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मध्यप्रदेश राजपत्र

प्राधिकार से प्रकाशित

क्रमांक 34]

भोपाल, शुक्रवार, दिनांक 25 अगस्त 2017—भाद्र 3, शक 1939

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) संसद 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 16/17 अगस्त 2017

क्र. 120-सी.सी.-17-अड़तीस.—मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 (1) के अनुक्रम में, आर. के. डी. एफ. निजी विश्वविद्यालय, भोपाल के पश्चातवर्ती अध्यादेश क्रमांक 65 से 71 राज्य शासन के निर्देश के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होगा.

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,
वीरन सिंह भलावी, अवर सचिव.

RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY, BHOPAL**ORDINANCE No. 65 of 2016****MASTER OF DENTAL SURGERY (MDS)**

Title of the Course: Master of Dental Surgery (as per guidelines prescribed by Dental Council of India & State Govt.)

1. AIMS

- 1.1 The Aim of postgraduate training in various specialties in MDS is to train student who will-
 - 1.1.1 Practice respective specialty efficiently and effectively, backed by scientific knowledge and skill.
 - 1.1.2 Exercise empathy and caring attitude and maintain high ethical standards.
 - 1.1.3 Continue to evince keen interest in continuing professional education in the specialty and allied specialties irrespective of whether in teaching or practice.
 - 1.1.4 Willing to share the knowledge and skills with any learner, junior or a colleague.
 - 1.1.5 To develop the faculty for critical analysis and evaluation of various concepts and views, to adopt the most rational approach.

2. OBJECTIVES:

- 2.1 The objective is to train a candidate so as to ensure higher competence in both general and special area of interest and prepare him for a career in teaching, research and specialty practice. A candidate must achieve a high degree of clinical proficiency in the subject matter and develop competence in research and its methodology as related to the concerned Field. The above objectives are to be achieved by the time the candidate completes the course. The objectives may be considered as - Knowledge (Cognitive domain), Skills (Psycho motor domain), Human values, ethical practice and communication abilities.

2.2 KNOWLEDGE:

- 2.2.1 Demonstrate understanding of basic sciences relevant to specialty.
- 2.2.2 Describe etiology, patho-physiology, principles of diagnosis and management of common problems within the specialty in adults and children.
- 2.2.3 Identify social, economic, environmental and emotional determinants in a given case and take them into account for planning treatment.

2.2.4 Recognize conditions that may be outside the area of specialty/ competence and to refer them to an appropriate specialist.

2.2.5 Update knowledge by self study and by attending courses, conferences and seminars relevant to specialty.

2.2.6 Undertake audit, use information technology and carryout research both basic and clinical with the aim of publishing or presenting the work at various scientific gatherings.

2.3. SKILLS:

2.3.1 Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant-tests and interpret them to come to a reasonable diagnosis about the condition.

2.3.2 Acquire adequate skills and competence in performing various procedures as required in the specialty.

2.4. HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES:

2.4.1 Adopt ethical principles in all aspects of practice.

2.4.2 Professional honesty and integrity are to be fostered.

2.4.3 Patient care is to be delivered irrespective of social status, caste, creed or religion of the patient.

2.4.4 Develop communication skills, in particular and skill to explain various options available in management and to obtain a true informed consent from the patient.

2.4.5 Provide leadership and get the best out of his team in a congenial working atmosphere.

2.4.6 Apply high moral and ethical standards while carrying out human or animal research.

2.4.7 Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed.

2.4.8 Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

3. Branches of Study:

The following are the subjects of specialty for the MDS degree:

- a. Prosthodontics and Crown & Bridge
- b. Periodontology
- c. Oral & Maxillofacial Surgery
- d. Conservative Dentistry and Endodontics
- e. Orthodontics & Dentofacial Orthopedics

- f. Oral Pathology & Microbiology
- g. Public Health Dentistry
- h. Paedodontics & Preventive Dentistry
- i. Oral Medicine & Radiology

4. INFRASTRUCTURE

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

5. Eligibility

- 5.1 A candidate for admission to the MDS course (Master of Dental Surgery) must have a. recognized degree of BDS (Bachelor of Dental Surgery) awarded by an Indian University in respect of recognized Dental College under Section 10(2) of the Dentists Act, 1948 or an equivalent qualification recognized by the Dental Council of India and should have obtained permanent registration with the State Dental Council. Candidates not possessing a recognized Dental qualification for the above purpose should secure the prior approval of his qualifications by the Dental Council of India before he can be admitted to the MDS Course of this University.
- 5.2 Candidates who possess PG Diploma recognized by the DCI with the duration of 2 years (proposed) in particular specialty is eligible for admission in MDS in the same specialty and the duration will be 2 years. The syllabus of two years programmed will be as per the Ram krishha Dharmarth Foundation university guidelines.
- 5.3 Provided that in the case of a foreign national, the Dental Council of India may, on payment of the prescribed fee for registration, grant temporary registration for the duration of the postgraduate training restricted to the dental college/ institution of Ram krishha Dharmarth Foundation University to which he is admitted for the time being exclusively for postgraduate studies;
- 5.4 Provided that further temporary registration to such foreign national shall be subject to the condition that such person is duly registered as dental practitioner in his own country from which he has obtained his basic dental qualification and that his degree is recognized by the corresponding dental council or concerned authority.

6. Criteria for Selection for Admission

Students for MDS Course shall be admitted based on policy of statutory Body Such as DCI Rules and Regulations and Government of M. P. Medical Education Department.

- 6.1. Students for MDS course shall be selected strictly on the basis of their academic merit based.
- 6.1.2. The merit as determined by the Common Entrance examination conducted by the Ram krishha Dharmarth Foundation University, Bhopal, any designated

agency approved by the Ram krishha Dharmarth Foundation University, Bhopal or as decided by Statutory Body.

- 6.1.3. The minimum percentage of marks for eligibility for admission to postgraduate Dental Courses shall be 50% for general category candidates and 40% for the candidates belonging to Scheduled Castes and Scheduled Tribes, obtained in Common Entrance examination or as prescribed by Statutory Body/Competent Authority.

7. **Duration of the Course**

The Course shall be of three years duration. All the candidates for the degree of MDS are required to pursue the recommended course for at least three academic years as full time candidates in an institution affiliated to and approved by post graduate studies by Ram krishha Dharmarth Foundation UNIVERSITY, BHOPAL and recognized by the Dental Council of India. The maximum course duration will be Seven years

8. **Method of training**

The training of postgraduate for degree shall be full time with graded responsibilities in the management and treatment of patients entrusted to his/ her care. The participation of the students in all facets of educational process is essential. Every candidate should take part in seminars, group discussions, grand rounds, case demonstration, clinics, journal review meetings, CPC and clinical meetings. Every candidate should participate in the teaching and training programme of undergraduate students. Training should include involvement in laboratory and experimental work, and research studies.

9. **COMMENCEMENT OF COURSE**

MDS course shall commence from 2nd of MAY each year .

10. **TEACHING AND LEARNING ACTIVITIES**

10.1 All the candidates registered for MDS course in various specialties shall pursue the course for a period of three years as fulltime students. During this period each students shall take part actively in learning and teaching activities designed by Ram krishha Dharmarth Foundation University, Bhopal.

10.2 Lecture: There shall be some didactic lecturers in the specialty and in the allied fields. The postgraduate departments should encourage the guest lectures in the required areas to strengthen the training programmes. It is also desirable to have certain integrated lectures by multidisciplinary teams on selected topics.

10.3 Journal club: The journal review meetings shall be held at least once a week. All trainees are expected to participate actively and enter relevant details in logbook. The trainee should make presentations from the allotted journals of selected articles at least 5 times in a year.

10.4 Seminars: The seminars shall be held at least twice a week in each postgraduate department. All trainees are expected to participate actively and enter relevant details in logbook. Each trainee shall make at least 5-seminar presentation in each year.

Symposium: It is recommended to hold symposium on topics covering multiple disciplines.

- 10.6 Clinical postings: Each trainee shall work in the clinics on regular basis to acquire adequate professional skills and competency in managing various cases to be treated by a specialist.
- 10.7 Clinico pathological conference: The clinico-pathological conferences should be held once in a month involving the faculties of oral medicine and radiology, oral pathology and concerned clinical department. The trainees should be encouraged to present the clinical details, radiological and histo-pathological interpretations and participation in the discussions.
- 10.8 Interdepartmental meetings: To bring in more integration among various specialties there shall be interdepartmental meeting chaired by the dean with all heads of postgraduate departments at least once a month.
- 10.9 Teaching skills: All the trainees shall be encouraged to take part in undergraduate teaching programmes either in the form of lectures or group discussions.
- 10.10 Continuing dental education programmes: Each postgraduate department shall organize this programme on regular basis involving the other institutions. The trainees shall also be encouraged to attend such programmes conducted elsewhere.
- 10.11 Conferences/ Workshops/ Advanced courses: The trainees shall be encouraged not only to attend conference/ workshops/ advance course but also to present at least two papers at state/ national specialty meetings during their training period.
- 10.12 Rotation & posting in other departments: To bring in more integration between the specialty and allied fields each postgraduate department shall workout a programme to rotate the trainees in related disciplines.
- 10.13 Dissertation: The Ram krishha Dharmarth Foundation University, Bhopal appreciates the importance of Research activities for the growth of the profession, Institution and trainee students. Therefore preparation of Dissertation based on clinical or research or experimental or any other method of study is one of the criteria for the award of MDS degree.

