC201 | | m | , , , 0 | 0 | | m | 10 | 25 | 40 | 0 | 0 | \$ 5 |
| 22 5 4 31 27 | - | | PNCS301 | | 2 | 0 | 0 | 2 | NC | 10 | 15 | 36 | | | 013 |
| | - 1 | 7 | - | OTAL | 22 | .0 | 7 | 31 | 27 | | | 6.5 | | | S |

| S.N | Category | Course | Course Title | ٿ | Contact hours per Week | rs per | Total | į | į | End Term | End Term Part 2 Internal End Term | Internat | End Term | |
|-----|--|----------------|--|----|---------------------------|--------|-------|-----|----|-----------|-----------------------------------|-----------|-----------|-------------|
| .0 | | Code | | -2 | H | 4 | hours | - | 5 | Part | | Practical | Practical | Total Marks |
| - | | PCC-CS 401 | Object Oriented Programming | ~ | - | 0 | -7 | ** | 15 | 35 | 50 | 0 | 0 | 100 |
| | | PCC-CS 402 | Operating Systems | 3 | - | 0 | 4 | ্ব | 5 | 32 | 50 | 0 | 0 | 100 |
| | | PCC-CS 403 | Design and Analysis of Algorithms | m | - | 0 | 4 | 4 | 15 | 35 | 50 | 0 | 0 | 100 |
| - | Professional | PCC-CS 404 | Web Design and Applications | 10 | + | 0 | 44 | ** | 15 | 90 100 | 50 | 0 | 0 | 100 |
| _ | Core courses | PCC-CS 405 | Computer Network | 3 | - | 0 | 4 | ** | 15 | 35 | 50 | 0 | 0 | 100 |
| | | PCC-CS 406 | Object Oriented Programming Lab | 0 | 0 | 2 | 2 | - | 0 | 0 | 0 | 25 | 25 | 90 |
| | | PCC-CS 407 | Design and Analysis of Algorithms Lab | 0 | 0 | 4 | 4 | 2 | 0 | 0 | 0 | 50 | 50 | 100 |
| | | PCC- CS 408 | Web Design and Applications Lab | 0 | 0 | 2 | 2 | - | 0 | 0 | 0 | 25 | 25 | 50 |
| < | Humanities and Social Sciences including | H-102 | Universal Human Values 2: Understanding Harmony | m | 0 | 0 | m | en. | 10 | 25 | 40 | 0 | 0 | 25 |
| | | PNCS401 | Computer System Security | 2 | 0 | 0 | 2 | NC | 10 | 15 | 25 | | | S |
| | | TC | TOTAL | 18 | 'n | 90 | 31 | 27 | | | | 10 | LUNIVA | |

| | | | | | | V | VI SEMESTER | ER | | | | | | |
|-----------------------------|-------|------------------------|--|-----|---------------------------|--------|-------------|---------|----|----------|--------------|-----------|-------------------|---|
| Category | 100 | Course | Course Title | Con | Contact hours per Week | us per | Total | Credits | 1 | End Term | - 5 | Internal | Internal End Term | T. S. |
| | -6 | Code | | Т | Н | Ь | hours | | | Part 1 | / Viva- Voce | Practical | Practical | TOTAL MATERS |
| Professional | E | PCC-CS 601 | Complier Design | ୍ଟ | 0 | 0 | 3 | | 01 | 25 | 40 | 0 | 0 | 75 |
| Core courses | SS | PCC-CS 602 | Software Engineering | 0 | 0 | 2 | 2 | ्स | 0 | 0 | 0 | 25 | 25 | 90 |
| Professional | ਰ | PEC CSEL603- 607 | Elective-III | m) | 0 | 0 | 3 | m | 10 | 22 | 40 | 0 | 0 | 7.5 |
| courses | | PEC CSEL608- 612 | Elective-IV | m | 0 | 0 | ю | 93 | 10 | 25 | 40 | 0 | 0 | 75 |
| Open Elective courses | 1.000 | OEC 601- 605 | Open Elective-1 | m | 0 | 0 | 3 | 6 | 01 | 25 | 40 | 0 | 0 | 75 |
| Professional | Tes | PCC CS 613 | Complier Design Lab | 0 | 0 | -61 | 2 | - | 0 | 0 | 0 | 25 | 25 | 50 |
| Core courses | Se | PCC CS 614 | Software Engineering Lab | 0 | 0 | .61 | 2 | | 0 | 0 | 0 | 25 | 25 | 50 |
| Mandatory | 2 | MC-II | Essence of Indian Knowledge Tradition | 21 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project | | PROJ-CS 601 | Project-II(Major Project) | 0 | 0 | 01 | 10 | 8 | 0 | 0 | 0 | 125 | 125 | 250 |
| | | OT | TOTAL | 17 | 0 | 16 | 30 | 00 | | | | | | - |

TYOUR DE LES

| | Total Maria | COLOR MATERS | 75 | 75 | 75 | 75 | 0 | 150 | 450 |
|--------------|--|---------------------|------------------------|------------------------|------------------|-------------------|-----------------------|--|---------|
| | End Term | Practical Practical | 0 | 0 | 0 | 0 | 0 | 150 | |
| | Internal | Practical | 0 | 0 | 0 | 0 | 0 | 0 | |
| | End Term End Term Part 2 Internal End Term | / Viva- Voce | 940 | 07 | 40 | 40 | 0 | 0 | |
| | End Term | Part 1 | 25 | 25 | 25 | 25 | 0 | 0 | |
| | T. | | 10 | 10 | 10 | 01 | 0 | 0 | |
| ER | Credits | | 3 | 8 | 9 | 8 | 0 | m | 15 |
| VII SEMESTER | Total Credits | hours | 9 | т | 3 | 3 | 2 | 9 | 20 |
| N. | rs per | ۵ | 0 | 0 | 0 | 0 | 0 | 9 | 9 |
| | Contact hours per Week | H | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Cont | П | m | m | m | en: | 2 | 0 | 14 |
| | Course Title | | Elective-V | Elective-VI | Open Elective II | Open Elective III | Constitution of India | Short Term Training (21-45 Days)/ Project-III | TOTAL . |
| | Course | code | PEC CSEL701- 705 | PEC CSEL706- 710 | OEC-701- 705 | OEC-706- 710 | MC-III | PROJ CS 701 | TO |
| | Category | | Professional | courses | Open | courses | Mandatory | Project (Or Summer internship) | |
| | S.N | ó | - | 2 | ch. | 47 | 5 | 9 | |



| Category | Course | Course Title | Con | Week | rs per | Contact hours per Total Week contact | Total contact Credits | Project Report | Project Internal Report Evaluation | Industry | Internal | End Term | Internal End Term Total Marks |
|----------|----------------|----------------------------------|-----|------|--------|--------------------------------------|--------------------------|-------------------|---------------------------------------|----------|----------|----------|-------------------------------|
| | | | - | 1 | Ь | hours | | | | | | Hactival | |
| Project | PROJ-CS 801 | Industrial Internship/Project-IV | 0 | 0 | 20 | 20 | 10 | 100 | 100 | 300 | 0 | 0 | 200 |
| | OT TO | TOTAL | 0 | 0 | 20 | | 10 | | | | | | 200 |

| OPEN ELECTIVE 1 (Digital Signal Process Computer Based Num Disaster management Distributed System Natural Language Pro | OPEN ELECTIVE 2 (Remote Sensing and C Human Values in Mad Digital Marketing Value Relationship & Happy & Harmonious S Real Time System | OPEN ELECTIVE 3 (Numerical Analysis At Digital and Social Med Operation Research Embedded System Full Stack Technology |
|---|---|---|
| ELECTIVE 4 (PEC CSEL 608-612) • Al and Robotics • Computer Vision • Introduction to ML • Introduction to Data Science • Big Data | ELECTIVE 5 (PEC CSEL 701-705) Computer Network Security and Cryptography Software Project Management Bioinformatics Script Programming Data Analysis | ELECTIVE 6 (PEC CSEL 706-710) • Fuzzy Set theory and Its Application • Human Computer Interface • Combinational Optimization • VLSI Design and Algorithm • Augmented and Virtual Reality |
| ELECTIVE 1 (PEC CSEL 504-508) • Cloud Computing • Advanced Computer Architecture • Data Mining • Mobile Computing • Block Chain Technology | ELECTIVE 2 (PEC CSEL 509-513) Internet of Things Multimedia Technology Pattern Reorganization Information Retrieval Software Testing | ELECTIVE 3 (PEC CSEL 603-607) • Computer Graphics & Image Processing • Software Architecture • Soft Computing • Game Theory • Deep Learning |

1 (OEC 601-605) essing umerical Technique

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2 (OEC- 701-705) 4 GIS fadhyasth Darshan

- & Ethical Human Conduct- For A Society

(OEC- 706-710)

- And Optimization Technique edia Marketing



OFFICE OF THE REGISTRAR MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2021/860-A

21-06-2021

OFFICE ORDER

Sub.: Reconstitution of Board of Studies for Department of Pharmacy

The Board of Studies for the Department of Department of Pharmacy is reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

| 1) | Dr. Kaushal Kishor Chandrul, Professor & Dean | Chairman |
|----|--|----------------------|
| 2) | Dr. Rajesh Verma, Professor, Apex University, Jaipur | External Member 1 |
| 3) | Dr. Vinesh Chaudhary, Professor, LBS College of Pharmacy, Jaipur | External Member 2 |
| 4) | Roselyn Khaklary, Pharmacist | Alumni |
| 5) | Mr. Amit Khandelwal, Elocon Pharmaceutical Pvt Ltd, Jaipur | Member from Industry |
| 6) | Ms. Sarita Sharma, Assistant Professor | Internal Member 1 |
| 7) | Ms. Ankita Sharma, Assistant Professor | Internal Member 2 |
| 8) | Mr Mr Pankaj Chasta, Assistant Professor. | Internal Member 2 |
| 9) | Dr. Gaurav Kumar Sharma, Associate Professor & HOD | Convener |

The terms of reference for the Board of Studies are as provided in Rule 7 or the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as a special invitee if it is considered his association will contribute to the task of the meeting with the approval of the President/Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking the convenience of the Chairman in the third week of June 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled to TA/DA and sitting fees as per the norms prescribed by Mewar University.

Copy to:

- · PS to Hon'ble Chairperson (for kind information)
- PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HoD's (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/TT Head.
- Coordinator, IQAC Cell.
- · Record file.

Mewar University Gangrar, (Chittorgarh)

DEPARTMENT OF PHARMACY

DATE: 21-06-2021

Minutes of Meeting of Board of Studies

The Board of Studies Meeting of the Department of Pharmacy, Faculty of Medical, Surgical and Paramedical was held on 21st June 2021 in Room No. 135 at 11:00 am onwards to approve the new/changes in curriculum and Syllabus revision for session 2021-22. The following members were present: (Annexure 1)

| 1) | Dr. Kaushal Kishor Chandrul, Professor & Dean | Chairman |
|------|--|----------------------|
| 2) | Dr. Rajesh Verma, Professor, Apex University, Jaipur | External Member 1 |
| 3) | Dr. Vinesh Chaudhary, Professor, LBS College of Pharmacy, Jaipur | External Member 2 |
| 4) | Roselyn Khaklary, Pharmacist | Alumni |
| | Mr. Amit Khandelwal, Elocon Pharmaceutical Pvt Ltd, Jaipur | Member from Industry |
| 100 | Ms. Sarita Sharma, Assistant Professor | Internal Member 1 |
| S A. | and the second s | Internal Member 2 |
| | Mr Mr Pankaj Chasta, Assistant Professor. | Internal Member 2 |
| | Dr. Gauray Kumar Sharma, Associate Professor & HOD | Convener |

Agenda 1: Welcoming the New Members

Resolution: Mr. Gaurav Kumar Sharma, Head of the Department of Pharmacy, warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 2: Minutes of the previous Meeting of the Board of Studies of the Department of Pharmacy, Mewar University

Resolution: Minutes of the previous BOS of the Pharmacy Department held on 18-06-2020 were discussed and approved.

Agenda 3: To introduce a new programme/course for the upcoming session

Resolution: Department of Pharmacy offers the professional courses for Employability/Entrepreneurship/Skills in D. Pharma and B. Pharma consisting the various subjects. M. Pharma (Pharmaceutical Quality Assurance) has started by the Department of Pharmacy. (Annexure-2)

Departmary University
Gangrar, Chinorgarh

The main objectives of the Employability/ Entrepreneurship/ Skill Development Course are:

- To promote professional practice management skills in hospital and pharmaceutical industries (quality control and quality assurance).
- · To promote entrepreneurship and abilities to manage the independent drug store/pharmacy.
- To groom in a manner that they can do patient counseling and able to supply quality medicines to patients.
- To prepare the students/learners to be good professionals in the pharmaceutical industry.

Agenda 4: Introduce the value-added courses

Resolution: Department of Pharmacy offers Training / Internships which are conducted every year. These sessions are conducted by experts and help students stand apart from the rest in the job market by adding further value to their resumes. They are mostly independent of each type of field. (Annexure 3)

| S.No. | Name of the value-added courses/ Internships | Course Code | Year of offering | Duration of course/ Internships |
|-------|--|-------------|------------------|---------------------------------------|
| 1. | B. Pharm – Short-term training | BP | 2020-21 | 01 Months |
| 2. | D. Pharm - Short-term training | DPH | 2020-21 | 03 Months |

The main objectives of the Value Added Course are:

- · To provide students with an understanding of the expectations of industry.
- · To improve the employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity for students to develop interdisciplinary skills.
- · To mold students as job providers rather than job seekers.

Guidelines for conducting value-added courses/Internship:-

These training/internships are conducted in collaboration with well-known pharmaceutical industries like Oniosome, CTSD (Center for Training & skill development), Mohali, and Royal Research Centre Gujarat.

The B. Pharma and D. Pharma students will be sent to this internship at the end of the final semesters.

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Duration:-

The duration of training/internship is 1 month/150 hours for B. Pharma in the pharmaceutical industry and 3 months/500 hours in the hospital as per mentioned by the Pharmacy Council of India (PCI).

Agenda 5: To recommend the approved syllabus to Academic Council.

