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# मध्यप्रदेश राजपत्र

## प्राधिकार से प्रकाशित

क्रमांक 10]

भोपाल, शुक्रवार, दिनांक 4 मार्च 2016—फाल्गुन 14, शक 1937

## भाग ४

### विषय-सूची

- |                            |                               |                                  |
|----------------------------|-------------------------------|----------------------------------|
| (क) (1) मध्यप्रदेश विधेयक, | (2) प्रवर समिति के प्रतिवेदन, | (3) संसद में पुरःस्थापित विधेयक. |
| (ख) (1) अध्यादेश,          | (2) मध्यप्रदेश अधिनियम,       | (3) संसद् के अधिनियम.            |
| (ग) (1) प्रारूप नियम,      | (2) अन्तिम नियम.              |                                  |

### भाग ४ (क)—कुछ नहीं

### भाग ४ (ख)

### अध्यादेश

### उच्च शिक्षा विभाग

मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 23 फरवरी 2016

क्र. आर-10-सीसी-2016-अड़तीस.—मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 के अनुक्रम में रामकृष्ण धर्मार्थ फाउण्डेशन निजी विश्वविद्यालय, भोपाल के संशोधित अध्यादेश क्र. 02, 05, 20 तथा 31 एवं पश्चात्पूर्ती अध्यादेश क्र. 49 से 64 राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के संशोधित अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे तथा संस्था के समस्त पश्चात्पूर्ती अध्यादेश संबंधित अधिकृत निकाय के अनुमोदन के पश्चात् विश्वविद्यालय द्वारा प्रारंभ किये जा सकेंगे.

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,

ए. एस. यादव, उपसचिव.

**THE RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY****SANSODHAN ORDINANCE 2015****SHORT TITLE AND COMMENCEMENT**

1. This ordinance may be called the Ram Krishna Dharmarth Foundation University Sanshodhan 2015
2. It shall come into force on the date of its publication in the official Gazette
3. **Amendment in Ordinance No. 2 of RKDF University**

In Ordinance No. 2 Admission of student subclause (i) of clause (2) shall be substituted and read as:-

Provided that the reservation of seats and relaxation in percentage of minimum of marks wherever prescribed in respect of students belonging to scheduled castes and scheduled tribe OBC, Physically Handicapped, Sons/Daughter/Grand-sons/Grand-Daughters of freedom fighters as decided by State Government/Central Govt./ Regulatory bodies from time to time

4. **Amendment in Ordinance No. 5 of RKDF University**

(i) In Ordinance No. 5 Conduct of Examination Clause 14 of Part -1 General, shall be Substituted and read as:-

Except as otherwise decided by the Board of Management, the examination answer books and the documents regarding the marks obtained by the examinees except the tabulated results, shall be destroyed or otherwise disposed off after three months from the date of declaration of the results or one month from the date declaration of revaluation result

(ii) In Ordinance No. 5 for Conduct of Examination of Clause 6 of Part – II "Semester System of Examination for 3 Years Graduate Courses" shall be substituted and read as:-

Supplementary Examination / Second Examination can be conducted after the approval of Vice Chancellor

- (iii) In Ordinance No. 5 for Conduct of Examination of Clause 7 of Part – II “Semester System of Examination for 3 Years Graduate Courses” shall be substituted and read as:-

“Student having valid Enrollment number of university, shall be allowed to appear in semester Examination of First year. If a Candidate does not appeared in any examination of 1<sup>st</sup> Year , he/ she shall not be permitted to appear in 2<sup>nd</sup> Year Examination. Candidates failed in 1<sup>st</sup> semester Examination or had not appeared in 1<sup>st</sup> semester Examination, shall be provisionally promoted to the 2<sup>nd</sup> semester and Candidate will be allowed to appear in the 1<sup>st</sup> semester Examination as EX student in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 5<sup>th</sup> semester Examination only when he/she clears all the subjects of 1<sup>st</sup> Year. and candidates fails to do so he shall be offered year back. Such candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she is not allowed keeping the term as a regular student.”

Maximum duration to complete the Non-Technical degree is 5 Years

- (iv) In Ordinance No. 5 for Conduct of Examination of Clause 14 of Part – III “Semester System of Examination for Post Graduate Courses” the words “Three years” to the words “Four Years”

- (v) In Ordinance No. 5 for Conduct of Examination of Clause 2.1 (a), (b) of Part – IV “Exam Regulations for Engineering/ Technology Courses” shall be substituted and read as:-

“Student have valid Enrollment number of university, he/she shall be allowed to appear in semester Examination of First year.

If a Candidate does not appeared in any examination of 1<sup>st</sup> Year , he/ she shall not be permitted to appear in 2<sup>nd</sup> Year Examination, shall be provisionally promoted to the 2<sup>nd</sup> semester. Candidate will be allowed to appear and to appear in the 1<sup>st</sup> semester Examination as EX status in next successive examination of a semester, along with the regular semester examination.

(vi) In the Ordinance No. 5 Conduct of Examination of Clause 2.5 of Exam Regulation for Engineering Technology Courses shall be substituted and read as:-

Candidate will be permitted to appear in 3<sup>rd</sup> Year (or 5<sup>th</sup> semester) only when he/she clears all the subjects of 1<sup>st</sup> Semester (Candidate must passed the 1st year Examination with minimum of CGPA of 5.0). However failing in 1<sup>st</sup> Year; such candidates will be offered year back. Such candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she is not allowed keeping the term as a regular student.

Candidate will permit to appear in 4<sup>th</sup> year (or 7<sup>th</sup> semester) only when he/she clears all the subjects upto 2<sup>nd</sup> Year (Candidate must passed the 1<sup>st</sup> year and 2<sup>nd</sup> year Examination with minimum of CGPA of 5.0). However failing in 2<sup>nd</sup> Year; such candidates will be offered year back. Candidates he/she may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed for keeping the term as a regular student.

Maximum duration to complete the Graduate (Engineering / Technology/ Pharmacy) degree is 8 Years.

**BE (Lateral)**

**(For 3<sup>rd</sup> Semester admitted student)**

Student having valid Enrollment number of university will be allowed for appearing in semester Examination of First year. If a Candidate has not appeared in 2<sup>nd</sup> Year, he/she not permitted to appear in 3<sup>rd</sup> year.

If a candidate fails in 3<sup>rd</sup> semester Examination or not appeared in 3<sup>rd</sup> semester Examination, such candidates will be provisionally promoted to the next semester. Candidate will be allowed to appear in all the subjects in next successive examination of a semester, along with the regular semester examination.

Candidate will be permitted to appear in 7<sup>th</sup> semester only when he/she clears all the subjects of 2<sup>nd</sup> Year (Candidate must passed the 2<sup>nd</sup> year Examination with minimum of CGPA of 5.0). However, candidates who have not cleared all the subjects of 2<sup>nd</sup> Year, Such candidate will be offered year back. Candidates may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed keeping the term as a regular student.

Maximum duration to complete the Graduate (Engineering/ Pharmacy) degree in case of Lateral entry is 6 Years

#### Post Graduate (Engineering/ Technology/ Pharmacy)

Students who have valid Enrollment number of university, he/she will be allowed for appearing in semester Examination of First year. If a Candidate not appeared in 1<sup>st</sup> Year, he/ she not permitted to appear in 2<sup>nd</sup> year examination.

Candidates failing in 1<sup>st</sup> semester Examination or not appeared in 1<sup>st</sup> semester Examination, Such candidate shall be provisionally promoted to the 2<sup>nd</sup> semester. Candidate will be allowed to appear and appear the 1<sup>st</sup> semester Examination as EX status in next successive examination of a semester, along with the regular semester examination. However failure in more than total six subjects of 1<sup>st</sup> Year examinations shall debar him/her from promotion to appear as a regular student of subsequent semester examination and he/she will be offered year back. Such candidates may be allowed to appear as a backlog student in the successive semester examination, but he/she not allowed to keep the term as a regular student.

Candidate will be permitted to appear in 4<sup>th</sup> semester only when he/she clear all subject upto 3<sup>rd</sup> Semester.

Maximum duration to Post Graduate (Engineering/ Technology/ Pharmacy) degree is 4 Years

#### Diploma Engineering

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

If Candidate not appeared in 1<sup>st</sup> Year, he/she are not permitted to appear in 2<sup>nd</sup> year. Candidates fail in 1<sup>st</sup> semester Examination or not appeared in 1<sup>st</sup> semester Examination, candidate shall be promoted to the 2<sup>nd</sup> semester. Candidate will be allowed to appear and pass the 1<sup>st</sup> semester Examination as EX status in next successive examination of a semester, along with the regular semester examination.

Candidate will permit to appear in 3<sup>rd</sup> Year ( or 5<sup>th</sup> semester) only when he/she clears all the subjects of 1<sup>st</sup> Year. Those candidates who have not clear all the subjects of 1<sup>st</sup> Year; such candidates will be offer year back Candidates he/she may be allowed to appear as a backlog (EX) student in the successive semester examination, but he/she not allowed keeping the term as a regular student.

Maximum duration to Diploma Engineering is 6 Years.

#### Diploma pharmacy

Student have valid Enrollment number of university, he/she allowed appearing in semester Examination of First year.

All candidates who have appeared for the examination of Part-I Class in all the subject shall promoted to next year examination i.e. Part-II Class. However if any candidates fails in any of subject of Part-I D. Pharm examination, such candidates given a chance to appear in the supplementary examination of Part-I D Pharm and after supplementary examination if any candidate fails not more than two subject than such candidate will be promoted to Part-II Class examination otherwise such candidate shall be debar from the promotion to Part-II Class examination and such candidate have to reappear in Part-I Class examination

again as regular student. Such candidates who have failing in passing the Part-I/II exam in four attempts shall not be allowed to continue the course.

Maximum duration of course: The candidate shall be required to complete his course maximum with in 4 academic years.”

**5. Amendment in Ordinance No. 20 of RKDF University**

In Clause (i) of Ordinance No. 20 for the words “One academic year” The words “Two Academic Years” consisting of four Semester shall be substituted and read as:-

The duration of Degree of Bachelor of Education of the University shall spread over two academic year consisting of 4 Semester

**6. Amendment in Ordinance No. 31 of RKDF University**

In Ordinance No. 31 Clause 1 “Eligibility for Admission” the subclause (i) of Ordinance 31 Clause 1 shall be substituted and read as:-

Candidates seeking admission to the M.Ed. programme should have obtained at least 50% marks or an equivalent grade in B.Ed./ B.A.B.Ed./ B.Sc.B.Ed./ B.El.Ed / D.El.Ed with an undergraduate degree

**7. Amendment in Ordinance No. 31 of RKDF University**

In Ordinance No. 31 for Master of Education (M.Ed.) of Clause 2 “Duration of Course” shall be substituted and read as:-

The duration of Master of Education regular courses shall be of 2 academic year, spread in 4 Semester

**ORDINANCE NO. 49****Ordinance for 3 Years Diploma Programme****1.0 THREE YEARS DIPLOMA PROGRAMMES**

Hereafter referred as Diploma in disciplines of Engineering/Technology or Vocational/ Occupational based course of three-year (six-semester) duration, herein after called as 3-YDP, shall be designated as DIPLOMA in respective Branch.

- 1.1 This Diploma course shall include the branches of Applied Videography, Architecture, Cement Technology, Computer Science and Engineering, Costume Design and Dress making, Electronics (Y-Scheme), Electronics & Telecommunication Engineering , Food Technology, Garment Technology, Instrumentation Engineering , Interior Decoration and Design, Information Technology, Metallurgy, Mining and Mine Surveying, Modern Office Management, Opto-Electronics, Production Engineering , Textile Design, Automobile Engineering, Chemical Engineering, Civil Engineering, Construction Technology and Management, Electrical Engineerin, Mechanical Engineering, Refinery and Petro chemical, Plastic Technology, Printing Technology, Refrigeration and Air Conditioning Engineering, Textile Technology, Ophthalmic Technology, Architectural Assistantship, Architecture and Interior Design, Electronics and Instrumentation, Film Technology and TV Production, Computer hardware and maintenance, Electrical and Electronics Engineering.
- 1.2 The studies and examinations of these Diploma programmes shall be on the basis of semester system for 3 academic years spread over six semesters.



## 2.0 Rules for Admissions

- 2.1 Minimum Qualification and conditions for admissions will be as per AICTE norms.
- 2.2 For admission to the first semester of the Diploma programme, the minimum qualification shall be the passing of 10<sup>th</sup> std/SSC examination scheme conducted by M.P. Board of Secondary Education or an equivalent examination from a recognized Board/University
- 2.3 For admission to the third semester of the Diploma programme (3rd Semester / 2<sup>nd</sup> Year by Lateral Entry) the minimum qualification shall be: Passed higher secondary (10+2) Science with vocational/Technical subjects

OR

Passed 10<sup>th</sup> std/SSC examination scheme conducted by M.P. Board of Secondary Education or an equivalent examination from a recognized Board/University and passed 2 years duration ITI with appropriate specialization.

- 2.4 Lateral Entry Seats are available to second year diploma courses of appropriate program, up to maximum of 20% of sanctioned intake and vacant/ fallout seats of first year intake
- 2.5 The reservation of seats for SC, ST, OBC and Physically handicapped shall be as per rules of State Govt./Central Govt./ Regulatory bodies.

## 3.0 EXAMINATIONS

- 3.1 There shall be University Examination at the end of each semester
- 3.2 Diploma In Engineering of 3 years course shall be as per the schemes approve by the Board of Studies of the University as per guidelines of Regulatory bodies i.e. AICTE

- 3.3 The regular examinations of First semester (I), Third semester (III) and Fifth semester (V) called odd semesters, shall generally be held in the months of November-December. Similarly the regular examinations of Second semester (II) Fourth semester (IV) and Sixth semester (VI) called even semesters, shall generally be held in the months of May- June, the dates of which shall be notified to all the concerned Colleges/Institutions.
- 3.4 Examination Rules shall be as per ordinance No. 5 of RKDF University.
- 3.5 There shall be normally 90 days of teaching in every semester
- 3.6 For a student, maximum duration completion of total course will be eight years.

#### 4.0 RULES FOR ATTENDANCE

- 4.1 Minimum attendance required will be 75% in each semester for appearing in regular exam, provided that a short fall in attendance up to 10% and a further 5% can be condoned by the Principal of the college and Vice-Chancellor of the University respectively for satisfactory and Genuine reasons.

#### 5.0 Fees

As decided by University & after the approval of M.P. Private University Regulatory Commission

#### 6.0 MEDIUM OF INSTRUCTION

- 6.1 The medium of instruction and examination shall be English and Hindi.

#### 7.0 No. of seats in each branch shall be such as approved by Regulatory body i.e. AICTE

- 8.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining; if necessary, the opinion / advise of a Committee constituted for the purpose. The decision of the Vice-Chancellor shall be final.

## Ordinance No. 50

## Ordinance for 4 Year degree Course –B.Sc Agriculture

1.0 The duration of course is 4 Years, spread to 8 Semester. The Maximum duration shall be 6 Years

## 1.0 Admission

## 1.1 Eligibility Criteria

A candidate shall be eligible for admission to B.Sc. (Ag.), if he/she has passed 10+2/Intermediate examination in agriculture or in Science (with Physics, Chemistry and Mathematics/Biology) or any other equivalent examination recognized by the University securing at least 45% marks in aggregate. For Scheduled Caste/Scheduled Tribe OBC/Physical handicapped the relaxation in eligibility marks shall be as per rules of State/Central Govt. and Regulatory Body

## 1.2 Admission under this Course will be made as follows:

- The University will issue admission notification in news papers, on the University's website, notice Board of the University and in Print/Electronic media before the start of every cycle.
- List of candidates provisionally selected for admission/ shortlisted based on merit will be displayed on the notice Board of the University/ University's website/or the student will also be informed' directly of their admission after the last date of application.
- The candidates whose results of the qualifying exam are awaited can also apply who will be admitted provisionally. Such candidates however must produce the previous year mark sheet/school/college certificates as a proof of required eligibility criteria. The candidates so admitted shall have to be present mark sheet of the qualifying examination within a month of the due date of admission otherwise the provisional admission granted to him will be cancelled.
- The reservation of SC, ST, OBC and Physically handicapped shall be as per rules of state/Central Govt. and Regulatory Body.

d) The application form may be rejected due to any of the following Reasons:-

- The candidates does not fulfill the eligibility conditions

- The prescribed fees is not enclosed
- The application form is not signed by the candidate and his/her parent guardian, wherever required
- Supporting documents for admission are not enclosed.

(e) Enrollment/ Registration number will be assigned to the student by the University after verification & submission of all the necessary document /fees.

1.3 Fees for the Course shall be as per decision of Board of Management of University and after the approval of M.P. Private University Regulatory Commission

1.4 The number of seats shall be 75 in each batch & maximum three batch can be taken.

## 2.0 Medium of Instruction

Medium of Instruction shall be English & Hindi

## 3.0 Semester wise distribution of Courses for B.Sc. (Ag) degree programme

### SEMESTER WISE COURSE DISTRIBUTION FOR B.Sc. (Ag.) DEGREE PROGRAMME

#### 1<sup>st</sup> Year

<u>1<sup>st</sup> Semester</u>	<u>Credit</u>
1. Principles of Agronomy and Agricultural Meteorology	3(2+1)
2. Principles of Genetics	3(2+1)
3. Introduction of Soil Science	3(2+1)
4. Fundamentals of Soil and Water Conservation Engineering	3(2+1)
5. Plant Pathogens and Principles of Plant Pathology	4(3+1)
6. Production technology of fruit crops	3(2+1)
7. Introductory Agriculture (Ancient Heritage, Agriculture Scenario and Gender Equity in Agriculture)	1(1+0)
8. NSS / NCC / Physical Education	1(0+1)
<b>TOTAL</b>	<b>21(14+7)</b>
<u>II<sup>nd</sup> Semester</u>	<u>Credit</u>

1. Introductory Nematology	2(1+1)
2. Water Management including micro irrigation	3(2+1)
3. Principles of Agricultural Economics	2(2+0)
4. Dimensions of Agricultural Extension	2(1+1)
5. Agricultural Microbiology	3(2+1)
6. Introduction to Computer Application	2(1+1)
7. Soil Chemistry, Soil Fertility and Nutrient Management	3(2+1)
8. Principles of Plant Breeding	3(2+1)
9. Protected Cultivation and Post Harvest Technology	2(1+1)
<b>TOTAL</b>	<b>22(14+8)</b>

**SEMESTER WISE COURSE DISTRIBUTION FOR  
B.Sc. (Ag.) DEGREE PROGRAMME**

**II<sup>nd</sup> Year**

<b>III<sup>rd</sup> Semester</b>	<b>Credit</b>
1. Practical Crop Production I (Cereals, Pulses and Fodder Crops)	1(0+1)
2. Insect Morphology and Systematics	3(2+1)
3. Agricultural Finance and Cooperation	2(1+1)
4. Farm Power and Machinery	2(1+1)
5. Production Technology of Vegetables and Flowers	3(2+1)
6. Livestock Production and Management	3(2+1)
7. Organic Farming	3(2+1)
8. Crop Physiology	3(2+1)
9. Breeding of Field/Horticultural Crops	3(2+1)
<b>TOTAL</b>	<b>23(14+9)</b>

<b>IV<sup>th</sup> Semester</b>	<b>Credit</b>
1. Practical Crop Production II (Oil seeds and commercial crops)	1(0+1)
2. Manures, Fertilizers and Agrochemicals	3(2+1)
3. Insect Ecology & Integrated Pest Management including beneficial insects	3(2+1)
4. Agricultural Marketing, Trade and Prices	2(1+1)
5. Diseases of Field Crops and their Management	3(2+1)
6. Production Technology of Spices, Aromatics, Medicinal and	3(2+1)

Plantation crops	2(1+1)
7. Statistics	3(2+1)
8. Principles of Seed Technology	3(2+1)
<b>TOTAL</b>	<b>20(12+8)</b>

**SEMESTER WISE COURSE DISTRIBUTION FOR  
B.Sc. (Ag.) DEGREE PROGRAMME**

**III<sup>rd</sup> Year**

V <sup>th</sup> Semester	Credit
1. Farming Systems and Sustainable Agriculture	2(1+1)
2. Principles of Plant Biotechnology	3(2+1)
3. Crop Pests and Stored grain pests and their management	3(2+1)
4. Fundamentals of Agri Business Management (Including product development, Appraisal and Monitoring)	2(1+1)
5. Field Crops-I (Kharif)	3(2+1)
6. Fundamentals of Rural Sociology and Educational Psychology	2(2+0)
7. Post harvest management and value addition of fruits and vegetables	2(1+1)
8. Disease of Horticultural Crops and their management	3(2+1)
<b>TOTAL</b>	<b>20(13+7)</b>

VI Semester	Credit
1. Production Economics and Farm Management	2(1+1)
2. Extension Methodologies for Transfer of Agricultural Technology	2(1+1)
3. Biochemistry	3(2+1)
4. Entrepreneurship Development and Communication Skills	2(1+1)
5. Field Crop - II (Rabi)	3(2+1)
6. Comprehension and Communication Skills in English	2(1+1)
7. Environmental Science	2(1+1)
8. Weed Management	2(1+1)
9. Renewable Energy	2(1+1)
<b>TOTAL</b>	<b>20(11+9)</b>

**SEMESTER WISE COURSE DISTRIBUTION FOR  
B.Sc. (Ag.) DEGREE PROGRAMME**

**IV<sup>th</sup> Year**

<b>VII<sup>th</sup> Semester</b>	<b>Credit</b>
Rural Agricultural Work Experience (RAWE)	
Crop Production	5
Crop Protection	4
Rural Economics	3
Extension Programme	4
Research Station / KVK / DAATT Center activities and attachment to the Agro-based industries	4
<b>TOTAL</b>	<b>20(0+20)</b>
<hr/>	
<b>VIII Semester</b>	<b>Credit</b>
Courses for Experiential Learning	20
<b>TOTAL</b>	<b>20</b>

**5.0 MERIT LISTS**

5.1 Merit list of first 10 candidates in the order of merit shall be declared by the University at the end of sixth semester on the basis of the integrated performance of all the semesters, securing at least first division and passing all semester examinations in single attempt.

**6.0 ATTENDANCE**

As per approved Ordinance of University

**7.0 MEDIUM OF INSTRUCTION AND EXAMINATION**

7.1 The medium of instruction and examination shall be English and Hindi throughout the course of study.

8.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining; if necessary, the opinion I advise of a Committee consisting of any or all the Directors of the Schools. The decision of the Vice-Chancellor shall be final

**Ordinance No. 51****Ordinance for 4 Year degree Course –B. Tech Agriculture (Engineering)**

1.0 The duration of course is 4 Years, spread to 8 Semester. The Maximum duration shall be 6 Years.

**2.0 Admission****2.1 Eligibility Criteria**

XII Std. Passed in 10+2 pattern Board of Higher Secondary Education or an equivalent examination With Physics, Chemistry, Mathematics & English

**2.2 Admission under this Course will be made as follows:**

- The University will issue admission notification in news papers, on the University's website, notice Board of the University and in order publicity media before the start of every cycle.
- List of candidates provisionally selected for admission/ shortlisted based on merit will be displayed on the notice Board of the University! University's website/or the student will also be informed' directly of their admission after the last date of application.
- The candidates whose results of the qualifying exam are awaited can also apply who will be admitted provisionally. Such candidates however must produce the previous year mark sheet/school/college certificates as a proof of required eligibility criteria. The candidates so admitted shall have to be present mark sheet of the qualifying examination within a month of the due date of admission the provisional admission granted to him will be cancelled.
- The reservation of seats for SC/ST/OBC/Physically handicapped shall be as per rules of State/ Central Govt. and Regulatory Body.

d) The application form may be rejected due to any of the following Reasons:-

- The candidates does not fulfill the eligibility conditions
- The prescribed fees is not enclosed
- The application form is not signed by the candidate and his/her parent guardian, wherever required



- Supporting documents for admission are not enclosed.

(f) Enrollment/ Registration number will be assigned to the student by the University after verification & submission of all the necessary document /fees.