11. Attendance, Progress and Conduct

A candidate pursuing degree/ diploma course should work in the concerned department of the institution for the full period as a full time student. No candidate is permitted to own a clinic/ work in clinic/ laboratory/nursing home while studying postgraduate course, candidate shall join any other course of study or appear for any other examination conducted by this university or any other university in India or abroad during the period of registration.

Each year shall be taken as a unit for the purpose of calculating attendance.

Every candidate shall attend symposia, seminars, conferences, journal review meetings, grand rounds, CPC, case presentation, clinics and lectures during each year prescribed by the department and not absent himself/ herself from work without reasons.

Every candidate shall have not less than 80 percent of attendance in each year of MDS course. However, candidates should not be absent continuously as the course is a full time.

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12. Monitoring Progress of Studies

- 12.1 Work diary/ Log Book:** Every candidate shall maintain a work diary and record of his/ her participation in the training programme conducted by the department such as journal reviews, seminars, etc. Special mention may be made of the presentations by the candidate as well as details of clinical or laboratory procedures, if any conducted by the candidate. The work diary shall be scrutinized and certified by the Head of the Department and Head of the Institution, and presented in the university practical/ clinical examination.
- 12.2 Periodic tests:** In case of degree courses of three years duration, the concerned Departments may conduct three tests, two of them be annual tests, one at the end first year and the other in the second year. The third test may be held three months before the final examination. The tests may include written papers, practical/ clinical and viva voce. Records and marks obtained in such tests will be maintained by the Head of the Department and sent to the University, when called for.
- 12.3 Records:** Records and marks obtained in tests will be maintained by the Head of the Department and will be made available to the University when called for.

13. DISSERTATION:

- 13.1** Every candidate shall prepare two Dissertations, one based on Review of Literature (LIBRARY DISSERTATION) and second one based on clinical or research or experimental or any other method of study (MAIN/ RESEARCH).
- 13.1.1 Library Dissertation:** It is a process of collection and compiling of data available in already published literature on a given topic. The dissertation work shall be completed before the end of first year.
- 13.1.2 Main / Research Dissertation.**
- 13.1.2.1** Main /Research dissertation shall be based on work / Research done by the candidate under the approved Guide, during the course of study.
- 13.1.2.2** Every candidate pursuing MDS degree course is required to carry out work on a selected research project under the guidance of a recognized post graduate teacher. The results of such a work shall be submitted in the form of a dissertation.
- 13.1.2.3** The dissertation is aimed to train a postgraduate student in research methods and techniques. It includes identification of a problem, formulation of a hypothesis, search and review of literature, getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, comparison of results and drawing conclusions.
- 13.1.2.4** Every candidate shall submit to the Registrar of the University in the prescribed proforma, a synopsis containing

particulars of proposed dissertation work within six months from the date of commencement of the course on or before the dates notified by the University. The synopsis shall be sent through the proper channel.

13.1.2.5 Such synopsis will be reviewed and the dissertation topic will be registered by the University. No change in the dissertation topic or guide shall be made without prior approval of head of the Institution or the University.

13.1.2.6 The dissertation should be written under the following headings:

13.1.2.6.1 Introduction

13.1.2.6.2 Aims or Objectives of study

13.1.2.6.3 Review of Literature

13.1.2.6.4 Material and Methods

13.1.2.6.5 Results

13.1.2.6.6 Discussion

13.1.2.6.7 Conclusion

13.1.2.6.8 Summary

13.1.2.6.9 Bibliography

13.1.2.6.10 Tables

13.1.2.6.11 Annexure

13.1.2.7 The written text of dissertation shall be not less than 50 pages and shall not exceed 200 pages excluding reference, tables, questionnaires and other annexure. It should be neatly typed in double line spacing on one side of paper (Executive size, 7.25" x 10.5") and bound properly. Spiral binding is not permitted. The dissertation shall be certified by the guide, head of the department and head of the Institution.

13.1.2.8 Six copies and one soft copy of dissertation thus prepared and duly certified by the Guide, and HOD shall be submitted to the Registrar, through the Head of the Institution, six months before final examination on or before the dates notified by the University.

13.1.2.9 The dissertation shall be valued by all the four examiners (2 Internal and 2 external) appointed by the University.

13.1.2.10 Approval of dissertation work by all the four examiners in writing is an mandatory precondition for a candidate to be eligible to appear in the University examination, provided further that the candidate fulfills other eligibility requirements of attendance, progress and due clearance.

- 13.1.2.11 If any examiner does not approve the dissertation, examiner shall give in writing the specific reasons for NOT accepting the work.
- 13.1.2.12 Such candidates whose dissertation has not been approved shall, rectify the deficiencies as pointed out by the examiner and submit three copies of new bound dissertation and one soft copy duly approved and signed by the Guide and H.O.D. to the University through HOI, 3 months before commencement of next or subsequent examination.
- 13.1.2.13 University shall get the dissertation valued by the external examiner, preferably the same examiner. After due approval of the dissertation by the examiner, the candidate may be permitted to appear for the Theory, Clinical / Practical examination.

14. **GUIDE:**

- 14.1 The academic qualification and teaching experience required for recognition by the University as a guide for dissertation work shall be as laid down by Dental Council of India and Ram krishha Dharmarth Foundation University, Bhopal.
- 14.2 The Guide for each student in the specialty shall be nominated by the HOI, in consultation with the HOD.
- 14.3 Two students for each Professor and one student for each Reader can be allotted in each academic year. However a guide shall not have under him/her more than six students at a given time,
- 14.4 HOI may nominate if required, a co-guide who shall be a postgraduate teacher in the same specialty in the Institution.
- 14.5 Guides and co-guides shall be approved by the Ram krishha Dharmarth Foundation University, Bhopal.
- 14.6 **CHANGE OF GUIDE :** In the event of a registered guide leaving the institution for any reason or retiring from service, or arising of any unforeseen circumstances, guide may be changed with prior permission from head of the Institution and the University.

15.

UNIVERSITY EXAMINATION

- 15.1 **Eligibility:** The following requirement shall be fulfilled by every candidate to become eligible to appear for the MDS University examination.
- 15.1.1 **Attendance & Progress:** Every candidate shall have attendance and progress in each academic year of the postgraduate course as given in Para 9.
- 15.1.2 **Progress and conduct:** Every candidate shall have participated in seminars, journal review meetings, symposia, conferences, case

presentation, clinics and didactic lectures during each year as designed by the concerned department.

- 15.1.3 Work diary and Logbook: Every candidate shall maintain a work diary and logbook for recording his / her participation in the training programme conducted by the department. The work diary and logbook shall be verified and certified by the Head of the Department and Head of the institution. (Please see SECTION III for Model Checklist and Log book)
- 15.1.4 Dissertation: The approval of Main dissertation by all the four examiners.
- 15.1.5 The certification of satisfactory progress by the head of the department and head of the institution shall be based on (15.1.1), (15.1.2) and (15.1.3) mentioned above.

16. SCHEME OF UNIVERSITY EXAMINATION:

16.1. GENERAL

- 16.1.1 There shall be one examination at the end of 3 years for the students appearing for the first time.
- 16.1.2 The examination consists of Theory (Written), Practical / Clinical and VIVA VOCE
- 16.1.3 The failed candidates shall appear again in supplementary examination, after six months.
- 16.1.4 The main examination shall be held in the month of April each year and supplementary examination shall be held in the month of October each year.
- 16.1.5 There shall be a gap of at least six months between the two examinations (Main, supplementary and subsequent examinations)
- 16.1.6 The failed student shall appear once again in all the parts of University examination (Written, Clinical/Practical and Viva voce).
- 16.1.7 The failed candidate need not prepare new dissertation, if it is approved by the University. However this is applicable to SIX attempts or a maximum of 5 years from the date of first appearance in the examination only.
- 16.1.8 Such students shall apply to the University for permission to carry out the dissertation work again in the Institution. If permitted a fresh dissertation need to be prepared under the Guide approved by the University.

- 16.2 **WRITTEN EXAMINATION:** The written examination shall consist of four papers, out of which two shall be pertaining to the specialty; one in Applied Basic Sciences and one shall be an Essay in the speciality. Each paper shall be of three hours duration.

16.3 CLINICAL / PRACTICAL EXAMINATION

16.3.1 It should aim at examining the clinical skills and competence of candidate for undertaking independent work as a specialist. The actual format of clinical work and minimum number of clinical exercised shall be prescribed by the University to enable the candidate to develop confidence and clinical skill.

16.4 VIVA VOCE EXAMINATION

16.4.1 Viva voce examination shall aim at assessing depth of knowledge, logical reasoning, confidence and verbal communication skills.