Resolution: Members of the Board of Studies approved the revised syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was concluded with a gentle thank you by the Chairperson Prof. (Dr.) Kaushal Kishor Chandrul, Department of Pharmacy.

Department of Pharmacy
Department of Pharmacy
Chitorgath

DEPARTMENT OF PHARMACY

DATE: 21-06-2021

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|---|----------------------|--|
| 1 | Dr. Kaushal Kishor Chandrul, Professor & Dean | Chairman | N. Control of the con |
| 2 | Dr. Rajesh Verma, Professor, Apex University, Jaipur | External Member 1 | Rajosh 71 |
| 3 | Dr. Vinesh Chaudhary, Professor, LBS College of Pharmacy, Jaipur | External Member 2 | 9 |
| 4 | Roselyn Khaklary,Pharmacist | Alumni | Roselm |
| 5 | Mr. Amit Khandelwal, Elocon Pharmaceutical Pvt Ltd, Jaipur | Member from Industry | Amiet |
| 6 | Ms. Sarita Sharma, Assistant Professor | Internal Member 1 | Shames 21. 96. |
| 7 | Ms. Ankita Sharma, Assistant Professor | Internal Member 2 | Thank 121 |
| 8 | Mr Mr Pankaj Chasta, Assistant Professor. | Internal Member 3 | 47 |
| 9 | Dr. Gaurav Kumar Sharma, Associate Professor & HOD | Convener | 4) |

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OFFICE OF THE REGISTRAR MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2021/544-A

16th October 2021

OFFICE ORDER

Sub.: Reconstitution of Board of Studies for Department of Law

The Board of Studies for the Department of Law is reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

1) Prof. (Dr.) P.S. Varshney, Dean, Faculty of Legal Studies - Chairman

2) Dr. Dev Swarup, Vice Chancellor, Dr. Bhim Rao Ambedkar University, Jaipur, Raj.

- External member

3) Dr. D.K. Sharma, Member, BCI, Nainital, Uttarakhand - External Member

4) Dr. D.D Kaushik, Ex. Vice Chancellor, New Delhi - External Member

5) Ms. Lavina Chaplot, Assistant Professor, Law - Internal Member

6) Mr. Shirish Shukla, Assistant Professor, Law - Internal Member

7) Mr. Amit Dadhich, Assistant Professor, Law - Internal Member

8) Mr. Amit Kumar Sharma, Assistant Professor & Head - Convener

The terms of reference for the Board of Studies are as provided in Rule 7 of the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as a special invitee if it is considered his association will contribute to the task of the meeting with the approval of the President/Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking the convenience of the Chairman in the fourth week of October 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled to TA/DA and sitting fees as per the norms prescribed by Mewar University.

Registrar Mewar University Gangrar, (Chittorgarh)

Copy to:

- · PS to Hon'ble Chairperson (for kind information)
- · PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HoDs (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- Coordinator, IQAC Cell.
- · Record file.

DEPARTMENT OF LAW

DATE: 25th October 2021

Minutes of Meeting of Board of Studies

The Board of Studies meeting of the Department of Law was held on 25th October 2021 in Room No. 135 at 11:00 am onwards to approve the new/changes in curriculum and syllabus revision for session 2021-22.

The following members were present: (Annexure 1)

Prof. (Dr.) P.S. Varshney, Dean, Faculty of Legal Studies - Chairman

2) Dr. Dev Swarup, Vice Chancellor, Dr. Bhim Rao Ambedkar University, Jaipur, Raj.

- External member

3) Dr. D.K. Sharma, Member, BCI, Nainital, Uttarakhand - External Member

Dr. D.D Kaushik, Ex. Vice Chancellor, New Delhi - External Member

5) Ms. Lavina Chaplot, Assistant Professor, Law - Internal Member

6) Mr. Shirish Shukla, Assistant Professor, Law - Internal Member

7) Mr. Amit Dadhich, Assistant Professor, Law - Internal Member

8) Mr. Amit Kumar Sharma, Assistant Professor & Head - Convener

At the outset, Mr. Amit Kumar Sharma (Head, Department of Legal Studies) warmly welcomed all the board members. The head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 1: To approve minutes of the previous BOS, held on 05-06-2020

Resolution: Minutes of the previous BOS of the Law department held on 05-06-2020 were discussed and approved.

Agenda 2: Brief presentation of academic activities of the department before the BOS Committee by the convener

Resolution: Mr. Amit Kumar Sharma (Head, Department of Law) presented departmental proposed activity that should be conducted related to curricular development, research development, and faculty development of Law.

Agenda 3: Review and approval of Existing Programmes/Courses

Resolution: Mr. Amit Kumar Sharma (Head, Department of Law) presented the ongoing syllabus of B.A.LL.B (Hons.), BBA LL.B (Hons.), LL.B and LL.M. The BOS committee reviewed and approved the scheme and syllabus in the upcoming session 2021-22 (Annexure 2)



Agenda 4: To recommend the approved syllabus to Academic Council

Resolution: Members of the Board of Studies approved the reviewed syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was dissolved with thanks to the Chair and all the Board of Studies Members.



DEPARTMENT OF LAW

DATE: 25th October 2021

Annexure 1: Attendance Sheet

Following members were present in the Board of Studies meeting:

| S.NO. | NAME OF MEMBERS | | SIGNATURE | |
|-------|---|-----------------|------------------|--|
| 1. | Prof. (Dr.) P.S VARSHNEY | CHAIRMAN | P22/10/21 | |
| 2. | Dr. D.K. Sharma, Member, BCI, Nainital, Uttarakhand | External member | Dis | |
| 3. | Dr. D.D. Kaushik, Ex. Vice Chancellor, New Delhi | External member | Danielo 21 | |
| 4. | Dr. Dev Swarup, Vice Chancellor, Dr. Bhim Rao Ambedkar Law University, Jaipur, Rajasthsan | External member | Couldnot attend | |
| 5. | Ms. LavinaChaplot Assistant Professor | MEMBER | Janira 1 | |
| 6. | Mr. SHIRISH KUMAR SHUKLA Assistant Professor | MEMBER | Shorish 25/10/21 | |
| 7. | Mr. Amit Dadhich Assistant Professor | MEMBER | Amid 1 | |
| 8. | Mr. Amit Kumar Sharma Assistant Professor | CONVENER | Ant 21 | |

Annexure 1: Attendance Sheet

Prof. (Dr.) P.S. VARSHNEY Chairman

OFFICE OF THE REGISTRAR MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2021/767 -

17th May 2021

OFFICE ORDER

Sub.: Reconstitution of Board of Studies for Department of Commerce

The Board of Studies for the Department of Commerce is reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

1) Dr. Rekha Sharma, Dean, Faculty of Management and Commerce

- Chairman

2) Prof. (Dr.) Abhay Jaroli, Head, Department of Commerce, B.N. PG MLSU, Udaipur

- External Member

3) Prof. (Dr.) P K Khicha, Head, Department of Commerce, Govt. College, Rajsamand, MLSU,

Udaipur

- External Member

4) Mr. Vikram Singh Rao, Assistant Professor

- Internal Member

5) Mr. Shailesh Kansal, Assistant Professor

- Internal Member

6) Mr. Raj Singh, Assistant Professor

- Internal Member

7) Mr. Rishabh Meratiya

- Alumni

8) Dr. Chetali Agarwal, Head and Assistant Professor

- Convener

The terms of reference for the Board of Studies are as provided in Rule 7 of the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as special invitee if it is considered his association will contribute in the task of the meeting with the approval of the President/Vice Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking convenience of the Chairman in the fourth week of May 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled for TA/DA and sitting fees as per the norms prescribed by the Mewar University.

Registrar Registrar Mewar University Gangrar, (Chittorgarh)

Copy to:

- PS to Hon'ble Chairperson (for kind information)
- · PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HoD's (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- Coordinator, IQAC Cell.
- · Record file.

DEPARTMENT OF COMMERCE

DATE: 22.05.2021

Minutes of Meeting of Board of Studies

The Board of Studies Meeting of the Department of Commerce was held on 22nd May 2021 in Room No. 135 at 11:00 am onwards to approve the new/changes in curriculum and Syllabus revision for session 2021-22. The following members were present: (Annexure 1)

Dr. Rekha Sharma, Dean, Faculty of Management and Commerce
 - Chairman

2) Prof. (Dr.) Abhay Jaroli, Head, Department of Commerce, B.N. PG MLSU, Udaipur

- External Member

- Internal Member

Prof. (Dr.) P K Khicha, Head, Department of Commerce, Govt. College, Rajsamand, MLSU,
 Udaipur - External Member

4) Mr. Vikram Singh Rao, Assistant Professor

5) Mr. Shailesh Kansal, Assistant Professor - Internal Member

6) Mr. Raj Singh, Assistant Professor - Internal Member

7) Mr. Rishabh Meratiya - Alumni

8) Dr. Chetali Agrawal, Head and Associate Professor - Convener

Agenda 1: Welcoming the New Members

Resolution: Dr. Chetali Agrawal, Head of the Department of Commerce warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 2: Minutes of the previous Meeting of the Board of Studies of the Department of Commerce, Mewar University

Resolution: Minutes of the previous BOS of the Commerce Department held on 22-07-2019 were discussed and approved.

Agenda 3: Brief presentation of academic activities of the department before the BOS Committee by the convener



Resolution: Dr. Chetali Agrawal, Head of the Department of Commerce presented a departmental activity report mentioning all the activities conducted related to curricular development, research development, faculty development and Industrial collaboration.

Agenda 4: Revision in any program/course

Resolution: No changes were made to the approved scheme and syllabus of the course B. Com and M.Com.

Agenda 5: Introduction of New Programme/Course

Resolution: As per the recommendation of the previous BOS committee members, it is decided to introduce one new course for the B.Com students for the upcoming session 2021-22. The course syllabus is enclosed here. (Annexure 2)

Manpower Management

Agenda 6: Any other suggestions by BOS Committee

Resolution:

- To make the course more relevant and do necessary changes and up gradation of all the courses/training programmes proposed by the academic members of the BOS.
- In addition, BOS will also explore the possibility of conducting new courses according to the requirement of the corporate world.
- There should be more focus on digital marketing.

Agenda 7: To recommend the approved syllabus to Academic Council

Resolution: Members of the Board of Studies approved the revised syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was dissolved with thanks to the Chair and all the Board of Studies Members.



DEPARTMENT OF COMMERCE

DATE: 22.05.2021

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|--|--------------------|-----------------------|
| 1 | Dr. Rekha Sharma, Dean, Faculty of Management and Commerce | Chairman | 922/05/21 |
| 2 | Prof. (Dr.) Abhay Jaroli, Head, Department of Commerce, B.N. PG MLSU, Udaipur | External Member | Alexaldray. |
| 3 | Prof. (Dr.) P K Khicha, Head, Department of Commerce, Govt. College, Rajsamand, MLSU, Udaipur | External Member | 24/5/8 ¹ / |
| 4 | Mr. Vikram Singh Rao, Assistant Professor | Internal Member | Vicenamy |
| 5 | Mr. Shailesh Kansal, Assistant Professor | Internal Member | Shailesh |
| 6 | Mr. Raj Singh, Assistant Professor | Internal Member | Mark M |
| 7 | Dr. Chetali Agrawal, Head and Associate Professor | Convener | (hetil |
| 8 | Mr. Rishabh Meratiya | Alumni | 12 ishalih |

MANPOWER MANAGEMENT

Unit 1 -

Introduction – Manpower Management – Objectives, present status in Indian industry, Proactive Vs Reactive approach, Role of personnel executives in Indian Organisations. Recruitment Selection – Manpower Planning recruitment & selection process, Different types of tests. Train ing & Development – meaning & types of programs.

Unit 2 -

Performance Appraisal – Definitions, standards, measure, methods (P.A. Techniques) Process of job evaluation. Compensation Management. Friage benefits, incentives objectives of wage & salary administration.

Unit 3 -

Job Satisfaction & Quality of work life – Job satisfaction – Meaning, factors governing impact of job/satisfaction. Over performance. QWL – meaning, approaches, Quality circle, Team building.

Reference:

Personnel Management – Tripathi P. C. Industrial Relations – Tripathi P. C Industrial Law by R.C. Chawla



OFFICE OF THE REGISTRAR MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO/2021/ 772

20th May 2021

OFFICE ORDER

Sub.: Reconstitution of Board of Studies for Department of Physical Education & Sports.

The Board of Studies for the Department of Physical Education & Sports is reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

Dr. Aruna Dubey, Dean, Faculty of Education & Psychology

- Chairman

2. Prof. (Dr.) Ankit Shukla, Professor, University of D.A.V.V. Indore (M.P.)

- External Member

3. Dr. Shantilal Bamta, Sports Officer, Shaheed Narendra Singh College, Jaora (M.P.)

- External Member

4. Mr. Rakesh Giri, Assistant Professor

- Internal Member

5. Dr. Pooja Gupta, Head, Department of Physical Education & Sports

- Convener

The terms of reference for the Board of Studies are as provided in Rule 7 of the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as a special invitee if it is considered his association will contribute to the task of the meeting with the approval of the President/Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking the convenience of the Chairman in the fourth week of June 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled to TA/DA and sitting fees as per the norms prescribed by Mewar University.

Copy to:

Mewar University Gangrar, (Chittorgarh)

- PS to Hon'ble Chairperson (for kind information)
- PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HODs (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- · Coordinator, IQAC Cell.
- · Record file.

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

DATE: 25.06.2021

Minutes of Meeting of Board of Studies

The Board of Studies meeting of the Department of Physical Education and Sports was held on 25th June 2021 in Room No. 135 at 11:00 am onwards to approve the new/changes in curriculum and Syllabus revision for session 2021-22.

The following members were present: (Annexure 1)

1. Dr. Aruna Dubey, Dean, Faculty of Education & Psychology

- Chairman

2. Prof. (Dr.) Ankit Shukla, Professor, University of D.A.V.V. Indore (M.P.)

- External Member

3. Dr. Shantilal Bamta, Sports Officer, Shaheed Narendra Singh College, Jaora (M.P.) - External Member

4. Mr. Rakesh Giri, Assistant Professor

- Internal Member

5. Dr. Pooja Gupta, Head, Department of Physical Education & Sports

- Convener

Dr. Pooja Gupta, Head, Physical Education & Sports, warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 1: To approve minutes of the previous BOS held on 02-07-2019

Resolution: Minutes of the previous BOS of the Physical Education & Sports department held on 02-07-2019 were discussed and approved.