2.3 Fees for the Course shall be as per decision of Board of Management of University and after the approval of M.P. Private University Regulatory Commission

2.4 The number of seats shall be 60 in one batch & Maximum 2 Batch

### 3.0 Medium of Instruction

Medium of Instruction shall be English & Hindi

### 4.0 Semester wise distribution of Courses for B. Tech (Agriculture Engineering)

#### Semester Wise Courses for B.Tech. (Agricultural Engineering)

S.No.	Name of the Course	Credits	Page No.
<b>SEMESTER – I</b> (First Year, 1 <sup>st</sup> Semester)			1
1.	Engineering Mathematics-I	3(3+0)	1
2.	Engineering Physics	3(2+1)	2
3.	Engineering Chemistry	3(2+1)	3
4.	Workshop Practice	1(0+1)	4
5.	Surveying and Leveling	3(1+2)	4
6.	Engineering Drawing	2(0+2)	5
7.	Environmental Science	3(3+0)	5
8.	Electrical Circuit	3(2+1)	6
<b>SEMESTER – II</b> (First Year, II <sup>nd</sup> Semester)			7
1.	Engineering Mathematics–II	3(3+0)	7
2.	Computers Programming and Data Structures	3(1+2)	8
3.	Applied Electronics and Instrumentation	3(2+1)	8
4.	Agriculture for Engineers	4(3+1)	9
5.	Workshop Technology	3(2+1)	11
6.	Thermodynamics & Heat Engines	4(3+1)	12

7.	Field operation and Maintenance of Tractors and Farm Machinery-I	1(0+1)	13
8.	Engineering Mechanics	3(2+1)	13

S.No.	Name of the Course	Credits	Page No.
<b>SEMESTER – III (Second Year, 1<sup>st</sup> Semester)</b>			15
1.	Engg. Properties of Biological Materials and Food Quality	3(2+1)	15
2.	Soil Mechanics	3(2+1)	16
3.	Soil & Water Conservation Engg	3(2+1)	17
4.	Farm Machinery and Equipment-I	3(2+1)	18
5.	Farm Power	3(2+1)	19
6.	Watershed Hydrology	3(2+1)	20
7.	Engineering Mathematics-III	3(3+0)	21
8.	Agribusiness Management and Trade	3(3+0)	22
<b>SEMESTER – IV (Second Year, II<sup>nd</sup> Semester)</b>			23
1.	Farm Machinery and Equipment-II	3(2+1)	23
2.	Renewable Energy Sources	3(2+1)	24
3.	Irrigation Engineering	4(3+1)	25
4.	Crop Process Engineering	3(2+1)	26
5.	Fluid Mechanics	3(2+1)	27
6.	Theory of Machines	3(2+1)	28
7.	Heat and Mass Transfer	2(2+0)	29
8.	Field Operation and Maintenance of Tractors and Farm Machinery-II	2(1+1)	30
	Summer Field Training	NC	
<b>SEMESTER – V (Third Year, 1<sup>st</sup> Semester)</b>			32
1.	Machine Drawing and Computer Graphics	3(1+2)	32
2.	Machine Design	3(2+1)	33
3.	Dairy & Food Engg	3(2+1)	34

S.No.	Name of the Course	Credits	Page No.
4.	Tractor Systems and Controls	3(2+1)	35
5.	Electrical M/C's and Power Utilization	3(2+1)	36
6.	Database Management & Internet Applications	2(0+2)	37
7.	Strength of Material	3(2+1)	37
8.	Ground Water, Wells and Pumps	3(2+1)	38
<b>SEMESTER – VI (Third Year, II<sup>nd</sup> Semester)</b>			40
1.	Drying & Storage Engineering	4(3+1)	40
2.	Refrigeration & Air conditioning	3(2+1)	41
3.	Drainage Engineering	2(1+1)	42
4.	Soil and Water Conservation Structures	3(2+1)	43
5.	Agricultural Structure and Environmental Control	3(2+1)	44
6.	Design of Structure	3(2+1)	45
7.	Entrepreneurship Development and Communication Skills	3(2+1)	46
	Summer Field Training	NC	
<b>SEMESTER – VII (Fourth Year, I<sup>st</sup> Semester)</b>			48
	Project	6	48
	Seminar	1	48
	Student will have to take minimum of 15 credits courses from the following		
1.	Food Packaging Technology	3	48
2.	Design & Maintenance of Green House	3	49
3.	Waste and By-product Utilization	2	50

S.No.	Name of the Course	Credits	Page No.
4.	Development of Processed Products & Equipments	3	51
5.	Food Processing Plant Design & Layout	2	52
6.	Micro Irrigation Systems Design	3	52
7.	Watershed Planning and Management	3	54
8.	Minor Irrigation & Command Area Development	3	55

9.	Environmental Engg.	3	56
10.	Gulley & Ravine Control Structures	3	56
11.	Remote Sensing & GIS Applications	3	57
12.	Reservoir & Farm Pond Design	3	58
13.	Tractor Design & Testing	3	59
14.	Hydraulic Drive & Controls	3	60
15.	Farm Power & Machinery Management	3	61
16.	Renewable Energy Technology	3	62
17.	Human Engg. & Safety	2	62
18.	Biomass Management for Fodder & Energy	2	63
19.	Production Technology of Agril. Machinery	3	64
20.	Mechanics of Tillage and Traction	3	65
21.	System Engineering	3	66
<b>SEMESTER – VIII</b>			
<b>(Fourth Year, II<sup>nd</sup> Semester)</b>			
	Student will undertake in-plant-training of 25 credit hours which will include practical training at the Institution, training in one (4 months) / two (2 months each) Industrial Units and Educational tour.	25(0+25)	

### 5.0 MERIT LISTS

Merit list of first 10 candidates in the order of merit shall be declared by the University at the end of sixth semester on the basis of the integrated performance- of all the semesters, securing at least first division and passing all semester examinations in single attempt.

### 6.0 ATTENDANCE

As per Ordinance 11 clause 6

### 7.0 MEDIUM OF INSTRUCTION AND EXAMINATION

The medium of instruction and examination shall be English and Hindi throughout the course of study.

8.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining; if necessary, the opinion I advise of a Committee consisting of any or all the Directors of the Schools. The decision of the • Vice-Chancellor shall be final

**Ordinance No. 52****Ordinance for B.Ed., M.Ed. Three Year Integrated Degree Programme****1.0 Preamble**

The Integrated B.Ed.-M.Ed. Programme is a three-year full-time professional programme in education, without any option of intermediate exit before completing the 3 years of study as per rules/ Norms and standards of NCTE.

**2.0 Duration and Working Days****2.1 Duration**

The Integrated B.Ed.-M.Ed. programme shall be of a duration of three academic years. Students shall be permitted to complete the programme requirements of the three-year programme within a maximum period of four years from the date of admission to the programme.

**2.2 Working Days**

There shall be at least two hundred fifteen (215) working days each year exclusive of the period of admission and inclusive of classroom transaction, practicum, field study/internship and conduct of examination. In addition, the summer vacation shall be utilised for internship/practicum/taught components. The institution shall work for a minimum of thirty six hours in a week (five or six days as the case may be), during which faculty and students concerned with the conduct of the programme shall be available for the requirements of the programme, including interaction with and for mentoring students.

**3.0 Intake, Eligibility, Admission Procedure and Fees****3.1 Intake**

The basic unit size for the programme shall be 50 as per guidelines of NCTE.

**3.2 Eligibility**

Candidates seeking admission to the Integrated B.Ed.-M.Ed. programme should have a Postgraduate degree in Sciences/Social Sciences/Humanities from a recognized University institution with a minimum 55% marks or equivalent grade.

**3.3 Admission Procedure**

Admission shall be made on merit on the basis of marks obtained in the qualifying examination. Reservation and relaxation for SC/ST/OBC/PWD and other applicable categories shall be as per the rules of the State Government.

### 3.4 Fees

As decided by Board of Management of University & after its approval by M.P. Private University Regulatory Commission

## 4.0 Curriculum, Programme Implementation and Assessment

### 4.1 Curriculum

The curriculum of the B.Ed.-M.Ed. integrated programme shall comprise of Core and Specialisation Components. The Core shall have the following four components: i) Perspective Courses; ii) Research, Tools and Self-Development Component including dissertation, taught courses and workshops; iii) Teacher Education Component including taught courses and internship/attachment with teacher education institutions; v) School-related field experiences. The Specialisation component shall have 2 levels where students choose to specialise in: a) one of the school levels/areas (elementary, or secondary including senior secondary) and content-cum- pedagogy in school subject areas, which will comprise the core within the specialisation, and, b) within the school level chosen, the students select one domain/theme based area for specialisation (such as Education administration and management, Education policy, Inclusive Education, Curriculum, pedagogy and assessment, Educational technology, Foundations of Education, Higher Education, Early Childhood Education, etc.). The programme shall begin with courses, workshops and field experiences that are contextualised in school teaching, and gradually advance the level of study to teacher education level. Close mentorship by faculty in relevant areas shall be provided for in the programme in the form of tutorials, guided reading groups, field attachment, and supervised research project leading to dissertation.

#### (a) Theory Courses

*Perspective; Research, Tools and Self-Development, Teacher Education and Specialisation Courses*

*Perspective Courses* shall be in the areas of: Philosophy of Education; Sociology-History-Political Economy of Education; Psychology of Education; Education Studies; and Curriculum and Pedagogic Studies. The courses in foundational disciplines shall have two levels (basic and advanced). Critical reflection on gender, childhood, disability, and marginalisation, in relation to education, shall cut-across the core with a possibility of offering courses focussing on these. The

courses across the programme shall enable the prospective professionals to work towards inclusive classroom environments and education. *Research, Tools and Self-Development Component* shall comprise of workshops and courses in basic and advance level education research methods, research project leading to a dissertation, academic/professional writing, communication skills, observing children, language and teaching-learning, theatre in education, educational technology (including ICT), and the like. There shall be provisions for Self-development of the students (for example through workshops with focus on physical and mental well-being through modalities such as meditation, Yoga) and for critical engagement with gender and education, inclusive education and on areas of similar significance. Skills pertaining to ICT and educational technology shall be integrated in various courses in the programme.

*Teacher Education* courses, which are also linked with the internship/attachment in teacher education institution(s)) shall also be included.

The Specialisation component shall offer a possibility to specialise in one of the school stages (elementary or, secondary including senior secondary, etc.). These shall include courses in content-cum-pedagogy of school subjects. Other courses within the school stage specialisations shall cover selected thematic areas pertinent to that stage such as: Curriculum, pedagogy and assessment; Policy, economics and planning; Inclusive Education and Education for differently abled; etc. In addition, the programme shall offer baskets of elective courses enabling specializations in selected themes or domains with advance courses in Education administration and management; Education policy and planning; Inclusive Education; Curriculum, pedagogy and assessment; Educational technology; Foundations of Education; and the like. There shall be flexibility to allow students to choose foundation courses while specialising in one area.

**(b) Practicum**

Organisation of workshops, practicum activities, projects and seminars that enhance professional skills and understanding of the students shall be part of the teaching modality of the various taught courses. Hands-on experiences shall be organised at relevant places during transaction of the curriculum.

**(c) Internship and Attachment**

At least an equivalent of about 30 weeks of six days each of the three-year programme shall be devoted to field-based activities. The programme shall have the following kinds of systematically planned field-based activities and internships/attachments: 1. School based attachment as per the school-level specialization which shall include school and classroom observations, classroom teaching practice, and focussed assignments/projects (16 weeks); 2. Working with community, 3. Working in an in-service teacher education context as per the school-level specialization and in a pre-service teacher preparation context as per the school-level specialization (4 weeks); 4. Exposure to a curriculum and/or textbook agency, policy making body, state education department etc. relevant to understanding educational practice at sites other than schools; and 5. Working in a field situation related to the thematic or focus area of specialization (4 weeks). These experiences shall be supplemented with opportunities for reflection, action research and writing.

**5.0 Attendance:-**

The Minimum attendance of students shall be 80% for Theory Courses and Practicum and 90% for field attachment

**6.0 Medium of Institute**

The medium of Instruction shall be English & Hindi both

**7.0 Examination & Declaration of Result**

As per decided by Academic Council of University

7.1 Successfully candidate shall be placed in a division on the basis of total marks obtained in the First, Second and Third Year of the Examination taken in accordance with the following scale. (No division shall be awarded in First and Second Year)

- 50% or above but less than 60% marks = Second Division
- 60% or above Marks = First Division
- A successfully candidate who has secured 75% or more marks in the aggregate in both theory and practicals may be declared to have earned distinction

7.2 The University shall as soon as possible, after the Examination is over but not later than 60<sup>th</sup> day from the date when the written Examination was over, will publish the results of the Examination.

8.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor with the approval M.P. Private University Regulatory Commission may take a decision



**Ordinance No. 53****Ordinance for Diploma in Elementary Teacher Education Programme Leading to Diploma in Elementary Education (D.El.Ed)****1.0 Preamble**

- The Diploma in Elementary Education (D.El.Ed.) is a two year professional programme of teacher education. As per NCTE Regulation formally know as D.Ed.

**2.0 Duration and Working Days**

- **Duration**

The D.El.Ed. programme shall be of a duration of two academic years. However, the students shall be permitted to complete the programme within a maximum period of three years from the date of admission to the programme.

- **Working Days**

- (a) There shall be at least two hundred (200) working days each year exclusive of the period of examination and admission.

**3.0 Intake, Eligibility, Admission Procedure and Fees**

- **intake**

The Basic unit shall be of 50 students and more units can be established as per approval of Academic Council of University

- **Eligibility**

- (a) Candidates with at least 50% marks in the Higher Secondary (+2) or its equivalent examination are eligible for admission.
- (b) The reservation and relaxation in marks for SC/ST/OBC/PWD and other categories shall be as per the rules of the State Government.

- **Admission procedure**

Admission shall be made on merit on the basis of marks obtained in the qualifying examination or any other selection process as decided by the Academic Council of University

- **Fees**

As decided by University & after the approval of M.P. Private University Regulatory Commission

#### **4.0 Curriculum**

- **Curriculum**

The D.El.Ed. Programme is to be designed to integrate the study of childhood, social context of education, subject knowledge, pedagogical knowledge, aims of education, and communication skills. The programme shall comprise of compulsory and optional theory courses; compulsory practicum courses; and comprehensive school internship. The theory and practicum courses shall be assigned a weightage in the proportion determined by the affiliating body. It shall be in broad alignment with the National Curriculum Framework for Teacher Education, while contextualizing it for the state or region concerned. ICT, gender, yoga education, and disability/inclusive education shall form integral part of the D.El.Ed. curriculum.

##### **(a) Theory Courses**

The theory courses shall comprise courses on perspectives in education, curriculum and pedagogic courses, and there shall also be optional courses in pedagogy. The theory courses shall include Foundations/Perspectives of Education in three broad rubrics, namely, Child Studies, Contemporary Studies, and Educational Studies. The theory courses shall also include language proficiency and communication, relevant field-based units of study including assignments and projects. The curriculum and pedagogy courses shall include courses in pedagogy for primary and upper primary curriculum areas.

Pedagogy courses in language, mathematics and environmental studies for the primary stage shall be compulsory; optional pedagogy courses in Social Science Education, Language Education, Mathematics Education, and Science Education shall be offered for teaching at the upper primary stage.

(b) Practicum

Field Engagement courses shall be designed to give opportunities to acquire a repertoire of professional skills and capacities in craft, fine arts, work and education, creative drama and theatre in education, self-development, children's physical and emotional health, school health and education.

(c) School Internship

The D.El.Ed. programme shall provide for sustained engagement with learners and the school, thereby creating a synergy with schools in the neighborhood throughout the two years. Students shall be equipped to cater to needs of diverse learners in schools. The programme shall include visits to innovative centres of pedagogy and learning, innovative schools, educational resource centres, teaching-learning centres. School Internship would include stipulations in the RTE on the duties of the teacher and community engagement. The School Internship programme shall have the following components:

A minimum of 20 weeks of internship in school during the course of which 4 weeks would be dedicated to classroom observation etc, during the first year; second year of school internship will be for minimum period of 16 weeks in the elementary classes including primary and upper primary

- (d) The institution shall have easy access to sufficient number of recognized elementary schools for field work and practice teaching related activities of student teachers. It is desirable that it has an attached primary/elementary school of its own. The institution shall furnish undertaking from the schools willing to provide facilities for practice teaching.

**5.0 Attendance:-**

The minimum attendance of student teachers shall be 80% for all course work including practicum and 90% for school internship as per NCTE norms.

#### 6.0 Medium of Institute

The medium of Instruction shall be English & Hindi both

#### 7.0 Examination & Declaration of Result

As per decided by Academic Council of University

- There shall be no decision assigned to the Part –I ( First Year) Examination
- Successfully candidates of D.El.Ed. Part –II (Second Year) shall be placed in the division in accordance with the following scale on the basis of aggregate marks obtained in all the subject in Part –I and Part-II taken together:-
  - i. 50% or above but less than 60% marks = Second Division
  - ii. 60% or above Marks = First Division
  - iii. Candidate who has scored 75% or more marks in the aggregate in both theory and practicals may be declared to have earned distinction

8.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining; if necessary, the permission/approval of M.P. Private University Regulatory Commission. The decision of the Vice-Chancellor and M.P. Private University Regulatory Commission shall be final

**Ordinance No. 54****Ordinance for Bachelor of Engineering (Part Time)****1.0 Four Years Bachelor of Engineering (Part Time) Programme**

Hereafter referred as Bachelor of Engineering/ Technology (Part Time) of four-year (eight-semester) duration, herein after called 4-YDP(PT), shall be designated as Bachelor of Engineering (Part Time) in respective Branch.

1.1 This Bachelor of Engineering (Part Time) shall include the branches of Cement Technology, Computer Science and Engineering, Electronics & Telecommunication Engineering, Food Technology, Instrumentation Engineering, Information Technology, Metallurgy, Mining and Mine Surveying, Opto-Electronics, Production Engineering, Textile Design, Automobile Engineering, Chemical Engineering, Civil Engineering, Construction Technology and Management, Electrical Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Refinery and Petro Chemical, Plastic Technology, Printing Technology, Refrigeration and Air Conditioning Engineering, Textile Technology, Ophthalmic Technology, Electronics and Instrumentation, Film Technology and TV Production, Computer hardware and maintenance.

1.2 The studies and examinations of these Bachelor of Engineering (Part Time) programmes shall be on the basis of semester system for 4 academic years spread over eight semesters.

**2.0 RULES FOR ADMISSIONS**

2.1 Admission procedure as per ordinance No. 2 of RKDF University.

2.2 Minimum Qualification and conditions for admissions will be as per AICTE norms.

2.3 For admission to the first semester of the Bachelor of Engineering (Part Time) programme, the minimum qualification shall be the passing of Diploma examination in the relevant branch of engineering conducted by the Board of Technical Education,

M.P. or by any Board recognized as equivalent to the Diploma of the Board of Technical examination, M.P. State with not less than 50% marks in aggregate.

- 2.4 Have an experience of working in the relevant profession for a minimum period of one year after passing the qualifying examination. However, a candidate passing the Four Years Diploma Course in Engineering/ Technology with industrial training in Sandwich pattern shall be exempted from the requirement of working experience.

Provided further that for want of sufficient number of applicants with professional experience of one year after passing the qualifying examination, if any seats remain vacant, fresh diploma holders otherwise eligible may be admitted and vacancies can be filled in by abiding the relevant rules.

- 2.5 Relaxation in Qualifying marks shall be for SC/ST/OBC and candidates as per rules of State Govt./ Central Govt. and regulatory bodies

### 3.0 Examination

- 3.1 There shall be Four years semester pattern examinations, held by the University leading to the degree of Bachelor of Engineering (Part Time) in respective branch of Engineering, in the Faculty of Engineering & Technology. All the examinations shall be on the semester pattern basis. There shall be one regular examination at the end of each semester conducted by this University, whereby, in each academic year, there shall be two "Semester Examinations". Thus, from First year B.E. and onwards up to fourth (final) year B.E., (Part-Time) there shall be Eight Semesters i.e. I, II, III, IV, V, VI, VII, and VIII, each followed by a University examination

- 3.2 Bachelor of Engineering (Part Time) of 4 years course shall be as per the schemes and syllabus approved by the Board of Studies of the University

- 3.3 The medium of Instruction & Examination shall be English and Hindi.

- 3.4 Examination Rules shall be as per ordinance No. 5 of RKDF University.

- 3.5 For a student, maximum duration completion of total course will be eight years.

### 4.0 RULES FOR ATTENDANCE

Minimum attendance required will be 75% in each semester for appearing in regular exam, provided that a short fall in attendance up to 10% and a further 5% can be condoned by the Principal of the college and Vice- Chancellor of the University respectively for satisfactory and Genuine reasons.

#### 5.0 Fees

As decided by University & after the approval of M.P. Private University Regulatory Commission

### 6.0 MEDIUM OF INSTRUCTION

The medium of instruction and examination shall be English and Hindi.

- 7.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining; if necessary, the opinion / advise of a Committee constituted for the purpose. The decision of the Vice-Chancellor shall be final.

**Ordinance No. 55****Ordinance for Bachelor in Social Work (BSW)****1.0 Preamble**

This degree programme consists of theory and practice components, through a combination of lectures, field work and research project.

The BSW programme is designed to equip the students with sound theoretical and practical knowledge about social work, social welfare and development concerns of the poor, and enable the students to develop skills and insights into working with people at the individual, group and community levels.

**2.0 Duration of Course**

The Duration of Course shall be 3 Years spread in 6 Semester

**3.0 Eligibility**

The minimum qualification for admission to BSW programme is H.S. ( 10+2), from a recognized Board securing minimum 45% marks in aggregate Relaxation to SC, ST & OBC candidates as per Govt. rules . Preference shall be given to Govt. sponsored candidates

**4.0 Intake**

The intake shall be 60

**5.0 Fees Structure**

As decided by the University with the approval of M.P. Private University Regulatory Commission

**6.0 Syllabus**

The syllabus for Bachelor in Social work shall be as under:-

**Syllabus of Bachelor in Social Work****Courses of 1<sup>st</sup> Semester**

- English
- Introduction to social work and development of Leadership Quality
- Introduction to field work practices In social work including awareness about existing Law.

- Rural Development issues & problems
  - Sociology for social workers including Elementary Knowledge documentation & its related knowledge
  - Skill Development in Communication & Development skill of rural people
- Course of IInd Semester**
- Population Education
  - Introduction to local self Government
  - Indian Social problems and Community development
  - Social case work study
  - Field work
- Course of IIIrd Semester**
- Rural Technology
  - Economy and co-operation of rural population
  - Legislation in India
  - Social group work and imparting elementary Education in Computer
  - Introduction to social work research
  - Panchayati Raj and rural development
- Course of IVth Semester**
- Introduction to tribal life in India with special reference of M.P. Tribal
  - Social work with community
  - Fields of social work
  - Social reform movement in India and M.P. State in particular
  - Nutrition & Health care basic needs with special attention in woman & child
  - Field work
- Course of Vth Semester**
- English
  - Child development protection & education
  - Woman welfare, Development and empowerment
  - Formation of NGO & its Management
  - Social welfare Agencies and impact of Environmental Education in Soeinet



- Field work

#### Course of VIth Semester

- Social action – Method of social work
- Social policies in India
- Community health and personal hygiene
- Knowledge of Microfinance, Microcredits and how to develop an Industrialist
- Counseling in social work
- Field work
- Research dissertation
- Viva-Voce (Internal and External)

#### 7.0 Promotion to Next Year & Failed Candidate

As per University Ordinance No. 5

#### 8.0 Allocation of Division

As per Ordinance No. 5

#### 9.0 Merit List

As per Ordinance No. 5

#### 10.0 General

In matters of admission, attendance, examination and in all other matters not provided in this Ordinance, the course shall be governed by the provision of the relevant ordinance of the same in the University so far as they are not inconsistent with the provision of this ordinance.

11.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining, if necessary, the opinion / advice of a Committee consisting of any or all the Directors of the Schools. The decision of the Vice-Chancellor shall be final.

Established under M.P. Act No. 17 of 2007

## **ORDINANCE NO.56**

### **BACHELOR OF SCIENCE IN NURSING**

#### **BASIC B. SC ( NURSING) 4 YEARS DEGREE COURSE**

#### **AIMS & OBJECTIVES**

##### **1.1 AIMS**

The aims of the undergraduate nursing program are to:

- 1.1.1 Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative, and rehabilitative services.
- 1.1.2 Prepare nurses, who can make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community-nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, and manager in a clinical / public health setting.

##### **1.2 OBJECTIVES**

On completion of the four year B. Sc Nursing program the graduate will be able to:

- 1.2.1 Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.
- 1.2.2 Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
- 1.2.3 Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
- 1.2.4 Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- 1.2.5 Utilize the latest trends and technology in providing health care.
- 1.2.6 Provide promotive preventive and restorative health services in line with the national health policies and programmes.

- 1.2.7 Practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
- 1.2.8 Communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and teamwork.
- 1.2.9 Demonstrate skills in teaching to individuals and groups in clinical/community health settings.
- 1.2.10 Participate effectively as members of the health team in health care delivery system.
- 1.2.11 Demonstrate leadership and managerial skills in clinical /community health settings.
- 1.2.12 Conduct need based research studies in various settings utilize the research findings to improve the quality of care.
- 1.2.13 Demonstrate awareness, interest, and contribute towards advancement of self and of the profession.

## 2.0 COURSE STRUCTURE

The degree in Nursing of four years course shall be designated as Basic Bachelor of Science in nursing in short Basic B.Sc. (Nursing).

- 2.1 The duration of Basic B.Sc. (N) course shall extend over a period of four years consisting named below:
  - i. Basic B.Sc. (N) First Year
  - ii. Basic B.Sc. (N) Second Year
  - iii. Basic B.Sc. (N) Third year
  - iv. Basic B.Sc. (N) Fourth Year including internship.

## 3.0 ACADEMIC QUALIFICATION FOR ADMISSION

- 3.1 The minimum educational requirement shall be the passing of: Higher Secondary School Certificate Examination (10 + 2)

OR

Senior School Certificate Examination (10+2), Pre degree Examination (10+2)

OR

An equivalent with 12 years schooling from a recognized Board or University with Science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks (PCBE).

## 4.0 CRITERIA FOR SELECTION

**No. of Seats for Basic B.Sc. (Nursing) shall be such as approved by Nursing Council of India**

- 4.1 The candidate who fulfill the aforesaid academic qualification for admission

- 4.2 The minimum age shall be 17 years completed on or before Dec 31<sup>st</sup> of the year of admission.
- 4.3 The admission in Basic B.Sc. (N) 1<sup>st</sup> year shall be based on the merit in the common entrance test or qualifying examination.
- 4.4 Candidate shall be medically fit.