16.5 DISTRIBUTION OF MARKS AT THE UNIVERSITY EXAMINATION**16.5.1 PART- A- WRITTEN**

16.5.1.1	Paper-I	Applied Basic subjects	75 marks
16.5.1.2	Paper-II	Concerned specialty	75 marks
16.5.1.3	Paper-III	Concerned specialty	75 marks
16.5.1.4	Paper-IV	Essay on any one topic in concerned specialty (Choice shall be given for the essay)	75 marks

Total:300 Marks

16.5.2 PART-B- Practical/ Clinical & Viva

16.5.2.1 Practical & Clinical Examination : 200 marks

16.5.2.2 Viva-voce : 100 marks

17. THE SCHEME OF TYPE OF QUESTIONS IN WRITTEN PAPERS

17.1 Each paper except Essay paper shall be of 3 hrs duration and shall carry maximum of 75 marks and shall contain questions as mentioned below:

Q.No. I Long essay question- 20 Marks

Q.No. II Long essay question- 20 Marks

Q.No. III Seven short note questions- 5 Marks each

17.2 Fourth ESSAY paper shall be of 3 hrs duration, carrying 75 marks. It shall have two essay topics. The candidate shall answer any one of the two.

17.3 All the written papers shall be valued by all the four examiners and aggregate of average marks in all the written papers shall be computed to determine the result. Pass mark shall be 150 marks out of maximum 300 Marks.

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18. TITLES AND CONTENTS OF WRITTEN PAPERS IN VARIOUS SPECIALITIES:**18.1 Prosthodontics and Crown & Bridge**

Paper- I - Applied Anatomy, physiology, pathology and
Dental Materials

Paper –II - Removable Prosthodontics and Oral Implantology

Paper –III - Fixed Prosthodontics

Paper – IV - Essay

18.2 Periodontology

Paper- I - Applied Anatomy, physiology, Biochemistry,
Pathology and Pharmacology

Paper –II - Etiopathogenesis

Paper –III - Clinical Periodontology and Oral Implantology

Paper – IV - Essay

18.3. Oral & Maxillofacial Surgery

Paper- I - Applied Anatomy, physiology and Pathology

Paper –II - Minor oral Surgery and Trauma

Paper –III - Maxillofacial Surgery and oral Implantology

Paper – IV - Essay

18.4 Conservative Dentistry and Endodontics

Paper- I - Applied Anatomy, Physiology, Pathology and
Dental Materials

Paper –II - Conservative dentistry & Aesthetic Dentistry

Paper –III - Endodontics

Paper – IV - Essay

18.5 Orthodontics & Dentofacial Orthopedics

Paper- I - Applied Anatomy, Physiology, Pathology, Genetics Physical
anthropology & Dental material

पेपर –II - Diagnosis and treatment planning.

Paper –III - Clinical Orthodontics ad Mechanotherapy

Paper – IV - Essay

18.6 Oral Pathology & Microbiology Forensic Odontology

Paper- I - Applied Anatomy, Physiology, Pathology
and Research methodology

Paper –II - Oral pathology, Microbiology and Oncology

Paper –III - Laboratory Techniques and Diagnosis

Paper – IV - Essay

18.7 Public Health Dentistry

Paper- I - Applied Anatomy, Physiology, Pathology
and Research methodology

Paper –II - Public Health

Paper –III - Dental Public Health

Paper – IV - Essay

18.8 Pediatric & Preventive Dentistry

Paper- I - Applied Anatomy, Physiology, Pathology
Microbiology, nutrition and Dietics

Paper –II - Clinical pediatric dentistry

Paper –III - Preventive and community dentistry as applied
to pediatric dentistry

Paper – IV - Essay

18.9 Oral Medicine and Radiology

Paper- I - Applied Anatomy, Physiology, Pathology
and pharmacology

Paper –II - Diagnosis, diagnostic methods and imageology
and Applied Oral Pathology

Paper –III - Oral medicine, therapeutics and laboratory
investigations

Paper – IV - Essay**19. PRACTICAL / CLINICAL EXAMINATION :**

19.1 In case of practical/ Clinical examination, it should be aimed at assessing competence and skills of techniques and procedures, It should also aim at testing student's ability to make relevant and valid observations, interpretation and inference of laboratory or experimental or clinical work relating to his / her subject for undertaking independent work as a specialist. The actual format of clinical examination in various specialties are given below.

19.2 Duration of practical/Clinical examination including VIVA VOCE is minimum of TWO days up to 4 candidates. Duration shall be increased as per the requirement.

19.3 There shall be NO practical examinations in Applied Basic Medical subjects.

19.4 The Maximum marks for practical / clinical examination shall be 200 marks. Exercises and distribution of marks for various clinical / practical exercises in the specialties is mentioned below:

19.5 PROSTHODONTICS, CROWN & BRIDGE

19.5.1 Examination shall be for three days. If there are more than 6 candidates, it may be extended for one more day. Each candidate shall be examined for a minimum of two days, six hours per day including viva voce.

19.5.2 **Presentation of treated patients and records during their 3 years training period – 25 Marks**

- | | | | |
|----|--|---|---------|
| a. | C. D. | - | 1 mark |
| b. | R.P.D. | - | 2 marks |
| c. | F.P.D including single tooth and surface restoration | - | 2 marks |
| d. | Implant Supported Prosthesis. | - | 5 marks |
| e. | Occlusal rehabilitation | - | 5 marks |
| f. | T. M.J. | - | 5 marks |
| g. | Maxillofacial Prosthesis | - | 5 marks |

19.5.3 **Present actual treated patients C. D. Prosthesis and Insertion – 90 Marks**

- | | | | |
|----|---|---|----------|
| a. | Discussion on treatment plan and patient review | - | 10 marks |
| b. | Tentative jaw relation records | - | 5 marks |
| c. | Face Bow – transfer | - | 5 marks |
| d. | Transferring it on articulators | - | 5 marks |
| e. | Extra oral tracing and securing centric and protrusive/ lateral, record | - | 25 marks |
| f. | Transfer in on articulator | - | 5 marks |
| g. | Selection of teeth | - | 5 marks |
| h. | Arrangement of teeth | - | 15 mark |
| i. | Waxed up denture trial | - | 10 marks |
| j. | Fit, insertion and instruction of previous | | |

characterized, anatomic

complete denture prosthesis - 5 marks

All steps will include chair side, lab and viva voce

19.5.4 Fixed Partial Denture – 50 Marks

- a. Case discussion and selection of patients for F.P. D. - 5 marks
- b. Abutment preparation isolation and fluid control - 25 marks
- c. Gingival retraction and impressions - 10 marks
- d. Cementation of provisional restoration - 10 marks

19.5.5 Removable Partial Denture – 35 Marks

Surveying and designing of partial dentate cast - 10 marks

Discussion on components and material selection - 15 marks

Including occlusal scheme.

19.5.6 Viva Voce: 100 Marks

19.5.6.1 Viva-Voce examination : 80 marks

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression, interpretation of data and communication skills. It includes all components of course contents. It include presentation and discussion on dissertation also.

19.5.6.1 Pedagogy Exercise : 20 marks

A topic be given to each candidate in the beginning of clinical examination. He/ She is asked to make a presentation on the topic for 8-10 minutes.

19.6 PERIODONTOLGY

The clinical examination shall be of two days duration

19.6.1 Case discussion

Long case - One

Short case - One

19.6.1.1 Periodontal surgery – Periodontal flap surgery on previously prepared case in one quadrant of the mouth after getting approval from the examiners.

19.6.1.2 Post surgical review and discussion of the case treated on the 1st day

Presentation of dissertation & discussion

19.6.1.3 All the examiners shall participate in all the aspects of clinical examinations/ Viva Voce

19.6.1.4 Distribution of Marks for clinical examination (recommended)

a) Long Case discussion	50
b) 2 Short cases	50
c) periodontal Surgery	75
d) Post – Operative review	25
Total	200

19.6.2 Viva Voce: 100 Marks

19.6.2.1 **Viva-Voce examination: 80 marks**

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression, interpretation of data and communication skill. It includes all components of course contents. It includes presentation and discussion on dissertation also.

19.6.2.2 **Pedagogy : 20 marks**

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

19.7

ORAL & MAXILLOFACIAL SURGERY

19.7.1 **Minor Oral Surgery – 100 Marks**

Each candidate is required to perform the minor oral surgical procedures under local anaesthesia. The minor surgical cases may include removal of impacted lower third molar, cyst enucleation, any similar procedure where students can exhibit their professional skills in raising the flap, removing the bone and suturing the wound.

19.7.2 (a) One long case - 60 marks

(b) Two short cases - 20 marks each

19.7.3 Viva Voce - 100 Marks**19.7.3.1 Viva-Voce examination: 80 marks**

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, and expression interpretation of data and communication skills. It includes all components of courses contents. It includes presentation and discussion on dissertation also.