Agenda 2: Brief presentation of academic activities of the department before the BOS Committee by the convener.

Resolution: Dr. Pooja Gupta, (Head, Department of Physical Education & Sports) presented a departmental activity report mentioning all the activities conducted related to curricular development, research development, faculty development and Industrial collaboration.

Agenda 3: Introduction of New Programmes/ Course



Resolution: Based on the suggestion received from the member of previous BOS committee, it is decided to offer a new program "Bachelar of Physical Education" for the upcoming session 2021–2022. **The** detailed syllabus and scheme are enclosed here as (Annexure 2)

Bachelar of Physical Education (B.P.Ed)

Agenda 4: To recommend the approved syllabus to Academic Council.

Resolution: Members of the Board of Studies approved the revised syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was dissolved with thanks to the Chair and all the Board of Studies Members.



MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

DATE: 25.06.2021

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|---|--------------------|-----------------|
| 1 | Dr. Aruna Dubey, Dean, Faculty of Education & Psychology | Chairman | O'Klebery |
| 2 | Prof. (Dr.) Ankit Shukla, Professor, University of D.A.V.V. Indore (M.P.) | External Member | Am + 25/06/2021 |
| 3 | Dr. Shantilal Bamta, Sports Officer, Shaheed Narendra Singh College, Jaora (M.P.) | External Member | 25 06 202 |
| 4 | Mr. Rakesh Giri, Assistant Professor | Internal Member | 25/06/2021 |
| 5 | Dr. Pooja Gupta, Head & Associate Professor | Convener | A Seizer |
| | | | |

A Soportion of the State of the

GUIDELINES OF REGULATIONS AND MODEL SYLLABUS STRUCTURE FOR B. P. ED. TWO YEARS PROGRAMME (FOUR SEMESTERS)(CBCS)

(If the University or affiliating body is following choice based credit system, (CBCS) as approved and Circulated by the UGC, the credit hours given in the following curriculum framework need to be considered along with the hours of teaching mentioned for each paper/activity/course)

(If the University oraffiliatingbody isyet to adopt CBCS, only the hours of teaching mentioned for each paper/activity / course will be considered, the credit in teaching hours may be ignored)

Preamble: Bachelor of Physical Education (B. P. Ed.) two years (Four Semesters Choice Based Credit System) programme is a professional programme meant for preparing teachers of physical education in classes VI to X and for conducting physical education and sports activities in classes XI and XII.

B. P. Ed. programme shall be designed to integrate the study of childhood, social context of Physical Education, subject knowledge, pedagogical knowledge, aim of Physical Education and communication skills. The programme comprises of compulsory and optional theory as well as practical courses and compulsory school internship.

R.B.P.Ed. 1. Eligibility

Intake, Eligibility and Admission Procedure as per the NCTE norms and standards

R. B.P.Ed. 2. Duration:

The B.P.Ed programme shall be of a duration of two academic years, that is, four semesters. However, the students shall be permitted to complete the programme requirements within a maximum of three years from the date of admission to the programme.

R. B.P.Ed. 3. The CBCS System:

All Programmes shall run on Choice Based Credit System (CBCS). It is an instructional package developed to suit the needs of students, to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education.

Dr. Shantilal Bamta

R. B.P.Ed 4. Course:

The term course usually referred to, as 'papers' is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise Lectures/ tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study etc. or a combination of some of these.

R. B.P.Ed. 5. Courses of Programme:

The B.P.Ed. Programme consists of a number of courses, the term 'Course' applied to indicate a logical part of subject matter of the programme and is invariably equivalent to the subject matter of a "paper" in the conventional sense. The following are the various categories of courses suggested for the B.P.Ed. Programme.

Theory:

Core Course:

Elective Course:

Practicum:

Teaching Practices:

R. B.P.Ed.6. Semesters:

An academic year is divided into two semesters. Each semester will consist of 17-20 weeks of academic work equivalent to 100 actual teaching days. The odd semester may be scheduled from May/June to November/Decemberand even semester from November / December to May/June. The institution shall work for a minimum of 36 working hours in a week (five or six days a week).

R. B.P.Ed.7. Working days:

There shall be at least 200 working days per year exclusive of admission and examination processes etc.

R. B.P.Ed 8. Credits:

The term 'Credit' refers to a unit by which the programme is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or one and half / two hours of practical work/field work per week. The term 'Credit' refers to the weight given to a course, usually in relation to the instructional hours assigned to it. The total minimum credits, required for completing a B.P.Ed. Programme is 90 credits and for each semester 20 credits.

Dr. Shandi (ul Bamba)

Provision of Bonus CreditsMaximum 06 Credits in each Semester

| Sr. No. | No. Special Credits for Extra Co-curricular Activities | | | |
|---------|---|---|--|--|
| 1 | Sports Achievement at Stale level Competition (Medal Winner) | 1 | | |
| | Sports Achievement National level Competition (Medal Winner) | 2 | | |
| | Sports participationInternational level Competition | 4 | | |
| 2 | Inter Uni. Participation (Any one game) | 2 | | |
| 3 | Inter College Participation (min. two game) | 1 | | |
| 4 | National Cadet Corps / National Service Scheme | 2 | | |
| 5 | Blood donation / Cleanliness drive / Community services / | 2 | | |
| 6 | Mountaineering - Basic Camp, Advance Camp / Adventure Activities | 2 | | |
| 7 | Organization / Officiating - State / National level in any two game | 2 | | |
| 8 | News Reposting / Article Writing / book writing / progress report writing | 1 | | |
| 9 | Research Project | 4 | | |

Students can earn maximum 06 Bonus credits in each semester by his/her participation in the above mentioned activities duly certified by the Head of the institution / Department. This Bonus credit will be used only to compensate loss of credits in academic activities.

R. B.P.Ed. 9. Examinations:

- i. There shall be examinations at the end of each semester, for first semester in the month of November /December: for second semester in the month of May / June. A candidate who does not pass the examination in any course(s) shall be permitted to appear in such failed course(s) in the subsequent examinations to be held in November /December or May / June.
- ii. A candidate should get enrolled /registered for the first semester examination. If enrollment/registration is not possible owing to shortage of attendance beyond condonation limit / rules prescribed OR belated joining OR on medical grounds, such candidates are not permitted to proceed to the next semester. Such candidates shall redo the semester in the subsequent term of that semester as a regular student; however, a student of first semester shall be admitted in the second semester, if he/she has successfully kept the term in first semester.

R. B.P.Ed 10 Condonation:

Student must have 75% of attendance in each course for appearing the examination. Students who have 74% to 65% of attendance shall apply for condonation in the prescribed form with the prescribed fee. Students who have 64% to 50% of attendance shall apply for

Da. Shandilal Bamta

condonation in prescribed form with the prescribed fee along with the Medical Certificate. Students who have below 50% of attendance are not eligible to appear for the examination.

R. B.P.Ed 11. Pattern of Question Papers:

Question Papers shall have five questions corresponding to four units of each theory course.

B.P.Ed.: Format of Question Paper for 4 Units.

Each question paper shall have five questions. The pattern will be as follows:

| Question No. | Description | Marks |
|--------------|--|-------|
| 1 | Answer in detail (Long Question) Or Answer in detail (Long Question) (Form Unit 1) | 15 |
| 2 | Answer in detail (Long Question) Or Answer in detail (Long Question) (Form Unit 2) | 15 |
| 3 | Answer in detail (Long Question) Or Answer in detail (Long Question) (Form Unit 3) | 15 |
| 4 | Write short notes: any two out of four (Form Unit 4) | 15 |
| 5 | M.C.Q. Type Questions (10 out of 12 Que.) (3 Questions. from each unit) | 10 |
| | Total | 70 |

R. B.P.Ed. 12. Evaluation:

The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade point. Evaluation for each course shall be done by a continuous internal assessment (CIA) by the concerned course teacher as well as by end semester examination and will be consolidated at the end of course. The components for continuous internal assessment are;

| One Test | 15 Marks |
|----------------|----------|
| Seminar / Quiz | 5 Marks |
| Assignments | 5 Marks |
| Attendance | 5 Marks |
| Total | 30 Marks |

Dr. Shantilal Bamta

Attendance shall be taken as a component of continuous assessment, although the students should have minimum 75% attendance in each course. In addition to continuous evaluation component, the end semester examination, which will be written type examination of at least 3 hours duration, would also form an integral component of the evaluation. The ratio of marks to be allotted to continuous internal assessment and to end semester examination is 30:70. The evaluation of practical work, wherever applicable, will also be based on continuous internal assessment and on an end-semester practical examination.

R. B.P.Ed. 13. Minimum Passing Standard:

The minimum passing standard for CIA (Continuous Internal Assessment) and External Examinations shall be 40%, i.e. 12 marksout of 30 marks and 28 marks out of 70 marks respectively for theory courses. The minimum passing for both CIA & external examination shall be 50%, i.e. 15 marks out of 30 and 35 marks out of 70 marks for the practical courses.

R. B.P.Ed 14. Grading:

Once the marks of the CIA (Continues Internal Assessment) and SEA (Semester End Assessment) for each of the courses are available, both (CIA and SEA) will be added. The marks thus obtained for each of the courses will then be graded as per details provided in R. B.P.Ed. 17 from the first semester onwards the average performance within any semester from the first semester is indicated by Semester Grade Point Average (SGPA) while continuous performance (including the performance of the previous semesters also) starting from the first semesteris indicated by Cumulative Grade Point Average (CGPA). These two are calculated by the following formula:

$$1 \ 1 \ 1 \ 1 = \frac{\sum_{11 \ 1}^{1} 1_{11}}{\sum_{11 \ 1}^{1} 1_{1}}$$

$$1\ 1\ 1\ 1\ =\ \frac{\sum_{11\ 1}^{1}\ 1\ 1\ 1\ 1\ _{1}}{1}$$

Where Ci is the Credit earned for the course is in any semester; Gi is the Grade point obtained by the student for the course i and n number of courses obtained in that semester; $IIII_i$ is SGPA of semester j and N number of semester. Thus CGPA is average of SGPA of all the semesters starting from the first semester to the current semester.

R. B.P.Ed. 15. Classification of Final Results:

For the purpose of declaring a candidate to have qualified for the Degree of Bachelor of Physical Education in the First class / Second class / Pass class or First class with Distinction, the

Dr. Shanfilul Bamfa

marks and the corresponding CGPA earned by the candidate in Core Courses will be the criterion. It is further provided that the candidate should have scored the First / Second Class separately in both the grand total and end Semester (External) examinations.

R. B.P.Ed.16. Award of the B.P.Ed. Degree:

A candidate shall be eligible for the award of the degree of the B.P.Ed. only if he/she has earned the minimum required credit including Bonus Credits of the programme prescribed above.

R. B.P.Ed.17. Letter Grades and Grade Points:

- i. Two methods-relative grading or absolute grading—have been in vogue for awarding grades in a course. The relative grading is based on the distribution (usually normal distribution) of marks obtained by all the students in the course and the grades are awarded based on a cut-off mark or percentile. Under the absolute grading, the marks are converted to grades based on pre-determined class intervals. To implement the following grading system, the colleges and universities can use any one of the above methods.
- ii. The grades for each course would be decided on the basis of the percentage marks obtained at the end-semester external and internal examinations as per following table:

| Percentage | Grade Point | Latter Grade | Description | Classification of final result |
|------------|----------------|-----------------|---------------|--------------------------------|
| 85 & above | 8.5-10.0 | 0 | Outstanding | |
| 70-84.99 | 7.0-8.49 | A^{+} | Excellent | First class with Distinction |
| 60-69.99 | 6.0-6.99 | A | Very Good | First Class |
| 55-59.99 | 5.5-5.99 | B+ | Good | Higher Second Class |
| 50-54.99 | 5.0-5.49 | В | Above Average | Second Class |
| 40-49.99 | 4.0-4.99 | C | Average | Pass Class |
| Below 40 | 0.0 | F | Fail/ Dropped | Dropped |
| | 0 | AB | Absent | |

R. B.P.Ed.18. Grade Point Calculation

Calculation of Semester Grade Point Average (SGPA) and Credit Grade Point

(CGP) and declaration of class for B. P. Ed. Programme.