#### 5.0 COURSE DURATION

- 5.1 The duration of Basic B.Sc. (Nursing) course shall be four years including internship.
- 5.2 The duration of each academic year of Basic B.Sc. (Nursing) I, II, III, IV years shall be not less than 10 month.
- 5.3 The maximum period to complete the course successfully should not exceed 8 years from the date of admission.

#### 6.0 COURSE COMMENCEMENT

- 6.1 The commencement Basic B.Sc. (N) 1<sup>st</sup> year shall start during the period of July/August of every year.
- 6.2 Vacation shall be granted maximum eight weeks duration between 2 academic years.
- 6.3 The subject to be studied in different academic year of Basic B.Sc. (N) shall be as per scheme given as in subsequent sequence.

#### 7.0 EXAMINATION

- 7.1 The medium of instruction and examination shall be English through out the course of the study.

#### 7.2 SCHEME OF EXAMINATION

##### Basic B.Sc. (N) First Year

Subject			Assessment		
Paper No.	Theory	Hours	Internal	External	Total
1.	Anatomy & Physiology	3	25	75	100
2.	Nutrition & Biochemistry	3	25	75	100
3.	Nursing Foundations	3	25	75	100
4.	Psychology	3	25	75	100
5.	Microbiology	3	25	75	100
6.	English	3	25	75	100
7.	Introduction to Computers		25	75	100
<b>Practical No.</b>	<b>Practical and Viva Voce</b>				
1.	Nursing Foundations		100	100	200

Basic B.Sc. (N) Second Year

Subject		Assessment			
Paper No.	Theory	Hours	Internal	External	Total
8.	Sociology	3	25	75	100
9.	Medical Surgical Nursing (Adult including geriatrics)-I	3	25	75	100
10.	Pharmacology, Pathology & Genetics	3	25	75	100
11.	Community Health Nursing -I	3	25	75	100
12.	Communication and Educational Technology	3	25	75	100
<b>Practical No.</b>	<b>Practical and Viva Voce</b>				
2.	Medical -Surgical Nursing (Adult including geriatrics)-I		100	100	200

Basic B.Sc. (N) Third Year

Subject		Assessment			
Paper No.	Theory	Hours	Internal	External	Total
13.	Medical Surgical Nursing (Adult including geriatrics) -II	3	25	75	100
14.	Child Health Nursing	3	25	75	100
15.	Mental Health Nursing	3	25	75	100
<b>Practical No.</b>	<b>Practical and Viva Voce</b>				
3.	Medical -Surgical Nursing (Adult including geriatrics) - II		50	50	100
4.	Child Health Nursing		50	50	100
5.	Mental Health Nursing		50	50	100

**Basic B.Sc. (N) Fourth Year**

Subject		Assessment			
Paper No.	Theory	Hours	Internal	External	Total
16.	Midwifery and Obstetrical Nursing	3	25	75	100
17.	Community Health Nursing - II	3	25	75	100
18.	Nursing Research & Statistics	3	25	75	100
19.	Management and Nursing Services and Education	3	25	75	100
<b>Practical No.</b>	<b>Practical and Viva Voce</b>				
6.	Midwifery and Obstetrical Nursing		50	50	100
7.	Community Health Nursing		50	50	100

Note:- Research to be shifted to third year along with Practical Hrs. & Midwifery and OBG to be shifted to 4<sup>th</sup> year and 180 hrs of practical can be covered in internship .

**7.3 University Examination**

- 7.3.1 There shall be one Annual University Examination at the end of each academic year.
- 7.3.2 There shall be provision for supplementary examination.
- 7.3.3 The University examination for theory subject shall be out of 75 marks.
- 7.3.4 The University Examination marks for Nursing Foundation (Practical & viva voce Paper I) & Medical Surgical Nursing - I (Practical and viva voce paper II) shall be out of 100 marks.
- 7.3.5 The University Examination marks for Medical Surgical Nursing - II (Practical and viva voce paper III), Child Health Nursing (Practical and viva voce paper IV), Mental Health Nursing (Practical and viva voce paper V), Midwifery and Obstetrical Nursing (Practical and viva voce paper VI) and Community Health Nursing (practical and viva voce paper VII) shall be out of 50 Marks.
- 7.3.6 Anatomy and physiology - Question paper will consist of Section A Anatomy of 37 marks and Section B Physiology should be of 38 marks.

- 7.3.7 Nutrition and Biochemistry - Question paper will consist of Section A Nutrition of 45 marks and Section B of Biochemistry of 30 marks.
- 7.3.8 Pharmacology, Pathology and Genetics : Section A of Pharmacology with 38 marks, Section B of Pathology of 25 and Genetics with 12 marks.
- 7.3.9 Nursing Research & Statistics-Nursing Research Should be of 50 marks and Statistics of 25 marks.
- 7.3.10 Minimum pass marks shall be 40 % for English only.
- 7.3.11 Theory and Practical exams for Introduction to Computer will be conducted as College exam and marks to be sent to University for inclusion in the marks sheet.
- 7.3.12 Maximum number of candidate for practical examination should not exceed 20 per day.
- 7.3.13 All practical examinations must be held in the respective clinical areas.
- 7.3.14 Fourth year final examination to be held only after completion of internship.

#### **Internal Examination**

- 7.4.1 The assessment of academic growth of the student shall be done on the basis of three term examination and one Pre University examination for theory and practical subjects.
- 7.4.2 The internal assessment marks for the theory subjects shall be out of 25 marks.
- 7.4.3 The internal assessment marks for the practical subjects shall be awarded on the basis of evaluation of performance of the student in the specific area / field.
- 7.4.4 The internal assessment marks for Nursing Foundation (Practical & viva voce Paper I) & Medical Surgical Nursing - I (Practical and viva voce paper II) shall be out of 100 marks.
- 7.4.5 The internal assessment marks for Medical Surgical Nursing(Adult including geriatrics) - II (Practical and viva voce paper III), Child Health Nursing (Practical and viva voce paper IV), Mental Health Nursing (Practical and viva voce paper V), Midwifery and Obstetrical Nursing (Practical and viva voce paper VI) and Community Health Nursing (practical and viva voce paper VII) shall be out of 50 Marks.

#### **Supplementary Examination**

- 7.5.1 There will be only one mid-session Supplementary Examination held by the University ordinarily held in the month of September / October. However those who fail in supplementary exam they will appear in main exam.

- 7.5.2 The first year students will have to clear all first year subjects in a maximum limit of 4 attempts, after which they will not be allowed to continue their Basic B.Sc. (N) Course if, candidate fails in 4<sup>th</sup> attempt of 1<sup>st</sup> year
- 7.5.3 Non appearance at an examination on grounds of sickness or otherwise, will be treated as one of the four attempts allowed for 1<sup>st</sup> year subjects.
- 7.5.4 If a first year candidate fails in mid session supplementary papers, candidates will be given an opportunity to appear in the main examination of IInd year provisionally along with the backlog of last year subjects.
- 7.5.5 If a candidate fails in backlog subjects of the 1st year, the result of IInd year examination for which candidate will be provisionally admitted will be treated as cancelled. The candidate will have to repeat her backlog subjects of 1st year in next mid session supplementary examination
- 7.5.6 A candidate, who appears in IInd year main examination and fails in any of the subjects will be permitted to appear in mid session supplementary examination and there after provisionally along with failed IInd year subject, but if any candidates fails in IInd year subject the candidates IIIrd year result will be automatically cancelled. The same ruling will apply for the IVth year students also.
- 7.5.7 Only failed subjects, will have to be repeated in mid session supplementary or Supplementary examination with the main annual examination.
- 7.5.8 The marks obtained by the candidate in the subjects passed in Supplementary Examination or additional attempts shall be taken into account as pass in the examination.

#### CRITERIA FOR PASSING

- 8.1 A Candidate has to pass in theory and practical exam separately in each of the paper.
- 8.2 A Candidate failing in more than two subjects will not be promoted to the next academic year.
- 8.3 Minimum pass marks shall be 50% in each of the theory and practical papers separately.
- 8.4 Minimum pass marks shall be 45% for Introduction to Computer.
- 8.5 If a candidate fails in either theory or practical paper he/she has to re-appear for both the papers (Theory and Practical).
- 8.6 Maximum number of attempts permitted for each paper shall be three including first attempt.

#### DIVISION & MERIT

- 9.1 Distinction- 75% and above in any subject (First attempt only).
- 9.2 First Division - 60% and above in the aggregate of marks of all main subjects.



- 9.3 Second Division - Less than 60% in the aggregate of marks in all main subject.
- 9.4 Pass Class - Shall be awarded to the candidate passing with supplementary or more than one attempt.

#### 10.0 ATTENDANCE

- 10.1 A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory in each subject for appearing for examination.
- 10.2 A candidate must have 100% attendance in each of the practical area before award of degree.

#### 11.0 APPOINTMENT OF EXAMINERS / QUESTION PAPER SETTER

The appointment of examiner for the theory and practical examination shall be based on following rules

- 11.1 Question paper setter / moderator / head evaluator shall be Professor, Associate Professor or Lecturer with an experience of minimum 3 years teaching experience working in any nursing institute conducting nursing courses can be appointed.

#### 11.2 Practical examiner

11.2.1 One internal and one external examiner should jointly conduct practical examination for each student.

11.2.2 An examiner should be a lecturer or above in a college of nursing with M. Sc (N) in concerned subject and minimum of 3 years of teaching experience. To be an examiner for Nursing Foundations course faculty having M. Sc (N) with any speciality shall be considered.

#### 12.0 REVALUATION / RE-TOTALING

- 12.1 Revaluation and re-totaling of marks is permitted for theory papers only. The University, on receipt of application within the stipulated time and remittance of a prescribed fee, shall permit a recounting of marks and/or revaluation for the subject(s) applied.
- 12.2 The result after revaluation/re-totaling shall be declared as per prevailing revaluation/re-totaling rules and regulation of the RKDF University.

#### 13.0 CANCELLATION OF ADMISSION

The admission of a student at any stage of study shall be cancelled by the Vice Chancellor based on recommendation of Head of Institution, if;

- 13.1 Candidate is not found qualified as per INC/State Government norms and guidelines or the eligibility criteria prescribed by the University.

OR

- 13.2 Candidate is not able to complete the course within the stipulated time as prescribed in E&S

OR

- 13.3 Candidate is found involved in serious breach of discipline in the Institution or in the University campus.

#### 14.0 SCHEME OF STUDIES

The subject to study in different academic year of Basic B.Sc. (N) shall be as per the scheme given in subsequent sections.

##### 14.1 Annual schedule of studies

	Weeks available per year	= 52 weeks
i.	Vacation	= 8 weeks
ii.	Gazetted holidays	= 3 weeks
v.	Examination (Including preparatory)	= 4 weeks
v.	Available weeks	= 37 weeks
vi.	Hours per week	= 40 Hours
vii.	Practical	= 30 hours perwk (5x6 = 30)
viii.	Theory	= 10 hours perwk (2x5=10)
ix.	Internship	= 48 hours per wk (8x6 = 48)
x.	Hours available per academic year	= 1480

(37 wk x 40 hours) 14.2

##### Distribution of Hours FIRST YEAR

Subject	Theory (in hrs.) (Class and lab)	Practical (in hrs.) (Clinical)	(In hrs)
1. English	60		
2. Anatomy	60		
3. Physiology	60		
4. Nutrition	60		
5. Biochemistry	30		
6. Nursing Foundations	265+200	450	
7. Psychology	60		
8. Microbiology	60		
9. Introduction to Computer	45		
10. **Hindi / regional language	30		
11. Library work / Self Study			50
12. Co-curricular Activities			50
Total Hours	930	450	100
Total hours =1480 Hrs.			

(\*\* Optional)

## SECOND YEAR

Subject	Theory (in hrs.) (Class and lab)	Practical (in hrs.) (Clinical)	(In hrs)
1. Sociology	60		
2. Pharmacology	45		
3. Pathology	30		
4. Genetics	15		
5. Medical Surgical Nursing (Adult	210	720	
6. Community Health Nursing -I	90	135	
7. Communication and Educational	60+30		
8. Library work/ self Study			50
9. Co-curricular activities			35
- Total Hours	540	855	85
Total hours =1480 hrs.			

## THIRD YEAR

Subject	Theory (in hrs.)	Practical (in hrs.) (Clinical)	(In hrs)
1. Medical - Surgical Nursing (Adult)	120	270	
2. Child Health Nursing	90	270	
3. Mental Health Nursing	90	270	
4. Midwifery and Obstetrical Nursing	90	180	
5. Library work/ self Study			50
6. Co-curricular activities			50
Total Hours	390	990	100
Total hours =1480 hrs.			

## FOURTH YEAR

Subject	Theory (in hrs.) (Class and lab)	Practical (in hrs.) (Clinical)	(In hrs)
1. Midwifery and Obstetrical Nursing	-	180	
2. Community Health Nursing -II	90	135	
3. Nursing Research & Statistics	45	-	
4. Management of Nursing Services	60+30	-	
Total Hours	225	315	
Total hours =540 hrs.			

Note:- Project work to be carried out during internship.

**INTERNSHIP (INTEGRATED PRACTICE)**

Subject	Theory	Practical (In hrs.)	In weeks
1. Midwifery and Obstetrical Nursing		240	5
2. Community Health Nursing -II		195	4
3. Medical Surgical Nursing (Adult and Geriatric)		430	9
4. Child Health Nursing		145	3
5. Mental Health Nursing		95	2
6. Research Project		45	1
<b>Total Hours</b>		<b>1150</b>	<b>24</b>
<b>Total hours =1690 hrs.</b>			

**Note:**

1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
2. Internship should be carried out as 8 hours per day @ 48 hours per week.

**Students during internship will be supervised by nursing teacher**

Established under M.P. Act No. 17 of 2007

Ordinance No. 57

## BACHELOR OF DENTAL SURGERY (B.D.S.)

### AIMS

- 1.1 The dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and such attitudes which are required for carrying out all the activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues.
- 1.1.2 The graduate should also understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country.

### 1.2. GOALS OF EDUCATION AND TRAINING:

The Dental curriculum shall be oriented towards educating students of B.D.S. Course to:

- 1.2.1. Take up the responsibilities of dental surgeon of first contact and be capable of functioning independently in both urban and rural environment.
- 1.2.2. Provide educational experience that allows hands-on-experience both in hospital as well as in community setting.
- 1.2.3. Make maximum efforts to encourage integrated teaching and de-emphasize compartmentalisation of disciplines so as to achieve horizontal and vertical integration in different phases.
- 1.2.4. Offer educational experience that emphasizes health rather than only disease. Teach common problems of health and disease and to the national programmes.
- 1.2.5. Use learner oriented methods, which would encourage clarity of expression, independence of judgement, scientific habits, problem solving abilities, self initiated and self-directed learning.
- 1.2.6 Use of active methods of learning such as group discussions, seminars, role play, field visits, demonstrations, peer interactions etc., which would enable students to develop personality, communication skills and other qualities which are necessary may be done.

- 1.2.7 Regular periodic assessment be done throughout the course. Examinations be designed with a view to assess not merely the "knowledge" but also practical and clinical skills, habits and values which are necessary for a graduate to carry out professional day to day work competently.
- 1.2.8. Establish a Dental Education Unit for faculty development, preparation of learning resource materials and for improving evaluation methods.

### **OBJECTIVES:**

- 2.1 The objectives are dealt under three headings namely (a) knowledge and understanding (b) skills and (c) attitudes.
- 2.1.1 Knowledge and understanding: The graduate shall acquire the following during the period of training.
- 2A.2 Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and shall be able to evaluate and analyse scientifically various established facts and data.
- 2.1.3 Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general-state of health and also the bearing on physical and social well-being of the patient.
- 2.1.4 Adequate knowledge of clinical disciplines and methods, which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive, diagnostic and therapeutic aspects of dentistry. Adequate clinical experience required for general dental practice.
- 2.1.5 Adequate knowledge of biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health so far as it affects dentistry.

### **2.2 SKILLS :**

- 2.2.1 A graduate shall be able to demonstrate the following skills necessary for practice of dentistry.
- 2.2.2 Able to diagnose and manage various common dental problems encountered in general dental practice, keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible.
- 2.2.3 Acquire skill to prevent and manage complications if encountered while carrying out various dental surgical and other procedures.
- 2.2.4 Possess skill to carry out required investigative procedures and ability to interpret laboratory findings.

2.2.5 Promote oral health and help to prevent oral diseases wherever possible. '

2.2.6 Competent in control of pain and anxiety during dental treatment.

### 2.3 ATTITUDES:

2.3.1 A graduate shall develop during the training period the following attitudes. Willing to apply current knowledge of dentistry in the best interest of the patients and the community.

2.3.2 Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.

2.3.3 Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.

2.3.4 Willingness to participate in the continuing education programmes to update knowledge and professional skills from time to time.

2.3.5. To help and to participate in the implementation of national health programmes.

### COURSE STRUCTURE:

#### 3.1 INFRASTRUCTURE:

The Infrastructure like staff, equipment, Instruments, Material, Books and Journals, space and clinical material shall be as per the stipulations of Dental Council of India from time to time.

#### 3.2. AGE :

He/She shall complete the age of 17 years on or before 31st December, of the year of admission to the BDS course;

#### 3.3. ACADEMIC QUALIFICATION FOR ADMISSION :

3.3.1. He/She shall have passed qualifying examination as under :-

3.3.1.1 The higher secondary examination or the Indian School Certificate Examination which is equivalent to 10 + 2 Higher Secondary Examination after a period of 12 years study, the last, two years of study comprising of Physics, Chemistry, Biology and Mathematics or any other elective subjects with English at a level not less than the core course for English as prescribed by the National Council of Educational Research and Training after the introduction of the 10+2+3 years educational . structure as recommended by the National Committee on education;

**Note:** Where the course content is not as prescribed or 10+2 education structure of the National Committee, the candidates will have to undergo a "period of one year pre-professional training before admission to the dental colleges;

Or

3.3.1.2 The intermediate examination in science of an Indian University/ Board or other recognized examining body with Physics, Chemistry and Biology which shall include a practical test in these subjects and also English as a compulsory subjects.

Or

3.3.1.3 The pre-professional/ Pre-medical examination with Physics, Chemistry and Biology, after passing either the higher secondary school examination, or the pre-university or an equivalent examination. The pre-professional/ Pre-medical examination shall include a practical test in physics, Chemistry and Biology and also English as compulsory subjects;

Or

3.3.1.4 The first year of three year degree course of a recognized university, with physics, Chemistry and Biology including a practical test in three subjects provided the examination is a "University Examination" and candidate has passed 10+2 with English at a level not less than a core courses.

Or

3.3.1.5 B.Sc examination of an Indian University, provided that he/she has passed the B.Sc examination with not less than two of the following subjects Physics, Chemistry, Biology (Botany, Zoology) and further that he/she has passed the earlier qualifying examination with the following subjects-Physics, Chemistry, Biology and English.

Or

3.3.1.6 Any other examination which, in scope and standard is found to be equivalent to the intermediate sciences examination of an Indian University/ Board, taking Physics, Chemistry and Biology including practical test in each of these subjects and English.

#### ELIGIBILITY :

3.4.1 The candidate must have passed in the subject of Physics, Chemistry, Biology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry & Biology at the qualifying examination and in addition must have come in the merit list prepared as a result of such competitive entrance examination,



by securing not less than 50% marks in Physics, Chemistry & Biology taken together in the competitive examination, In respect of candidates belonging to scheduled castes, scheduled tribes of any other categories notified by the Government the marks obtained in Physics, Chemistry & Biology taken together in qualifying examination and competitive entrance examination be 40% instead of 50% as stated above.

- 3.4.2 Provided that a candidate who has appeared in the qualifying examination the result of which has not been declared, he may be provisionally permitted to take up the competitive entrance examination and in case of selection for admission to the BDS course, he shall not be admitted to that course until he fulfills the ability criteria as per above regulations.
- 3.4.3 Marks obtained in Mathematics are not to be considered of admission to BDS course.

#### **4.0 CRITERIA FOR SELECTION ;**

No. of Seats in BDS Course shall be such as approved by Govt. of India

- 4.1 The admission procedure as prescribed by Medical Education department, Government of M.P. and other Regulatory State & Central bodies for professional Course will be followed. Students for Bachelor of Dental Surgery (BDS) course shall be selected strictly on the basis of their academic MERIT as decided by Govt. of M.P. and related Regulatory body.

In case the merit list of competitive entrance examination is exhausted and seats are still available, the remaining vacant seats are shall be filled up on the basis of National/ State level/College level test as decided by the Regulatory.

#### **CANCELLATION OF ADMISSION & DISCHARGE FROM THE COURSE:**

Admission shall be cancelled and discharged from the course on the written orders of the Vice Chancellor if:

- 5.1 Any student who does not clear the first BDS University Examination in all subjects within 3 years from the date of admission.
- 5.2 Any students who was found to have obtained admission in fraudulent manner, if the documents furnished for gaining admission by any student are found to be forged/ false/ doctored at any stage of study.
- 5.3 If any student is found to be involved in serious breach of discipline.

#### **MIGRATION:**

- 6.1 Migration of the candidate from one Institute to other is not a RIGHT.
- 6.2 However Migration of student of BDS course under RKDF University to any other Recognised Institute in India or Students from any other Recognised Institute in India to RKDF University shall be governed by the Migration rules as laid down by Dental Council of India from time to time.

**DURATION OF THE COURSE:**

- 7.1 The undergraduate dental training programme leading to BDS degree shall be of 4 academic years with 240 teaching days in each academic year and 12 months of compulsory paid rotatory Internship training.
- 7.1.1 Candidate shall be permitted to undergo Twelve months of compulsory paid rotatory Internship training only after passing of all the subjects in final BDS course and it shall be done in a recognized Dental College/Institution as per the prescribed rules and regulations as laid down by the University from time to time.
- 7.2 During this period, the student shall be required to have engaged in full time study.

**Subjects of Study:****7.3 First Year**

- 7.3.1 General Human Anatomy including Embryology and Histology.
- 7.3.2 General Human physiology and Biochemistry, Nutrition and Dietics.
- 7.3.3 Dental Anatomy, Embryology and Oral Histology
- 7.3.4 Dental materials
- 7.3.5 Pre-Clinical prosthodontic and Crown and Bridge

**7.4 Second Year**

- 7.4.1 General Pathology and Microbiology
- 7.4.2 General and Dental Pharmacology and Therapeutics
- 7.4.3 Dental Materials
- 7.4.4 Pre clinical Conservative Dentistry
- 7.4.5 Pre clinical Prosthodontics and Crown & Bridge
- 7.4.6 Oral Pathology & Oral Microbiology

**7.5 Third Year**

- 7.5.1 General Medicine
- 7.5.2 General Surgery
- 7.5.3 Oral Pathology and Oral Microbiology
- 7.5.4 Conservative Dentistry and Endodontics
- 7.5.5 Oral & Maxillofacial Surgery

- 7.5.6 Oral Medicine and Radiology
- 7.5.7 Orthodontics & Dentofacial Orthopedics
- 7.5.8 Pediatric & Preventive Dentistry
- 7.5.9 Periodontology
- 7.5.10 Prosthodontics and Crown & Bridge
- 7.5.11 Public Health Dentistry
- 7.6 Fourth Year**
  - 7.6.1 Part-I First six months**
    - 7.6.1.1 Orthodontics & Dentofacial orthopedics
    - 7.6.1.2 Oral Medicine & Radiology
    - 7.6.1.3 Paediatric & Preventive Dentistry
    - 7.6.1.4 Periodontology
    - 7.6.1.5 Oral & Maxillofacial Surgery
    - 7.6.1.6 Prosthodontics and Crown & Bridge
    - 7.6.1.7 Conservative Dentistry and Endodontics
    - 7.6.1.8 Public Health Dentistry
  - 7.6.2 Part-II second six months**
    - 7.6.2.1 Oral & Maxillofacial Surgery
    - 7.6.2.2 Prosthodontics and Crown & Bridge
    - 7.6.2.3 Conservative Dentistry and Endodontics
    - 7.6.2.4 Paediatric & Preventive Dentistry

**COURSE COMMENCEMENT:**

- 8.1 The B.D.S. course shall commence with effect from 1<sup>st</sup> August of respective year or as per prevailing rules.
- 8.2 The last date up to which students can be admitted against vacancies arising due to any reason shall be 30<sup>th</sup> September of respective year or as per prevailing rules.

**EXAMINATIONS:**

- 9.1 Evaluation is a continuous process, which is based upon criteria developed by the concerned authorities with certain objectives to assess the performance of the learner. This also indirectly helps in the measurement of effectiveness and quality of the concerned B.D.S. programme.
- 9.2 Evaluation is achieved by two processes.

- 9.3 Formative or internal assessment: Formative evaluation is done through a series of tests and examinations conducted periodically by the institution.
- 9.4 Summative or university examinations: Summative evaluation is done by the university through examination conducted at the end of the specified course.