19.7.3.2 Pedagogy Exercise: 20 marks

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

19.8 CONSERVATIVE DENTISTRY & ENDODONTICS

19.8.1 The duration of Clinical and Viva Voce examination will be 2 days for a batch of four students

19.8.2 Clinical Exercise I - 50 Marks

Cast core preparation

- | | | | |
|-------|-------------------------------------|---|----------|
| (i) | Tooth Preparation | - | 10 marks |
| (ii) | Direct Wax Patter | - | 10 marks |
| (iii) | Casting | - | 10 marks |
| (iv) | Cementation | - | 10 marks |
| (v) | Retraction & Elastomeric Impression | - | 10 marks |

19.8.3 Viva Voce : 100 Marks**19.8.3.1. Viva-Voce examination: 80 marks****19.8.3.2. Pedagogy Exercise: 20 marks**

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

19.9 ORTHODONTICS**19.9.1 Practical / Clinical Examination : 200 Marks****19.9.1.1 Exercise No.: 1 Functional Case : 50 Marks**

Selection of case for functional appliance and recording of construction bite. Fabrication and delivery of the appliance the next day.

19.9.1.2 Exercise No.: 2 multiband exercise : 50 Marks

III stage with auxiliary springs

OR

Bonding of SWA brackets and construction of suitable arch wire.

19.9.1.3 Exercise No. 3 Display of records of the treated cases (minimum of 5 cases) 5 cases X 15 marks = 75 Marks

19.9.1.4 Exercise No. : 4 long case discussions: 25

No.	Exercise	Marks allotted	Approximate Time
1	Functional appliance	50	1 hour
2	III stage mechanics / Bonding and arch wire fabrication	50	1 hr. 30 min.
3	Display of case records (a minimum of 5 cases to be presented with all the cases)	75	1 hour
4	Long cases	25	2 hours

19.9.2 Viva Voce : 100 Marks

19.9.2.1. Viva-voce examination: 80 marks

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, and expression, interpretation of data and communication skills. It includes all components of course contents. It includes presentation and discussion on dissertation als

19.9.2.2. Pedagogy Exercise: 20 marks

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

19.10 ORAL PATHOLOGY & MICROBIOLOGY

19.10.1 Practical / Clinical - 200 Marks

19.10.1.1 Case Presentation

a) Long case – 20 marks

b) Short case – 10 marks

19.10.1.2 Clinical Hematology

(any two investigations) – 20 marks

Hb%, bleeding time, clotting time,

Total WBC count, Differential WBC
count and ESR

19.10.1.3 Smear Presentation - 20 marks

Cytology or microbial smear
and staining

19.10.1.4 Paraffin sectioning and

H & E Staining - 30 Marks

19.10.1.5 Histopathology slide discussion - 100 Marks

19.10.2 Viva Voce 100 Marks**19.10.2.1 Viva-Voce examination: 80 marks**

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression, interpretation of data and communication skills. It includes all components of course contents. It includes presentation and discussion on dissertation also.

19.10.2.2 Pedagogy Exercise: 20 marks

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes

19.11 PUBLIC HEALTH DENTISTRY**19.11.1 Practical / Clinical Examination: 200 Marks**

19.11.1.1 Clinical examination of at least 2 patients representing the community – include history, main complaints, examination and recording of the findings, using indices for the assessment of oral health and presentation of the observation including diagnosis, comprehensive treatment planning.

(50 Marks – 1 ½ Hrs.)

19.11.1.2 Performing

- a One of the treatment procedures as per treatment plan. (Restorative, surgical, rehabilitation)
- b Preventive oral health care procedure.
- c One of the procedures specified in the curriculum

(50 Marks – 1 ½ Hrs.)

19.11.1.3 Critical evaluation of a given research article published in an international journal. (50 Marks – 1 ½ Hrs.)

19.11.1.4 Problem solving – a hypothetical oral health situation existing in a community is given with sufficient data. The student as a specialist in community dentistry is expected to suggest practical solutions to the existing oral health situation of the given community. (50 Marks – 1 ½ Hrs.)

19.11.2 Viva voce: 100 Marks**19.11.2.1 Viva-Voce examination: 80 marks**

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression, interpretation of data and communication skills. IT includes all components of course contents. It includes presentation and discussion on dissertation also.

19.11.2.2 Pedagogy Exercise: 20 marks

A topic is given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

19.12 PEDODONTIA & PREVENTIVE DENTISTRY**19.12.1 Practical Examination: 200 Marks**

The Clinical / Practical and Viva-Voce Examinations are conducted for a minimum of two days.

1st Day**19.12.1.1 Case Discussion, Pulp Therapy i.e. Pulpectomy on a Primary Molar.**

Case Discussion : 20 marks

Rubber Dam application : 10 marks

Working length X-ray : 20 marks

Obturation : 20 marks

Total 70 marks

19.12.1.2 Case Discussion, Crown preparation on a Primary Molar for Stainless steel crown and cementation of the same.

Case Discussion : 10 marks

Crown Preparation : 20 marks

Crown Selection and Cementation : 20 marks

Total 50 marks

19.12.1.3 Case Discussion, band adaptation for fixed type of space maintainer and impression making.

Case Discussion	:	20 marks
Bad adaptation	:	20 marks
Crown Selection and Cementation	:	<u>20 marks</u>
Total		<u>60 marks</u>

19.12.1.4 Evaluation of Fixed Space

Maintainer and Cementation : 20 marks

19.12.2 Viva Voce: 100 Marks

19.12.2.1 Viva-Voce examination: 80 marks

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression, interpretation of data and communication skills. It includes all component of course contents. It includes presentation and discussion on dissertation also.

19.12.2.2 Pedagogy Exercise: 20 marks

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

19.13 ORAL MEDICINE & RADIOLOGY

19.13.1 Practical / Clinical Examination : 200 Marks

19.13.1.2 Clinical Case Presentation

2 Spotters	2 x 10 = 20 Marks
2 Short Cases	2 x 15 = 30 Marks
2 Short Cases	1 x 50 = 50 Marks

Total = 100 Marks

19.13.1.2 Radiology Exercise

A) One Intra Oral Radiograph : 10 Marks

B) One Occlusal Radiograph : 30 Marks

C) Two Extra Oral Radiograph:

2x30=60 Marks

Including technique and interpretation

19.13.2 Viva Voce: 100 Marks

19.13.2.1 Viva- Voce examination: 80 marks

All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach, expression, interpretation of data and communication skills. It includes all components of course contents. It includes presentation and discussion on dissertation also.

19.13.2.2 Pedagogy Exercise: 20 marks

A topic be given to each candidate in the beginning of clinical examination. He/ she is asked to make a presentation on the topic for 8-10 minutes.

3.

20. RE- VALUATION OF ANSWER BOOKS:

There shall be no provision of re-totaling / Revaluation of written and practical/ Clinical papers as the papers are valued by the four expert examiners.

21. CRITERIA FOR DECLARING AS PASS:

To pass in the University examination

21.1 Dissertation should have been approved by the examiners in that year or previous years.

21.2 Shall have secured a minimum of 50% marks in aggregate of all the written papers (150 Marks out of 300 Marks.)

21.3 Shall have secured a minimum of 50% marks in aggregate of Practical / Clinical examination and VIVA examination. (150 Marks out of 300 Marks).

21.4 Candidates passing the MDS examination shall be declared to have passed the examinations in

A) Second class – 50% and above and below 75 % marks in aggregate.

B) First Class – above 75 % of marks in aggregate.

21.5 A candidate who is declared successful in the M.D.S. examination shall be granted a degree of "Master of Dental Surgery" in the specialty.

22. EXAMINERS:

- 22.1 The University examination shall be conducted by a board of four examiners appointed by the University.
- 22.2 The board of four examiners consists of two internal and two external examiners.
- 22.3 One of the internal examiners shall be appointed as chairman of board of studies by the University.
- 22.4 50% of the external examiners shall be from outside the state.

23. QUALIFICATION & EXPERIENCE FOR EXAMINERS:

- 23.1 He/She should possess PG qualification and teaching experience of more than 4 Years after obtaining PG qualification in the same specialty.
- 23.2 No person who is not an active postgraduate teacher in the subject can be appointed as an examiner.
- 23.3 Reciprocal arrangement of Examiners should be discouraged, in that, the Internal Examiner in a Subject should not accept External Examiner ship for a institution from which External Examiner is appointed.
- 23.4 No person shall be an external examiner for the same institution for more than Four consecutive Examinations. However if there is a break of two examinations, the person can be re-appointed in subsequent examinations.

24. CHECK LISTS**24.1 CHECKLIST – 1**

**MODEL CHECKLIST FOR EVALUATION OF JOURNAL
REVIEW PRESENTATIONS**

Name of Trainee:

Date:

Name of Faculty / Observer:

S.No	Items for observation during presentation	Poor	Below Average	Average	Good	Very Good

		0	1	2	3	4
1	Article chosen was					
2	Extent of understanding of scope and objectives of the paper by the candidate					
3	Whether cross references have been consulted.					
4	Whether other relevant publications consulted					
5	Ability to respond to questions on the paper / subject.					
6	Audio – Visual aids used					
7	Ability to defend the paper.					
8	Clarity of presentation.					
9	Any other observation					
	Total Score					

CHECKLIST-2

MODEL CHECKLIST FOR EVALUATION OF SEMINAR PRESENTATIONS

Name of the Trainee :

Date:

Name of the Faculty / Observer :

S.No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Whether other relevant publications consulted.					
2	Whether cross-references have been consulted.					
3	Completeness of Preparation.					