The credit grade points are to be calculated on the following basis:

$$1111 = \frac{\sum_{111}^{1} 1_{1}1_{1}}{\sum_{111}^{1} 1_{1}}$$

Example - I

Marks obtained by Student in course CC101 = 65/100

Percentage of marks = 65 %

Grade from the conversion table is = A

Dr. Shantilal Bamta

Grade Point = 6.0 + 5 (0.99/9.99)

 $= 6.0 + 5 \times 0.1$

= 6.0 + 0.5

=6.5

The Course Credits = 04

Credits Grade Point (CGP) = $6.5 \times 04 = 26$

The semester grade point average (SGPA) will be calculated as a weighted average of all the grade point of the semester courses. That is Semester grade point average (SGPA) = (sum of grade points of all eight courses of the semester) / total credit of the semester as per example given below;

SEMESTER-1

| Courses No. | Credit | Marks out of 100 (%) | Grade | Grade Point | Credit Grade point |
|---------------|--------|----------------------|-------|-------------|--------------------|
| CC-101 | 4 | 65 | A | 6.5 | 26 |
| CC-102 | 4 | 60 | А | 6 | 24 |
| CC-103 | 4 | 62 | A | 6.2 | 24.8 |
| EC-101/EC-102 | 4 | 57 | B+ | 5.7 | 22.8 |
| PC-101 | 4 | 55 | B+ | 5.5 | 22 |
| PC-102 | 4 | 72 | A+ | 7.2 | 28.8 |
| PC-103 | 4 | 66 | Α | 6.6 | 26.4 |
| PC - 104 | 4 | 72 | A+ | 7.2 | 28.8 |
| | 32 | | | 7,12 | 203.6 |

Examples: Conversion of marks into grade points

CC-101
$$65 = 60 + 5 = 6.0 + 5 \times (0.99 / 9.99) = 6.0 + 5 \times 0.1 = 6.0 + 0.5 = 6.5$$

CC-10260 = 6.0

CC-103
$$62 = 60 + 2 = 6.0 + 2 \times (0.99/9.99) = 6.0 + 2 \times 0.1 = 6.0 + 0.2 = 6.2$$

EC-101/EC-102
$$57 = 55 + 2 = 5.5 + 2 \times (0.49 / 4.99) = 5.5 + 2 \times 0.1 = 5.5 + 0.2 = 5.7$$

PC-10155 = 5.5

PC-102
$$72 = 70 + 2 = 7.0 + 2 \times (1.49/14.99) = 7.0 + 2 \times 0.1 = 7.0 + 0.2 = 7.2$$

PC-103
$$66 = 60 + 6 = 6.0 + 6 \times (0.99 / 9.99) = 6.0 + 6 \times 0.1 = 6.0 + 0.6 = 6.6$$

$$PC - 10472 = 70 + 2 = 7.0 + 2 \times (1.49/14.99) = 7.0 + 2 \times 0.1 = 7.0 + 0.2 = 7.2$$

SEMESTER GRADE POINT AVERAGE (SGPA) = Total Credit Grade Points

= 203.6 / 32 = 6.3625

SGPA Sem. I = 6.3625

At the end of Semester-1

Total SGPA = 6.3625

Cumulative Grade Point Average (CGPA) = 6.3625/1 = 6.3625



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CGPA = 6.66875, Grade = A, Class = First Class

SEMESTER-2

| Courses No. | Credit | Marks out of 100 (%) | Grade | Grade Point | Credit Grade point |
|---------------|--------|----------------------|-------|-------------|--------------------|
| CC-201 | 4 | 76 | A+ | 7.6 | 30.4 |
| CC-202 | 4 | 64 | A | 6.4 | 25.6 |
| CC-203 | 4 | 59 | B+ | 5.9 | 23.6 |
| EC-201/EC-202 | 4 | 80 | A+ | 8 | 32 |
| PC-201 | 4 | 49 | c | 4.9 | 19.6 |
| PC-202 | 4 | 64 | A | 6.4 | 25.6 |
| PC-203 | 4 | 55 | B+ | 5.5 | 22 |
| TP - 201 | 4 | 72 | A+ | 7.2 | 28.8 |
| | 32 | | | 7.2 | 207.6 |

SGPA Sem. II = 6.4875

At the end of Semester-2

Total SGPA for two Semesters = 12.85

Cumulative Grade Point Average (CGPA) = 12.85/2 = 6.425

CGPA = 6.66875, Grade = A, Class = First Class

SEMESTER-3

| Courses No. | Credit | Marks out of 100 (%) | Grade | Grade Point | Credit Grade point |
|---------------|--------|----------------------|-------|-------------|--------------------|
| CC-301 | 4 | 64 | A | 6.4 | |
| CC-302 | 4 | 64 | A | 6.4 | 25.6 |
| CC-303 | 4 | 59 | B+ | 5.9 | 25.6 23.6 |
| EC-301/EC-302 | 4 | 81 | A+ | 8.1 | 32.4 |
| PC-301 | 4 | 49 | C | 4.9 | 19.6 |
| PC-302 | 4 | 64 | A | 6.4 | 25.6 |
| PC-303 | 4 | 68 | A | 6.8 | 27.2 |
| TP - 301 | 4 | 75 | A+ | 7.5 | 30 |
| | 32 | | | 7.3 | 209.6 |

SGPA Sem. III = 6.55

At the end of Semester-3

Total SGPA for three Semesters = 19.4

Cumulative Grade Point Average (CGPA) = 19.4/3 = 6.466667

CGPA = 6.66875, Grade = A, Class = First Class

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|----------|--------------|-----|-----|
| SEM | | 1 | 2.4 |
| | | | |

| Courses No. | Credit | Marks out of 100 (%) | Grade | Grade Point | Credit Grade point |
|---------------|--------|----------------------|-------|-------------|--------------------|
| CC-401 | 4 | 83 | A+ | 8.3 | 33.2 |
| CC-402 | 4 | 76 | A+ | 7.6 | 30.4 |
| CC-403 | 4 | 59 | B+ · | 5.9 | 23.6 |
| EC-401/EC-402 | 4 | 81 | A+ | 8.1 | 32.4 |
| PC-401 | 4 | 49 | С | 4.9 | 19.6 |
| PC-402 | 4 | 78 | A+ | 7.8 | 31.2 |
| TP-401 | 4 | 81 | A+ | 8.1 | 32.4 |
| TP-402 | 4 | 75 | A+ | 7.5 | 30 |
| | 32 | | | 7.3 | 232.8 |

SGPA Sem. IV = 7.275

At the end of Semester-4

Total SGPA for all the four semesters = 26.675

Cumulative Grade Point Average (CGPA) = 26.675 /4 = 6.66875

CGPA = 6.66875, Grade = A, Class = First Class

Note:

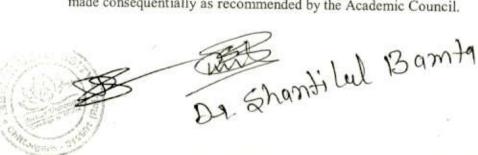
- (1) SGPA is calculated only if the candidate passes in all the courses i.e. get minimum C grade in all the courses.
- (2) CGPA is calculated only when the candidate passes in all the courses of all the previous and current semesters.
- (3) The cumulative grade point average will be calculated as the average of the SGPA of all the semesters continuously, as shown above.
- (4) For the award of the class, CGPA shall be calculated on the basis of:
 - (a) Marks of each Semester EndAssesment And
- (b) Marks of each Semester Continuous Internal Assessment for each course. The final Class for B.P.Ed. Degree shall be awarded on the basis of last CGPA (grade) fromall theone to four semester examinations.

R. B.P.Ed.19. Grievance Redressal Committee:

The college/department shall form a Grievance Redressal Committee for each course in each college/department with the course teacher / Principal / Director and the HOD of the faculty as the members. This Committee shall solve all grievances of the students.

R. B.P.Ed.20. Revision of Syllabi:

- 1. Syllabi of every course should be revised according to the NCTE.
- 2. Revised Syllabi of each semester should be implemented in a sequential way.
- In courses, where units / topics related to governmental provisions, regulations or laws, that change to accommodate the latest developments, changes or corrections are to be made consequentially as recommended by the Academic Council.



- All formalities for revisions in the syllabi should be completed before the end of the semester for implementation of the revised syllabi in the next academic year.
- During every revision, up to twenty percent of the syllabi of each course should be changed so as to ensure the appearance of the students who have studied the old (unrevised) syllabi without any difficulties in the examinations of revised syllabi.
- In case, the syllabus of any course is carried forward without any revision, it shall also be counted as revised in the revised syllabi.

Semester - I

| | Part | A:Theore | eticalCour | se | | |
|----------------|---|----------------|--------------|-------------------|-------------------|----------------|
| Course Code | TitleofthePapers | Total Hours | Credit | Internal Marks | External Marks | Total Marks |
| | | CoreC | ourse | | | |
| CC-101 | History, Principles and foundation of Physical Education | 4 | 4 | 30 | 70 | 100 |
| CC-102 | Anatomy and Physiology | 4 | 4 | 30 | 70 | 100 |
| CC-103 | | | 4 | 30 | 70 | 100 |
| | Elec | ctive Cou | rse (Anyon | ne) | | |
| EC-101 | Olympic Movement | 4 | 4 | 30 | 70 | 100 |
| EC-102 | Officiating and Coaching | 20000 | . | 50 | 70 | 100 |
| | Pa | rt-B Prac | ticalCour | se | | |
| PC-101 | Track and Field (Running Events) | 6 | 4 | 30 | 70 | 100 |
| PC-102 | Swimming/Gymnastics/ Shooting | 6 | 4 | 30 | 70 | 100 |
| PC-103 | Indigenous Sports: Kabaddi / Malkhambh/ lezim / March past | 6 | 4 | 30 | 70 | 100 |
| PC - 104 | Mass Demonstration Activities: Kho-Kho / dumbbells / tipri / wands / hoop /umbrella | 6 | 4 | 30 | 70 | 100 |
| | Total | 40 | 32 | 240 | 560 | 800 |

Note: Total Number of hours required to earn 4 credits foreach Theory Course are 68-80 hours per semester whereas 102-120 hours foreach Practicum Course.

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Da. Shantilul Bamta

Semester - II

| | Part | A:Theore | ticalCour | se | | |
|----------------|--|----------------|------------|-------------------|-------------------|----------------|
| Course Code | TitleofthePapers | Total Hours | Credit | Internal Marks | External Marks | Total Marks |
| | | CoreC | ourse | | | |
| CC-201 | Yoga Education | 4 | 4 | 30 | 70 | 100 |
| CC-202 | Educational Technology and Methods of Teaching in Physical Education | 4 | 4 | 30 | 70 | 100 |
| CC-203 | Organization and Administration | 4 | 4 | 30 | 70 | 100 |
| | Elec | ctive Cour | rse (Anyon | ne) | | |
| EC-201 | Contemporary issues in physical education, fitness and wellness | 4 | 4 | 30 | 70 | 100 |
| EC-202 | Sports Nutrition and Weight Management | | | | | |
| | Par | rt-B Prac | ticalCours | se | | |
| PC-201 | Track and Field (Jumping Events) | 6 | 4 | 30 | 70 | 100 |
| PC-202 | Yoga/Aerobics/ Gymnastics/ Swimming | 6 | 4 | 30 | 70 | 100 |
| PC-203 | Racket Sports: Badminton/ Table Tennis/ Squash/ Tennis | 6 | 4 | 30 | 70 | 100 |
| | Part - | - C Teach | ing Pract | ices | | |
| TP - 201 | Teaching Practices (05lessons in class room teaching and 05 lessons in outdoor activities) | 6 | 4 | 30 | 70 | 100 |
| | Total | 40 | 32 | 240 | 560 | 800 |

Note: Total Number of hours required to earn 4 credits foreach Theory Course are 68-80 hours per semester whereas 102-120 hours for each Practicum Course.

D1. Shantilul Bamta

Semester - III

| | | A:Theore | eticalCour | se | | |
|----------------|--|----------------|------------|-------------------|-------------------|----------------|
| Course Code | TitleofthePapers | Total Hours | Credit | Internal Marks | External Marks | Total Marks |
| | | CoreC | Course | | | |
| CC-301 | Sports Training | 4 | 4 | 30 | 70 | 100 |
| CC-302 | Computer Applications in Physical Education | 4 | 4 | 30 | 70 | 100 |
| CC-303 | Sports Psychology and Sociology | 4 | 4 | 30 | 70 | 100 |
| | Elec | tive Cou | rse (Anyoi | 1e) | | |
| EC-301 | Sports Medicine, Physiotherapy and Rehabilitation | 4 | 4 | 30 | 70 | 100 |
| EC-302 | Curriculum Design | | | | | |
| | Par | t-B Prac | ticalCours | ie. | | |
| PC-301 | Track and Field (Throwing Events) | 6 | 4 | 30 | 70 | 100 |
| PC-302 | Combative Sports: Martial Art/ Karate/ Judo/ Fencing/ Boxing/ Taekwondo/ Wrestling (Any two out of these) | 6 | 4 | 30 | 70 | 100 |
| PC-303 | Team Games: Baseball/ Cricket/ Football/ Hockey/ Softball/ Volleyball/ Handball/ Basketball/ Netball (Any two of these) | 6 | 4 | 30 | 70 | 100 |
| | Part - | C Teach | ing Practi | ces | | |
| TP - 301 | Teaching Practice: (Teaching Lesson Plans for Racket Sport/ Team Games/Indigenous Sports) (out of 10 lessons 5 internal and 5 external at practicing school) | 6 | 4 | 30 | 70 | 100 |
| | Total | 40 | 32 | 240 | 560 | 800 |

Note: Total Number of hours required to earn 4 credits foreach Theory Course are 68-80 hours per semester whereas 102-120 hours for each Practicum Course.

Dr. Shamtiled Bamta

Semester - IV

| | | rtA:Theore | eticalCour | se | | |
|----------------|---|----------------|-------------|-------------------|-------------------|----------------|
| Course Code | TitleofthePapers | Total Hours | Credit | Internal Marks | External Marks | Total Marks |
| | | CoreC | ourse | | 2.200.00 | Widiks |
| CC-401 | Measurement and Evaluation in Physical Education | 4 | 4 | 30 | 70 | 100 |
| CC-402 | Kinesiology and Biomechanics | 4 | 4 | 30 | 70 | 100 |
| CC-403 | Research and Statistics in Physical Education | 4 | 4 | 30 | 70 | 100 |
| | Ele | ective Cour | rse (Anyor | ie) | | |
| EC-401 | Theory of sports and game | 4 | 4 | 30 | 70 | 100 |
| EC-402 | Sports Management | | | | 1 | |
| | Pa | rt-B Prac | ticalCours | P | | |
| PC-401 | Track and Field / Swimming / Gymnastics (Any one out of three) | 6 | 4 | 30 | 70 | 100 |
| PC-402 | Kabaddi/ Kho-Kho/ Baseball/ Cricket/ Football/Hockey/Softball/ Volleyball/ Handball/ Basketball/ Netball/ Badminton/ Table Tennis/ Squash/ Tennis (Any Two of these) | 6 | 4 | 30 | 70 | 100 |
| | Part | - C Teach | ing Practic | ces | | |
| ГР-401 | Sports specialization: Coaching lessons Plans (One for Sports 5 lessons) | 6 | 4 | 30 | 70 | 100 |
| P-402 | Games specialization: Coaching lessons Plans (One for Games 5 lessons) | 6 | 4 | 30 | 70 | 100 |
| | Total | 40 | 32 | 240 | 560 | 800 |
| | | 160 | 128 | 960 | 2240 | 3200 |

Note: Total Number of hours required to earn 4 credits foreach Theory Course are 68-80 hours per semester whereas 102-120 hours for each Practicum Course.