#### 10.0 METHODS OF EVALUATION:

Evaluation may be achieved by the following tested methods:

- 10.1 Written test
- 10.2 Practicals/ Clinical examination
- 10.3 Viva voce

#### 11.0 INTERNAL ASSESSMENT EXAMINATION:

- 11.1 Minimum of 3 periodical internal assessment examination shall be conducted in each subject. If the teaching of subject is spread over in two years, at least one examination shall be conducted in first year of teaching.
- 11.2 Average marks of three examinations shall be computed for the University examinations.
- 11.3 The Internal assessment examinations shall be conducted in proper manner on the dates announced in the examination schedule prepared at Institution level.
- 11.4 Repeater students shall appear again in at least one internal examination held during six months. Higher of either new marks or old marks may be considered for University examinations

#### 12.0 CRITERIA FOR A PASS:

- 12.1 To pass the examination in a subject a candidate shall secure a minimum of 50 % of the total marks in any subject computed as aggregate for (A) theory, i.e., written, viva voce and internal assessment and (B) Practicals /Clinicals including internal assessment, separately and 50 % in aggregate marks of A & B combined mentioned above.
- 12.2 In case of pre clinical Prosthetic Dentistry and Pre clinical conservative dentistry in II year BDS, where there is no written examination, minimum for pass is 50% of marks in Aggregate of Practical and Viva voce in University examination and Internal Assessment examination i.e. 50/100 marks.
- 12.3 CLASS DECLARATION IN THE RESULTS :
- 12.3.1 Class declaration is applicable to the candidates who are appearing for a whole (all the subjects) examination together in one and first attempt only.
- 12.3.1.1 Second Class: Total Aggregate marks above 50% and below 65% /

12.3.1.2 First class: Total Aggregate marks 65% and above and below 75%.

12.3.1.3 Distinction class: Total Aggregate marks 75 % and above.

12.3.2 Candidates as defined in ( 12.3.1 ) and who have passed the examination in any class and have secured marks of 75% & above in aggregate of individual subject/ subjects shall also be declared to have passed individual subject / subjects in DISTINCTION CLASS in the respective subject/subjects.

12.3.3 Candidates, appearing all the papers together or individual subjects in second and subsequent attempts shall be declared to have passed the examination in Pass class. There shall be no provision for declaration of Second, First and Distinction class, if even they secure requisite marks.

12.3.4 Grace Marks: Grace marks upto a maximum of 5 marks may be awarded to students who have failed only in one subject but passed in all other subjects. However the total marks obtained without grace marks shall not be altered.

#### 12.4 MERIT LIST IN THE UNIVERSITY:

12.4.1 University shall declare the list of students in Merit of maximum of 5% of regular candidates appearing in the examinations, among Constituent Institution/ Institutions

12.4.2 In each professional examination of regular batch.

12.4.3 Overall Merit in the University based on aggregate of marks of all the professional examinations together.

12.4.4 Student passing the examination with grace marks shall not be considered for award of merit.

#### 13.0 RE-TOTALING & RE-VALUATION:

13.1 Re-evaluation: The objective of re-evaluation is to ensure that the student receives a fair evaluation in the university examination and to minimize human error and extenuating circumstances. There shall be two mechanisms as prescribed by the RKDF University from time to time.

13.2 The facility of retotaling and revaluation shall be permissible only for written theory papers and not for Practical/ Clinical examinations.

13.3 The University on application and remittance of a stipulated fee as prescribed by the university, shall accord opportunity to recount the marks received for various questions in an answer paper/ papers for

theory of all subjects for which the candidate has applied for recounting. Error, if any in totalling of the marks shall be suitably rectified and results modified if necessary.

13.4 Re-valuation of theory papers in all years of study of the BDS course shall be permissible by the university on application and remittance of a prescribed fee. Such answer script shall be re-valuated by not less than two duly qualified examiners and the average of marks obtained in revaluation shall be awarded to the candidate and the result accordingly reconsidered.

#### 14.0 ATTENDANCE REQUIREMENT, PROGRESS AND CONDUCT:

- 14.1 Minimum of 75% in theory and 75% attendance in practical /Clinical separately in each subject.
- 14.2 In case of a subject in which there is no examination at the end of the academic year/semester, the percentage of attendance shall not be less than 70%. However, at the time of appearing for the professional examination in the subject, the aggregate percentage of attendance in the subject should satisfy condition (14.1) above.
- 14.3 Failed/Detained students who are repeating the study shall in the same class, a minimum of 6% attendance in Theory and Practicals/Clinics separately.
- 14.4 The HOD shall certify the progress and conduct of the candidates based on the periodical assessment and monitoring.

#### APPOINTMENT OF EXAMINERS :

##### 15.0 EXAMINERS FOR THE UNIVERSITY EXAMINATIONS:

Qualification and experience to be eligible for examinership for BDS examination.

- 15.1 There shall be two examiners. One internal from within the University and one external from outside the university.
- 15.2 Both the examiners shall be appointed by the University.
- 15.3 Shall possess M.D.S/MD/MS/Ph.D., Degree in the concerned specialty from a recognized Institution.
- 15.4 Shall possess a minimum of 4 years teaching experience in the specialty after PG qualification in the specialty in a Dental College / Medical College approved / recognized by the DCI/MCI.
- 15.5 In the Medical subjects, examiners shall be preferably from among the teachers teaching respective Medical subject/ subjects in any Dental College approved / recognized by the DCI.
- 15.6 Should be holding the post of a Reader or above in a Dental / Medical Institution approved / recognized by the DCI / MCI.
- 15.7 In case of Physiology and Biochemistry if Internal examiner is from Physiology, External examiner should be from Biochemistry or vice versa.

- 15.8 In case of Pathology and Microbiology if Internal examiner is from Pathology, External examiner should be from Microbiology or vice versa.
- 15.9 In case of Dental Materials, if internal is from Prosthodontics, external should be from Conservative Dentistry and vice versa.
- 15.10 Reciprocal arrangement of Examiners should be discouraged, in that, the Internal Examiner in a subject should not accept external examinership for a College from which External Examiner is appointed in his subject for the corresponding period.
- 15.11. No person shall be an Examiner to the same subject / Institution for more than 3 consecutive years. However, if there is a break of one year the person can be re-appointed. This provision may be relaxed with prior approval of Vice Chancellor.

#### **SCHEME OF EXAMINATIONS :**

##### **SCHEME OF UNIVERSITY EXAMINATIONS:**

- 16.1 The scheme of examination for B.D.S. Course shall be divided into 1st. B.D.S. professional examination at the end of the first academic year, 2nd B.D.S. professional examination at the end of second year, 3rd B.D.S. professional examination at the end of third, 4th BDS (Part -I) professional examination at the end of first term in final year and 4th B.D.S (Part-II) professional examination at the end of 4th year.
- 16.2 There shall be two examinations in each academic year (Regular & Supplementary)
- 16.3 The examination shall be open to a candidate who satisfies the requirements of attendance, progress and other rules as laid down by the University.
- 16.4 Any candidate who fails in one subject in an examination from 1st to 3<sup>rd</sup> BDS is permitted to go to the next higher class and appear for the subject in supplementary or subsequent examinations and complete it successfully before he is permitted to appear for the next higher examination.
- 16.4.1 The candidates failing in 2 or more subjects or not permitted to appear for any reason, shall repeat the study in the failed subjects.
- 16.4.2 Any candidate failing in any subject/subjects in part-I of final BDS shall be permitted to go to part-II and appear in Part-I and Part-II subjects together.

##### **SUBJECTS IN EACH PROFESSIONAL EXAMINATION:**

###### **16.5 I Year B.D.S.**

- 16.5.1 General Anatomy including embryology and histology
- 16.5.2 General human physiology and biochemistry
- 16.5.3 Dental Anatomy, Embryology and Oral Histology

**16.6 II Year B.D.S. Examination:**

A candidate who has not successfully completed the 1<sup>st</sup> B.D.S. examination cannot appear in the 2<sup>nd</sup> year B.D.S Examination.

16.6.1 General pathology and Microbiology

16.6.2 General and Dental pharmacology and therapeutics

16.6.3 Dental Materials

16.6.4 Pre-Clinical Conservative - Only Practical and Viva Voce

16.6.5 Pre-Clinical Prosthodontics - Only Practical and Viva Voce

**16.7 III Year B.D.S. Examination:**

A candidate who has not successfully completed the 2<sup>nd</sup> B.D.S. examination cannot appear the 3<sup>rd</sup> year B.D.S. Examination.

16.7.1 General Medicine

16.7.2 General Surgery

16.7.3 Oral Pathology-and Oral Microbiology

**16.8 IV Year B.D.S. ( Part-I )Examination at the end first term of final year:**

A candidate who has not successfully completed the 3<sup>rd</sup> B.D.S. examination cannot appearing the 4<sup>th</sup> year (Part-I) Examination.

16.8.1 Oral Medicine and radiology

16.8.2 Public Health Dentistry

16.8.3 Orthodontics & dentofacial orthopaedics

16.8.4 Periodontology

**16.9 IV Year BDS Part-II Examination at the end of final year:**

16.9.1 Prosthodontics and Crown & Bridge

16.9.2 Conservative Dentistry and Endodontics

16.9.3 Oral and Maxillofacial Surgery

16.9.4 Paediatric & Preventive Dentistry

**17.0 SCHEME OF WRITTEN EXAMINATION:**

17.1 The written examination in each subject shall consist of one paper of three hours duration and shall have maximum marks of 70. The paper shall contain Section A & B with 30 marks each and Section C with 10 marks.

17.2 In all the subjects Section C shall contain 20 Objective type questions carrying 1% mark each. Section C shall be printed as a separate paper and shall be supplied to students after 30 minutes of commencement time of theory examination. The students shall answer Section C immediately and the papers shall be collected back after 20 minutes.



- 17.3 In the subjects of Physiology & Biochemistry and Pathology & Microbiology each paper will be divided into two parts with Physiology in part A and Biochemistry in part B, similarly Pathology in part A and Microbiology in part B with 30 marks each. Section C1 and C2 shall contain 10 Objective type questions from respective subjects.
- 17.4 The nature of questions set, will be aimed to evaluate students of different standards ranging from average to excellent,
- 17.5 The questions should cover as broad an area of the content of the course. The essay questions should be properly structured and the marks specifically allotted.

#### 18.0 SCHEME OF PRACTICAL / CLINICAL EXAMINATION:

##### Objective Structured Clinical Evaluation:

- 18.1 The clinical and practical examination should provide a number of chances for the candidate to express one's skills. A number of examination stations with specific instructions to be provided. This can include clinical procedures, laboratory experiments, spotters etc. Evaluation must be made objective and structured. The method of objective structured clinical examinations should be followed. This will avoid examiner bias because both the examiner and the examinee are given specific instructions on what is to be observed at each station.

##### 18.2 Record & Log Books:

The candidate should be given credit for his/her records based on the scores obtained in the record. The marks shall form part of practical/clinical examination.

#### 19.0 VIVA VOCE:

Viva voce is an excellent mode of assessment because it permits a fairly broad coverage and it can assess the problem solving capacity of the student. An assessment related to the affective domain is also possible through viva voce. It is desirable to conduct the viva voce independently by each examiner. In order to avoid vagueness and to maintain uniformity of standard and coverage, questions can be pre-formulated before administering them to each student. Twenty marks are exclusively allotted for viva voce and that can be divided equally amongst the examiners, i.e., 10 marks per examiner.

#### 20.0 MARKS DISTRIBUTION IN EACH SUBJECT:

- 20.1 Each subject except pre-clinical Prosthodontics and pre-clinical Conservative dentistry in 2<sup>nd</sup> BDS, shall have a maximum of 200 marks as under:

##### 20.2 THEORY 100

20.2.1 University written exam	70
20.2.2 Viva Voce	20
20.2.3 Internal assessment	10

**Total 100**

**20.3 PRACTICAL/ CLINICAL 100**

20.3.1 University Exam	90
20.3.2 Internal assessment	10
<b>Total</b>	<b>100</b>

**20.4 ONLY PRACTICAL AND VIVA VOCE IN UNIVERSITY EXAMINATIONS**

20.4.1	Pre-clinical Prosthodontics in 2 <sup>nd</sup> BDS	
■ 20.4.2	Pre-clinical Conservative Dentistry in 2 <sup>nd</sup> BDS	
20.4.2.1	Internal Assessment -	20
20.4.2.2	Practical -	60
20.4.2.3	Viva Voce -	20

**21.0 SCHEME OF WRITTEN PAPERS AND PRACTICAL / CLINICAL EXAMINATIONS IN VARIOUS SUBJECTS:**

<b>21.1 THEORY</b>	<b>100</b>
<b>21.1.1 University Written</b>	<b>70 Mark</b>
21.1.1.1 Section-A.....	30
2 long questions of 9 Marks each	18
3 Short Notes of 4 marks each	12
21.1.1.2 Section-A.....	30
2 long questions of 9 Marks each	18
3 Short Notes of 4 marks each	12
21.1.1.3 Section- C- 10 Objective type questions.....	10

**Note.** I year BDS- Section A -Physiology and Section B-Biochemistry  
 I year BDS- Section C1 -Physiology and Section C2-Biochemistry  
 II year BDS- Section A -Pathology and Section B- Microbiology  
 II year BDS- Section C1 -Pathology and Section C2- Microbiology

**21.1.2 VIVA.....** 20

**21.1.3 Internal Assessment Examination 10 Total 100**

**21.2. PRACTICALS / CLINICALS EXAMINATION**

21.2.1 University examination.....	90
21.2.2 Internal Assessment Examination .....	10
<b>Total</b>	<b>100</b>

## ASSIGNMENTS AND DISTRIBUTION OF MARKS IN PRACTICAL / CLINICAL EXAMINATIONS IN VARIOUS SUBJECTS

### 22.1. HUMAN ANATOMY, EMBRYOLOGY, HISTOLOGY & MEDICAL GENETICS

22.1.1 Record / Journal Book 10 Marks

#### 22.1.2 Practicals

##### 22.1.2.1 Gross Anatomy

22.12.1.1 Spotters carrying 2 marks each  
2 x 10 = 20 marks

22.1.2.12 Discussion on ONE given dissected specimen = 20 marks

22.12.13 Surface Anatomy 10x1 = 10 marks

##### 22.1.2.2 Histology

Drawing, labeling, Identification of 10 Slides of 4 mark each = 40 marks

### 22.2 GENERAL HUMAN PHYSIOLOGY

22.2.1 Record/Journal Book.....5 Marks

22.2.2 Practicals 40 Marks

22.2.2.1 Major Experiments. .... 30 Marks

Any one of the Major Experiments  
R.B.C. Count, W.B.C. Count.  
Differential Count, Blood Pressure  
Recording

22.2.2.2 Minor Experiments..... 10 Marks

Any one of the minor Experiments  
Determination of Blood Groups  
Determination of Bleeding & Clotting time  
Haemoglobin Estimation

### 22.3 BIOCHEMISTRY

22.3.1 Record/ Journal Book.....5 Marks

22.3.2 Practicals ■ 40 Marks

22.3.2.1 One procedure for quantitative estimation = 20 marks

22.3.2.2 One procedure for qualitative analysis = 20 marks

### 22.4 DENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

22.4.1 Record/Journal Book ..... 10 Marks

22.4.2	Practicals	80 Marks
22.4.2.1	Carving and polishing of a tooth	30 marks
22.4.2.2	Drawing, labeling, Identification of 10 Slides	30 marks of 3 mark each
22.4.2.3	Spotters (Teeth, Models ) 10X2	20 Marks
<b>22.5</b>	<b>GENERAL PATHOLOGY</b>	
22.5.1	Record/Journal Book.....	5 Marks
22.5.2	Practicals.....	40 Marks
22.5.2.1	Identification and description of	
22.5.2.1.1	Haematology slides - 2- (3 marks each)	
22.5.2.1.2	Histopathology slides-3- (3 marks each)	
22.5.2.1.3	Specimens- 2 - (3 marks each)	
22.5.2.1.4	Instruments - 3-(3 marks each)= 30 Marks	
22.5.2.1.5	22.5.2.2 Any one given below	10 Marks
22.5.2.2.1	To do differential count on the given peripheral blood smear	
22.5.2.2.2	To estimate haemoglobin percentage in the given sample of blood	
22.5.2.2.3	To determine blood groups (ABO and Rh) in the given sample of blood	
<b>22.6</b>	<b>MICROBIOLOGY</b>	
22.6.1	Record/Journal Book.....	5 Marks
22.6.2	Practicals.....	40 Marks
22.6.2.1	Spotters 10X3 Marks each	30 Marks
22.6.2.2	Slides 10	
22.6.2.3	Media 3	
22.6.2.4	Instruments 2	
22.6.2.5	Staining- Gram's or Zeil-Nelson's	10 Marks
<b>22.7</b>	<b>GENERAL AND DENTAL PHARMACOLOGY AND THERAPEUTICS</b>	
22.7.1	Record/Journal Book.....	10 Marks
22.7.4	Practicals.....	80 Marks
22.7.4.1	Spotters 10nos. x3 =	30 marks
22.7.4.2	Prescriptions 2 nos. (15+15 marks) = medical plus one dental prescription)	30 marks (one
22.7.4.3	Preparations - 1	20 marks

**22.8 DENTAL MATERIALS**

22.8.1 Record/Journal Book.....10 Marks

22.8.2 Practical 80 Marks

22.8.2.1 10 Spotters: Identify and write the composition and two important uses- 2 marks each 20 Marks

22.8.2.2 Exercise No. 1 - 30 Marks

Any one exercise of the following:

- Manipulation of impression compound and Preparation of a plaster cast of U or L arch.
- Manipulation of alginate impression material and preparation of plaster cast of U or L arch.
- Manipulation of Zinc Oxide Eugenol impression paste, and preparation of cast of U or L arch.
- Manipulation of Rubber Base impression material and preparation of Stone cast

22.8.2.3 Exercise No. 2 - 30 marks

Manipulation of any one of the following.

ZOE (Luting and Filling consistency)

Zinc Phosphate Cement (Luting and Base consistency)

Silicate Cement (Filing consistency)

Glass Ionomer Cement Type I/II (Luting/Filling consistency)

Polycarboxylate Cement (Luting consistency).

Silver amalgam Trituration

**22.9 PRE CLINICAL PROSTHODONTICS - ONLY PRACTICAL AND VIVA VOCE**

22.9.1 Record/Journal Book..... 10 Marks

22.9.2 Practicals 50 Marks

- i. Arrangement of teeth in class I relation, Waxing, Carving, Polishing

**22.10 PRECLINICAL CONSERVATIVE DENTISTRY - ONLY PRACTICAL AND VIVA VOCE**

22.10.1 Record/Journal Book .....	10 Marks
22.10.2 Practicals	50 Marks
22.10.2.1 Preparation of Class II Conventional Cavity for Silver Amalgam in Maxillary or Mandibular I or II Molar tooth (Typhodont/Natural Tooth), Filling, & carving -40 Marks	
22.10.2.2 Spotters Material & Instruments 5X2	10 Marks
<b>22.11 GENERAL MEDICINE</b>	
22.11.1 Record/Journal Book..... - .....	10 Marks
22.11.2 Clinicals (Case presentation & Discussion)	80 Marks
22.11.2.1 Case Presentation (Case History, Clinical examination, Provisional Diagnosis / DD, Investigations & Management)	40 marks
22.11.2.2 Radiographic interpretations	30 marks
22.11.2.3 Instruments	10 marks
<b>22.12 GENERAL SURGERY</b>	
22.12.1 Record/Journal Book.....	10Marks
22.12.2 Clinicals (Case presentation & Discussion)	80 Marks
22.12.2.1 Case Presentation (Case History, Clinical examination, Provisional Diagnosis / DD, Investigations & Management)	40 Marks
22.12.2.2 Radiographic interpretations	30 Marks
22.12.2.3 Instruments	10 Marks
<b>22.13 ORAL PATHOLOGY- AND ORAL MICROBIOLOGY</b>	
22.13.1 Record/Journal Book .....	10 Marks
22.13.2 Practicals	80 Marks
22.13.2.1 10 Specimen: Identification & Points 10x3=	30 Marks
22.13.2.2. 10 Slides - Diagrams, Labelling & Salient features & identification - 5 marks each.	50 Marks
<b>22.14 ORAL MEDICINE AND RADIOLOGY</b>	
22.14.1 Record/Journal Book .....	10 Marks
22.14.2 Clinicals	80 Marks

22.14.2.1 Oral Medicine-Case presentation 50 Marks  
& Discussion  
(Case History, Clinical examination, Provisional  
Diagnosis / DD, Investigations & Management)

22.14.2.2 Radiology 30 Marks

One exercise of taking Periapical  
radiograph, Processing & interpretation

## 22.15 PAEDIATRIC & PREVENTIVE DENTISTRY

22.15.1 Record/Journal Book..... 10Marks

22.15.2 Clinicals 80 Marks

20.15.2.1 Case presentation & Discussion- 40  
marks

(Case History, Clinical examination, Provisional  
Diagnosis / DD, Investigations & Management)

20.15.2.2 Clinical procedure: Any one of the three- 40 Marks

Oral prophylaxis and topical fluoride application  
or Restoration of decayed tooth or Extraction of  
primary tooth

## 22.16 ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

22.16.1 Record/Journal Book ..... 10 Marks

22.16.2 Clinicals 80 Marks

22.16.2.1 Case presentation & Discussion - 40 marks  
(Case History, Clinical examination, Provisional  
Diagnosis / DD, Investigations & Management)

22.16.2.2 Wire Bending Exercises: Any two- 40 Marks

## 22.17 PERIODONTOLOGY

22.17.1 Record/Journal Book..... 10 Marks

22.17.2 Clinicals 80 Marks

22.17.2.1 Case presentation 40  
marks

(Case History, Clinical examination, Provisional  
Diagnosis / DD, Investigations & Management)

22.17.2.2 Oral Prophylaxis 40 marks

## 22.18 PROSTHODONTICS AND CROWN & BRIDGE

22.18.1 Record/Journal Book..... 10 Marks

22.18.2 Clinicals (Case presentation & Discussion) 80 Marks

22.18.2.1 Case history	10 marks
22.18.2.2 Complete denture exercise	40 marks
22.18.2.3 Tooth preparation on typhodont	30 marks

### **22.19 CONSERVATIVE DENTISTRY AND ENDODONTICS**

22.19.1 Record/Journal Boo	10 Marks
22.19.2 Clinicals (Clinical exercise & Discussion) Marks Clinical Management of Carious lesions on permanent teeth	80

### **22.20 ORAL AND MAXILLOFACIAL SURGERY**

22.20.1 Record/Journal Book	10 Marks
22.20.2 Clinicals (Clinical exercise & Discussion)	80 Marks
22.20.2.1 Case History & Examination	25 Marks
22.20.2.2 Local anaesthesia technique	25 Marks
22.20.2.3 Extraction of firm tooth (Maxillary/ Mandibular post, tooth)	30 Marks

### **22.21 PUBLIC HEALTH DENTISTRY**

22.21.1 Record/Journal Book	10 Marks
22.21.2 Clinicals (Case presentation & Health talk)	80 Marks
22.21.2.1 Case History & Examination	30 Marks
22.21.2.2 Assessment of Oral Health status	20 Marks
22.21.2.3 One Preventive clinical procedure	20 Marks
22.21.2.4 22.21.3 Oral Health education talk	10 Marks

### **23.0 QUALIFICATION AND EXPERIENCE OF TEACHING FACULTY**

Qualification and experience of various cadres of teaching faculty as prescribed by Dental Council of India from time to time shall be applicable to the Faculty in Dental Institutions of RKDF University.

### **24.0 TEACHING SCHEDULE**

The following are the minimum prescribed teaching hours in various subjects of BDS course as per DCI regulations:-



Sl. No.	Subject	Lecture Hours	Practical Hours	Clinical Hours	Total Hours
1.	General Human Anatomy including Embryology, Osteology and Histology	120(100)	160(175)	----	280 (275)
2.	General Human Physiology, Biochemistry, Nutrition and Dietics	120(120) 80 (70)	160(60) 160(60)	---	280(180) 240(130)
3.	Dental Materials	120(80)	160(240)	---	280 (320)
4.	Dental Anatomy, Embryology, and Oral Histology	120(105)	240 (250)	---	360(355)
5.	Dental Pharmacology and Therapeutics	80 (70)	80 (20)	---	160(90)
6.	General Pathology & Microbiology	80(55) 80 (65)	80 (55) 80 (50)	---	160(110) 160(115)
7.	General Medicine	80 (60)	---	160(90)	240(150)
8.	General Surgery	80 (60)	---	160(90)	240(150)
9.	Oral Pathology and Microbiology	120(145)	160(130)	---	280 (275)
10.	Oral Medicine and Radiology	120(65)	---	200	320 (265)
11.	Pediatric & Preventive Dentistry	80(65)	---	200	280 (265)
12.	Orthodontics & Dental Orthopedics	80 (50)	----	200	280 (250)
13.	Periodontology	80	---	200	280
14.	Oral & Maxillofacial Surgery	120(70)	---	360	480 (430)
15.	Conservative Dentistry and Endodontic	120(135)	200	480 (460)	800 (795)
16.	Prosthodontics & Crown & Bridge	160(135)	360(300)	460	980 (895)
17.	Public Health Dentistry	80 (60)	--	320 (290)	400(350)
		<b>1590</b>	<b>1540</b>	<b>2550</b>	<b>5680</b>

Established under M.P. Act No. 17 of 2007

### **Ordinance No. 58**

#### **MASTER OF SCIENCE IN NURSING (M. Sc. NURSING) 2 YEAR POST GRADUATE DEGREE COURSE**

##### **AIM AND OBJECTIVES**

###### **1.1 AIM**

- 1.2.1 The aim of the postgraduate program in nursing is to prepare to assume responsibilities as nurse specialists, consultants, educators, administrators in a wide variety of professional settings

###### **1.2 OBJECTIVES**

- 1.2.2 On completion of the two year M.Sc Nursing programme, the will be able to:-
- 1.2.1 Utilize/apply the concepts, theories and principles of nursing science.
- 1.2.2 Demonstrate advance competence in practice of nursing.
- 1.2.3 Practice as a nurse specialist.
- 1.2.4 Demonstrate leadership qualities and function effectively as nurse educator and manager.
- 1.2.5 Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
- 1.2.6 Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
- 1.2.7 Establish collaborative relationship with members of other disciplines.
- 1.2.8 Demonstrate interest in continued learning for personal and professional advancement.