4	Clarity of presentation.					
5	Understanding of subject.					
6	Ability to answer the questions.					
7	Time scheduling.					
8	Appropriate use of Audio – Visual aids.					
9	Overall performance.					
10	Any other observation.					
	Total Score					

24.3. CHECKLIST-3

MODEL CHECKLIST FOR EVALUATION OF CLINICAL WORK IN OPD

(To be completed once a month by respective Unit Heads including posting in other department)

Name of the Trainee :

Date:

Name of the Unit Head :

S.No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Regularity of attendance.					
2	Punctuality.					
3	Interaction with colleagues and supportive staff.					
4	Maintenance of case records.					
5	Presentation of cases.					
6	Investigations work					

	up.					
7	Chair-side manners.					
8	Report with patients.					
9	Over all quality of clinical work.					
	Total Score					

24.4. CHECKLIST- 4**EVALUATION FROM THE CLINICAL CASE PRESENTATION**

Name of the Trainee :

Date:

Name of the Faculty / Observer :

SL. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Completeness of history					
2	Whether all relevant points elicited.					
3	Clarity of presentation.					
4	Logical order.					
5	Mentioned all positive and negative.					
6	Accuracy of general physical examination.					
7	Diagnosis : whether it follows logically from history and findings.					
8	Investigations required.					
	Complete List.					
	Relevant order.					
	Interpretation of investigations.					
9	Ability to react to questioning whether it follows logically from history and findings					
10	Ability to defend diagnosis.					
11	Ability to justify differential diagnosis.					
12	Others.					
	Grand Total					

Note:- Please use a separate sheet for each faculty member.

24.5. CHECKLIST- 5**MODEL CHECK LIST FOR EVALUATION OF TEACHING SKILL**

Name of the Trainee :

Date:

Name of the Faculty / Observer:

SL. No	Items for observation during presentation	Strong Point	Weak Point
1	Communication of the purpose of the talk		
2	Evokes audience interest in the subject.		
3	The introductions.		
4	The sequence of ideas.		
5	The use of practical example and / or illustrations.		
6	Speaking style (enjoyable, monotonous, etc. Specify)		
7	Attempts audience participation.		
8	Summary of the main points at the end.		
9	Asks questions.		
10	Answers questions asked by the audience.		
11	Rapport of speaker with his audience.		
12	Effectiveness of the talk		
13	Uses AV Aids appropriately.		

24.6. CHECKLIST- 6**MODEL CHECK LIST FOR DISSERTATION PRESENTATION**

Name of the Trainee: _____

Date: _____

Name of the Faculty / Observer: _____

S.No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Interest shown in selecting topic.					
2	Appropriate review.					
3	Discussion with guide and other faculty.					
4	Quality of protocol.					
5	Preparation of Proforma					
	Total Score					

24.7. CHECKLIST- 7**CONTINUOUS EVALUATION OF DISSERTATION WORK BY GUIDE / CO-GUIDE**

Name of the Trainee :

Date:

Name of the Faculty / Observer :

SL. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Periodic consultation with guide / co-guide.					
2	Regular collection of case material					
3	Depth of analysis/ Discussion.					
4	Department presentation of findings.					
5	Quality of final output.					
6	Others					
	Total Score					

24.8. CHECKLIST- 8**OVERALL ASSESSMENT SHEET**

Date:

SL. No.	Faculty Member	Name of trainee and Mean Score									
		A	B	C	D	E	F	G	H	I	J
1											
2											
3											
4											
5											
6											

Signature of HOD

Signature of Principal

The above overall assessment sheet used along with the logbook should form the basis for certifying satisfactory completion of course of study, in addition to the attendance requirement.

KEY:

Faculty member : Name of the faculty doing the assessment.

Mean score : Is the sum of all the scores of checklist 1 to 7.

A, b, : Name of the trainees.

25.0 LOG BOOK

The proforma of tables are given below.

25.1. TABLE 1**ACADEMIC ACTIVITIES ATTENDED**

Name:

Admission Year:

College:

Date	Type of activity Specify Seminar, Journal club, presentation, UG teaching	Attended / Participated

25.2. TABLE 2**ACADEMIC PRESENTATIONS MADE BY THE TRAINEE**

Name:

Admission Year:

College:

Date	Topic	Type activity Specify Seminar, Journal club, presentation, UG teaching etc.

25.3. TABLE 3:

DIAGNOSTIC AND OPERATIVE PROCEDURES PERFORMED

Name:

Admission Year:

College:

Date	Name	OP. No.	Procedure	Category O, A, PA, PI

Key:

- O - Washed up and observed-Initial 6 months of admission.
- A - Assisted a more senior surgeon – I year MDS
- PA - Performed procedure under the direct supervision of a senior surgeon – II year MDS.
- PI - Performed independently – III year MDS

26. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of academic year & nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance & the amended Ordinance, if any shall apply to all the students, whether old or new.
27. 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 Departments/ Institutions/ Schools. Which will not be contradictory to the DCI regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.
28. The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh/Central government of India
29. 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.
30. The medium of Instruction and Examination shall be English.

RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,**Ordinance No. 66 of 2016****BACHELOR OF AYURVEDIC MEDICINE & SURGERY (B.A.M.S)**

The programme shall be governed by the norms, rules and guidelines of the concerned council the Central Council regulatory of Indian Medicine, New Dehli and the policies of Government of Madhya Pradesh/Government of India.

1. **Definition & Duration:** The duration of the programme of instruction for the degree of Ayurvedacharya (Bachelor of Ayurvedic Medicine & Surgery) shall be Four Year and Six Months, followed by compulsory rotating internship for one year and maximum course duration will be eleven years.

This period of Four Year and Six Months will be divided as follows:-

Ist Professional	12 month
IInd Professional	12 month
IIIrd Professional	12 month
Final Professional	18 months
Compulsory Rotatry Internship	12 months

2. **Admission**

- 2.1 **Eligibility:** A candidate who attains the age of 17 years or more on or before 31stDecember of the year and has passed:

- i) 10+2 examination from the MP Board of School Education, with at least 50% marks in aggregate of Physics, Chemistry & Biology for unreserved category and 40% marks for reserve category students.

OR

- ii) An examination of any other University / Board recognized by state govt. as equivalent there towith at least 50% marks in aggregate of Physics, Chemistry & Biology.
- iii) English should be essentially a subject in 10+2 examination.
- iv) The intake of seats will be made as per provisions of concerned council the Central Council regulatory of Indian Medicine, New Delhi and as approved by Govt. of India

3. **Procedure:** Students for BAMS Course shall be admitted as decided by Board of Management of the University which should be as per directive/guideline of Regulatory body the Central Council regulatory of Indian Medicine, New Dehli. 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 the Central Council regulatory of Indian Medicine, New Dehli. 11

4. **Examination:**

- 4.1 The examination shall be open to a person whose name is submitted to the Registrar/Controller of Examination by the Principal of the College provided that the Principal of the College certifies that the candidate has attended not less than 75% of the full course of lectures delivered in each subject 85% of the period assigned to practical work in each subject (the lectures & practical work shall be counted up to 21 days before the commencement of the examination);
- 4.2 The examination shall be held according to the syllabus prescribed by central council of Indian Medicine New Delhi and adopted by the University for regular students. Provided that the syllabus for candidates for the compartment examination shall be the same as was in force in the last Annual Examination.
- 4.3 Number of Papers teaching hours and Marks for Theory / Practical are as below:-

Name of the subject	Number of hours of Teaching			Details of Maximum Marks			
	Theory	Practical	Total	Number of Papers	Theory	Practical	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ist Professional							
PadarthVigyanevam AyurvedkaItihas	100	--	100	Two	200	--	200
Sanskrit	200	--	200	One	100	--	200
KriyaSharir (Physiology)	200	200	400	Two	200	100	100
RachnaSharir (Anatomy)	300	200	500	Two	200	100	300
MaulikSiddhantevam AshtangHridaya (Sutra Sthan)	150	--	150	One	100	--	100
IInd Professional							
DravyagunaVigyan	200	200	400	Two	200	200	400
AgadtantraVyavharAyurved evamVidhiVaidyaka.	200	100	300	Two	100	50	150
Rasashastra Exam BhaishajyaKalpana Part-I	200	200	400	Two	200	200	400
Charak-Samhitra (Puravardh)	200	--	200	One	100	--	100
IIInd Professional							
RogaNidan Exam VikritiVigyan	200	100	300	Two	200		300
SwasthaVritta& Yoga	200	100	300	Two	200	100	300

Shreya

Prasuti&Striroga	200	100	300	Two	200	100	300
Bal Roga	100	100	200	One	100	50	150
Charak Samhita (Uttarardh)	200	--	200	One	100	--	100
Final Professional							
Kayachikitsa	300	200	500	Two	200	100	300
Panchakarma	100	200	300	One	100	50	150
Shalya Tantra	200	150	350	Two	200	100	300
Shalakya Tantra	200	150	350	Two	200	100	300
Reasearch Methodology & Medical – Statistics	50	--	50	One	50	--	50

NOTE: The period of theory and practical shall not be less than 60 minutes (one hour). The duration of the practical of clinical subjects and Rachna Sharir (Dissection) shall be of at least 120 minutes (Two hours).