Dr. Shantilul 139mtg

SCHEME OF EXAMINATION

| Paper | SEMESTER - I Subject | Internal | External | Total Marks |
|----------------|--|----------|----------|----------------|
| | THEORY (400) | | | 11200100 |
| CC-101 | History, Principles and foundation of Physical Education | 30 | 70 | 100 |
| CC-102 | Anatomy and Physiology | 30 | 70 | 100 |
| CC-103 | Health Education and Environmental Studies | 30 | 70 | 100 |
| EC- 101/102 | Olympic Movement/Officiating and Coaching (Elective) | 30 | 70 | 100 |
| | PRACTICAL (400) | | | |
| PC-101 | Track and Field (Running Events) | 30 | 70 | 100 |
| PC-102 | Swimming/Gymnastics/Shooting | 30 | 70 | 100 |
| PC-103 | Indigenous Sports: Kabaddi/ Malkhambh/ lezim / March past (Any of one out of these) | 30 | 70 | 100 |
| PC-104 | Mass Demonstration Activities: Kho-Kho / dumbbells / tipri / wands / hoop /umbrella (Any one out of these) | 30 | 70 | 100 |
| | Total | 240 | 560 | 800 |

SEMESTER -II

| Paper | Subject | Internal | External | Total Marks |
|----------------|--|----------|----------|----------------|
| | THEORY (400) | | | 5.030340 |
| CC-201 | Yoga Education | 30 | 70 | 100 |
| CC-202 | Educational Technology and Methods of Teaching in Physical Education | 30 | 70 | 100 |
| CC-203 | Organization and Administration | 30 | 70 | 100 |
| EC- 201/202 | Contemporary issues in physical education, fitness and wellness/ Sports Nutrition and Weight Management (Elective) | 30 | 70 | 100 |
| | PRACTICAL (300) | | | |
| PC-201 | Track and Field (Jumping Events) | 30 | 70 | 100 |
| PC-202 | Yoga/Aerobics / Swimming / Gymnastics (Any of the two out of these) | 30 | 70 | 100 |
| PC-203 | Racket Sports: Badminton/ Table Tennis/ Squash/ Tennis (Any of the two out of these) | 30 | 70 | 100 |
| | TEACHING PRACTICE (100) | | | |
| TP-201 | Teaching Practice (Classroom and outdoor) | 30 | 70 | 100 |
| | Total | 240 | 560 | 800 |

Dr. Shantilal Bamta

SEMESTER -III

| Paper | Subject | Internal | External | Total Marks |
|----------------|---|----------|----------|----------------|
| | THEORY (400) | | | |
| CC-301 | Sports Training | 30 | 70 | 100 |
| CC-302 | Computer Applications in Physical Education | 30 | 70 | 100 |
| CC-303 | Sports Psychology and Sociology | 30 | 70 | 100 |
| EC- 301/302 | Sports Medicine, Physiotherapy and Rehabilitation/Curriculum Design (Elective) | 30 | 70 | 100 |
| | PRACTICAL (300) | | | |
| PC-301 | Track and Field (Throwing Events) | 30 | 70 | 100 |
| PC-302 | Combative Sports: Martial Art, Karate, Judo, Fencing, Boxing, Taekwondo, Wrestling (Any two out of these) | 30 | 70 | 100 |
| PC-303 | Team Games: Baseball, Cricket, Football, Hockey, Softball, Volleyball, Handball, Basketball, Netball (Any two of these) | 30 | 70 | 100 |
| | TEACHING PRACTICE (100) | | | |
| TP-301 | Teaching Practice (Teaching Lesson Plans for Racket Sport/ Team Games/Indigenous Sports) | 30 | 70 | 100 |
| | Total | 240 | 560 | 800 |

| Paper | Subject | Internal | External | Total Marks |
|----------------|---|----------|----------|----------------|
| | THEORY (400) | | | |
| CC-401 | Measurement and Evaluation in Physical Education | 30 | 70 | 100 |
| CC-402 | Kinesiology and Biomechanics | 30 | 70 | 100 |
| CC-403 | Research and Statistics in Physical Education | 30 | 70 | 100 |
| EC- 401/402 | Theory of sports and games(Specifically sports and games specialization)/Sports Management (Elective) | 30 | 70 | 100 |
| | PRACTICAL (200) | | | |
| PC-401 | Track and Field/Swimming /Gymnastics (Any of one out of these) | 30 | 70 | 100 |
| PC-402 | Kabaddi/ Kho-Kho/ Baseball/ Cricket/ Football/Hockey/Softball/ Volleyball/ Handball/ Basketball/ Netball/ Badminton/ Table Tennis/ Squash/ Tennis (Any of one out of these) | 30 | 70 | 100 |
| | TEACHING PRACTICE (200) | | | |
| TP-401 | Sports Specialization: Coaching lessons Plans Track and Field/Swimming /Gymnastics (Any of one out of these) | 30 | 70 | 100 |
| TP-402 | Game specialization Coaching lessons: Kabaddi/ Kho- Kho/ Baseball/ Cricket/Football/Hockey /Softball/ Volleyball/ Handball/ Basketball/ Netball/ Badminton/ Table Tennis/ Squash/ Tennis (Any of one out of these) | 30 | 70 | 100 |
| | Total | 240 | 560 | 800 |

Dr. Shantilal Bamta

OFFICE OF THE REGISTRAR MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No.: MU/RO /2021/ \$ 51- A

17th June 2021

OFFICE ORDER

Sub.: Reconstitution of Board of Studies for Department of Humanities.

The Board of Studies for the Department of Humanities is reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

1) Prof. (Dr.) Chitralekha Singh, Dean, Faculty of Humanities, Social Science & Fine Arts

- Chairman

2) Dr. Hitkaran Singh Ranawat, Assistant Professor, Sangam University, Bhilwara

- External Member

3) Dr. Hukam Singh Champawat, Assistant Professor, RK Patni College, Kishangarh, Ajmer

- External Member

4) Dr. Rajershi Kumar Kasudhan, Assistant Professor

- Internal Member

5) Mrs. Vandana Chundawat, Assistant Professor

- Internal Member

6) Dr. Sonia Singla, Head & Associate Professor

- Convener

The terms of reference for the Board of Studies are as provided in Rule 7 of the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as a special invitee if it is considered his association will contribute to the task of the meeting with the approval of the President/Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking the convenience of the Chairman in the last week of July 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled to TA/DA and sitting fees as per the norms prescribed by Mewar University.

Copy to:

- · PS to Hon'ble Chairperson (for kind information)
- PS to Hon'ble President (for kind information)
- · PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HoDs (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- · Coordinator, IQAC Cell.
- · Record file.

Registrar Mewar University Sangrar, (Chittorgarh)

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

DEPARTMENT OF HUMANITIES

DATE: 29/07/2021

Minutes of Meeting of Board of Studies

The Board of Studies Meeting of the Department of Humanities was held on 29th July 2021 in Room No. 135 at 11:00 am onwards to approve the new/changes in curriculum and syllabus revision for session 2021-22.

The following members were present: (Annexure 1)

- 1) Prof. (Dr.) Chitralekha Singh, Dean, Faculty of Humanities, Social Science & Fine Arts
 - Chairman
- 2) Dr. Hitkaran Singh Ranawat, Assistant Professor, Sangam University, Bhilwara
 - External Member
- 3) Dr. Hukam Singh Champawat, Assistant Professor, RK Patni College, Kishangarh, Ajmer
 - External Member
- 4) Dr. Rajershi Kumar Kasudhan, Assistant Professor
- Internal Member

5) Mrs. Vandana Chundawat, Assistant Professor

- Internal Member

6) Dr. Sonia Singla, Head & Associate Professor

- Convener

Dr. Sonia Singla (Head, Department of Humanities) warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 1: To approve minutes of the previous BOS, held on 16-10-2020

Resolution: Minutes of the previous BOS of the Humanities department held on 16-10-2020 were discussed and approved.

Agenda 2: Brief presentation of academic activities of the department before the BOS Committee by the convener

Resolution: Dr. Sonia Singla (Head, Department of Humanities) presented a departmental activity report mentioning all the activities conducted related to curricular development, research development, and faculty development.





Agenda 3: Review in any Program/Course

Resolution: No changes were made to the approved scheme and syllabus of the course B.A., M.A. (English), M.A. (Hindi), BPA, MPA, BVA, and MVA. The Committee decided to continue them as mentioned by previous meeting.

Agenda 4: To recommend the approved syllabus to Academic Council.

Resolution: Members of the Board of Studies approved the reviewed syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was concluded with a gentle thank you by the Chairperson.





MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

DEPARTMENT OF HUMANITIES

DATE: 29/07/2021

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|--|--------------------|-----------|
| 1 | Prof. (Dr.) Chitraleka, Dean, Department of Fine Arts | Chairman | 05 |
| 2 | Prof. Trigunateet Jaimini. Professor | External Member | 29.07 |
| 3 | Dr. Gaurav Shukla, Professor JNV University, Jodhpur | External Member | Spring at |
| 4 | Dr. Rajershi Kumar Kasudhan, Assistant Professor, Music | Internal Member | 2 Kadha |
| 5 | Ms. Vandana Chundawat, Head, English Department | Internal Member | Vende - |
| 6 | Dr. Sonia Singla, Head, Department of Humanities | Convener | And- |

OFFICE OF THE REGISTRAR

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Ref. No,:MU/RO/2021/8/2_

07th June 2021

OFFICE ORDER

Sub.: Reconstitution of Board of Studies for Department of Life Science

The Board of Studies for the Department of Life Science reconstituted as per Rule 7 of the Statutes of Mewar University, as under:

1. Mr. D. K. Sharma, Dean Academics

- Chairman

2. Dr. Anil Tripati, Associate Prof., Dept. of Zoology, MLV Govt. College Bhilwara

- External Member

3. Dr. B. L. Jagetiya, Associate Prof. Dept. of Botany, MLV Govt. College Bhilwara

- External Member

4. Dr. Satish Kumar Ameta, Assistant Professor, Environmental Science.

-Internal Member

5. Dr. Ankita Mathur, Assistant Professor, Microbiology

-Internal Member

6. Ngayam Rungsung

- Alumni

7. Dr. Umesh Garu, Head & Assistant Professor

- Convener

The terms of reference for the Board of Studies are as provided in Rule 7 of the Statutes.

The Chairman of the Board of Studies may associate any member in the meeting, as a special invitee if it is considered his association will contribute to the task of the meeting with the approval of the President/Vice-Chancellor.

The Convener of the Meeting is advised to hold the meeting of the BOS seeking the convenience of the Chairman in the fourth week of June 2021. The proceedings of the meeting may be sent to the VC/Registrar as early as possible.

The External Members shall be entitled to TA/DA and sitting fees as per the norms prescribed by Mewar University.

Copy to:

Gangrar, (Chitturgarh)

- · PS to Hon'ble Chairperson (for kind information)
- · PS to Hon'ble President (for kind information)
- PS to Hon'ble Pro-President (for kind information)
- All concerned Deans/Directors/HoDs (for kind information & necessary action)
- Accounts/Examination/Library/Store/Warden/Security/IT Head.
- · Coordinator, IQAC Cell.
- · Record file.

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

DEPARTMENT OF LIFE SCIENCE

DATE: 22.06.2021

Minutes of Meeting of Board of Studies

The Board of Studies Meeting of the Department of Life Science, Faculty of Science and Technology was held on 22nd June 2021 in Room No. 135 at 10:00 am onwards to approve the new/changes in curriculum and Syllabus revision for session 2021-22.

The following members were present: (Annexure 1)

1. Mr. D. K. Sharma, Dean Academics

- Chairman

- 2. Dr. Anil Tripati, Associate Prof., Dept. of Zoology, MLV Govt. College Bhilwara External Member
- 3. Dr. B. L. Jagetiya, Associate Prof. Dept. of Botany, MLV Govt. College Bhilwara External Member
- 4. Dr. Satish Kumar Ameta, Assistant Professor, Environmental Science.

-Internal Member

5. Dr. Ankita Mathur, Assistant Professor, Microbiology

- Internal Member

6. Ngayam Rungsung

- Alumni

Dr. Umesh Garu, Head & Assistant Professor.

- Convener

At the outset, Dr. Umesh Garu, Head of the Department of Life Science, warmly welcomed all the board members. The Head also appreciated the presence of outside experts who took the pain and keen interest to attend this meeting.

Agenda 1: To approve minutes of the previous BOS, held on 19-06-2020

Resolution: Minutes of the previous BOS of the Life Science Department held on 19-06-2020 were discussed and approved.

Agenda 2: Brief presentation of academic activities of the department before the BOS Committee by the convener

Resolution: Dr. Umesh Garu (Head, Department of Life Science) presented departmental activities report mentioning all the activities related to curricular development, research development, faculty development and Industrial collaboration were presented.

Agenda 3: Revision of Existing Programmes/Courses

Resolution:

 M.Sc Biochemistry course adds some new courses related to "Techniques of Molecular Biology" as skill Course "in IInd Semester & Research Methodology in IVth Semester". (Annexure 2)



 The reviewed scheme and syllabus for M.Sc Biotechnology, for PG students, was discussed in the upcoming session 2021-22. (Annexure 3)

Agenda 4: Introduction of New Programmes/Course

Resolution: As per the recommendation or suggestion received from the member of the last BOS committee a new programme B.Sc Microbiology will be started with the CBCS scheme on a credit basis so that students can opt according to their interests. The approved scheme with the distribution of marks and syllabus (Theory & Practical) is attached here. (Annexure 4)

Agenda 5: Any other suggestions by BOS Committee

Resolution: To discuss the syllabus, the interdisciplinary committee should be formed with other departments (Biochemistry, Chemistry, Biotechnology, English, etc.)

Agenda 6: To recommend the approved syllabus to Academic Council.

Resolution: Members of the Board of Studies approved the revised syllabus and recommended the same be forwarded to the Academic Council for their approval.

The meeting was dissolved with thanks to the Chair and all the Board of Studies Members.