##### **COURSE STRUCTURE**

The post graduate degree in nursing two year course hereinafter designated as M. Sc. (Nursing).

- 2.1 The duration of M.Sc. (N) Course shall extend over a period of two years consisting named below:
- i. M.Sc. (N) 1st Year
- ji. M.Sc. (N) IInd Year

**ACADEMIC QUALIFICATION FOR ADMISSION**

- 3.1 The candidate should be a Registered Nurse and Registered Midwife or equivalent with any State Nursing Registration Council.
- 3.2 The minimum education requirements shall be the passing of:  
B.Sc.Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing with minimum of 55% aggregate marks.
- 3.3 The candidate should have undergone in B.Sc. Nursing / B.Sc. Hons. Nursing / Post Basic B.Sc. Nursing in an institution which is recognized by Indian Nursing Council.
- 3.4 Minimum one year of work experience after Basic B.Sc. Nursing.
- 3.5 Minimum one year of work experience prior or after Post Basic B.Sc. Nursing.
- 3.6 Candidate shall be medically fit.
- 3.7 5% relaxation of marks for SC/ST candidates may be given.

**CRITERIA FOR SELECTION****4.1 Entrance/Selection test**

No. of Seats shall be such as approved by Nursing Council of India

Selection of the candidates should be based on the merit of the entrance examination or qualifying examination held by University or competent authority.

**COURSE DURATION**

- 5.1 The complete duration of M.Sc. (N) course shall be two years.
- 5.2 The duration of each academic year of M.Sc. (N) I & II years shall be not less than 10 month.
- 5.3 The maximum period to complete the course successfully should not exceed 4 years from the date of admission.

**COURSE COMMENCEMENT**

- 6.1 The commencement of 1<sup>st</sup> year M.Sc. (N) shall start during the period of July /August of every year.
- 6.2 Vacation shall be granted maximum four weeks duration between 2 academic years.
- 6.3 The subject to be studied in different academic year of M.Sc. (N) shall be as per scheme given as in subsequent sequence.

## 7.0 EXAMINATION

7.1 The medium of instruction and examination shall be English through out the course of the study.

## 7.2 SCHEME OF EXAMINATION

### First Year

Subjects	Theory			Practical		
	Hours	Internal	External	Hours	Internal	External
Nursing Education	3	25	75		50	50
Advance Nursing Practice	3	25	75			
Nursing Research and Statistics	3	25(7-4.3)	75			
Clinical Speciality -1	3	25	75		100	100
Total		100	300		150	150

### Second Year

Subjects	Theory			Practical		
	Hours	Internal	External	Hours	Internal	External
Nursing Management	3	25	75			
Dissertation & Viva					100	100
Clinical Speciality-ii	3	25	75		100	100
Total		50	150		200	200

## 7.3 University Examination

- 7.3.1 Minimum pass marks shall be 50 % in each of the Theory and practical papers separately.
- 7.3.2 A candidate has to pass in theory and practical exam separately in each of the paper.
- 7.3.3 The University assessment marks for the theory subjects shall be out of 75 marks.
- 7.3.4 The University assessment marks for the theory subjects of Nursing Research and Statistics shall be given out of 75, consisting of Nursing Research 50 and Statistics 25 Marks.
- 7.3.5 The Practical examination marks for the University assessment shall be out of 100 marks except Nursing Education shall be out 50 Marks.
- 7.3.6 Candidate who fails in any subject shall be permitted to continue the studies into the second year.
- 7.3.7 The candidate shall not be allowed to appear for the Second year examination till such time that he/she passes all subjects of the first year M.Sc nursing examination.

- 7.3.8 A candidate failing in more than two subjects will not be promoted to the IInd year.
- 7.3.9 Maximum no. of attempts per subject is three (3) inclusive of first attempt.
- 7.3.10 The practical examination should be done for 4 hours of practical examination per student.
- 7.3.11 Maximum number of students should not exceed more than 10 students per day per speciality.
- 7.3.12 The examination should be held in clinical area only for clinical specialties.
- 7.3.13 Maximum number of candidates for all practical examination should not exceed 10 per day.
- 7.3.14 The dissertation examination should be minimum 30 minutes Viva-voce per student.

#### Internal Examination

#### 7.4.1 The internal assessment of the students is based on

<u>Techniques</u>	<u>Weightage</u>
■ Two test	50
■ Assignment	25
■ Seminar /presentation	25

- 7.4.2 The internal assessment marks for the theory subjects shall be out of 25 marks.
- 7.4.3 The internal assessment marks for the theory subjects of Nursing Research and Statistics shall be given out of 25, consisting of Nursing Research 15 and Statistics 10 Marks.
- 7.4.4 The Practical examination marks for the internal assessment shall be out of 100 marks except Nursing Education shall be out 50 Marks.
- 7.4.5 The internal assessment marks for the practical subjects shall be awarded on the basis of evaluation of performance of the student in the specific area / field.

#### 7.5 Supplementary Examination

- 7.5.1 If a candidate fails in either theory or practical paper he/she has to re-appear for both the papers (Theory and practical).
- 7.5.2 There will be only one mid-session Supplementary Examination held by the University ordinarily held in the month of September / October. There will another Supplementary Examination at the time of Annual main examination.
- 7.5.3 Non appearance at an examination on grounds of sickness or otherwise will be treated as one of the three attempts.

## 7.6 Guidelines for Dissertation

7.6.1 Tentative Schedule for dissertation shall be as follows

7.6.1.1 Submission of the research proposal: End of 9th month of 1st year.

7.6.1.2 Submission of dissertation - Final: End of 9th month of 2nd Year.

7.6.2 Qualification of Research Guide

7.6.2.1 Main guide: Nursing faculty / nursing expert in the same clinical speciality holding Ph.D. / M. Phil or M. Sc. Nursing with a minimum of 3 years experience in teaching in the Post Graduate Programme in Nursing.

7.6.2.2 Co-Guide: A Co-Guide is a nursing faculty/expert in the field of study (may be from outside the college but should be within the city.)

7.6.2.3 Guide: Students Ratio: Maximum of 1:4 (including as co-guide)

7.6.3 There should be a research committee comprising of minimum 5 members chaired by the Principal, College of Nursing.

7.6.4 The research topics shall be approved by institutional research committee.

7.6.5 Administrative approval and ethical clearance should be obtained

### CRITERIA FOR PASSING

- 8.1 Minimum pass marks shall be 50 % in each of the Theory and practical papers separately.
- 8.2 A candidate has to pass in theory and practical exam separately in each of the paper.
- 8.3 If a candidate fails in either theory or practical paper he/she has to re-appear for both the papers (Theory and practical).

### DIVISION & MERIT

9.1 For declaring the rank aggregate of 2 years marks to be considered.

9.2 Classification of results

- |      |  |               |
|------|--|---------------|
| i.   | Distinction  | 75% and above |
| ii.  | First Division   | 60 - 74 %     |
| iii. | Second Division  | 50 - 59 %     |
| iv   | 50% pdgs in each of the theory and practical separately. |               |

**10.0 ATTENDANCE**

- 10.1 A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each subject for appearing for examination.
- 10.2 A candidate must have 100% attendance in each of the practical area before award of degree.

**11.0 APPOINTMENT OF EXAMINERS**

- 11.1 Question paper setter / moderator / head evaluator / Examiner shall have minimum 3 years experience after M.Sc nursing working in any nursing institute conducting nursing courses can be appointed.
- 11.2 Practical examiner-One internal and one external examiner (outside the University) should jointly conduct practical examination for each student.
- 11.3 Evaluation of the Dissertation
- 11.3.1 Evaluation of the dissertation should be done by the examiner prior to viva.
- 11.3.2 One internal and one external examiner (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student
- 11.3.3 For Dissertation Internal examiner should be the guide and external examiner should be Nursing faculty / nursing expert in the same clinical specialty holding Ph.D. / M. Phil or M.Sc. Nursing with a minimum of 3 years experience in guiding the research projects for Post Graduate students of Nursing.

**12.0 REVALUATION / RE-TOTALING**

- 12.1 Revaluation and re-totalling of marks is permitted for theory papers only. The University, on application within the stipulated time and remittance of a prescribed fee, shall permit a recounting of marks and/or revaluation for the subject(s) applied.
- 12.2 The result after revaluation/re-totalling shall be declared as per prevailing revaluation/re-totalling rules and regulation of the RKDF University.

**13.0 CANCELLATION OF ADMISSION**

The admission of a student at any stage of study shall be cancelled by the Vice Chancellor based on recommendation of Head of Institution, if;

- 13.1 Candidate is not found qualified as per INC/State Government norms and guidelines or the eligibility criteria prescribed by the University.

OR

- 13.2 Candidate is notable to complete the course within the stipulated time as prescribed in~5.3.

OR

- 13.3 Candidate is found involved in serious breach of discipline in the institution or in the University campus.

**SCHEME OF STUDIES****14.1 Annual schedule of studies**

	Available	-	52 weeks
i.	Vacation	-	4 weeks
ii.	Examination	-	2 weeks
v.	Gazetted holidays	-	3 weeks
v.	Total weeks available	-	43 weeks
vi.	40 hours per week	-	1720 hours
vii.	<b>Total hours for 2 years</b>	-	<b>3440 hours</b>

- 14.2 The subject to study in different academic year of M.Sc. (N) shall be as per the scheme given in subsequent sections.

**Distribution of Hours****FIRST YEAR**

Paper No.	Subject	Theory	Practical
1.	Nursing Education	150	150
2.	Advance Nursing Practice	150	200
3.	Nursing Research and Statistics	150	100
4.	* Clinical Speciality -1	150	650
	<b>Total</b>	<b>600</b>	<b>1100</b>

**SECOND YEAR**

Paper No.	Subject	Theory	Practical
5.	Nursing Management	150	150
6.	Nursing Research (Dissertation)		300
7.	* Clinical Speciality — II	150	950
	<b>Total</b>	<b>300</b>	<b>1400</b>

\* Clinical Speciality - Medical Surgical Nursing (Cardio Vascular & Thoracic Nursing, Critical Care Nursing, Oncology Nursing, Neurosciences Nursing, Nephro-Urology Nursing, Orthopaedic Nursing, Gastro - Enterology Nursing), Obstetric & Gynaecological Nursing, Child Health Nursing (Paediatric), Mental Health Nursing (Psychiatric), Community Health Nursing.

Note:-Educational visit 2 weeks.



Established under M.P. Act No. 17 of 2007

## ORDINANCE NO.59

### GENERAL NURSING & MIDWIFERY (GNM) PROGRAMME

#### 1.0 AIMS & OBJECTIVES

##### 1.1 AIMS

The aims of the nursing program are to:

- 1.1.1 Prepare Diploma Holders to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative, and rehabilitative services
- 1.1.2 Prepare nurses, who can make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community-nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, and manager in a clinical / public health setting.

##### 1.2 OBJECTIVES

On completion of the Course will be able to:

- 1.2.1 Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.
- 1.2.2 Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
- 1.2.3 Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
- 1.2.4 Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- 1.2.5 Utilize the latest trends and technology in providing health care.
- 1.2.6 Provide promotive preventive and restorative health services in line with the national health policies and programmes.
- 1.2.7 Practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.
- 1.2.8 Communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and teamwork.
- 1.2.9 Demonstrate skills in teaching to individuals and groups in clinical/community health settings.
- 1.2.10 Participate effectively as members of the health team in health care delivery system.
- 1.2.11 Demonstrate leadership and managerial skills in clinical /community health settings.
- 1.2.12 Conduct need based research studies in various settings utilize the research findings to improve the quality of care.
- 1.2.13 Demonstrate awareness, interest, and contribute towards advancement of self and of the profession.

#### 2.0 Duration

- 2.1 The duration of the course shall be three years with Internship.
- 2.2 Maximum period to complete the course successfully should not exceed 6 years from the date of admission.

#### 3.0 Eligibility Criteria for admission

The eligibility criteria for admission shall be as under:

3.1 Minimum and Maximum age for admission will be 17 and 35 years. There is no age bar for ANM/LHV.

3.2 Minimum education:

3.2.1 10+2 class passed preferably Science (PCB) & English with aggregate of 40% marks

3.2.2 10+2 in Arts (Mathematics, Biotechnology, Economics, Political Science, History, Geography, Business Studies, Accountancy, Home Science, Sociology, Psychology, Philosophy) and English Elective or Health care Science- Vocational stream ONLY, passing out from recognized Board under AISSCE/CBSE/ICSE/SSCE/HSCE or other equivalent Board.

3.2.3 10+2 vocational ANM under CBSE Board of other equivalent board from the school and recognized by Indian Nursing Council.

3.2.4 Registered as ANM with State Nursing Registration Council.

3.3 Student shall be medically fit.

3.4 Students qualified in 10+2 Arts or Science examination or Health care Science- Vocational stream ONLY conducted by National Institute of Open School.

3.5 Student shall be admitted once in a year.

#### 4.0 Criteria for Selection

No. of Seats shall be such as approved by Nursing Council of India

4.1 The candidate who fulfill the aforesaid academic qualification for admission.

4.2 Admission shall be based on merit of qualifying examination.

4.3 There shall be no upper age limit for admission for trained Registered nurses.

4.4 The relaxation for Scheduled Caste/Scheduled Tribe OBC/Physical handicapped the relaxation in eligibility marks shall be as per rules of State/Central Govt. and Regulatory Body

#### 5.0 Syllabus:

Syllabus of the course of GNM will be as per guidelines of Indian Nursing Council and as approved by the Board of Studies/Academic Council.

#### FIRST YEAR

Subjects	Theory(hours)	Practical (hours)	
Bio Sciences	<b>120</b>		
- Anatomy & Physiology.	90		-
- Microbiology	30		
Behavioral Sciences	<b>65</b>		
- Psychology	45		
- Sociology	20		
Nursing Foundations	<b>220</b>	200 (lab)	724(clinic)
- Fundamentals of Nursing.	200	22 weeks	
- First aid	20		

Subjects	Theory(hours)	Practical (hours)
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Community Health Nursing	<b>185</b>	336
- CHN-I	80	8 weeks
- Environmental Hygiene	30	
- Health Education & Communication Skills	45	
- Nutrition	30	
English	<b>30</b>	-
Computer Education	<b>15</b>	20
Co-curricular activities	<b>20</b>	-
<b>TOTAL</b>	<b>672 (16)</b>	<b>1260 (30)</b>
		<b>1932</b>

**SECOND YEAR**

Subjects	Theory (hours)	Practical (hours)
Medical Surgical Nursing-I	130	840
Medical Surgical Nursing - II	130	(20 wks)
Mental Health Nursing	70	336 (8wks)
Child Health Nursing	70	336 (8wks)
Co-curricular activities	20	-
<b>TOTAL</b>	<b>420 (10 weeks)</b>	<b>1512 (36 weeks)</b>
		<b>1932</b>

**THIRD YEAR Part-I**

Subjects	Theory (hours)	Practice (hours)
Midwifery & Gynaecological Nursing	140	588 (14 wks)
Community Health Nursing-II	100	168 (4 wks)
Co-curricular	12	-
<b>TOTAL</b>	<b>252 hours</b>	<b>756 hours</b>
		<b>1008</b>

**THIRD YEAR Part-II (Integrated supervised Internship)**

Theory Subjects	Theory (hours)
Nursing Education	20
Introduction to Research and statistics	30
Professional Trends & Adjustments.	30
Nursing Administration & Ward Management	40
<b>TOTAL</b>	<b>120</b>

Clinical Areas	Clinical Hours/ weeks *
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Medical Surgical Nursing	258(6)
Community Health Nursing	258(6)
Child Health Nursing	86(2)
Midwifery and Gynaecological Nursing	344(8)
Mental Health Nursing	86(2)
<b>TOTAL</b>	<b>1032(24)</b>

#### 6.0 Clinical Postings:

Clinical postings will be according to master rotation plan in different clinical areas of hospital & community.

#### 7.0 Examinations:

The examinations shall be held as per Scheme of Examinations as approved by the Board of Studies/Academic Council of the University.

The medium of instruction and examination shall be English throughout the course of study.

7.1 There shall be one annual University Examination at the end of each academic year in the month of May/June.

7.2 The external Examination for practical subject shall be as per the scheme of Examination

7.3 A minimum of 50% marks in theory and practical is required to clear the Examination.

7.4 A Candidate has to secure minimum of 33% in English (qualify examination). The obtained marks shall be not be added in grand total.

7.5 Maximum number of students for practical examination should not exceed beyond 15-20 per day.

7.6 All practical examinations must be held in the respective clinical areas.

7.7 The duration of theory examinations shall be Three hours.

7.8 If a candidate fails in any number of subjects in main examination, he/she will be considered as supplementary candidate in subsequent examination.

#### 8.0 Supplementary Examination:

8.1 There will be only one mid-session Supplementary Examination by the University generally held in the month of September / October of each year. However those who clear the supplementary exam, will appear in the main exam.

#### 9.0 Internal Examination

9.1 The assessment of academic growth of the students shall be done continuously and on day to day basis.

9.2 Internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory and practical assignment and clinical performance.

9.3 The internal assessment marks for the theory subjects shall be out of 25 marks.

9.4 The internal assessment marks for the practical shall be out of 50 marks.

9.5 A candidate has to secure minimum of 50% marks in internal examination (including theory and practical) for qualifying/appearing in the external examination.

9.6 In case a candidate fails in any subjects there shall be provision of improvement in internal assessment marks and those marks will be considered in subsequent examinations.

#### 10.0 Criteria for passing

10.1 A Candidate has to pass in theory and practical exam separately in each subject.

10.2 Minimum passing marks shall be 50% in each of the theory (i.e. internal assessment and university examination taken together) and practical (i.e.

internal assessment and university examination taken together) papers separately.

10.3 A candidate has to secure minimum of 33% in qualifying subject (English) for passing.

10.4 If a candidate fails in either theory or practical paper he/she has to re-appear for both the papers (Theory and Practical).

10.5 A Candidate failing in any number of subjects will be promoted to the next year but the duration of completion shall not exceed then 6 years.

10.6 Grace marks up to a maximum of 5 marks may be awarded to students who have fail in two subjects but passed in all other subjects.

#### 11.0 Division & Merit

- Distinction - 75% and above in any subject (First attempt only)
- First Division - 60% and above in the aggregate of marks of all main subject.
- Second Division - 50% and above but less than 60% in the aggregate of Marks  
of all main subjects.
- Pass - Shall be awarded to the candidate passing with  
Supplementary or more than one attempt.

12.0 The Fees of this Course shall be as decided by the Board of Management of the University and after the approval of M.P. Private University Regulatory Commission.

13.0 The medium of Instruction and Examination shall be English

Established under M.P, Act No. 17 of 2007

## **ORDINANCE No. 60**

### **POST BASIC BACHELOR OF SCIENCE IN NURSING P.B. B.Sc. (NURSING) – 2 YEARS DEGREE COURSE**

#### **1.0 AIMS AND OBJECTIVES**

##### **1.1 AIMS**

The aim of the Post Basic Graduate nursing program is to:

- 1.1.1 Assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative and rehabilitative services.
- 1.1.2 Make independent decisions in nursing situations protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, manager in a clinical/public health settings.

##### **1.2 OBJECTIVES**

On completion of the two years Post Basic B.Sc. Nursing program the graduates will be able to:

- 1.1.1 Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients/clients that contribute to health of individuals, families and communities.
- 1.1.2 Demonstrate competency in techniques of nursing based on concepts and principles from selected areas of nursing, physical, biological and behavioral sciences.
- 1.1.3 Participate as members of health team in the promotive, preventive, curative and restorative health care delivery system of the country.
- 1.1.4 Demonstrate skills in communication and interpersonal relationship.
- 1.1.5 Demonstrate leadership qualities and decision-making abilities in various situations.
- 1.1.6 Demonstrate skills in teaching to individuals and groups in community health settings.
- 1.1.7 Demonstrate managerial skills in community health settings.

1.1.8 Practice ethical values in their personal and professional life.

1.1.9 Participate in research activities and utilize research findings in improving nursing practice.

1.2.10 Recognize the need for continues learning for their personal and professional development.

## **2.0 COURSE STURCTURE**

The degree in Post Basic B.Sc. Nursing of Two years course shall be designated as Post Basic Bachelor of Science in Nursing, in short Post Basic B.Sc. (Nursing).

2.1 The duration of certified study for the P.B. B.Sc. Degree course in Nursing (Basic) shall extend over a period of two academic years, as named below:

- i) Post Basic B.Sc. (N) – First Year
- ii) Post Basic B.Sc. (N) – Second Year

## **3.0 ACADEMIC QUALIFICATION FOR ADMISSION**

3.1 The candidate should be a Registered Nurse and Registered midwife or equivalent with any State Nursing Registration Council.

3.2. The minimum education requirements shall be the passing of General Nursing and Midwifery Course of 3 Year with minimum of 50% aggregate marks.

3.3. The candidate should have undergone in G.N.M. Course from an institution which is recognized by Indian Nursing Council.

3.4. Candidate shall be medically fit.

3.5. 5% relaxation of marks for SC/ST candidates may be given.

## **4.0 CRITERIA FOR SELECTION**

No. of Seats shall be such as approved by Nursing Council of India

4.1 The admission in Post Basic B.Sc. (N) I year shall be based in the merit in the Common Entrance Test or Qualifying Exam.

## **5.0 COURSE DURATION**

5.1 The duration of Post Basic B.Sc.(Nursing) Course shall be Two years.

- 5.2 The maximum period to complete the course successfully should not exceed 4 years from the date of admission.

## 6.0 COURSE COMMENCEMENT

- 6.1 The Post Basic Basic B.Sc. (N) I year course shall commence from August/September of the academic year.

## 7.0 VACATION:

- 7.1 The Heads of Institutions shall declare 4 (Four) weeks of vacation in an academic year to the students. The period(s) of vacation can be decided by the Head of the Nursing Institution.

## 8.0 EXAMINATION

- 8.1 The medium of instruction and Examination shall be English throughout the course of study.

## 8.2 SCHEME OF EXAMINATION

### POST BASIC B.Sc. (N) – FIRST YEAR

Paper No.	First Year Subject	Assessment			
		Hours	Internal	External	Total
1	<b>Theory</b> Nursing Foundations	2	15	35	50
2	Nutrition & Dietetics	2	15	35	50
3	Biochemistry & Biophysics	3	25	75	100
4	Psychology	3	25	75	100
5	Microbiology	3	25	75	100
6	Maternal Nursing	3	25	75	100
7	Child Health Nursing	3	25	75	100
8	Medical & Surgical Nursing	3	25	75	100
9	English*	3	25	75	100
<b>Practicals</b>					
1	Medical & Surgical Nursing		50	50	100
2	Maternal Nursing		50	50	100
3	Child Health Nursing		50	50	100

\* Qualifying Examination

### POST BASIC B.Sc. (N) – SECOND YEAR

Paper No.	SECOND YEAR Subject	Assessment			
		Hours	Internal	External	Total
10	<b>Theory</b> Sociology	3	25	75	100
11	Community Health Nursing	3	25	75	100
12	Mental Health Nursing	3	25	75	100
13	Introduction to Nursing Education	3	25	75	100



14	Introduction to Nursing Administration	3	25	75	100
15	Introduction to Nursing Research & Statistics **	2	50	-	50
4	<b>Practical and Viva voce</b> Community Health Nursing		50	50	100
5	Mental Health Nursing		50	50	100
6	Research Project **		50	50	100

\*\* College Examination

### 8.3 UNIVERSITY EXAMINATION

- 8.3.1 There shall be one Annual University Examination at the end of each academic year.
- 8.3.2 There shall be provision for supplementary examination.
- 8.3.3 The University examination for theory subject shall be out of 75 marks.
- 8.3.4 For English – minimum passing marks will be 40.
- 8.3.5 Maximum number of candidates for practical examination should not exceed 20 per day.
- 8.3.6 All practical examinations must be held in the respective clinical areas.

### 8.4 INTERNAL EXAMINATION

- 8.4.1 The internal assessment marks for the theory subjects shall be out of 25 marks.
- 8.4.2 The internal assessment marks for the practical subjects shall be awarded on the basis of evaluation of performance of the student in the specific area / field.

### 8.5 SUPPLEMENTARY EXAMINATION

- 8.5.1 There shall be one mid session Supplementary Examination held by the University ordinarily held in the month of September / October. However, those who fail in Supplementary exam will appear in main exam.
- 8.5.2 The First year students will have to clear all First year subjects in a maximum limit of 2 (Two) attempts, after which they will not be allowed to continue their Post Basic B.Sc. (Nursing) course
- 8.5.3 Non appearance at an examination on grounds of sickness or otherwise, will be treated as one of the two attempts allowed for 1 year subject(s).
- 8.5.4 If a first year candidate fails in mid session supplementary paper(s), candidate will be given an opportunity to appear in the

main examination of II year provisionally alongwith the backlog of last year subjects.