5.1 FIRST PROFESSIONAL EXAMINATION:

- The first professional examination shall be at the end of one academic year of first professional session. The first professional session will ordinarily start in July.
- The first professional examination shall be held in the following subjects :-
 - PadarthVigyanevamAyurvedkaltihas
 - Sanskrit
 - KriyaSharir (Physiology)
 - RachnaSharir (Anatomy)
 - MaulikSiddhantevamAshtangHridaya (Sutra Sthan).
- A student failed in not more than two subjects shall be held eligible to keep the terms for thesecond professional Courses, however he/she will not be allowed to appear for second professionalexamination unless he/she passes in all the subjects of the first professional.

5.2 SECOND PROFESSIONAL EXAMINATION:

- The Second professional session shall start every year in the month of July following completion ofFirst Professional examination.
- The second professional examination shall be ordinarily held and completed by the end of monthof May/June every year after completion of one year of Second Professional session.
 - DravyagunaVigyan (Pharmacology and MateriaMedica)
 - Rasashastra -1BhaishajyaKalpana (Pharmaceutical Science)
 - Agad Tantra VyavharAyurvedevamVidhiVaidyaka (Toxicology and Medical Jurisprudence)
 - Charak- Puravardh

- c A student failed in not more than two subjects shall be held eligible to keep the terms for the third professional examination, however he/she will not be allowed to appear for third professional examination unless he/she passes in all the subjects of second professional examination.

5.3 THIRD PROFESSIONAL EXAMINATION:

- a) The Third Professional session shall start every year in the month of July following completion of second professional Examination.

- b) The Third Professional examination shall be ordinarily held and completed by the end of the month of May/June every year after completion of one year of third professional session.

1. Roga Nidan Vikriti Vigyan (Pathology & Microbiology)

2. Charak Samhita Uttarardh

3. Swastha Vritta & Yoga (Preventive and Social Medicine & Yoga)

4. Prasuti & Striroga (Gynaecology & Obstetrics)

5. Bal Roga (Paediatrics)

- (a) A Student failed in not more than two subjects shall be held eligible to keep the terms for the final professional examination, however he/she will not be allowed to appear for final professional examination unless he/she passes in all the subjects of Third Professional examination.

5.4 FINAL PROFESSIONAL EXAMINATION:

- a) The final professional session will be of 1 and 1/2 year duration and shall start every year in the month of July following completion of Third professional Examination. The Final professional examination shall be ordinarily held and completed by the end of month of Oct./Nov. every year after completion of one and half year of final professional examination.

- b) Final professional examination shall comprise of the following subjects :-

1. Shalya Tantra (General Surgery)
2. Shalakyata Tantra (Diseases of Head & Neck including Ophthalmology, ENT and Dentistry)
3. Kayachikitsa (Internal Medicine) - including Manas Roga, Rasayan & Vajkarana).
4. Panchakarma
5. Research Methodology & Medical -1 statistics.

6. Examination Fee:

The examination fee to be paid by a candidate shall be as per University norms for each examination.

7. Evaluation:

The minimum marks required to pass in each subject shall be 50% (written & practical separately).

- 7.1 The final results shall be declared after taking into account the marks obtained by the candidate in all the examination & candidates who obtain more than 75% marks and passed in the first attempt all the examinations within the normal period of instructions shall be declared to have passed with distinction.

- 7.2 Every successful candidate shall be granted a Certificate-cum detail marks card of each examination. Marks obtained in each subject shall be supplied to unsuccessful candidates also. Provided that a candidate who qualifies all the four and half Year

examinations of Ayurvedacharya will be issued a Degree of Ayurvedacharya (Bachelor of Ayurvedic Medicine & Surgery) B.A.M.S after completion of internship

- 7.3 Every candidate on passing the Ayurvedacharya (Bachelor of Ayurvedic Medicine & Surgery) course of studies shall be required to, undergo compulsory rotatory internship training for a period of one year as under before the degree of Ayurvedacharya (Bachelor of Ayurvedic Medicine & Surgery) is conferred upon his /her.

Departments (1)	Distribution of Six Months (2)	Distribution of Twelve months (3)
1. Kayachikitsa	2 Months	4 Months
2. Shalya	1 Month	2 Months
3. Shalkya	1 Month	2 Months
4. Prasuti Tantra & StriRoga	1 Month	2 Months
5. Kaumarbhritya	15 Days	1 Month
6. Panchkarma	15 Days	1 Month

Six months training of interns will be carried out with an object to orient and acquaint the intern with National health program. The intern will have to join in one of the following institute for undertaking such training.

- Primary Health Centre
- Community Health Centre/ District Hospital
- Any Hospital of Modern Medicine.
- Any Ayurved Hospital or Dispensary

All the above centers (a,b,c and d) will have to be recognized by the concerned University and concerned Govt. designated authority for taking such a training.

NOTE: Internship will start after the declaration of final year B.A.M.S examination result and Registration of Madhya Pradesh Ayurveda Unani Chikitsa Board, Bhopal.

- Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of academic year & nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance & the amended Ordinance, if any shall apply to all the students, whether old or new.
- 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 Departments/ Institutions/ Schools. Which will not be contradictory to the CCIM regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.
- The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh/Central government of India.
- 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.
- The medium of Instruction and Examination shall be English.

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,
BHOPAL**

ORDINANCE No. 67 of 2016

**BACHELOR OF SCIENCE IN MEDICAL LABORATORY TECHNOLOGY (BMLT)
3 YEAR DEGREE COURSE**

1.0 AIMS AND OBJECTIVES

1.1 AIMS

1.1.1 To provide skilled professionals who will be able to work in a variety of laboratory settings.

1.1.2 To provide students with an overview of various medical laboratory procedures.

1.2 OBJECTIVES

1.2.1 To impart adequate theoretical and practical knowledge in basic Medical Laboratory Sciences.

1.2.2 To perform routine and special laboratory investigations.

1.2.3 To introduce quality control system in laboratory.

2.0 COURSE STRUCTURE

2.1 The Degree in Medical Laboratory Technology of 3 years (Three academic years) course here in after called 3 year degree course shall be designated as Bachelor of Medical Laboratory Technology, in short BMLT. The programme shall be governed by the norms, rules and guidelines of the concerned council M.P. Paramedical Council, Bhopal and the policies of Government of Madhya Pradesh.

2.2 Duration of the course : The Bachelor of Medical Technology (Laboratory) is a three year regular degree course, named below :

- a. B.Sc. MLT- 1 year
- b. B.Sc, MLT- II year
- c. B.Sc. MLT- III year

2.3 Each academic year shall consist of 240 teaching days.

2.4 The Student admitted in BMLT, course shall have to complete the course within the maximum permissible duration of 6 years, from the date of admission.

3.0 ACADEMIC QUALIFICATION & SELECTION CRITERIA FOR ADMISSION

3.1 Admission to the First year-in B.Sc. in Medical Laboratory Technology degree course shall be 10+2 system of education in science group or equivalent examination with Chemistry, Physics & Biology, as main subjects conducted by a recognized Board/Council/ University with minimum of 40% marks.

3.2 Vocational Subjects like Bio-technology, MLT, Fisheries, Dietetics, Live Stock and Poultry etc in substitution for Biology shall be also considered for eligibility.

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

3.4 Selection Criteria: The admission in B.Sc. MLT- First Year shall be based on the merit of the qualifying examination.

Or

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

3.5 On admission, every candidate shall have to get fitness certificate from SRNKMMCHRC Hospital, for physical fitness.

4.0 COMMENCEMENT OF COURSE

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

5.0 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 throughout the course of the study.

5.1 Attendance

5.1.1 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.

5.1.2 The total lecture and practical shall be conducted as per scheme and syllabus given in subsequent section.

5.2 Sessional Examinations

Three Sessional Examination shall be conducted for each subject, separately for theory and practical.

5.3 Internal Assessment

The internal assessment for each subject of each academic year shall carry 100 marks.

5.4 University Examination; Theory & Practical

5.4.1 Written Examination

a. The Main Examination shall be held on yearly basis for all the three years respectively.

b. There shall be 2 University Examination in a year: Main examination in May/June and Supplementary Examination (II examination) in October/November. The succeeding examination shall be held within 6 months.

5.5 Appointment of the Examiners/ Question Paper Setters

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

5.5.1 For Theory paper setting one examiner will be an External, minimum an Assistant Professor with 3 years teaching experience in the concerned subject.

5.5.2 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 years teaching experience in the concerned subject.

5.5.3 The External Examiner shall be the subject expert from outside the University having Masters/ Post Graduate qualification in the concerned subject with minimum 3 years teaching experience.

5.5.4 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.

5.6 **Criteria for Passing**

in each subject/head (theory and practical);

5.6.1 In all the University examinations, the candidates shall have to obtain 50% marks separately in theory plus internal assessment and practical plus viva voce examination.