Annexure 1: Attendance Sheet

| S.NO. | Name & Designation | Designation in BOS | Signature |
|-------|--|--------------------|---------------|
| 3 | Dean, Faculty of Science & Technology | Chairman | |
| 2 | Dr. B.L. Yadav, Retd. Professor, Dept. of Botany, MLV Govt. College Bhilwara, MDSU Ajmer | External Member | Sport. |
| 3 | Dr. C.K. Sharma, Retd. Professor, Dept. of Zoology, MLV Govt. College Bhilwara, MDSU Ajmer | External Member | 10000 |
| 4 | Dr. Satish Kumar Ameta, assistant Professor | Internal Member | Satisfal 6/21 |
| 5 | Dr. ankita Mathur, Assistant Professor | Internal Member | Artily |
| 6 | Nitesh Kumar Malvi | Alumni | Hitesh |
| 7 | Dr. Umesh Garu, Assistant Professor | Convener | Marian. |

MBT 102: Analytical Techniques & Research Methodology

Unit I

Microscopy: Principles and applications, simple, compound, phase-contrast and fluorescentmicroscopes, Electron microscopy: SEM and TEM. Centrifugation: Basic Principle of Centrifugation, Instrumentation of Ultracentrifuge (Preparative, Analytical), Factors affecting Sedimentation velocity, Standard Sedimentation Coefficient, Centrifugation of associating systems, Rate-Zonal centrifugation, sedimentation equilibrium Centrifugation.

Unit II

Separation Identification of Materials: Concept of Chromatography (PartitionChromatography, Paper Chromatography, Adsorption Chromatography, TLC, GLC, IonExchange Chromatography. Gel Chromatography, HPLC. Affinity Chromatography); Electrophoresis (Gel Electrophoresis, Paper Electrophoresis); Blotting-Southern, Western and Northern blotting, Immuno electrophoresis, DNA finger printing and ELISA.

Unit III

Spectroscopy: Electromagnetic spectrum, Beer Lambert's Law. Photometry, UV/VIS Spectrophotometry, Infrared spectroscopy, Atomic absorption spectroscopy, Mass spectroscopy (LC-MS, GC-MS), Fluorescent spectroscopy; Applications of differentSpectroscopic techniques in Biological science.NMR Spectroscopy: Basic principle of NMR spectroscopy, Experimental technique & instrumentation, Chemical shift, Hyper fine splitting, Relaxation process. Circular dichrorism spectroscopy (CD) and Applications of Circular dichrorism spectroscopy in biotechniques.

UNIT- IV

Fixation and Fixatives: Methods of fixation, chemicals used as fixatives and their preparation, chemical basis of fixation (formaldehyde, glutaraldehyde, chromium salts, mercury salts, alcohol and acetone), washing and post fixation methods, decalcification, Cryopreservation. Microtomy and sample preparation for microscopy- Dehydration, clearing and infilteration, embedding methods, trimming, sectioning. Cryostat sectioning and mounting,mounting media,freezing techniques, freeze drying, freeze fracture and itching. Staining techniques (Nuclearand Cytoplasmic Stains).Tracer Techniques: Nature and types of radiations, preparation of labelled biologicalsamples, Detection and measurement of radioactivity, GM counter, Scintillation counter, Autoradiography, Flow cytometry, Safety measures in handling radioisotopes,

UNIT V

Basic concepts of research: Research-definition and types of research (Descriptive vs analytical; applied vs fundamental; quantitative vs qualitative; conceptual vs emperical). Research methods vs methodology. Literature-review and its consolidation; Library research; field research; laboratory research.

The art of scientific writing and its presentation: Numbers, units, abbreviations and nomenclature used in scientific writing. Writing references. Powerpoint presentation. Poster presentation. Scientific writing and ethics,

Ethical Issues:Intellectual property Rights, Commercialization, Copy Right, Royalty, Patent law, Plagiarism, Citation, Acknowledgement

Techniques of Molecular Biology

- Agarose Gel Electrophoresis, SDS Poly Acrylamide Gel Electrophoresis for Protein Native Poly Acrylamide Gel Electrophoresis.
- Restriction Digestion, PCR Techniques

Suggested Readings:

- 1. Friefielder DM. (1983). Physical Biochemistry: Applications to biochemistry andmolecular biology. 2nd revised edition, W.H Freeman.
- 2. Skoog DA, Holler FJ, Crouch SR. (2014). Principles of Instrumentation analysis, 6th edition, cengage.
- 3. Robyt JF, White BJ. (1990). Biochemical techniques: Theory and practice, WavelandPr Inc.

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| Const. F. | Medical Microbiology and Immunology | Microbes in Environment | Industrial and Food Microbiology | Microbial Metabolism | Biomathematics and Biostatistics | Introduction and Scope of Microbiology | Generic Elective (Any one per semester in semester I-IV) | |
|-----------|-------------------------------------|-------------------------|----------------------------------|----------------------|----------------------------------|--|--|--|
|-----------|-------------------------------------|-------------------------|----------------------------------|----------------------|----------------------------------|--|--|--|

| Management of Human Microbial Diseases | Food Fermentation Techniques | Biofertilizers and Bioposticides | Microbial Diagnosis in Health Clinics | Microbial Quality Control in Food and Pharmaceutical Industries | Skill Enhancement Course (Any one per semester in semesters III & IV) | |
|--|------------------------------|----------------------------------|---------------------------------------|---|---|--|
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| M4200-ET04 | Wildlife Biology Disdiversity and Animal Behaviour (Ethelogy) & Microbiology |





Mewar University, Chittorgarh Scheme for M.Sc. Microbiology CBCs Scheme 2021-22 S.No. Type of Course . I SEMESTER Paper Code COURSE NAME Core Course 1 Credits End Term Instrumentation and Analytical Teacher MIMB-CT01 Eram Core Course 2 Assesment Yotal Marks Techniques MIMB-CT02 Fundamentals of Microbiology 60 Core Course 3 411 MIMB-CT03 Cell Biology and Molecular Grantics 100 Cure Course 4 60 М1МВ-СТО4 40 Biochemistry Core Course Practical 1 MIMB-CP01 60 6 Gore Course Practical'2 441 Core Practical-1 M1M8-CP02 | Core Practical-2 100 60 40 100 Total 100 100 24 Type of Course Paper Code COURSE NAME ore Course 5 M2MB-CT05 End Term Credity Care Course 6 Genetic Engineering Teacher M2MB-C706 Fermentation Technology Exam Assesment Core Course Total Marks M2Mil-Cr02 Molecular Hology 60 ore Course 8 40 M2MB-CT08 Notaformatics Care Course Practical 3 M2MB-CP03 Guee Practical-3 40 Core Course Practical 4 M2M8-CP04 | Core Practical-4 Skill Course I 10 M2MB-SEC01 | Any one from the given int 1.00 20 26 M.Sc. TH SEMESTER S.No. Type of Course 650 Paper Code COURSE NAME 1 Core Course 9 Credits End Term Teacher MEMB-CT09 fixam Microbial Physiology and Metabolish Total Marks Care Course 10 Assesment M3ME-CT10 Discipline Specific Virelogy 60 40 Dective 1 MIMB-ETOI titie Any one from the given list 60 Discipitue Specific 40 4 1 (17) 4 мами-егог Elective 2 647 Any one from the given hat 60 Core Course Practical S МЗМВ-СР04 4 Care Practical-5 Discipline Specific 60 40 Elective Practical I M3MB-EP01 1/2 DSE Practical-1 100 Total 4 100 24 100 M.Sc. IV SEMESTER (A) 600 S.No. Type of Course Paper Code COURSENAME 1 Training Credita Teacher M4MB-CT11 Major Research Project Project/ Assesment Dissertation Presentation Total Marks Report & Viva-Voce STATISTICS OF SELECTION S.Na. M.Sc.-IV SPMESTER (B) Type of Course 650 Paper Code COURSE NAME Minor Project M4MB-CT11 Credite End Term Discipline Specific Minur Research Project Teacher 2 Exam filective 3 Assesment Total Marks M4MB-ET03 Any one from the given list Discipline Specific 150 3 350 Merthe 4 MAMB-ETD4 60 Any one from the given list 40 Discipline Specific 100 4 4 filective Practical 2 МЭМИ-ЕРО2 60 DSE Practicul-2 40 6 Total Too Course code 26 Core Course 050 MIMB-CT01 Instrumentation and Analytical Technoposa Course code MIMB-CT02 Skill Course Fundamentals of Microbiology MIMB-CTOS MAMBISECOT Techniques of Microbiology Cell Biology and Molecular Genetics MIMB-CT04 MZMB-SEC01 liestatistical Biochemistry M2MB-GT05 Course code Genetic Engineering Discipline Specific Elective **М2МВ-СТО6** Fermentation Technology Microbial Genetics MIMB ETGI M2MB-CT07 Host Parasite Interactions Molecular Biology M2MB-CTOB Riocoformatics Microbias Ecology MEMBER TTO: M3MB-CT09 Microbial Physiology and Metabolism Environmental Microbiology MIME-CT10 Research Methodology Virology M4MB-ET03 Food and Dairy Microbiology Advances in Maxishiology Mahin-Fros

Medical Microbiology



Mewar University, Chittorgarh
Scheme for M.Sc. Endronmental Science (CBCS)

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| dor | 5 | 60 | + | | M3EVS-CP04 | Discipline Specific | Discip |
| 160 | 40 | 649 | | Any one from the given list | 2012-Casesa | Core Course Present | Core |
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| Total Marks | Assement | 6 | 4 | - | 1 | Distipline Specific | Dist |
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|--|--------------------|---|------------------|------------------|-----------------------|--------------------------|
| Type of Course | Paper Code | ALSC - INF | | chemie) | | |
| Core Course 1 Core Course 2 | MENT-CT01 | Instrumentation and Analysical Techniques | Credits | End Term Exam | Teacher Assessment | Total Marks |
| Core Course 3 Core Course 4 | MILIT-CT02 | Fundamentals of Mississing | - | 60 | 40 | (0) |
| Core Course Practical 1 Core Course Practical 2 | The second second | Cell Biology and Molecular Genetics Biochemistry Care Fractical I | - | 60 | 40 | tile |
| Practical 2 | MIBT-CP02 Total | Core Practical-2 | 1.4 | 100 | 60 | 100 |
| Tractical 2 | with trebal | Core Practical-2 | 14 4 24 | 100 | 60 | 100 100 100 100 |
| Type of Course | | M.SC. III STATE | ALTERNATION . | | | 600 |

| No. Type of Course L Core Course 5 | Paper Cede | COURSE NAME | SEMESTER | State Charles | | 600 |
|--|---|--|--------------|------------------------|-----------------------|-------------|
| Core Course 6 Core Course 7 Core Course 8 | MARKET | Centric Engionering | Credita 4 | End Term Exam 60 | Tearner Assessment | Total Marks |
| Com Course Practical J Core Course Practical 4 (Still Course) | M28T-CTOR M28T-EPO3 6 M28T-CP04 6 | Molecular History Distribution Core Practical 3 Des Practical 4 | | 60 60 | 40 40 40 | 001 001 |
| N. No. 1 - A | | Of one piece the Great list | 1 | 100 | | 100 100 |

| No. Typeof Course | Paper Code | COURSE NAME | SEMESTER | W. W. 1881 | | 650 |
|--|------------------------|---|----------|------------|-----------------------|-------------|
| 2 Core Course 9 2 Core Course 20 3 Discipline Specific | MIRT-CT09 MIRT-CT10 | Physical Rhouse Commission of the Commission of | Credits | Exam | Teacher Assessment | Total Marks |
| Elective 1 Discipline Specific | Mairr-Eros | Any one from the given list | 4 | 60 | 40 | 100 |
| Core Course Practiced 5 | MINT-ET02 | Any one from the close to | 1 | 60 | 40 | file |
| Dateigline Specific | AND AT - CPOS | Core Practical-5 | + | GU | 40 | 100 |
| Elective Practical 1 | Magr.gro1 | DSR Practical-1 | 1 | 100 | | 100 |

| S.No. | Type of Course | Paper Code | COURSE NAME | M SCHIVSEMESTE | H (A) | COPPARIS A | OH HERE | - | 90 |
|-------|----------------|------------|------------------------|----------------|---------|----------------------|---------------|--------------------|---------|
| 1 10 | dalog | 4 | Major Research Project | | Fredity | Teacher Adversers | | Presentation | Jan J |
| 5.No. | Type of Course | Paper Code | COURSE NAME | MSC-WSEMESTER | (B) | 200 | REPORT 250 | & Viva-Vore 200 | OSU OSU |

| I. Minur Project | Paper Code | COURSE NAME | SEMESTER (B) | A West | 250 | 200 650 |
|---|------------|-----------------------------|--------------|------------|-----------|------------------|
| 2 Descipline Specific | 944BT-P102 | Minor Enseasyn Project | Credita | EndTerm | Teacher | Walt 2000 Arthur |
| Bective 3 Discipline Specific | | Any one from the given har | 14 | 200 200 | Assesment | Total Marks |
| Tributibre 4 | MAIRTAPPEA | Any one from the given list | 4 | 60 | 40 | 150 |
| Discipline Specific Elective Practical 2 | 4.804 cm. | DSE Praeticals2 | 4 | 60 | 40 | 100 |
| 100 | Total | 2 D W MS3 | 4 | 100 | | 100 |
| Course code | 5.0 | 47.0 | 20 | | | 100 |

| Course code Militation | Core Course |
|---------------------------|------------------------------------|
| MIRZ-CTOZ | 1 HOUSE HERE LEGISLE CO. A |
| MIRT-CIUI | Frindamentals of Stigraturelogy |
| | Gell Budgey and Melecular Geoetics |
| MIST-CTOS | Biochemistry |
| MZZT-CT05 | |
| HOUT-Chip | Genetic Engineering |
| M2R7-C707 | Fernientation Technology |
| MZirr-Cros | Leaning Challes. |
| Maar-cros | Wolffurnistics |
| AOST-CTIO | Frant Evoluctionlogy |
| ACCESSED 110 | Animal Biotechnology |

| Course code | E 2 144 m |
|-------------|---|
| MEST SECUL | Skill Course |
| MIRT SECON | The Purpose of Molecular Biology Brostatistics |

| Course code | Discipline Specific Electron |
|-------------|---|
| WERL- FLOT | prostrominalingy and Farmer of the |
| MERTS TREE | Biosafery, Bioethics and IPE Environmental Historianning/ |
| 8848T-E703 | Generales & Protesimics Research Methodology |
| MARTER TO | Food and Doley Biotechnology Advanced Biotechnology Medical In J. Pharmaceubeal |







Department of Life Science (Biochemistry)

Syllabus & Detailed Scheme

of

M.Sc. Biochemistry (2 years)