- 8.5.5 If a candidate fails in backlog subjects of the I year, the result of II Year examination for which candidate is provisionally admitted will be treated as cancelled. The candidate will have to repeat her backlog subjects of I year in next mid session supplementary examination.
- 8.5.6 Only failed subjects will have to be repeated in mid session supplementary or Supplementary examination with the main annual examination.
- 8.5.7 The marks obtained by the candidate in the subjects passed in Supplementary Examination or additional attempts shall be taken into account as pass in the examination.

## 9.0 CRITERIA FOR PASSING

- 9.1 A candidate has to pass in theory and practical examination separately in each of the paper.
- 9.2 A candidate failing in more than two subjects will not be promoted to the next academic year.
- 9.3 Minimum pass marks shall be 40% in each of the theory and practical separately.
- 9.4 If a candidate fails in either theory or practical paper, he/she has to re-appear for both Theory & Practical papers.
- 9.5 Maximum number of attempts permitted for each paper shall be three including first attempt.
- 9.6 A maximum of 5 marks can be awarded to a student, by the examiner, in main or supplementary examination if he/she is failing to score the minimum pass marks criteria.

## 10.0 DIVISION & MERIT

- 10.1 Distinction - 75% and above in any subject (First attempt only)
- 10.2 First Division - 60% and above in aggregate of marks of all main subjects
- 10.3 Second Division - Less than 60% and upto 45% in aggregate of marks of all main subjects
- 10.4 Third Division - Less than 45% and upto 40% in aggregate of marks of all main subjects
- 10.5 Pass Class - Shall be awarded to the candidate passing with Supplementary or more than one attempt.

## 11.0 ATTENDANCE

- 11.1.1. No student shall be allowed to appear for the Final University Examination conducted by RKDF University unless he fulfills the requirement of attendance (80% Lectures, 100% in practical and clinics in each subject / course.
- 11.1.2. In case of sickness or any valid reasons the candidate will be permitted to appear for examination if she/he has 75% attendance. However student will complete the expected clinical experience during vacation.
- 11.1.3. A candidate must have 100% attendance in each of the clinical areas before the award of the degree.
- 11.1.4. The candidate has to pass in theory and practical exam. separately in each of the papers .
- 11.1.5. If a candidate fails in either theory or practical papers he/she has to reappear for both papers ( theory and practical ) in the subsequent examination.
- 11.1.6. The maximum period to complete the course successfully should not exceed 8 years from the date of admission.
- 11.1.7. Maximum number of candidates for practical examinations should not exceed 20 per day.
- 11.1.8. All practical examination must be held in the respective clinical areas.
- 11.1.9. One internal and one external examiner should jointly conduct practical examinations for each student.
- 11.1.10. The examinations as mid-term and pre-final are internals and the final examinations as university examination.
- 11.1.11. No student will be allowed to appear for the University Examination unless he/she obtains 50% marks in Internal Assessment for each subject / course separately.
- 11.1.12. The Dean / Principal should certify that the candidate appearing for University Examination satisfies the above conditions.

## 12.0 APPOINTMENT OF EXAMINERS / QUESTION PAPER SETTER

The appointment of examiner for the Theory and Practical examination shall be based on following rules:

- 12.1 Question paper setter / Moderator / Head Evaluator shall be

Professor or Associate Professor with an experience of minimum 8 years teaching experience with Post Graduate Degree or Doctorate in concerned subject and working in any Nursing Institute in any part of India can be appointed.

## 12.2 PRACTICAL EXAMINER

12.2.1 One Internal and One External Examiner should jointly conduct Practical examination for each student.

12.2.2 An Examiner should be Associate Professor or Assistant Professor in a college of nursing with Post Graduate Degree in concerned subject and with a minimum of 5 years of teaching experience and working in any Nursing Institute in any part of India will be considered.

## 13.0 REVALUATION / RE-TOTALLING

13.1 Revaluation and re-totalling of marks is permitted for theory paper only. The University, on receipt of application within the stipulated time and remittance of a prescribed fee, shall permit a recounting of marks and/or revaluation for the subject(s) applied.

13.2 The result after revaluation/re-totalling shall be declared as per prevailing revaluation/re-totalling rules and regulation of RKDF University.

## 14.0 CANCELLATION OF ADMISSION

14.1 The admission of any student shall be cancelled by the University based on the recommendation of Head of Institute, if

14.1.1 The candidate is not able to complete the course within the stipulated time period.

OR

14.1.2 The candidate is found involved in serious breach of discipline in the Institution or in the University Campus.

OR

14.1.3 The candidate does not fulfill the eligibility criteria for admitting in Nursing course as per Indian Nursing Council / State Government norms and guidelines.

## 15.0 ELIGIBILITY CERTIFICATE

15.1.1 The candidate must have passed Diploma in General Nursing and Midwifery in an institution which is recognized by Indian Nursing Council.

15.1.2 The candidate should be a Registered Nurse and Registered Midwife or equivalent with any State Nursing

## Registration Council..

**17.0 SCHEME OF STUDIES**

The subject to study in different academic year Post Basic B.Sc. (N) shall be as per the scheme given in the subsequent sections:

**17.1 DISTRIBUTION OF HOURS****FIRST YEAR**

First Year Subject	Theory (In hrs.) (Class and Lab)	Practical (In hrs.) (Clinical)	In Hours
1. Nursing Foundation	45		
2. Nutrition and Dietetics	30	15	
3. Biochemistry & Biophysics	60		
4. Psychology	60	15	
5. Maternal Nursing	60	240	
6. Child Health Nursing	60	240	
7. Microbiology	60	30	
8. Medical & Surgical Nursing	90	270	
9. English*	60		
<b>Total Hours</b>	<b>525</b>	<b>810</b>	
<b>Total Hours = 1335 hrs.</b>			

\* Qualifying Paper

# Hindi / Local Language as per the need of the Institution

**SECOND YEAR**

First Year Subject	Theory (In hrs.) (Class and Lab)	Practical (In hrs.) (Clinical)	In Hours
10. Sociology	60		
11. Community Health Nursing	60	240	
12. Mental Health Nursing	60	240	
13. Introduction to Nursing Education	60	75	
14. Introduction to Nursing Administration	60	180	
15. Introduction to Nursing Research & Statistics	45	120	
<b>Total Hours</b>	<b>345</b>	<b>855</b>	
<b>Total Hours = 1200 hrs.</b>			

Established Under M.P. Act No. 17 of 2007

## ORDINANCE NO.61

### B.H.M.S.(Bachelor of Homoeopathic Medicine and Surgery)

The Ordinance is applicable to candidates admitted in Bachelor of Homoeopathic Medicine and Surgery

#### Aims & Objective

##### 1.0 Aims

To heal and comfort the suffering humanity with compassion and respect; and to be recognized as a global leader in Homoeopathic Medical Education and Research

##### 2.0 Objective

- To be a centre of excellence in Homoeopathic Medical Education and research.
- To be progressive in providing holistic health care services to all.
- To be a pioneer in reaching out to the underprivileged
- To inculcate moral values in the students to guide them in the service of the suffering humanity
- To be a pioneer in providing quality patient care and best medical education, responsive to society's needs through Homoeopathy.

##### 3.0 Duration of Course

The duration of Course shall five & Half year including internship & the maximum duration shall be 8 years

##### 4.0 Eligibility Criteria for admission

4.1 For admission to BHMS course, only those candidates are eligible who have passed the 12<sup>th</sup> Exam of 10+2 system (qualifying examination) with Physics, Chemistry and Biology subjects separately and has secured not less than 50% aggregate marks for unreserved category. Candidate of all categories and classes are required to have passed ENGLISH subject in the qualifying examination of 10+2 system.

OR

Have passed an equivalent or higher examination with Physics, Chemistry and Biology from any other recognized Board or University recognized by Department of School Education, Government of Madhya Pradesh. For foreign nationals seeking admission, their eligibility shall be considered on the thesis of equivalent certificate issued to them by the concerned Board / University and approved by the Ministry of External Affairs, Government of India. Candidate of all categories and classes are required to have passed ENGLISH subject in qualifying equivalent examination. No candidate shall be allowed to be admitted in Homeopathy intuition until the candidate has completed or shall complete the age of 17 years on or before 31<sup>st</sup> December of the year of examination.

4.2 The relaxation for Scheduled Caste/Scheduled Tribe OBC/Physical handicapped the relaxation in eligibility marks shall be as per rules of

State/Central Govt. and Regulatory Body i.e. Central Council of Homoeopathy

#### 5.0 CRITERIA FOR SELECTION:

Students for BHMS Course shall be admitted as decided by Board of Management of the University which should be as per directive/guideline of Regulatory body

- 5.1 Students for BHMS course shall be selected strictly on the basis of their academic merit and on the basis of merit as determined by the competitive entrance examination conducted by Ram Krishna Dharmarth Foundation University / any other designated agency approved and authorized by the Ram Krishna Dharmarth Foundation University, Bhopal or as decided by Regulatory Body i.e. Central Council of Homoeopathy.
- 5.2 The minimum percentage of marks for eligibility for admission to BHMS Courses shall be 50% for general category candidates and 40% for the candidates belonging to Scheduled Castes and Scheduled Tribes, obtained in Entrance examination.
- 5.3 The candidates for admission to BHMS Course shall be selected on the basis of Admission selection process decided by statutory body. The fees for each course shall be decided by Board of Management of University after the approval of M.P. Private University Regulatory Commission. The Number of seats in each course will be as per approval of Central Council of Homoeopathy.

#### 6.0 ATTENDANCE

- 6.1 A student shall be required to have a minimum attendance of 75% or more in the aggregate of all the Subject taken together in an Academic year.

#### 7.0 CURRICULUM OF THE PROGRAMME

- 7.1 Curriculum of the B.H.M.S. courses, theory and practical's shall be as approved by the Academic Council as per guidelines of Regulatory body

#### 8.0 (A) MINIMUM TEACHING HOURS, EXAMINATION & EVALUATION, CRITERIA FOR PASSING COURSES, MARKS AND DIVISIONS

- 8.1 Any undergraduate may be admitted to the First B.H.M.S. examination provided that he has regularly attended, the following courses of instruction in the subjects of the examination, theoretical and practical for not less than one year in the college / institution to the satisfaction of the Principal / Director / Principal of the institution.
- 8.2 A candidate securing 75% or above marks in any of the subjects shall be declared to receive honours in that subjects provided he has passed the examination in the first attempt.
- 8.3 In order to pass the B.H. M.S. Examination a candidate must pass in all subjects of the examination  
Pass marks in all subjects both homoeopathic and allied medical subjects shall be 50% in each part (written, oral with practical).
- 8.4 For appearing in Second B.H.M.S. Exam, the candidate should have passed the First B.H.M.S. examination at least one year previously; and for third B.H.M.S. Exam, he has passed the second B.H.M.S. examination at least one year previously. The Third B.H.M.S. examination shall be held at the end of 3.5 years of

B.H.M.S. course or at the end of 42nd month of admission to First B.H.M.S.

8.5 The Fourth B.H.M.S. Examination shall be held at the end of 54th month of admission to First B.H.M.S.

NOTE: -Any changes if notified through Regulation by the Central Council for Homoeopathy, the provision of the above clause shall be modified to the extent.

## 9.0 RESULTS AND READMISSION TO EXAMINATION

9.1 Controller of Examination will ensure that the results of the examination are published in time so that the students who successfully complete the B.H.M.S. Examinations can complete the course in 5 1/2 years after admission.

9.2 Candidates who have passed in one or more subjects need not appear in that subject or those subjects again in the subsequent examinations if the candidate passes the whole examination within four chances including the original examination.

9.3 Facility to keep term: Notwithstanding with the foregoing regulations, the students shall be allowed the facility to keep term on the following conditions:

9.3.1 The candidate must pass the Second B.H.M.S. Examination at least one term (6 months) before he is allowed to appear in the Third B.H.M.S. Examination.

9.3.2 The candidate must pass the Third B.H.M.S. Examination at least one term (6 months) before he is allowed to appear in the Fourth B.H.M.S. Examination.

9.3.3 No candidate shall be given more than 4 chances to appear in First B.H.M.S. Examination in the same subject.

9.4 A candidate who appears at Second or Third B.H.M.S. Examinations, but fails to pass in the subject or subjects, he may be admitted to the next examination in the subject or subjects. However candidates shall be allowed to keep term as provided in (7.3) above.

9.5 Special classes, seminars, demonstrations, practical, tutorials etc. shall be arranged for the repeaters in the subject in which they have failed before they are allowed to appear at the next examination, in which attendance shall be Compulsory.

9.6 If a candidate fails to pass in all the subjects within four chances in examinations, he shall be required to prosecute a further course of studying all the subjects and in all parts for one year to the satisfaction of the head of the college and appearing for examination in all the subjects.

Provided that if a student appearing for the Fourth B.H.M.S. examination has only one subject to pass at the end of prescribed chances, he shall be allowed to appear at the next examination in that particular subject and shall complete the examination with this special chance.

9.7 The examining body may under exceptional circumstances, partially or wholly cancel any examination conducted by it under intimation to the Central Council of Homoeopathy and arrange for conducting re-examination in those subjects within a period of thirty days from the date of such cancellation.

9.8 Grace marks may be awarded to the students at the discretion of the University/ examining body on exceptional circumstances.

Note :-However, in clause 10 it is subject to the provision that any



changes if notified Through Regulation by the Central Council for Homoeopathy, the provision of the above clause shall be modified to the extent.

#### 10.0 INTERNSHIP

10.1 Training in paediatric department to understand paediatric problems and their management through Homoeopathy.

10.2 In the department of skin he should be exposed to various skin lesions and their diagnosis including allergy, leprosy, Leukoderma etc., and their management through Homoeopathy.

10.3 He should be exposed to various community based health activities, health programmes, their implementations and organizational set up. He should also be involved in motivational programmes, health education nutrition, M.C.H., Family welfare and other activities, Control of communicable diseases like tuberculosis, leprosy and sexually transmitted disease.

10.4 Medico-Legal: Acquaintance with issue of various medical certificates like leave certificate on the ground of sickness, fitness certificate, death certificate, birth certificate, medical examination, court procedures in police cases like deaths by unnatural cause, accident etc. preservation of viscera in poisoning cases, postmortem, various Drugs Acts, Homoeopathic Pharmacopoeias, Homoeopathy Central Council Act, various State Homoeopathic Acts, Act of professional conduct and ethics.

#### 10.5 Drug Proving:

In case of degree level internee, it shall be compulsory to take part in Drug Proving Programme and the Internee shall prove at least one drug during the period of internship.

10.6 Each student during the compulsory internship training shall be allotted specific assignment for doing his/her original work in an objective manner. The assignment to be given shall be. Decided mutually by the concerned students and the college authorities. Such assignments will be evaluated by a team of 3 experts (relevant to subject) appointed by the College/ institution with consent of University concerned. The College authority will also ensure avoidance of duplication of work.

#### 10.7 Maintenance of Records

Each internee shall have to maintain a detailed record of at least 25 acute cases and 15 chronic cases treated with homoeopathic medicine during his training in the medical department. Each internee shall have to maintain a detailed record of at least 10 delivery cases attended by him in the Department of Obstetrics and 15 surgical cases assisted by him in the Department of Surgery. During this period internee shall also have to carry out any selective assignment on any subject given to him by the physician In-charge.

#### 10.8 Attendance

Minimum attendance of each internee shall not be less than 80%.

10.9 Each candidate shall be required to undergo compulsory rotating internship of one year, after passing the final B.H.M.S. Examinations, to the satisfaction of the Principal of the Homoeopathic College. Thereafter only, the candidate shall be eligible for the award of Degree of Homoeopathic Medicine and Surgery (B.H.M.S.) by the University.

10.9.1 All parts of the internship training shall be undertaken at the hospital attached to the College, and, in cases where such hospital cannot accommodate all of its

- students for internship then such candidates/ students shall be informed in writing by the college and it shall be the responsibility of the College to ensure that each of such students is put on internship training in a Homoeopathic Hospital or dispensary run by Government or local bodies.
- 10.9.2 To enable the State Board/ Council of Homoeopathy to grant provisional registration of minimum of one year to each candidate to undertake the internship, the University concerned shall issue a provisional passed certificate on passing the final B.H.M.S. Examination to each successful candidate.  
Provided that in the event of shortage, or unsatisfactory work, the period of compulsory internship and the provisional registration shall be accordingly extended by the State Board/ Council.
- 10.9.3 Full registration shall only be given by the State Boards if the B.H.M.S. degree awarded by the University concerned is a recognized medical qualification as per Section 13(1) of the Act, and Board shall award registration to such candidates who produce certificate of completion or compulsory rotation internship of not less than one year duration from the Principal of College where one has been a bonafide student which shall also declare that the candidate is eligible.
- 10.9.4 The internee students shall not prescribe the treatment including medicines and each of them shall work under the direct supervision of Head of Department concerned and/or a Resident Medical Officer. No intern student shall issue any medico-legal document under his/her signatures.
- 10.9.5 Each candidate shall complete the internship training at the maximum within a period of 24 months after passing the final year examination.
- 10.10 The internship training shall be regulated by the Principal in consultation with concerned Heads of Departments and R.M.O. as under:-
- 10.10.1 Each internee student shall be asked to maintain a record of work which is to be constantly monitored by the Head of concerned Department and/or Resident Medical Officer under whom the internee is posted. The scrutiny of record shall be done in an objective way to update the knowledge, skill and aptitude of internee.
- 10.10.2 The stress during the internship training shall be on case taking, evaluation of symptoms, nosological and miasmatic diagnostic analysis, repertorisation and management of sick people based on principles of Homoeopathy. Weekly seminars shall be conducted where interns in rotation are given, a chance to present their cases for discussion, and, concerned teachers/ R.M.O. shall assess performance of each of interns.
- 10.10.3 Rotation of intern-students shall be as under:
- 10.10.3.1 Practice of Medicine- 8 months wherein internee will be rotated in each Psychology, Respiratory, Gastro-intestinal,

- Endocrinology, Skin and V.D., Locomotor, Cardiology, Paediatrics sections.
- 10.10.3.2 Surgery - 1 month
- 10.10.3.3 Obstetrics & Gynaecology - 2 months (1 month each (including Reproductive & child health care))
- 10.10.3.4 Community medicine (including PHC/ CHC) - 1 month
- 10.10.4 Each interneer shall be exposed to clinicopathology work to acquire skill in taking samples and doing routine blood-examination, blood smear for parasites, sputum examination, urine and stool examination. Students shall be trained to correlate laboratory findings with diagnosis and management of sick people.
- 10.10.5 Each interneer shall be given opportunities to learn the diagnostic techniques like x-rays, Ultrasonography, E.C.G., Spirometer and other forthcoming techniques and co-relate their findings with diagnosis and management of cases.
- 10.10.6 Each interneer students shall be given adequate knowledge about issuing of medico-legal certificates including medical and fitness certificates, death certificates, birth certificates, court producers and all of such legislation's be discussed which were taught in curriculum of Forensic Medicine.
- 10.10.7 Each interneer shall maintain records of 40 actual and 25 chronic cases complete in all manner including follow up in Practice of Medicine, record of 5 antenatal check-up and 3 delivery cases attended by him/ her in Department of Obstetrics and 3 cases of Gynaecology, records of 5 surgical cases assisted by him (and demonstrational knowledge of dressings) in Surgery department, and records of knowledge gained in Primary Health Centres, Community Health Centres, various health programmes.
- 10.10.8 It shall be compulsory for each intern-student to prove at least one drug during the Period of internship.
- 10.10.9 Each interneer shall be given a liberty to choose an elective assignment on any subject, and complete output shall be furnished in writing by the interneer in respect of selective assignment to the Principal of the College within internship duration.
- 10.10.10 Each intern shall be posted on duty in such a manner that each of them attend at least 15 days in O.P.D. and 15 days in I.P.D. at least in each month (except for duty in Community Medicine) and attend the other parts of duty including self-preparation in Library.
- 10.10.11 Each intern-student shall be made to learn importance of maintaining statistics and records, intern-student shall also be familiarized with research-methodology.
- 10.10.12 Each interneer shall have not less than 80% of attendance during the internship training.
- 10.10.13 Each interneer shall be on duty of at least 6 hrs. per day during the compulsory internship training.

NOTE:- However any changes if notified through Regulation by the Central Council of Homoeopathy, the provision of the above clause shall be modified to the extent.

**11.0 AWARD OF DEGREE**

A student shall be awarded a degree if:

- 11.1 If he has successfully passed the final B.H.M.S. examination, held at the end of 4 1/2 years and completed one year of compulsory rotatory internship after passing the final examination, as prescribed.
  - 11.2 There are no dues outstanding in his/her name to the University/ Institution: and
  - 11.3 No disciplinary action is pending against him/her
- 12.0 The Fees of this Course shall be as decided by the Board of Management of the University and after the approval of M.P. Private University Regulatory Commission.
- 13.0 The medium of Instruction and Examination shall be English

## ORDINANCE NO.62

### BACHELOR OF MEDICINE AND BACHELOR OF SURGERY(M.B.B.S.)

#### AIMS & OBJECTIVES

##### 1.1 AIMS

- 1.1.1 Graduate medical curriculum is oriented towards training students to undertake the responsibilities of a physician of first contact who is capable of looking after the preventive, promotive, curative & rehabilitative aspect of medicine.
- 1.1.2 With wide range of career opportunities available today, a graduate has a wide choice of career opportunities. The training, though broad based and flexible shall aim to provide an educational experience of the essential [^required for health care in our country. Training is designed to meet internationally acceptable standards.
- 1.1.3 To undertake the responsibilities of service situations which is a changing condition and of various types, it is essential to provide adequate placement training tailored to the needs of such services as to enable the graduates to become effective instruments of implementation of those requirements. To avail of opportunities and be able to conduct professional requirements, the graduate shall endeavour to have acquired basic training in different aspects of medical care.
- 1.1.4 The importance of the community aspects of health care and of rural health care services is to be recognized. This aspect of education & training of graduates shall be adequately recognized in the prescribed curriculum. Its importance has been systematically upgraded over the past years and adequate exposure to such experiences should be available throughout all the three phases of education & training. This has to be further emphasized and intensified by providing exposure to field practice areas and training during the internship period. The aim of the period of rural training during internship is to enable the fresh graduates to function efficiently under such settings.
- 1.1.5 The educational experience shall emphasize health and community orientation instead of only disease and hospital orientation or being-concentrated - on-curative -aspects. As such -all the basic concepts of modern scientific medical education are to be adequately dealt with.

- 1.1.6 There, must be enough experiences to be provided for self learning. The methods and techniques that would ensure this must become a part of teaching-learning process.
- 1.1.7 The medical graduate of modern scientific medicine shall endeavour to become capable of functioning independently in both urban or rural environment. He/she shall endeavour to give emphasis on fundamental aspects of the subjects taught and on common problems of health and disease avoiding unnecessary details of specialization.
- 1.1.8 The importance of social factors in relation to the problem of health and diseases shall receive proper emphasis throughout the course and to achieve this purpose, the educational process shall also be community based than only hospital based. The importance of population control and family welfare planning shall be emphasized throughout the period of training with the importance of health and development duly emphasized.
- 1.1.9 Adequate emphasis is to be placed on cultivating logical and scientific habits of thought, clarity of expression and independence of judgment, ability to collect and analyse information and to correlate them.
- 1.1.10 The educational process shall be placed in a historic background as an evolving process and not merely as an acquisition of a large number of disjointed facts without a proper perspective. The history of Medicine with reference to the evolution of medical knowledge both in this country and the rest of the world shall form a part of this process.
- 1.1.11 Lectures alone are generally not adequate as a method of training and are a poor means of transferring/acquiring information and even less effective at skill development and in generating the appropriate attitudes. Every effort shall be made to encourage the use of active methods related to demonstration and on first hand experience. Students will be encouraged to learn in small groups, through peer interactions so as to gain maximal experience through contacts with patients and the communities in which they live. While the curriculum objectives often refer to areas of knowledge or science, they are best taught in a setting of clinical relevance and hands on experience for students who assimilate and make this knowledge a part of their own working skills.
- 1.1.12 The graduate medical education in clinical subjects shall be based primarily on out-patient teaching, emergency departments and within the community including peripheral health care institutions. The out-patient departments shall be suitably planned to provide training to graduates in small groups.
- 1.1.13 Clinics shall be organised in small groups of preferably not more than 10 students so that a teacher can give personal attention to each student with a view to improve his skill and competence in handling of the patients.
- 1.1.14 Proper records of the work shall be maintained which will form the basis for the students' internal assessment and shall be

available to the inspectors at the time of inspection of the college by the Medical Council of India.

- 1.1.15 Maximal efforts shall be made to encourage integrated teaching between traditional subject areas using a problem based learning approach starting with clinical or community cases and exploring the relevance of various preclinical disciplines in both understanding and resolution of the problem. Every attempt shall be made to de-emphasize compartmentalisation of disciplines so as to achieve both horizontal and vertical integration in different phases.
- 1.1.16 Every attempt shall be made to encourage students to participate in group discussions and seminars to enable them to develop personality, character, expression and other faculties which are necessary for a medical graduate to function either in solo practice or as a team leader when he begins his independent career. A discussion group shall not have more than 20 students.
- 11.17 Faculty member shall avail modern educational technology while teaching the students and to attain this objective, Medical Education Units/ Departments shall be established in the medical college for faculty development and providing learning resource material to teachers.
- 1.1.18 To derive maximum advantage out of this revised curriculum, the vacation period to students in one calendar year shall not exceed one month, during the 4 1/2 years Bachelor of Medicine and Bachelor of Surgery (MBBS) Course.
- 1.1.19 Institution shall insure that adequate financial and technical inputs are provided.
- 1.1.20 History of Medicine the students will be given an outline on History of Medicine. This will be taught in an integrated manner by subject specialists and will be coordinated by the Medical Education Unit of the Institution.
- 1.1.21 The Institution shall have a curriculum committee which would plan curricula and instructional method which will be regularly updated.
- 11.22 Integration of ICT in learning process will be implemented.