5.6.2 Each theory paper and practical will be treated as separate subject/ head for the passing.

5.6.3 The student shall carry over two subjects from one year to the following year and must pass in the fail subject before appearing in the next year examination. The Student shall carry two subjects from first year to second year as well as second year to third year and must pass in the fail subjects before appearing the next year examination.

5.7 **Division and Merit List**

5.7.1 The Division shall be awarded after Annual University Examination in each academic year and shall be based on the aggregated marks obtain by the candidates at his/ her successful attempt in annual University examination.

There shall be Divisions as follows:

Distinction: 75% and above of grand total marks in First attempt.

First Division: >60% and <75% of grand total marks in First attempt.

Second Division: >50% and <60% of grand total marks in First attempt.

Distinction in individual subject: >75% marks in individual subject shall be indicated exclusively in the mark sheet provided First attempt.

- 5.7.2 The merit shall be declared by the University after the final year University examination, on the basis of the aggregate marks of all academic years in University examination. The merit list shall include the first ten candidates securing at least First Division and passing all the appeared subjects in annual examination in first attempt.

5.8 Three Months Compulsory Rotatory Clinical Training

For BMLT III year students, three months Compulsory Rotatory 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.

For this exercise the students may require to spend three months in rotation with at-least four following labs:

- a. Clinical Biochemistry Lab
- b. Clinical Microbiology Lab
- c. Pathology and/ or Haematology Lab
- d. Blood Banking The Laboratory training

The Laboratory should cover the following terms:

The recognized laboratory shall require experts with BMLT qualification, for the guidance of the students. Student: Technician ratio wilt be 1:5.

- a. Student seeking training outside the campus must obtain a MCC from the HOI prior to the program.
- b. Minimum 50-70. hrs is mandatory for each of the above mention Laboratories.
- c. Student should obtain Training Certificate with the duration from the concerned Hospital/ Laboratory. Same should be submitted to the-Institute for qualifying III year University Examination.
- d. Any absenteeism misconduct, poor performance etc may require extension the program on the recommendation of the HOD.

6.0 REVALUATION / RE-TOTALING

- 6.1 Student may apply for Re-evaluation and/or Re-totaling of the answer sheet of the appeared subjects, post result for any doubt in the marks obtained on the following criteria:

- 6.1.1 Student may go for all the appeared subjects of that session for Re-evaluation as well as Re-totaling simultaneously, within stipulated time, as prescribed by the University.

7.0 CANCELLATION OF ADMISSION

- 7.1 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:

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

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

7.1.3 He/She is found involved in serious breach of discipline in the institution or in the University campus.

- 8.0 Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of academic year & nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance & the amended Ordinance, if any shall apply to all the students, whether old or new.

- 9.0 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 Departments/ Institutions/ Schools. Which will not be contradictory to the MPPC regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.

- 10.0 The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh/Central government of India.

- 11.0 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.

- 12.0 The medium of Instruction and Examination shall be English.

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,
BHOPAL**

ORDINANCE No. 68 of 2016

**DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (DMLT)
2 YEAR DIPLOMA COURSE**

1.0 AIMS AND OBJECTIVES

1.1 AIMS

- 1.1.1 To provide skilled professionals who will be able to work in a variety of laboratory settings.
- 1.1.2 To provide students with an overview of various medical laboratory procedures.

1.2 OBJECTIVES

- 1.2.1 To impart adequate theoretical and practical knowledge in basic Medical Laboratory Sciences.
- 1.2.2 To perform routine and special laboratory investigations.

2.0 COURSE STRUCTURE

- 2.1** The Diploma in Medical Laboratory Technology of 2 years (Two academic years) course here in after called 2 year diploma course shall be designated as Diploma in Medical Laboratory Technology, in short DMLT. The programme shall be governed by the norms, rules and guidelines of the concerned council M.P. Paramedical Council, Bhopal and the policies of Government of Madhya Pradesh.
- 2.2** **Duration of the course:** Diploma in Medical Laboratory Technology is a two year regular diploma course, named below:
 - DMLT- I year
 - DMLT - II year
- 2.3** Each academic year shall consist of 240 teaching days.
- 2.4** The Student admitted in DMLT course shall have to complete the course within the maximum permissible duration of 4 years, from the date of admission.

3.0 ACADEMIC QUALIFICATION & SELECTION CRITERIA FOR ADMISSION

- 3.1** Admission to the First year in Diploma in Medical Laboratory Technology course shall be 10+2 system of education in science group or equivalent with Chemistry, Physics & Biology, as main subjects conducted by a recognized Board/Council/ University with minimum of 40% marks.
- 3.2** Vocational Subject like Bio-technology, MLT, Fisheries, Dietetics, Live Stock and Poultry etc in substitution for Biology shall also be considered for Eligibility.
- 3.3** The candidate should have completed minimum of 17 years of age on/before 31st December of the concerned academic session.
- 3.4** Selection Criteria: The admission in DMLT- First Year shall be based on the merit of the qualifying examination.

or

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

- 3.5 On admission, every candidate shall have to get fitness certificate from SRNKMMCHRC Hospital, for physical fitness.

4.0 COMMENCEMENT OF COURSE

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

5.0 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 throughout the course of the study.

5.1 Attendance

5.1.1 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.

5.1.2 The total lecture and practical shall be conducted as per scheme and syllabus given in subsequent section.

5.2 Sessional Examinations

Three Sessional Examination shall be conducted for each subject, separately for theory and practical.

5.3 Internal Assessment

The internal assessment for each subject of each academic year will carry 25 marks.

5.4 University Examination; Theory & Practical

5.4.1 Written Examination

- The main Examination shall be held on yearly basis for all the two years respectively.
- There shall be 2 University Examination in a year: Main examination in May/June and Supplementary Examination (II examination) in October/ November. The succeeding examination shall be held within 6 months.

5.5 Appointment of the Examiners/ Question Paper Setters

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

- 5.5.1 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.
- 5.5.2 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.
- 5.5.3 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.
- 5.5.4 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.

5.6 Criteria for Passing

In each subject/head (Theory and Practical);

- 5.6.1 In all the University examinations, the candidates shall have to obtain 50% marks separately in Theory plus Internal assessment plus Viva voce and Practical examination.
- 5.6.2 Each Theory paper and Practical will be treated as separate subject/ head for the passing.
- 5.6.3 The student shall carry over one subject from one year to the following year and must pass in the fail subject before appearing in the next year examination. The Student shall carry one subject from first year to second year and must pass in the fail subjects before appearing the next year examination.

5.7 Division and Merit List

- 5.7.1 The Division shall be awarded after Annual University Examination in each academic year and shall be based on the aggregate marks obtained by the candidates at his/ her successful attempt in Annual University Examination. There shall be Divisions as follows:

Distinction: 75% and above of grand total marks in First attempt.
First Division: >60% and <75% of grand total marks in First attempt
Second Division: >50% and <60% of grand total marks in First attempt
Distinction in individual subject: >75% marks in individual subject shall be indicated exclusively in the mark sheet provided First attempt.

- 5.7.2 The merit shall be declared by the University after the final year University examination, on the basis of the aggregate marks of all academic years in University examination. The merit list shall include the first ten candidates securing at least First Division and passing all the appeared subjects in annual examination in first attempt.

5.8 Three Months Compulsory Rotatory Clinical Training

For DMLT II year students, Three months Compulsory Rotatory 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.

For this exercise the students may require to spend Three months in rotation with at-least Four following labs:

- a. Clinical Biochemistry Lab
- b. Clinical Microbiology Lab
- c. Pathology and/ or Haematology Lab
- d. Blood Banking

The Laboratory training should cover the following terms:

- a. The recognized laboratory shall require experts with BMLT qualification, for the guidance of the students. Student: Technician ratio will be 1:5.
- b. Student seeking training outside the campus must obtain a NOC from the HOD prior to the program.
- c. Minimum 100 hrs is mandatory for each of the above mention Laboratories.
- d. Student should obtain training completion certificate with the duration from the concerned Hospital/ Laboratory. Same should

be submitted to the parent institute for qualifying II year University Examination.

- e. Any absenteeism, misconduct, poor performance etc may require the extension of the program on the recommendation of the HOD.

6.0 REVALUATION / RE-TOTALING

6.1 Student may apply for Re-evaluation and/or Re-totaling of the answer sheet of the appeared subjects, post result for any doubt in the marks obtained on the following criteria:

- 6.1.1 Student may go for all the appeared subjects of that session for Re-evaluation as well as Re-totaling simultaneously, within stipulated time, as prescribed by the University.

7.0 CANCELLATION OF ADMISSION

7.1 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:

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

- 7.1.2 He/ she is found to have produced false/ forged documents or found to have used unfair means to secure admission.

- 7.1.3 He/She is found involved in serious breach of discipline in the institution or in the University campus.

8. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of academic year & nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance & the amended Ordinance, if any shall apply to all the students, whether old or new.

9. 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 Departments/ Institutions/ Schools. Which will not be contradictory to the MPPC regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.

10. The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh/Central government of India.

11. 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.