{2021,2022}

DEPARTMENT OF LIFESCIENCE
(BIOCHEMISTRY)

FACULTY OF SCIENCE AND TECHNOLOGY
MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)

Mewar University, Chittorgarh

Year: 2021-22

PG Course-M.Sc. Biochemistry

Core Course

| Sr. No. | A COUT 26 | Semester | | |
|---------|----------------|-----------|--|---|
| 1 | Core Course 1 | ocmester. | Ferrage Code | Trick |
| 2 | Core Course 2 | _ ! | M1BC-CT01 | Instrument |
| 3 | Core Course 3 | | M1BC-CT02 | Instrumentation and Analytical Technique |
| 4 | Core Course 4 | 4.3 | MIBC-CT03 | |
| 5 | Core Course 5 | 100 | M1BC-CT04 | Cell Biology and Molecular Genetics |
| 6 | Core Course 6 | - 11 理 | M2BC-CT05 | The state of Ringham |
| | Core Course 7 | Hear | M2BC-CT06 | Bioenergetics and Metabolism Molecular Biology |
| 8 | Core Course 8 | III - | ************************************** | Enzymology |
| 9 | Core Course 9 | H. | M2BC-CT08 | Bioinformatics |
| | Core Course 10 | 111 | A. P. St. Co. Co. Co. Co. | Chaves D |
| - | and se 10 | 111 | Mana con | Clinical Biochemistry Immunology |

| Sr. No. | Type of Course | Semester | Course | * * |
|---------|----------------------------|----------|-----------|---|
| 1 | Core Course Practical 1 | Sk | MIBC-CP01 | Core Practical-1 |
| 2 | Core Course Practical 2 | 1 | M1BC-CP02 | Biochemistry) |
| | Core Course Practical 3 | 1 / 2 | MZBC-CP03 | (Ceft Biology and Molecular Genetics + Fundamentals of Biochemistry) Core Practical-3 |
| 1 | Core Course Practical 4 | 11 | M2BC-CP04 | (Bioenergetics and Metabolism + Enzymology) Core Practical-4 |
| | ore Course ractical 5 | m | M3BC-CP05 | (Molecular Biology + Bioinformatics) Core Practical-S (Clinical Biochemistry + Immunology) |



Skill Enhancement Course Elective

| Sr. No. | Type of Course | Semester | Course code | | |
|------------|----------------|----------|-------------|------------|--|
| 1 | Skill Course | | | | Title of the Course |
| 2 | | 11 | M2BC-SEC01 | Any One | Techniques of Analytical Biochemistry |
| | | | M2BC-SEC01 | | Biostatistics |

| Sr. No. | Trans. Co. | Semester | Course | 18 | | |
|------------|--------------------------------|----------|-------------|-----|---|---------|
| 1 | Discipline Specific Elective 1 | - 100 9 | Course code | Any | Title of the Course | |
| 2 | Discipline Specific | H & | M3BC-ETOI | One | - rotem chancering | |
| | Elective 2 | THI THE | M3BC-ET02 | Any | Nutritional Biochemistry Principles of Evolutionary and | |
| 3 | Discipline Specific Elective 3 | ıv | M4BC-ET03 | Any | Developmental Biology Research Methodology | |
| | Discipline Specific | | īV | IV | - 1 | one One |
| 1 | Elective 4 | | M4BC-ET04 | Any | Molecular medicine | |
| scip | ine Specific Elective Pr | 100 | | One | Genomics & Proteomics | |

| a. | Type of Course | Semester | Course code | |
|---|----------------------|-------------|------------------------|--|
| 1 Discipline Specific | - | course code | Title of the Course | |
| - | Elective Practical 1 | - in | M3BC-EP01 | |
| Discipline Specific Elective Practical 3 | THE RESERVE AND | 1000-2101 | Based on Choice of DSE | |
| | IV. | M3BC-EP02 | Based on Choice of DSE | |

| emester | Course | |
|---------|-------------|---|
| *** | course code | Title of the Course |
| IV | M4BC-P101 | |
| IV | 24400 | Major Research Project Minor Research Project (Compulso |
| , | IV | IV M4BC-PJ01 |



M.Sc. Biochemistry I Semester Session 2021-22 onwards

The examination shall consist of four theory papers and two practical

| | 75.5 | The second secon | y papers and two practical | |
|---------|------------|--|-------------------------------------|------|
| Sr. No. | Paper Code | CC/DSE/ SEC | Title | |
| 1 | M1BC-CT01 | CC1 | Instrumentation and Application | Cred |
| 2 | MIBC-CT02 | CC2 | Plant Physiology and Biochemistry | 4 |
| 31 | M1BC-CT03 | CC3 | Cell Biology and Molecular Genetics | 4 |
| 4 | M1BC-CT04 | CC4 | Fundamentals of Biochemistry | 4 |
| 5 | MIBC-CP01 | CC1-PR | Core Practical-1 | 4 |
| 6 | MIBC-CP02 | CC2-PR | Core Practical-2 | 4 |
| | jié . | Total | 一個部分を 江田 かかつゆ イル | 43. |
| 1 | | 7 | | 24 |

Note:

CC - Core-Course

PR-Practical



M.Sc. Biochemistry II Semester Session 2021-22 onwards

The examination shall consist of four theory papers, two practical and one skill enhancement course

| S. No. | Paper Code | CC/DSE/ SEC | | |
|--------|------------|-------------|--|-------|
| 1 | M2BC-CT05 | CCS | es little | Credi |
| 2 | M2BC-CT06 | CC6 | Bioenergetics and Metabolism Enzymology | - 1 |
| 3 | M2BC-CT07 | GC7 | Molecular Biology | 2 2 1 |
| 4 | M2BC-CT08 | CC8 | Bioinformatics | 4 |
| 5 | M2BC-CP03 | CC3-PR | Core Practical-3 | 4 |
| 6 | M2BC-CP04 | CCA DD | Core Practical-4 | 4 |
| M | diell | | 7 | 4 |
| M | 2BC-SECO1 | NSEC1 | echniques of Analytical Biochemistry | 12 |
| | Y | Total | | 2 |
| | | | 1 10 | 26 |

- CC Core Course
- PR-Practical
- SEC Skill Enhancement Course
- Students will opt any one Skill Enhancement Course (SEC) out of given options

M.Sc. Biochemistry III Semester Session 2021-22 onwards

The examination shall consist of four theory papers and two practical

| S. No | . Paper Code | CC/DSE/ SE | ory papers and two practical | |
|-------|--------------|------------|--------------------------------|-------|
| 1 | M3BC-CT09 | CC9 | 11116 | Credi |
| 2 | M3BC-CT10 | CC10 | Clinical Biochemistry | 4 |
| 3 | M3BC-ET01 | DSE1 | Immunology Genetic Engineering | 4 |
| 940 | A 4.4 | DSE1 | Protein Engineering | 4 |
| S4. | МЗВС-ЕТО2 | DSE2 | Nutritional Biochemistry | 4 |
| 10 A | 2010 | DSE2 | reinciples of Evolutions | 4 |
| 5 | МЗВС-СРО5 | CC5-PR | iopidental Biology | 44 |
| 6 | МЗЕС-ЕР01 | Don. | Core Practical-5 | 4 |
| 本能力 | 東京アファッ | Total | DSE Practical-1 | 4 |
| | - 4 | - * | | 24 |

Note:

- CC- Core Course DSE Discipline Specific Elective Courses
- PR-Practical
- Students will opt any two Discipline Specific Elective Courses (DSE) out of given options









M.Sc. Biochemistry IV Semester Session 2021-22 onwards

| S. No | . Paper Code | CC/DSE/ SE | Choice of A or B | |
|-------|---------------------------------------|---------------|--|------------|
| 1 | M4BC-PJ01 | Training | Title Major Research Project (Research Work/Training) | Cred 26 |
| 1 | M4BG-PJ02 | Minor Project | 8. | |
| 2 | M4BC+ET03 | DSE3 | Research Methodol | 14 |
| 3 | M4BC-ET04 | DSE4 | Secondary Metabolites and Metabolic Engineering Molecular Medicine | 4 |
| 4 | M3BG-EP02 | DSE2 PR | Genomics & Protegmes | 4 |
| _ | Total | | DSE Practical-2 | -4 |
| te; | # # # # # # # # # # # # # # # # # # # | No. | dell' | 26 |

- CC Core Course
- DSE Discipline Specific Elective Courses PR- Practical
- Students will opt any two Discipline Specific Elective Courses (DSE) out of given options.
- In 4th semester the students have an option of either doing Major research project (MRP) or he/she can do Minor Research Project along with take any two DSE electives.

CHOICE A. Major Research Projects (M4BC-PJ0)

CHOICE B. 2 Minor Research Projects + 2 DSE

Department of Life Science (Microbiology)

Syllabus & Detailed Scheme

of

B.Sc. (Hons.) Microbiology (3 years)

{2021-2022}



DEPARTMENT OF LIFESCIENCE

(MICROBIOLOGY)

FACULTY OF SCIENCE AND TECHNOLOGY

MEWAR UNIVERSITY, GANGRAR, CHITTORGARH (RAJ.)



Mewar University, Chittorgarh Year: 2021-22 PG Course-B.Sc. (Hons.) Microbiology

Core Course Theory

| Sr. No. | Type of Course | Semester | Course code | Title of the Course |
|---------|----------------|----------|-------------|-------------------------------------|
| 1 | Core Course 1 | I | B1MB-CT01 | Biochemistry |
| 2 | Core Course 2 | I | B1MB-CT02 | Cell Biology |
| 3 | Core Course 3 | II | В2МВ-СТ03 | Bacteriology |
| 4 | Core Course 4 | II | В2МВ-СТ04 | Microbial Physiology and Metabolism |
| 5 | Core Course 5 | III | ВЗМВ-СТ05 | Virology |
| 6 | Core Course 6 | 111 | ВЗМВ-СТ06 | Instrumentation and Biotechniques |
| 7 | Core Course 7 | III | ВЗМВ-СТ07 | Molecular Biology |
| 8 | Core Course 8 | IV | B4MB-CT08 | Microbial Genetics |
| 9 | Core Course 9 | IV | B4MB-CT09 | Environmental Microbiology |
| 10 | Core Course 10 | IV | B4MB-CT10 | Food and Dairy Microbiology |
| 11 | Core Course 11 | V | B5MB-CT11 | Industrial Microbiology |
| 12 | Core Course 12 | V | B5MB-CT12 | Immunology |
| 13 | Core Course 13 | VI | B6MB-CT13 | Medical Microbiology |
| 14 | Core Course 14 | VI | B6MB-CT14 | Recombinant DNA Technology |

Core Course Practical

| Sr. No. | Type of Course | Semester | Course code | Title of the Course | |
|------------|--------------------------|----------|----------------|--|--|
| 1 | Core Course Practical 1 | I | B1MB-CP01 | Biochemistry Lab | |
| 2 | Core Course Practical 2 | 1 | B1MB-CP02 | Cell Biology Lab | |
| 3 | Core Course Practical 3 | 11 | B2MB-CP03 | BacteriologyLab | |
| 4 | Core Course Practical 4 | II | B2MB-CP04 | Microbial Physiology and Metabolism Lab | |
| 5 | Core Course Practical 5 | III | B3MB-CP05 | VirologyLab | |
| 6 | Core Course Practical 6 | III | ВЗМВ-СР06 | Instrumentation and Biotechniques Lab | |
| 7 | Core Course Practical 7 | III | ВЗМВ-СР07 | | |
| 8 | Core Course Practical 8 | IV | B4MB-CP08 | Microbial Genetics Lab | |
| 9 | Core Course Practical 9 | IV | B4MB-CP09 | Environmental Microbiology Lab | |
| 10 | Core Course Practical 10 | IV | B4MB-CP10 | Food and Dairy MicrobiologyLab | |
| 11 | Core Course Practical 11 | V | B5MB-CP11 | Industrial Microbiology Lab | |
| 12 | Core Course Practical 12 | V | B5MB-CP12 | ImmunologyLab | |
| 13 | Core Course Practical 13 | VI | B6MB-CP13 | Medical Microbiology Lab | |
| 14 | Core Course Practical 14 | VI | B6MB-CP14 | Recombinant DNA Technology Lab | |

Generic Elective (Any one per semester in semester I-IV)

| Sr. No. | Type of Course | Semester | Course code | | Title of the Course |
|------------|---------------------|----------|-------------|--|---|
| 1 | | I | B1MB-GET01 | | Introduction and Scope of Microbiology |
| * | | 2#8 | BIMB-GE101 | 2 | Biomathematics and Biostatistics |
| | | -97.51 | | Any one | Microbial Metabolism |
| 2 | Generic Elective | II | B2MB-GET02 | semester in semesters | Industrial and Food Microbiology |
| 3 | | | B3MB-GET03 | | Microbes in Environment |
| | | | I-IV | Medical Microbiology and Immunology | |
| 4 | | IV | B4MB-GET04 | | Genetic Engineering and Biotechnology |
| | | | | | Microbial Genetics and Molecular Biology |

Generic Elective Practical (Any one per semester in semester I-IV)

| Type of Course | Semester | Course code | Title of the Course |
|---------------------------------|---|--|--|
| Generic Elective Practical 1 | 1 | B1MB-GEP01 | Based on Choice of GE |
| Generic Elective Practical 2 | II | B2MB-GEP02 | Based on Choice of GE |
| Generic Elective Practical 3 | III | ВЗМВ-GEP03 | Based on Choice of GE |
| Generic Elective Practical 4 | IV | B4MB-GEP04 | Based on Choice of GE |
| | Generic Elective Practical 1 Generic Elective Practical 2 Generic Elective Practical 3 Generic Elective | Generic Elective Practical 1 Generic Elective Practical 2 Generic Elective Practical 3 Generic Elective | Generic Elective Practical 1 Generic Elective Practical 2 Generic Elective Practical 3 Generic Elective Practical 3 Generic Elective Practical 3 Generic Elective Practical 3 |