## **OBJECTIVES**

At the end of undergraduate program, the medical student should be able to:

- 1.2.1 Recognize health for all as a national goal and health right of all citizens and by undergoing training for medical profession fulfill his/her social obligations towards realization of this goal.
- 12.2 Learn every aspect of National policies on health and devote himself/herself to its practical implementation.
- 12.3 Achieve competence in practice of holistic medicine, encompassing promotive, preventive, curative and rehabilitative aspects of common diseases.

- 1.2.4 Develop scientific temper, acquire educational experience for proficiency in profession and promote healthy living.
- 1.2.5 Become exemplary citizen by observation of medical ethics and fulfilling social and professional obligations, so as to respond to national aspirations.
- 1.2.6 Be competent in diagnosis and management of common health problems of the individual and the community, commensurate with his/her position as a member of the health team at the primary, secondary or tertiary levels, using his/her clinical skills based on history, physical examination and relevant investigations.
- 1.2.7 Be competent to practice preventive, promotive, curative and rehabilitative medicine in respect to the commonly encountered health problems.
- 1.2.8 Appreciate rationale for different therapeutic modalities; be familiar with the administration of the "essential drugs" and their common side effects.
- 1.2.9 Be able to appreciate the socio-psychological, cultural, economic and environmental factors affecting health and develop humane attitude towards the patients in discharging one's professional responsibilities.
- 1.2.10 Possess the attitude for continued self learning and to seek further expertise or to pursue research in any chosen area of medicine.
- 1.2.11 Possess the attitude for continued self learning and to seek further expertise or to pursue research in any chosen area of medicine, action research and documentation skills.
- 1.2.12 Be familiar with the basic factors which are essential for the implementation of the National Health Programmes including practical aspects of the following:
  - Family Welfare and Material and Child Health(MCH)
  - Sanitation and water supply
  - Prevention and control of communicable and non-communicable diseases
  - Immunization
  - Health Education
  - IPHS standard of health at various level of service delivery, medical waste disposal.
  - Organizational institutional arrangements.
- 1.2.13 Acquire basic management skills in the area of human resources, materials and resource management related to health care delivery, "General and hospital management principal inventory skills and counseling.
- 1.2.14 Be able to identify community health problems and learn to work to resolve these by designing, instituting corrective steps and evaluating outcome of such measures.
- 1.2.15 Be able to work as a leading partner in health care teams and acquire proficiency in communication skills.



- 1.2.16 Be competent to work in a variety of health care settings.
- 1.2.17 Have personal characteristics and attitudes required for professional life such as personal integrity, sense of responsibility and dependability and ability to relate to or show concern for other individuals.
- 1.2.18 All efforts must be made to equip the medical graduate to acquire the practical skills.

## **COURSE STRUCTURE**

### **2.1 TRAINING PERIOD AND TIME DISTRIBUTION**

2.1.1 Every student shall undergo a period of certified study extending over 4 1/4 academic years divided into 9 semesters, (i.e. of 6 months each) from the date of commencement of his study for the subjects comprising the medical curriculum to the date of completion of the examination and followed by one year compulsory rotating internship. Each semester will consist of approximately 120 teaching days of 8 hours each college working time, including one hour of lunch.

2.12 The period of 4 1/4 years is divided into three phases as follows --

2.1.2.1 **Phase-I (two semesters)** - consisting of Pre-clinical subjects (Human Anatomy, Physiology including Bio-Physics, Bio-chemistry and introduction to Community Medicine including Humanities). Besides 60 hours for introduction to Community Medicine including Humanities, rest of the time shall be somewhat equally divided between Anatomy and Physiology plus Biochemistry combined (Physiology 2/3 & Biochemistry 1/3).

2.1.2.2 **Phase-II (3 semesters)** - consisting of para-clinical/ clinical subjects. During this phase teaching of para-clinical and clinical subjects shall be done concurrently. The para-clinical subjects shall consist of Pathology, Pharmacology, Microbiology, Forensic Medicine including Toxicology and part of Community Medicine.

The clinical subjects shall consist of all those detailed below in Phase III. Out of the time for Para-clinical teaching approximately equal time be allotted to Pathology, Pharmacology, Microbiology and Forensic Medicine and Community Medicine combined (1/3 Forensic Medicine & 2/3 Community Medicine). See Appendix-C.

2.1.2.3 **Phase-III (Continuation of study of clinical subjects for seven semesters after passing Phase-I)**  
The clinical subjects to be taught during Phase II & III are Medicine and its allied specialties, Surgery and its allied specialties, Obstetrics and Gynaecology and Community Medicine.

Besides clinical posting as per schedule mentioned herewith, rest of the teaching hours be divided for didactic lectures, demonstrations, seminars, group discussions etc. in various subjects. The time distribution shall be as per Appendix-C.

The Medicine and its allied specialties training will include General Medicine, Paediatrics, Tuberculosis and Chest, Skin and Sexually Transmitted Diseases, Psychiatry, Radio-diagnosis, Infectious diseases etc. The Surgery and its allied specialties training will include General Surgery, Orthopaedic Surgery including Physio-therapy and

Rehabilitation, Ophthalmology, Otorhinolaryngology, Anaesthesia, Dentistry, Radio-therapy etc. The Obstetrics & Gynaecology training will include family medicine, family welfare planning etc.

The first 2 semester (approximately 240 teaching days) shall be occupied in the Phase I (Pre-clinical) subjects and introduction to a broader understanding of the perspectives of medical education leading to delivery of health care. No student shall be permitted to join the Phase II (Para-clinical/clinical) group of subjects until he has passed in all the Phase I (Pre-clinical subjects).

After passing pre-clinical subjects, 1 V\* year (3 semesters) shall be devoted to para-clinical subjects. Phase II will be devoted to para-clinical & clinical subjects, along with clinical postings. During clinical phase (Phase III) pre-clinical and para-clinical teaching will be integrated into the teaching of clinical subjects where relevant.

Didactic lectures shall not exceed one third of the time schedule; two third schedule shall include practicals, clinicals or/and group discussions. Learning process shall include living experiences, problem oriented approach, case studies and community health care activities.

The University shall organize admission timings and admission process in such a way that teaching in first semester starts by 1st of August each year.

Supplementary examination shall be conducted within 6 months. The students who pass the supplementary examination shall be allowed to appear in the second professional MBBS examination only after he/she completes the full course of study of three semesters (i.e. 18 months) for the second professional MBBS examination,

**PHASE DISTRIBUTION AND TIMING OF EXAMINATION :-**

6 MONTHS	6 MONTHS	6 MONTHS
1	2	
3	4	5
6	7	
8	9	

I Professional examination (during second semester)  
 II Professional examination (during fifth semester)  
 III Professional Part I (during 7th semester)  
 III Professional Part II (Final Professional).

I Passing in I<sup>st</sup> Professional is Compulsory before 'proceeding to Phase II training.

- 2.2.2 A student who fails in the II<sup>nd</sup> professional examination, shall not be allowed to appear III<sup>rd</sup> Professional Part I examination unless he passes all subjects of II<sup>nd</sup> Professional examination.
- 2.2.3 Passing in III<sup>rd</sup> Professional (Part I) examination is not compulsory before entering for 8th & 9th semester training, however passing of III<sup>rd</sup> Professional (Part I) is compulsory for being eligible for III<sup>rd</sup> Professional (Part II) examination.
- 2.2.4 During third to ninth semesters, clinical postings of three hours duration daily as specified in the Table below is suggested for various departments, after Introductory Course in Clinical Methods in Medicine & Surgery of two weeks each for the whole class.

TABLE

Total Subject	3 <sup>TM</sup> Semes-ter (Wks)	4 <sup>th</sup> Semes-ter (Wks)	5 <sup>TM</sup> Semes-ter (Wks)	6 <sup>th</sup> Semes-ter (Wks)	7 <sup>th</sup> Semes-ter (Wks)	8 <sup>th</sup> Semes-ter (Wks)	Semes-ter (Wks)	Total (Wks)
General****	6	-	4	-	4	6	6	26
Medicine								
Paediatrics		2	-	2	2	4	-	10
Tuberculosis and Chest Diseases	-	2	-	-	-	-	-	02
Skin & STD	-	2	-	2	-	2	-	06
Psychiatry	-	-	2	-	-	-	-	02
Radiology*	-	-	-	-	2	-	-	02
General ****	6	-	4	-	4	6	6	26
Surgery								
Orthopaedics**	-	-	4	4	-	-	2	10
Ophthalmology	-	4	-	4	-	-	2	10
" Ear Nose and Throat	-	4	-	4	-	-	-	08
Obstetrics and Gynaecology including Family Welfare Planning	2	4	4	-	4	4	6	24
Community Medicine	4	4	-	4	-	-	-	12
Casualty	-	-	-	2	-	-	-	02
Dentistry	-	-	-	-	2	-	-	02
Total [in Weeks)		22		22		22	22	142

Clinical methods in Medicine and Surgery for whole class will be for 2 weeks each respectively at the start of 3rd semester

\* This posting includes training in Radiodiagnosis and Radiotherapy where existent.

\*\* This posting includes exposure to Rehabilitation and Physiotherapy.

\*\*\* This posting includes exposure to laboratory medicine and infectious diseases.

\*\*\*\* This includes maternity training and Family medicine and the 3rd semester posting shall be in Family Welfare\Planning.

## 2.3 INTERNSHIP

2.3.1 **General** - Internship is a phase of training wherein a graduate is expected to learn methods/modalities for actual practice of medical and health care and acquire skills under supervision so that he/she may become capable of functioning independently.

2.3.2 In order to make trained work force available, it may be considered as a phase of training wherein the graduate is expected to conduct actual practice under «the supervision of a trained doctor. The learning methods and modalities have to be done during the MBBS course itself with larger number of hands on session, practice on simulators including zoes models.

### 2.3.3 Specific Objectives

At the end of the internship training, the student shall be able to:

2.3.3.1 Diagnose clinical common disease conditions encountered in practice and make timely decision for referral to higher level;

2.3.3.2 Use discreetly the essential drugs, infusions, blood or its substitutes and laboratory services.

2.3.3.3 Manage all type of emergencies-medical, surgical obstetric, neonatal and paediatric, by rendering first level care;

2.3.3.4 Demonstrate skills in monitoring of the National Health Programme and schemes, oriented to provide preventive and promotive health care services to the community;

2.3.3.5 Develop leadership qualities to function effectively as a leader of the health team organised to deliver the health and family welfare service in existing socio-economic, political and cultural environment;

2.3.3.6 Render services to chronically sick and disabled (both physical and mental) and to communicate effectively with patient and the community.

2.3.4 Time allocation to each discipline is approximate and shall be guided more specifically by the actual experience obtained. Thus a student serving in a district or taluk hospital emergency room may well accumulate skill in surgery, orthopaedics, medicine, obstetrics and Gynaecology and Paediatrics during even a single night on duty. Responsible authorities from the medical college shall adjust the intern experience to maximize intern"s opportunities to practice skills in patient care in rough approximation of the time allocation suggested.

**Internship - Time Distribution**

<b>2.3.5.1 COMPULSORY</b>	<b>2 months</b>
Community Medicine	2 months
Medicine including 15 days of Psychiatry	2 months
Surgery including 15 days Anaesthesia	2 months
Obst./Gynae. including Family Welfare Planning	1 month
Paediatrics	1 month
Orthopaedics including PMR	15 days
ENT	15 days
Ophthalmology	15 days
Casualty	
	<b>15 days</b>
<b>2.3.5.2 Elective Posting (1x15 days)</b>	

Subjects for Elective posting will be as follows:  
 -- Dermatology and Sexually Transmitted Diseases.  
 - Tuberculosis and Respiratory Diseases.  
 -- Radio-Diagnosis  
 -- Forensic Medicine --  
 Blood Bank  
 - Psychiatry

**Note:** Structure internship with college assessment at the end of the internship.

**Other Details**

**2.3.6.1** AH parts of the internship shall be done as far as possible in institutions of India. In case of any difficulties, the matter may be referred to the Medical Council of India to be considered on individual merit.

**2.3.6.2** Every candidate will be required after passing the final MBBS examination to undergo compulsory rotational internship to the satisfaction of the College authorities and university for a period of 12 months so as to be eligible for the award of the degree of Bachelor of Medicine and Bachelor of Surgery (MBBS) and full registration.

**2.3.6.3** The University shall issue a provisional MBBS pass certificate on passing the final examination.

**2.3.6.4** The provisional registration will be for a period of one year. In the event of the shortage or unsatisfactory work, the period of provisional registration and the compulsory rotating internship may be suitably extended by the appropriate authorities.

**2.3.6.5** The intern shall be entrusted with clinical responsibilities under direct supervision of senior medical officer. They shall not be, working independently.

2.3.6.6 Interns will not issue a medical certificate or a death certificate or a medico-legal document under their signature.

2.3.6.7 Adjustment to enable a candidate to obtain training in elective clinical subjects may be made.

2.3.6.8 One year's approved service in the Armed Forces Medical Services, after passing the final MBBS examination shall be considered as equivalent to the pre-registration training detailed above; such training shall, as far as possible, be at the Base/General Hospital.

### 2.3.7 Assessment of Internship

2.3.7.1 The intern shall maintain a record of work which is to be verified and certified by the medical officer under whom he works. Apart from scrutiny of the record of work, assessment and evaluation of training shall be undertaken by an objective approach using situation tests in knowledge, skills and attitude during and at the end of the training. Based on the record of work and date of evaluation, the Dean/Principal shall issue Certificate of satisfactory completion of training, following which the University shall award the MBBS degree or declare him eligible for it.

2.3.7.2 Satisfactory completion shall be determined on the basis of the following:-

- Proficiency of knowledge required for each case

SCORE 0-5

- The competency in skills expected to manage each case:

- a) Competency for performance of self performance,
- b) of having assisted in procedures,
- c) of having observed.

SCORE 0-5

- Responsibility, punctuality, work up of case, involvement in treatment, follow-up reports.

SCORE 0-5

- Capacity to work in a team (Behaviour with colleagues, nursing staff and relationship with paramedicals).

SCORE 0-5

-- Initiative, participation in discussions, research aptitude.

SCORE 0-5

Poor / Fair / below average / average / above average / excellent

0      1      2                      3                      4                      5

- 2.3.7.3 A Score of less than 3 in any of above items will represent unsatisfactory completion of internship.
- 2.3.7.4 Full registration shall only be given by the State Medical Council/Medical Council of India on the award of the MBBS degree by the university or it declaration that the candidate is eligible for it.

### 3.0 ACADEMIC QUALIFICATION AND SELECTION CRITERIA FOR ADMISSION

- 3.1 **Eligibility Criteria:** No Candidate shall be allowed to be admitted to the Medical Curriculum proper of first Bachelor of Medicine and Bachelor of Surgery (MBBS) Course until:

3.1.1 He/she shall complete the age of 17 years on or before 31st December of the year of admission to the MBBS Course.

3.1.2 He/she has passed qualifying examination as under:

3.1.2.1 The higher secondary examination or the Indian School Certificate Examination which is equivalent to 10+2 Higher Secondary Examination after a period of 12 years study, the last two years of study comprising of physics, Chemistry, Biology/Bio-technology and Mathematics or any other elective subjects with English at a level not less than the core course for English as prescribed by the National Council for Educational Research and Training after the introduction of the 10+2+3 years educational structure as recommended by the National Committee on education.

**Note:** Where the course content is not as prescribed for 10+2 education structure of the National Committee, the candidates will have to undergo a period of one year pre-professional training before admission to the Medical colleges.

Or

3.1.2.2 The Intermediate examination in science of an Indian University/Board or other recognized examining body with Physics, Chemistry and Biology/Bio-technology which shall include a practical test in these subjects and also English as a compulsory subject.

Or

3.1.2.3 The pre-professional/pre-medical examination with Physics, Chemistry and Biology/Bio technology, after passing either the higher secondary school examination, or the pre-university or an equivalent examination. The pre-professional/pre-medical examination shall

include a practical test in Physics, Chemistry & Biology/Bio-technology and also English as a compulsory subject.

Or

3.1.2.4 The first year of the three years degree course of a recognized University, with Physics, Chemistry and Biology/Bio-technology including a practical test in these subjects provided the examination is a "University Examination" and candidate has passed 10+2 with English at a level not less than a core course.

Or

3.1.2.5 B.Sc examination of an Indian University, provided that he/she has passed the B.Sc examination with not less than two of the following subjects Physics, Chemistry, Biology(Botany, Zoology)/Bio-technology and further that he/she has passed the earlier qualifying examination with the following subjects - Physics, Chemistry, Biology/Bio technology and English.

Or

3.1.2.6 Any other examination which, in scope and standard is found to be equivalent to the intermediate science examination of an Indian University/Board, taking Physics, Chemistry and Biology/Bio-technology including practical test in each of these subjects and English.

**Note:**

The pre-medical course may be conducted either at Medical College or a Science College.

Marks obtained in mathematics are not to be considered for admission to MBBS course.

After the 10+2 course is introduced, the integrated courses should be abolished.

**3.2 Selection of Students:** The admission procedure as prescribed by Medical Education department, Government of M.P. and other Regulatory State & Central bodies for professional Course will be followed. Students for M. B. B. S. course shall be selected strictly on the basis of their academic MERIT as decided by Govt. of M.P. and related Regulatory body.

In case the merit list of competitive entrance examination is exhausted and seats are still available, the remaining vacant seats are shall be filled up on the basis of National/ State level/College level test as decided by the Regulatory.

No. of Seats for MBBS Course shall be such as approved by Medical Council of India/ Govt. of India

3.2.1 Procedure for selection to MBBS course shall be as follows :-

3.2.1.1 A candidate must have passed in the subjects of Physics, Chemistry, Biology/Bio-technology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry & Biology/Bio-technology at the qualifying examination and in addition must



have come in the merit list prepared as a result of such competitive entrance examination by securing not less than 50% marks in Physics, Chemistry and Biology/Bio-technology taken together in the competitive examination.

- 3.2.1.2 In respect of candidates belonging to Scheduled Castes, Scheduled Tribes or other Backward Classes the marks obtained in Physics, Chemistry and Biology/Bio-technology taken together in qualifying examination and competitive entrance examination be 40% instead of 50% as stated above.
- 3.2.1.3 Provided that a candidate who has appeared in the qualifying examination the result of which has not been declared, he may be provisionally permitted to take up the competitive entrance examination and in case of selection for admission to the MBBS course, he shall not be admitted to that course until he fulfils the eligibility criteria.
- 3.2.1.4 Provided that the eligibility criteria for admission to persons with locomotory disability of lower limbs will be a minimum of 45% marks instead of 50% taken together in qualifying examination and competitive entrance examination for admission in MBBS course.

### 3.3 Migration

- 3.3.1 Migration from one medical college to other is not a right of a student. However, migration of students from one medical college to another medical college in India may be considered as per norms laid down by the Medical Council of India, provided following criteria are fulfilled. Routine migrations on other grounds shall not be allowed.
- 3.3.2 Both the colleges, i.e. one at which the student is studying at present and one to which migration is sought, are recognised by the Medical Council of India.
- 3.3.3 The applicant candidate should have passed first professional MBBS examination.
- 3.3.4 The applicant candidate submits his application for migration, complete in all respects, to all authorities concerned within a period of one month of passing (declaration of results) the first professional Bachelor of Medicine and Bachelor of Surgery (MBBS) examination.
- 3.3.5 The applicant candidate must submit an affidavit stating that he/she will pursue 18 months of prescribed study before appearing at 1<sup>st</sup> professional Bachelor of Medicine and

- Bachelor of Surgery (MBBS) examination at the transferee medical college, which should be duly certified by the Registrar of the concerned University in which he/she is seeking transfer. The transfer will be applicable only after receipt of the affidavit.
- 3.3.6 Migration during clinical course of study shall not be allowed on any ground.
- 3.3.7 All applications for migration shall be referred to Medical Council of India by college authorities. The Institution / University shall not allow migrations directly without the approval of the Council. Council reserves the right, not to entertain any application which is not under the prescribed compassionate grounds and also to take independent decisions where applicant has been allowed to migrate without referring the same to the Council.
- 3.3.8 Compassionate grounds criteria for migration as laid down by MCI-
- 3.3.8.1 Death of a supporting guardian.
- 3.3.8.2 Illness of the candidate causing disability.
- 3.3.8.3 Disturbed conditions as declared by Government in the Medical College area.
- 3.3.9 Migration of students from one medical college to another medical college may be granted on any genuine ground subject to the availability of vacancy in the college where migration is sought and fulfilling the other requirements laid down in the Regulations. Migration would be restricted to 5% of the sanctioned intake of the college during the year. No migration will be permitted on any ground from one medical college to another located within the same city.
- 3.3.10 Migration of students from one College to another is permissible only if both the colleges are recognized by the Central Government under section 11(2) of the Indian Medical Council Act, 1956 and further subject to the condition that it shall not result in increase in the sanctioned intake capacity for the academic year concerned in respect of the receiving medical college.
- 3.3.11 The applicant candidate shall be eligible to apply for migration only after qualifying in the first professional MBBS examination. Migration during clinical course of study shall not be allowed on any ground.
- 3.3.12 For the purpose of migration an applicant candidate shall first obtain "No Objection Certificate" from the college where he is studying for the present and the university to which that college is affiliated. and also from the college to which the migration is sought and the university to it that college is affiliated. He/She shall submit his application for migration within a period of 1

within a period of 1 month of passing (Declaration of result of the 1st Professional MBBS examination) along with the above cited four "No Objection Certificates" to: (a) the Director of Medical Education of the State, if migration is sought from one college to another within the same State or (b) the Medical Council of India, if the migration is sought from one college to another located outside the State.

3.3.13 A student who has joined another college on migration shall be eligible to appear in the IInd professional MBBS examination only after attaining the minimum attendance in that college in the subjects, lectures, seminars etc. required for appearing in the examination prescribed under Regulation 12(1)

**Note-1:** The RKDF University /Institutions shall frame appropriate guidelines for grant of No Objection Certificate or migration, as the case may be, to the students subject to provisions of these regulations.

**Note-2 :** Any request for migration not covered under the provisions of these Regulations shall be referred to the Medical Council of India for consideration on individual merits by the Director (Medical Education) of the State or the Head of Central Government Institution concerned. The decision taken by the Council on such requests shall be final.

**Note-3:** The Institution shall send intimation to the Medical Council of India about the number of students admitted by them on migration within one month of their joining. It shall be open to the Council to undertake verification of the compliance of the provisions of the regulations governing migration by the Colleges at any point of time.

#### **COMMENCEMENT OF COURSE**

- 4.1 The M.B.B.S. course shall commence with effect from 1<sup>st</sup> August of respective year or as per prevailing rules.
- 4.2 The last date up to which students can be admitted against vacancies arising due to any reason shall be 30<sup>th</sup> September of respective year or as per prevailing rules.

#### **REGULATION RELATING TO ASSESSMENT OF ACADEMIC GROWTH OF STUDENTS**

- 5.1 Examination Regulations - Essentialities for qualifying to appear in professional examinations. The performance in essential components of training are to be assessed, based on:

month of passing (Declaration of result of the 1st Professional MBBS examination) along with the above cited four "No Objection Certificates" to: (a) the Director of Medical Education of the State, if migration is sought from one college to another within the same State or (b) the Medical Council of India, if the migration is sought from one college to another located outside the State.

3.3.13 A student who has joined another college on migration shall be eligible to appear in the IInd professional MBBS examination only after attaining the minimum attendance in that college in the subjects, lectures, seminars etc. required for appearing in the examination prescribed under Regulation 12(1)

**Note-1:** The RKDF University /Institutions shall frame appropriate guidelines for grant of No Objection Certificate or migration, as the case may be, to the students subject to provisions of these regulations.

**Note-2:** Any request for migration not covered under the provisions of these Regulations shall be referred to the Medical Council of India for consideration on individual merits by the Director (Medical Education) of the State or the Head of Central Government Institution concerned. The decision taken by the Council on such requests shall be final.

**Note-3:** The Institution shall send intimation to the Medical Council of India about the number of students admitted by them on migration within one month of their joining. It shall be open to the Council to undertake verification of the compliance of the provisions of the regulations governing migration by the Colleges at any point of time.

#### **COMMENCEMENT OF COURSE**

- 4.1 The M.B.B.S. course shall commence with effect from 1<sup>st</sup> August of respective year.
- 4.2 The last date up to which students can be admitted against vacancies arising due to any reason shall be 30<sup>th</sup> September of respective year.

#### **REGULATION RELATING TO ASSESSMENT OF ACADEMIC GROWTH OF STUDENTS**

- 5.1 Examination Regulations - Essentialities for qualifying to appear in professional examinations. The performance in essential components of training are to be assessed, based on:

**5.1.1 Attendance**

75% attendance in a subject for appearing in the examination is compulsory inclusive of attendance in non-lecture teaching i.e. seminars, group discussions, tutorials, demonstrations, practicals, hospital (Tertiary Secondary, Primary) posting and bed side clinics etc,

**5.1.2 Internal Assessment**

5.1.2.1 It shall be based on day to day assessment (see note), evaluation of student assignment, preparation for seminar, clinical case presentation etc.:

5.1.2.2 Regular periodical examinations shall be conducted throughout the course. The questions of number of examinations shall be decided by the Institutions.

5.1.2.3 Day to day records shall be given importance during internal assessment

5.1.2.4 Weightage for the internal assessment shall be 20% of the total marks in each subject.

5.1.2.5 Student must secure at least 35% marks of the total marks fixed for internal assessment in a particular subject in order to be eligible to appear in final university examination of that subject.

5.1.2.6 Internal assessment shall relate to different ways in which students participation in learning participation in learning process during semesters in evaluated. Some examples are as follows:

Preparation of subject for students seminar.

Preparation of a clinical case for discussion.

Clinical case study/problem solving exercise.

Participation in Project for health care in the community (planning stage to evaluation).

Proficiency in carrying out a practical or a skill in small research project.

Multiple choice questions (MCQ) test after completion of a system/teaching.

Each item tested shall be objectively assessed and recorded. Some of the items can be assigned as Home work/Vacation work.

## 6.0 APPOINTMENT OF EXAMINERS

- 6.1 No person shall be appointed as an examiner in any of the subjects of the Professional examination leading to and including the final Professional examinations for the award of the MBBS degree unless he has taken atleast five years previously, a doctorate degree of a recognized university or an equivalent qualification in the particular subject as per recommendation of the Council on teachersD eligibility qualifications and has had at least five years of total teaching experience in the subject concerned in a college affiliated to a recognized university at a faculty position.
- 6.2 There shall be at least four examiners for 100 students, out of whom not less than 50% must be external examiners. Of the four examiners, the senior most internal examiner will act as the Chairman and co-ordinator of the whole examination programme so that uniformity in the matter of assessment of candidates is maintained. Where candidates appearing are more than 100, one additional examiner, for every additional 50 or part thereof candidates appearing, be appointed.
- 6.3 Non medical scientists engaged in the teaching of medical students as whole time teachers, may be appointed examiners in their concerned subjects provided they possess requisite doctorate qualifications and five year teaching experience of medical students after obtaining their postgraduate qualifications. Provided further that the 50% of the examiners (Internal & External) are from the medical qualification stream.
- 6.4 External examiners shall not be from the same university and preferably be from outside the state.
- 6.5 The internal examiner in a subject shall not accept external examinership for a college from which external examiner is appointed in his subject.
- 6.6 External examiners shall rotate at an interval of 2 years.
- 6.7 There shall be a Chairman of the Board of paper-setters who shall be an internal examiner and shall moderate the questions.
- 6.8 Except Head of the department of subject concerned in a college/institution, all other with the rank of reader or equivalent and above with requisite qualifications and experience shall be appointed internal examiners by rotation in their subjects; provided that where there are no posts of readers, then an Assistant Professor of 5 years standing as Assistant Professor may be considered for appointment as examiner.

## 7.0 UNIVERSITY EXAMINATIONS: THEORY AND PRACTICAL

- 7.1 Theory papers will be prepared by the examiners as prescribed. Nature of questions will be short answer type/objective type and marks for each part indicated separately. Question papers should, preferably be of short structure/objective type.

- 7.2 Practicals/clinicals will be conducted in the laboratories or hospital wards. The objective will be to assess proficiency in skills, conduct of experiment, interpretation of data and logical conclusion. Clinical cases should preferably include common diseases and not esoteric syndromes or rare disorders. Emphasis should be on candidate's capability in eliciting physical signs and their interpretation. Clinical cases/practical's shall take into account common diseases which the student is likely to come in contact in practice. Rare cases/obscure syndromes, long cases of neurology shall not- be put for final examination
- 7.3 Viva/oral includes evaluation of management approach and handling of emergencies. Candidates skill in interpretation of common investigative data, x-rays, identification of specimens, ECG etc. also is to be evaluated.
- 7.4 The examinations are to be designed with a view to ascertain whether the candidate has acquired the necessary for knowledge, minimum skills along with clear concepts of the fundamentals which are necessary for him to carry out his professional day to day work competently. Evaluation will be carried out on an objective basis.
- 7.5 Question papers should preferably be of short structure/objective type.
- 7.6 Clinical cases/practicals shall take into account common diseases which the student is likely to come in contact in practice. Rare cases/obscure syndromes, long cases of neurology shall not be put for final examination.
- 7.7 During evaluation it shall be ascertained if the candidate has acquired the desired practical skills.
- 7.8 There shall be one main examination in a year and a supplementary to be held not later than 6 months after the publication of its results. Universities Examinations shall be held as under:-
- 7.8.1 First Professional:-  
In the second Semester of Phase 1 training, in the subjects of Anatomy, Physiology and Bio-Chemistry.
- 7.8.2 Second Professional:-  
In the Fifth Semester of Phase II training, in the subjects of Pathology, Microbiology, Pharmacy and Forensic Medicine.
- 7.8.3 Third Professional ; -  
Part I- in the Seventh Semester of Phase III, in the subjects of Ophthalmology, Oto-rhyno-laryngology and Community Medicine.
- 7.8.4 Third Professional ; -  
Part II-(Final Professional) - At the end of Phase III training in the subjects of Medicine, Surgery, Obstetrics & Gynecology and Pediatrics.

**Note:**

- a) Results of University examinations shall be declared before the start of teaching for next semester.
- b) Passing in 1st Professional is compulsory before proceeding to Phase II training.
- c) A student who fails in the IInd professional examination, should not be allowed to appear IIIrd Professional Part I examination unless he passes all subjects of IInd Professional examination.
- d) Passing in IIIrd Professional (Part-1) is compulsory for being eligible for IIIrd Professional (Part II) examination

**Distribution of marks to various disciplines:****7.9.1 First Professional examination:(Pre-clinical Subjects):-****7.9.1. Anatomy:**

Theory-Two papers of 50 marks each  
 (One applied question of 10 marks in each paper) 100 marks.  
 Oral(Viva) 20 marks  
 Practical 40 marks  
 Internal Assessment  
 (Theory-20; Practical-20) 40 marks  
 Total 200 marks

**7.9.1.2 Physiology including Biophysics**

Theory-Two papers of 50 marks each  
 (One applied question of 10 marks in each paper) 100 marks  
 Oral (Viva) 20 marks  
 Practical 40 marks  
 Internal Assessment  
 (Theory-20; Practical-20) 40 marks  
 Total 200 marks

**7.9.1.3 Biochemistry**

Theory-Two papers of 50 marks each  
 (One applied question of 10 marks in each paper) 100 marks  
 Oral (Viva) 20 marks  
 Practical 40 marks  
 Internal Assessment  
 (Theory-20; Practical-20) 40 marks  
 Total 200 marks

**7.9.1.4 Pass:** In each of the subjects, a candidate must obtain 50% in aggregate with a minimum of 50% in Theory including orals and minimum of 50% in Practicals.



## **7.9.2 Second Professional Examination: (Para-clinical subjects)**

### **7.9.2.1 Pathology**

Theory-Two papers of 40 marks each  
(One applied question of 10 marks in each paper) 80 marks  
Oral (Viva) 15 marks  
Practical 25 marks  
Internal assessment  
(Theory-15; Practical-15) 30 marks  
Total 150 marks

### **7.9.2.2 Microbiology**

Theory-Two papers of 40 marks each  
(One applied question of 10 marks in each paper) 80 marks  
Oral (Viva) 15 marks  
Practical 25 marks  
Internal assessment (Theory-15;  
Practical-15) 30 marks Total 150 marks

### **7.9.2.3 Pharmacology**

Theory-Two papers of 40 marks each  
Containing one question on clinical therapeutics 80 marks  
Oral (Viva) 15 marks  
Practical 25 marks  
Internal assessment  
(Theory-15; Practical-15) 30 marks  
Total 150 marks

### **7.9.2.4 Forensic Medicine**

Theory-one paper 40 marks  
Oral (Viva) 10 marks  
Practical/Clinicals 30 marks  
Internal assessment  
(Theory-10; Practical-10) 20 marks  
Total 100 marks

**7.9.2.5 Pass:** In each of the subjects, a candidate must obtain 50 % in aggregate with a minimum of 50% in Theory including oral and minimum of 50% in Practicals/clinicals.

## **7.9.3 Third Professional - Part I**

To be conducted during end period of seventh semester.

### **7.9.3.1 Ophthalmology**

Theory : One paper 40 marks  
should contain one question on pre-clinical and para-clinical aspects, of 10 marks) raj (Viva) 10 marks

- Clinical 30 marks Internal assessment 20 marks (Theory-10; Practical-10) Total 100 marks

### 7.9.3.2 Oto-Rhino-Laryngology

Theory: One paper 40 marks  
(should contain one question on pre-clinical and para-clinical aspects, of 10 marks)  
Oral (Viva) 10 marks  
Clinical 30 marks Internal assessment 20 marks  
(Theory-10 Practical-10)  
Total 100 marks

### 7.9.3.3 Community Medicine including Humanities

Theory : Two papers of 60 marks each 120 marks  
(includes problem solving, applied aspects of management at primary level including essential drugs, occupational (agro based) diseases, rehabilitation and social aspects of community). Oral (Viva) 10 marks  
Practical/Project evaluation 30 marks Internal assessment 40 marks (Theory -20; Practical-20)  
Total 200 marks

7.9.3.4 **Pass:** In each of the subjects a candidate must obtain 50% in aggregate with a minimum of 50% in Theory including orals and minimum of 50% in practicals/clinicals.

## 7.9.4 Third Professional - Part II

Each paper shall have two sections. Questions requiring essay type answers may be avoided.

### 7.9.4.1 Medicine

Theory- Two papers of 60 marks each 120 marks  
Paper 1- General Medicine  
Paper II- General Medicine (including Psychiatry, Dermatology and S.T.D.)  
(Shall contain one question on basic sciences and allied subjects)  
Oral (Viva) Interpretation of X-ray ECG, etc. 20 marks  
Clinical (Bed side) 100 marks  
Internal assessment 60 marks  
(Theory-30; Practical-30)  
Total 300 marks

### 7.9.4.2 Surgery

Theory-Two papers of 60 marks each 120 marks  
Paper-1-General Surgery (Section 1)  
Orthopaedics (Section 2) Paper II-General Surgery including

Anaesthesiology, Dental diseases and Radiology.  
(shall contain one question on basic sciences and allied subjects)

Oral (Viva) Interpretation of Investigative data 20 marks

Clinical (Bed Side) 100 marks

Internal assessment 60 marks

(Theory-30; Practical-30) 60 marks

Total 300 marks

Paper 1 of Surgery shall have one section in Orthopaedics. The questions on Orthopaedic Surgery be set and assessed by examiners who are teachers in the Orthopaedic surgery.

#### 7.9.4.3 Obstetrics and Gynaecology

Theory Two papers of 40 marks each 80 marks

Paper I- Obstetrics including social obstetrics.

Paper II - Gynaecology, Family Welfare and Demography

(Shall contain one question on basic sciences and allied subjects)

Oral (Viva) including record of delivery cases(20+10) 30 marks

Clinical 50 marks

Internal assessment

(Theory-20; Practical-20) total 40 marks

Total 200 marks

#### 7.9.4.4 Pediatrics: (Including Neonatology)

Theory: One paper 40 marks

(Shall contain one question on basic sciences and allied subjects)

Oral (Viva) 10 marks

Clinical 30 marks

Internal assessment 20 marks

(Theory-10; Practical-10)

Total 100 marks

7.9.4.5 Pass: In each of the subjects a candidate must obtain 50% in aggregate with a minimum of 50% in Theory including orals and minimum of 50% in Practicals/clinicals.

#### 7.10 Criteria for passing

7.10.1 Results of University examinations shall be declared before the start of teaching for next semester.

7.10.2 Passing in 1st Professional is compulsory before proceeding to Phase II training.

7.10.3 A student who fails in the 1st professional examination, should not be allowed to appear 2nd Professional Part I examination unless he passes all subjects of 1st Professional examination.

7.10.4-Passing in 2nd Professional (Part-1) is compulsory for being eligible for 2nd Professional (Part II) examination

### 7.11 Division and Merit list

7.11.1 The division shall be awarded only after 3<sup>rd</sup> part II university examination and shall be based on the aggregate marks obtained by the candidate at his /her successful attempts at the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> part I and 3<sup>rd</sup> part II M.B.B.S. University examinations. There shall be only three divisions as follows—

– 1 <sup>st</sup> division with honors	:	75 % and above
– 1 <sup>st</sup> division	:	60 % and above but below 75%
– 2 <sup>nd</sup> division	:	50 % and above but below 60%

7.11.2 The merit shall be declared by the university after the declaration of result of 3<sup>rd</sup> Part II M.B.B.S. university examination on the basis of the integrated performance of all the four M.B.B.S. university examinations. The merit list shall include first 10 candidates securing at least 1<sup>st</sup> division and passing all M.B.B.S. university examination in first attempts with all subjects taken together.

### 7.12 Condonation of deficiency in marks

7.12.1 The grace marks up to a maximum of five marks may be awarded at the discretion of the University to a student who has failed only in one subject but has passed in all other subjects.

7.12.2 After condonation of marks the result of the concerned M.B.B.S. university examination shall be declared as " Pass by condonation" or "Pass by grace".

## 8.0 REVALUATION / RE-TOTALING

8.1 Re-totalling-The university on application and remittance of stipulated fees as prescribed by the university shall permit a recounting or opportunity to recount the marks received for various questions in an answer paper/papers for theory of all subject for which a candidate has appeared in the university examination. Any error in addition of marks awarded, if identified shall be suitably rectified.

8.2 Revaluation- Revaluation of theory papers in all years of study of the M.B.B.S. course shall be permissible by the university on application and remittance of the prescribed fees within the stipulated time. Such answer scripts shall be reevaluated by not less than two duly qualified examiners and the average obtained shall be awarded to the candidate and the result reconsidered accordingly.

## 9.0 CANCELLATION OF ADMISSION

9.1 The admission of the student at any stage of the study shall be cancelled by the Vice Chancellor based on the recommendation of the head of the institution if:

9.1.1 He/ She is not found to be qualified or eligible as per MCI norms and guidelines.

9.1.2 He/She is found to have produced false / forged documents or found to have used unfair means to secure admission.

9.1.3 He/ she is found to be involved in serious breach of discipline in the restitution or the university campus.

**APPENDIX-A****Prescribed Teaching Hours :-**

Following minimum teaching hours are prescribed in various disciplines;

<b>A. Pre-Clinical Subjects</b>	(Phase-1 -First and Second Semester)
Anatomy Physiology	650 Hrs.
Biochemistry	480 Hrs.
Community Medicine	240 Hrs.
<b>Para-Clinical Subjects</b>	60 Hrs.
Pathology	(Phase-II-5th to 7th Semester)
Pharmacology	300 Hrs. 300 Hrs. 250 Hrs.
Microbiology	200 Hrs.
Community Medicine	(including 8 weeks postings of 3 hrs each)
	100 Hrs.
Forensic Medicine	

Teaching of para-clinical subjects shall be 4 hrs per day in 3rd Hrs Semester and 3Hrs per day in 4th and 5th Semesters (See attached Time Table)

**Clinical Subjects**

Clinical postings as per chart attached.

Theory lectures, demonstrations and Seminars etc.in addition to clinical postings as under. The clinical lectures to be held from 4th Semester onwards (See attached Time Table)

Gen-Medicine	300 Hours
Gen. Surgery	300 Hours
Paediatrics	100 Hours
Orthopedics	100 Hours
T.B. and Chest	20 Hours
Ophthalmology	100 Hours
Psychiatry	20 Hours
ENT	70 Hours
Skin and STD	30 Hours
Radiology	20 Hours
Community Medicine	50 Hours
Dentistry	10 Hours
Anaesthesia	20 Hours
Obst&Gynae.	300 Hours

**Note**

This period of training is minimum suggested.

Adjustments where required depending on availability of time shall be made.

This period of training does not include university examination period.

Extra time available be devoted to other Sub-specialities.

Clinical methods in Medicine and Surgery for whole class will be for 2 weeks each respectively at the start of 3rd semester.

This posting shall include training in Radiodiagnosis.

This posting includes exposure to Rehabilitation Physiotherapy-

This posting includes exposure to laboratory medicine and infectious diseases.

This posting includes exposure to dressing and Anesthesia.

This includes maternity training and Family medicine and the 3rd semester posting shall be in Fairly Welfare Plannin

Established Under M.P. Act No. 17 of 2007.

## ORDINANCE NO.63

### Paramedical Courses

The Ordinance is applicable to students admitted in Paramedical Courses

#### 1.0 Aims & Objective

- 1.1 To promote, encourage propagate the science of Para Medical Technology, to educate and train people in Para Medical Science.
- 1.2 To establish Paramedical Courses as per guidelines of M.P. Para Medical Council after getting done permission from Medical Education Department, Govt. of M.P.
- 1.3 To held examination of Paramedical courses and to provide proficiency certificate diploma who qualify the examination.

#### 2.0 COURSES NAME,STRUCTURE, PERIOD,,DURATION

S.No	COURSES	PERIOD	DURATION
1.	Laboratory Technician (a) Pathology (b) Anesthesia (c) Respiratory Technician	Certificate Diploma Certificate	1 Year 2 Year 1 Year
2.	(a) CT MRI Technician (b) X-Ray Radiographer Technician	Certificate Diploma	1 Year 2 Year
3.	ECG Technician	Certificate	1 Year
4.	Ultra Sound Technician	Certificate	1 Year
5.	Operation Theatre Technician	Certificate	1 Year
6.	Dialysis Technician	Certificate	1 Year
7.	Health Inspector	Certificate	1 Year
8.	Hospital Medical Record Science	Certificate	1 Year
9.	Compounder (Allopath) Compounder (Ayurvedic)	Diploma Certificate	2 Years 1 Year
10.	Compounder (Homeopathy & Biochemy)	Certificate	1 Year
11.	Pathology	Diploma	2 Years
12.	D.Pharm (AYURVEDIC)	Diploma	2 Years
13.	Multipurpose Health Worker	Certificate	1 Year

1.1 Each academic year shall consist of 180 teaching days.

1.2 The Student admitted in above courses shall have to complete the course within the maximum permissible duration of 4 years for 2 years course and 2 years for 1 year course from the date of admission

#### 2.0 SELECTION CRITERIA FOR ADMISSION

2.1 Eligibility Criteria: Admission to the First year in above courses shall be as per guideline by M.P. Paramedical Council

2.2 The candidate should have completed minimum of 17 years of age on/before 31<sup>st</sup> December of the concerned academic session.

2.3 Selection Criteria: The admission in above First Year shall be based on the merit of the qualifying examination.

Or

Common Entrance Test (CET), conducted by the University/ any designated agency.

2.4 On admission, every candidate Medically fit

2.5 The relaxation for Scheduled Caste/Scheduled Tribe OBC/Physical handicapped the relaxation in eligibility marks shall be as per rules of State/Central Govt. and Regulatory Body

### 3.0 COMMENCEMENT OF COURSE

The course shall be commencing from the month of August of every academic year.

### 4.0 REGULATIONS RELATING TO THE ASSESSMENT OF ACADEMIC GROWTH OF THE STUDENT

The assessment of academic growth of the student shall be done on the basis of Three Sessional Examination (conducted during the year) and one University Examination (conducted at the end of the academic year).

The medium of instruction and Examination shall be English/Hindi throughout the course of the study.

### 5.0 Attendance

5.1 Candidates appearing as regular student for any annual examination are required to attend 75% of the total lecturer's delivered and of the practical classes held separately in each subject of the course of the study.

5.2 The total lecture and practical shall be conducted as per scheme and syllabus given by M.P. Paramedical Council Bhopal.

### 6.0 University Examination; Theory & Practical Written Examination

The main Examination shall be held on yearly basis and courses structure shall be as per guidelines of M.P. Paramedical Council.

### 7.0 Appointment of the Examiners/ Question Paper Setters

The appointment of examiner for the University Examination shall be based on following criteria;

7.1 For Theory paper setting and valuation one examiner shall be required, who may be an Internal or External, minimum an Assistant Professor with 3 year teaching experience in the concerned subject.

7.2 For the Practical examinations there shall be two examiners for each subject, one External Examiner and one Internal Examiner, with minimum qualification and experience of an Assistant Professor with 3 year teaching experience in the concern subject.

7.3 The External Examiner shall be the subject expert from outside the University having Master's/ Post Graduate qualification in the concern subject with minimum 3 year teaching experience.

7.4 The faculty of the Subject/ Head of the Department with minimum 3 years of teaching experience shall be the Internal-Cum-Convener examiner for the examinations.

### 8.0 Compulsory Rotary Clinical Training

8.1 For above mentioned courses students as per time prescribed by M.P. Paramedical Council Rotary Clinical Training shall be compulsory as a part of partial completion of the course. The training shall be undertaken in any of medical laboratory attached with minimum 100 bedded hospital.

### 9.0 CANCELLATION OF ADMISSION

9.1 The admission of a student at any stage of study shall be cancelled by the Vice Chancellor based on recommendation of Head of the Institution, if:

9.1.1 He/She is not found qualified as per MP Paramedical Council norms and guidelines or the eligibility criteria prescribed by the University.

- 9.1.2 He/ she is found to have produced false/ forged documents or found to have used unfair means to secure admission.
- 9.1.3 He/She is found involved in serious breach of discipline in the institution or in the University campus.
- 10.0 The Fees of this Course shall be as decided by the Board of Management of the University and after the approval of M.P. Private University Regulatory Commission.
- 11.0 The medium of Instruction and Examination shall be English

### **Ordinance No. 64** **Ordinance for Diploma in Engineering (Part Time)**

#### **1.0 Four Years Diploma in Engineering (Part Time) Programme**

Hereafter referred as Diploma in Engineering/ Technology (Part Time) based four-year (eight-semester) duration, herein after called 4-YDP, shall be designated as Diploma in Engineering (Part Time) in respective Branch.

- 1.1 This Diploma in Engineering (Part Time) shall include the branches of Applied Videography, Architecture, Cement Technology, Computer Science and Engineering, Costume Design and Dress making, Electronics (Y-Scheme), Electronics & Telecommunication Engineering, Food Technology, Garment Technology, Instrumentation Engineering, Interior Decoration and Design, Information Technology, Metallurgy, Mining and Mine Surveying, Modern Office Management, Opto-Electronics, Production Engineering, Textile Design, Automobile Engineering, Chemical Engineering, Civil Engineering, Construction Technology and Management, Electrical Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Refinery and Petro Chemical, Plastic Technology, Printing Technology, Refrigeration and Air Conditioning Engineering, Textile Technology, Ophthalmic Technology, Architectural Assistantship, Architecture and Interior Design, Electronics and Instrumentation, Film Technology and TV Production, Computer hardware and maintenance.
- 1.2 The studies and examinations of these Diploma in Engineering (Part Time) programmes shall be on the basis of semester system for 4 academic years spread over eight semesters.

#### **2.0 RULES FOR ADMISSIONS**

- 2.1 Admission procedure as per ordinance No. 2 of RKDF University.
- 2.2 Minimum Qualification and conditions for admissions will be as per AICTE norms.
- 2.3 For admission to the first semester of Diploma in Engineering (Part Time) programme, the minimum qualification shall be the passing of high school /10<sup>th</sup> std/SSC examination scheme conducted by M.P. Board of Secondary Education or an equivalent examination from a recognized Board/University and with minimum of two years full time work experience.

Or

- Passed 10<sup>th</sup> std/SSC Examination with 2 years duration ITI
- 2.4 Relaxation in Qualifying marks shall be for SC/ST/OBC and minority as per rules of State Govt./ Central Govt. and regulatory bodies



### **3.0 Examination**

3.1 There shall be four years semester pattern examinations, held by the University leading to the Diploma in Engineering (Part Time) in respective branch of Engineering, in the faculty of Engineering & Technology. All the examinations shall be on the semester pattern basis. There shall be one regular examination at the end of each semester conducted by this University, whereby, in each academic year, there shall be two "Semester Examinations". Thus, from First year D.E. (PT) and onwards up to fourth (final) year D.E., (Part-Time) there shall be Eight Semesters i.e. I, II, III, IV, V, VI, VII and VIII each

followed by a University examination

3.2 Diploma in Engineering (Part Time) of 4 years course shall be as per the schemes and syllabus approved by the Board of Studies of the University

3.3 The medium of Instruction & Examination shall be English and Hindi.

3.4 Examination Rules shall be as per ordinance No. 5 of RKDF University.

3.5 For a student, maximum duration completion of total course will be eight years.

### **4.0 RULES FOR ATTENDANCE**

Minimum attendance required will be 75% in each semester for appearing in regular exam, provided that a short fall in attendance up to 10% and a further 5% can be condoned by the Principal of the college and Vice-Chancellor of the University respectively for satisfactory and Genuine reasons.

### **5.0 Fees**

As decided by University & after the approval of M.P. Private University Regulatory Commission

### **6.0 MEDIUM OF INSTRUCTION**

The medium of instruction and examination shall be English and Hindi.

7.0 Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining; if necessary, the opinion / advise of a Committee constituted for the purpose. The decision of the Vice-Chancellor shall be final.