Skill Enhancement Course Elective (Any one per semester in semesters III & IV)

| Sr. No. | Type of Course | Semester | Course code | Title of the Course | |
|------------|-------------------|----------|-------------|-----------------------|---|
| 1 | Skill Enhancement | Ш | B3MB-SEC01 | Any one per | Microbial Quality Control in Food and Pharmaceutical Industries |
| | | | | | Microbial Diagnosis in Health Clinics |
| | | | | | Biofertilizers and Biopesticides |
| | Course | IV | B4MB-SEC02 | semester | Food Fermentation Techniques |
| 2 | Course | | | semesters III & IV | Management of Human Microbial Diseases |
| | | | | marv | Microbiological Analysis of Air and Water |

Ability Enhancement Compulsory Course (Any one per semester in semesters I & II)

| Sr. No. | Type of Course | Semester | Course code | Tit | le of the Course |
|------------|------------------------|----------|-------------|---------------------------------|-----------------------|
| 1 | Ability Enhancement | I, | B1MB-AEC01 | Any one per | English |
| 2 | Compulsory Course | П | B2MB-AEC02 | semester in semesters I & II | Environmental Science |

Discipline Specific Elective Theory (Any two per semester in semesters V &VI)

| Sr. No. | Type of Course | Semester | Course code | | Title of the Course |
|------------|-----------------------------------|----------|----------------|-----------------|--|
| 1 | Discipline Specific | | В5МВ- | | Bioinformatics |
| | Elective 1 | v | DET01 | | Bioinformatics Microbial Biotechnology Advances in Microbiology Plant Pathology Inheritance Biology Microbes in Sustainable Agriculture and Development Biosafety and Intellectual |
| 2 | Discipline Specific | v | В5МВ- | Any two | Advances in Microbiology |
| - | Elective 2 | | DET02 | per semester | 1072 |
| | | | | in | Plant Pathology Inheritance Biology |
| 3 | Discipline Specific Elective 3 | | B6MB- DET03 | semesters | |
| | | VI | DETOS | V &VI | |
| 4 | Discipline Specific | | В6МВ- | | Property Rights |
| 10 | Elective 4 | | DET04 | | Bioinformatics Microbial Biotechnology Advances in Microbiology Plant Pathology Inheritance Biology Microbes in Sustainable Agriculture and Development Biosafety and Intellectual |

Discipline Specific Elective Practical (Any two per semester in semesters V &VI)

| Sr. No. | Type of Course | Semester | Course code | Title of the Course |
|------------|---|----------|-------------|------------------------|
| 1 | Discipline Specific Elective Practical 1 | ., | B5MB-DEP01 | Based on Choice of DSE |
| 2 | Discipline Specific Elective Practical 2 | v | B5MB-DEP02 | Based on Choice of DSE |
| 3 | Discipline Specific Elective Practical 3 | | B5MB-DEP03 | Based on Choice of DSE |
| 4 | Discipline Specific Elective Practical 4 | VI | B5MB-DEP4 | Based on Choice of DSE |

B.Sc. (Hons.) Microbiology I Semester Session 2021-22 onwards

The examination shall consist of -

- · Two core papers and two core practical
- One general elective paper and one general elective paper practical
- · One ability enhancement compulsory course paper

| Sr. No. | Paper Code | CC/DSE/ SEC | | Title | | |
|------------|------------|----------------|------------------|---|----|--|
| 1 | B1MB-CT01 | CC1 | Biochemis | Biochemistry | | |
| 2 | B1MB-CT02 | CC2 | Cell Biolog | у | 4 | |
| | | | | Introduction and Scope of Microbiology | | |
| | | | | Biomathematics and Biostatistics | | |
| | | | | Microbial Metabolism | | |
| 3 | B1MB-GET01 | GE1 | Chose | Industrial and Food Microbiology | | |
| | BIMD-GETOI | GEI | Any One | Microbes in Environment | 4 | |
| | | | | Medical Microbiology and Immunology | | |
| | | | | Genetic Engineering and Biotechnology | | |
| | | | | Microbial Genetics and Molecular Biology | | |
| 4 | B1MB-AEC01 | AECC1 | Chose | English | | |
| | | ALCCI | Any One | Environmental Science | 2 | |
| 5 | B1MB-CP01 | CC1-PR | Core Practical-1 | | 2 | |
| 6 | B1MB-CP02 | CC2-PR | Core Practi | cal-2 | 2 | |
| 7 | B1MB-GEP01 | GE1-PR | General Ele | ctive Practical-1 | 2 | |
| otal | | | | | 20 | |

Note:

CC - Core Course

GE-General Elective

AECC- Ability Enhancement Compulsory Course

PR-Practical

Students will opt any Ability Enhancement Compulsory Course (AECC) out of 2given options

Students will opt any one General Elective (GE) out of 8given options

B.Sc. (Hons.) Microbiology II Semester Session 2021-22 onwards

The examination shall consist of -

- · Two core papers and two core practical
- One general elective paper and one general elective paper practical
- One ability enhancement compulsory course paper

| Sr. No. | Paper Code | CC/DSE/ SEC | Title | Title | | |
|------------|---------------|------------------------------|--|---|----|--|
| 1 | B2MB-CT03 CC3 | | Bacteriolo | Bacteriology | | |
| 2 | B2MB-CT04 | CC4 | Microbial | Microbial Physiology and Metabolism | | |
| | | | | Introduction and Scope of Microbiology | | |
| | | | | Biomathematics and Biostatistics | | |
| | | | | Microbial Metabolism | | |
| | B2MB-GET02 | | | Industrial and Food Microbiology | | |
| 3 | | GE2 | Chose | Microbes in Environment | | |
| 5 | | Any One Med Imm Gen Biod Mic | Any One | Medical Microbiology and Immunology | 4 | |
| | | | Genetic Engineering and Biotechnology | | | |
| | | | | Microbial Genetics and Molecular Biology | 7 | |
| 4 | B2MB-AEC02 | AECC2 | Chose | English | | |
| 25 | DZIMD-ALCOZ | ALCCZ | Any One | Environmental Science | 2 | |
| 5 | B2MB-CP03 | CC3-PR | Core Practical-3 | | 2 | |
| 6 | B2MB-CP04 | CC4-PR | Core Practical-4 | | 2 | |
| 7 | B2MB-GEP02 | GE2-PR | General El | 2 | | |
| Γotal | | | | | 20 | |

Note:

CC - Core Course

GE-General Elective

AECC- Ability Enhancement Compulsory Course

PR-Practical

Students will opt any Ability Enhancement Compulsory Course (AECC) out of 2given options

Students will opt any one General Elective (GE) out of Bgiven options

B.Sc. (Hons.) Microbiology III Semester Session 2021-22 onwards

The examination shall consist of -

- · Three core papers and three core practical
- One general elective paper and one general elective paper practical

| Sr. No. | Paper Code | CC/DSE/ SEC | | Title | | |
|------------|------------|----------------|------------------|--|-----|--|
| 1 | B3MB-CT05 | CC5 | Virology | | 4 | |
| 2 | B3MB-CT06 | CC6 | Instrumer | ntation and Biotechniques | 4 | |
| 3 | B3MB-CT07 | CC7 | Molecular | AND AND A SECOND CONTRACTOR OF THE PROPERTY OF | 4 | |
| | | | | Introduction and Scope of Microbiology | | |
| | | | | Biomathematics and Biostatistics | 1 | |
| | | | | Microbial Metabolism | 1 | |
| | | | | Industrial and Food Microbiology | 1 | |
| 4 | B3MB-GET03 | GE3 | Chose | Microbes in Environment | 1 | |
| 11 | B3MB-GE103 | GES | Any One | Medical Microbiology and | 4 | |
| | | | | Immunology | | |
| | | | | Genetic Engineering and | | |
| | | | | Biotechnology | | |
| | | | | Microbial Genetics and Molecular | 1 | |
| | | | | Biology | | |
| | | | | Microbial Quality Control in Food | | |
| | | | | and Pharmaceutical Industries | | |
| | | | | Microbial Diagnosis in Health Clinics | 1 | |
| | | | Chose | Biofertilizers and Biopesticides | 1 | |
| 5 | B3MB-SEC01 | SEC1 | Any One | Food Fermentation Techniques | 2 | |
| | | | Any One | Management of Human Microbial | 1 - | |
| | | | | Diseases | | |
| | | | | Microbiological Analysis of Air and | | |
| _ | | | | Water | | |
| 6 | B3MB-CP05 | CC5-PR | Core Practical-5 | | 2 | |
| 7 | B3MB-CP06 | CC6-PR | Core Pract | ical-6 | 2 | |
| 8 | B3MB-CP07 | CC7-PR | Core Pract | ical-7 | 2 | |
| 9 | B3MB-GEP03 | GE3-PR | General Ele | ective Practical-3 | 2 | |
| | | | Total | 1 0/ | 26 | |

Note:

CC - Core Course

GE-General Elective

SEC- Skill Enhancement Course

PR- Practical

Students will opt any one General Elective (GE) out of 8given options

Students will opt any one Skill Enhancement Course (SEC) out of6 given options

B.Sc. (Hons.) Microbiology IV Semester Session 2021-22 onwards

The examination shall consist of -

- · Three core papers and three core practical
- One general elective paper and one general elective paper practical
- · One skill enhancement course paper

| Sr. No. | Paper Code | CC/DSE/ SEC | | Title | |
|------------|------------|-------------|------------------|--|----|
| 1 | B4MB-CT08 | CC8 | Microbial Ge | Microbial Genetics | |
| 2 | B4MB-CT09 | CC9 | Environmen | tal Microbiology | 4 |
| 3 | B4MB-CT10 | CC10 | Food and Da | iry Microbiology | 4 |
| | | | | Introduction and Scope of Microbiology | |
| | | | | Biomathematics and Biostatistics | |
| | | | | Microbial Metabolism | |
| | | | Chass Asse | Industrial and Food Microbiology | |
| 4 | B4MB-GET04 | GE4 | Chose Any | Microbes in Environment | 4 |
| | | | One | Medical Microbiology and Immunology | |
| | | | | Genetic Engineering and Biotechnology | |
| | | | | Microbial Genetics and Molecular Biology | |
| | B4MB-SEC02 | | Chose Any One | Microbial Quality Control in Food and Pharmaceutical Industries | |
| | | | | Microbial Diagnosis in Health Clinics | |
| | | | | Biofertilizers and Biopesticides | |
| 5 | | SEC2 | | Food Fermentation Techniques | 2 |
| | | | | Management of Human Microbial Diseases | |
| | | | | Microbiological Analysis of Air and Water | |
| 6 | B4MB-CP08 | CC8-PR | Core Practica | 11-8 | 2 |
| 7 | B4MB-CP09 | CC8-PR | Core Practica | al-9 | 2 |
| 8 | B4MB-CP10 | CC10-PR | Core Practica | al-10 | 2 |
| 9 | B4MB-GEP04 | GE4-PR | General Elect | tive Practical-4 | 2 |
| | | | Total | 1 | 26 |

Note:

CC - Core Course

GE-General Elective

SEC- Skill Enhancement Course

PR-Practical

Students will opt any one General Elective (GE) out of 8given options

Students will opt any one Skill Enhancement Course (SEC) out of 6given options

B.Sc. (Hons.) Microbiology V Semester Session 2021-22 onwards

The examination shall consist of -

- · Two core papers and two core practical
- Two discipline specific elective papers and two discipline specific elective paper practical

| Sr. No. | Paper Code | CC/DSE/ SEC | | Title | |
|------------|------------|----------------|---|--|----|
| 1 | B5MB-CT11 | CC11 | Industria | Industrial Microbiology | |
| 2 | B5MB-CT12 | CC12 | Immunol | ogy | 4 |
| | | | | Bioinformatics | |
| 4 | B5MB-DET01 | DSE1 | | Microbial Biotechnology | |
| | D3MB-DE101 | DSEI | | Advances in Microbiology | 4 |
| | | | Chose | Plant Pathology | |
| | | | 100000000000000000000000000000000000000 | Inheritance Biology | |
| _ | B5MB-DET02 | | Any Two | Microbes in Sustainable Agriculture and Development | |
| 5 | | DSE2 | | Biosafety and Intellectual Property Rights | 4 |
| | | | | Project Work | 1 |
| 6 | B5MB-CP11 | CC11-PR | Core Prac | tical-11 | 2 |
| 7 | B5MB-CP12 | CC12-PR | Core Practical-12 | | 2 |
| 8 | B5MB-DEP01 | DSE1-PR | DSE Practical-1 | | 2 |
| 9 | B5MB-DEP02 | DSE2-PR | DSE Practical-2 | | 2 |
| Total | | | | | 24 |

Note:

CC - Core Course

DSE- Discipline Specific Elective

PR- Practical

Students will opt any two Discipline Specific Elective (DSE) out of 8 given options

B.Sc. (Hons.) Microbiology VI Semester Session 2021-22 onwards

The examination shall consist of -

- Two core papers and two core practical
- Two discipline specific elective papers and two discipline specific elective paper practical

| Sr. No. | Paper Code | CC/DSE/ SEC | | Title | | |
|------------|------------|----------------|-----------------|--|----|--|
| 1 | B6MB-CT13 | CC13 | Medical N | Medical Microbiology | | |
| 2 | B6MB-CT14 | CC14 | Recombin | nant DNA Technology | 4 | |
| | | | | Bioinformatics | 1 | |
| 4 | B6MB-DET03 | DSE3 | | Microbial Biotechnology | 7 | |
| 3.50 | DOMB-DE103 | DSES | | Advances in Microbiology | 4 | |
| | | | Chose | Plant Pathology | 1 | |
| | B6MB-DET04 | | Any | Inheritance Biology | | |
| 5 | | DSE4 | Two | Microbes in Sustainable Agriculture and Development | 4 | |
| | | DSE4 | | Biosafety and Intellectual Property Rights | | |
| | | | | Project Work | | |
| 6 | B6MB-CP13 | CC13-PR | Core Prac | tical-13 | 2 | |
| 7 | B6MB-CP14 | CC14-PR | Core Prac | Core Practical-14 | | |
| 8 | B6MB-DEP03 | DSE3-PR | DSE Practical-3 | | 2 | |
| 9 | B6MB-DEP04 | DSE4-PR | DSE Practical-4 | | 2 | |
| | | | Total | | 24 | |

Note:

CC - Core Course

DSE- Discipline Specific Elective

PR- Practical

Students will opt any two Discipline Specific Elective (DSE) out of 8 given options