12. The medium of Instruction and Examination shall be English.

**RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY,
BHOPAL**

ORDINANCE No. 69 of 2016

DIPLOMA IN DIALYSIS TECHNICIAN (DDT)

2 YEAR DIPLOMA COURSE

1.0 AIMS AND OBJECTIVES

1.1 AIMS

To provide skill oriented training to the students and thus to provide skilled technicians who will be able to work in various dialysis unit.

1.2 OBJECTIVES

1.2.1 To impart adequate theoretical and practical knowledge required for dialysis technician.

1.2.2 To enable the student to perform various dialysis techniques and general care to prevent the complications.

2.0 COURSE STRUCTURE

2.1 The Diploma in Dialysis Technician of 2 years (Two academic years) course here in after called 2 year diploma course shall be designated as Diploma in Dialysis Technician, in short DDT. The programme shall be governed by the norms, rules and guidelines of the concerned council M.P. Paramedical Council, Bhopal and the policies of Government of Madhya Pradesh.

2.2 **Duration of the course:** Diploma in Dialysis Technician is a two year regular diploma course, named below:

DDT- I year

DDT - II year

2.3 Each academic year shall consist of 240 teaching days.

2.4 The Student admitted in DDT course shall have to complete the course within the maximum permissible duration of 4 years, from the date of admission.

3.0 ACADEMIC QUALIFICATION & SELECTION CRITERIA FOR ADMISSION

3.1 Admission to the First year in Diploma in Dialysis Technology diploma course shall be 10+2 system of education in science group or equivalent examination with Chemistry, Physics & Biology, as main subjects conduct by a recognized Board/Council/ University with minimum of 40% Marks.

3.2 Vocational Subject like Bio-technology, MLT, Fisheries, Dietetics, Live Stock and Poultry etc. in substitution for Biology shall be also considered for eligibility.

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

3.4 Selection Criteria: The admission in DDT- First Year shall be based on the merit of the qualifying examination.

Or

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

3.5 On admission, every candidate shall have to get fitness certificate from SRNKMMCHRC Hospital, for physical fitness.

4.0 COMMENCEMENT OF COURSE

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

5.0 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 throughout the course of the study.

5.1 Attendance

5.1.1 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.

5.1.2 The total lecture and practical shall be conducted as per scheme and syllabus given in subsequent section.

5.2 Sessional Examinations

Three Sessional Examination shall be conducted for each subject, separately for theory and practical.

5.3 Internal Assessment

The internal assessment for each subject of each academic year will carry 25 marks.

5.4 University Examination; Theory & Practical**5.4.1 Written Examination**

a. The Main Examination shall be held on yearly basis for all the two years respectively.

b. There shall be 2 University Examination in a year: Main examination in May/June and Supplementary Examination (II examination) in October/ November. The succeeding examination shall be held within 6 months.

5.5 Appointment of Examiners/Question Paper Setters

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

5.5.1 For Theory paper setting and valuation one Examiner shall be required, who may be an Internal or External, minimum an Assistant Professor with 1 year teaching experience in the concerned subject.

5.5.2 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 1 year teaching experience in the concerned subject.

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

5.5.4 The Faculty of the Subject/ H01 with minimum 1 year of teaching experience shall be the Internal-Cum-Convener examiner for the examinations.

5.6 Criteria for Passing

In each subject/head (Theory and Practical);

5.6.1 In all the University examinations, the candidates shall have to obtain 50% marks separately in Theory plus Internal assessment plus Viva voce and Practical examination.

5.6.2 Each Theory paper and Practical will be treated as separate subject/ head for the passing.

5.6.3 The student shall carry over one subject from one year to the following year and must pass in the fail subject before appearing in the next year examination. The Student shall carry one subject from first year to second year and must pass in the fail subjects before appearing the next year examination.

5.7 Division and Merit List

5.7.1 The Division shall be awarded after Annual University Examination in each academic year and shall be based on the aggregate marks obtained by the candidates at his/ her successful attempt in Annual University Examination.

There shall be Divisions as follows:

Distinction: 75% and above of grand total marks in First attempt.

First Division: >60% and <75% of grand total marks in First attempt.

Second Division: >50% and <60% of grand total marks in First attempt.

Distinction in individual subject: >75% marks in individual subject shall be indicated exclusively in the mark sheet provided First attempt.

5.7.2 The merit shall be declared by the University after the final year University examination, on the basis of the aggregate marks of all academic years in University examination. The merit list shall include the first ten candidates securing at least First Division and passing all the appeared subjects in annual examination in first attempt.

5.8 Two Months Compulsory Rotatory Clinical Training

For DDT II year students, Two months Compulsory Rotatory Clinical Training shall be compulsory as a part of partial completion of the course. The training shall be undertaken in a fully equipped Dialysis Unit with minimum 5 bedded.

For this exercise the students may require to spend Two months in rotation in the Dialysis Unit, In-Patient wards, ICU (for PD) etc.

The Dialysis training should cover the following terms:

- a. The recognized dialysis unit shall require an MD/ DM Nephrologists with DDT qualification technician, for the guidance of the students. Student: Technician ratio will be 1:5.
- b. Student seeking training outside the campus must obtain a NOC from the t-101 prior to the program.

- c. Minimum 60 hrs is mandatory for each of the above mention unit and wards.
- d. Student should obtain Training Completion Certificate with the duration from the concerned Hospital/ Dialysis Unit. Same should be submitted to the institute for qualifying II year University Examination.
- e. Any absenteeism, misconduct, poor performance etc may require the extension of the program on the recommendation of the HOD.

6.0 REVALUATION / RE TOTALING

- 6.1 Student may apply for Re-evaluation and/or Re-totaling of the answer sheet of the appeared subjects, post result for any doubt in the marks obtained on the following criteria:
 - 6.1.1 Student may go for all the appeared subjects of that session for Re-evaluation as well as Re-totaling simultaneously, within stipulated time, as prescribed by the University.

7.0 CANCELLATION OF ADMISSION

- 7.1 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:
 - 7.1.1 He/ She is not found qualified as per MP Paramedical Council norms and guidelines or the eligibility criteria prescribed by the University.
 - 7.1.2 He/ she is found to have produced false/ forged documents or found to have used unfair means to secure admission.
 - 7.1.3 He/She is found involved in serious breach of discipline in the institution or in the University campus.

8. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the Ordinance in force at the time a student joins the course shall hold good only for the examination held during or at the end of academic year & nothing in this Ordinance shall be deemed to debar the University from amending the Ordinance & the amended Ordinance, if any shall apply to all the students, whether old or new.
9. 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 Departments/ Institutions/ Schools. Which will not be contradictory to the MPPC regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.
10. The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh/Central government of India.
11. 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.
12. The medium of Instruction and Examination shall be English.

RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY**ORDINANCE No. 70/2016****DOCTOR OF PHARMACY [Pharm.D.]**

The programme shall be governed by the norms, rules and regulations of the concerned council i.e., Pharmacy Council of India, New Delhi, the policies of Government of Madhya Pradesh/Government of India and amendments therein.

1. **Doctor of Pharmacy (Pharm.D.):** Pharm.D. shall consist of a certificate, having passed the course of study and examination as prescribed in these regulations, for the purpose of registration as a pharmacist to practice the profession under the Pharmacy Act, 1948.

2. **Duration of the course:**

a) **Pharm.D:** The duration of the course shall be six academic years (five years of study and one year of internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of six years duration is divided into two phases – Phase I – consisting of First, Second, Third, Fourth and Fifth academic year. Phase II – consisting of internship or residency training during sixth year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services and acquires skill under supervision so that he or she may become capable of functioning independently.

b) **Pharm.D. (Post Bacculaureate):** The duration of the course shall be for three academic years (two years of study and one year internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of three years duration is divided into two phases – Phase I – consisting of First and Second academic year. Phase II – consisting of Internship or residency training during third year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services, and acquires skill under supervision so that he or she may become capable of functioning independently.

3. **Minimum qualification for admission to –**

- (a) **Pharm.D. Part-I Course –** A pass in any of the following examinations –

1. 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects: Mathematics or Biology.
2. A pass in D.Pharm course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.
3. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

Provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course.

Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.

- (b) **Pharm.D. (Post Bacculaureate) Course –** A pass in B.Pharm from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act:

Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions

issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.

4. Number of admissions in the above said programmes shall be as prescribed by the Pharmacy Council of India from time to time.
5. **Course of study.** – The course of study for Pharm.D. shall include the subjects as given in the Tables below. The number of hours in a week, devoted to each subject for its teaching in theory, practical and tutorial shall not be less than that noted against it in columns (3), (4) and (5) below.

TABLES

First Year :

S. No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
Total hours		16	18	6 = (40)

* for Biology

Second Year:

S. No	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
Total Hours		17	9	6 = 32

Third Year:

S. No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
3.1	Pharmacology-II	3	3	1
3.2	Pharmaceutical Analysis	3	3	1
3.3	Pharmacotherapeutics-II	3	3	1
3.4	Pharmaceutical Jurisprudence	2	-	-
3.5	Medicinal Chemistry	3	3	1

3.6	Pharmaceutical Formulations	2	3	1
Total hours		16	15	5 = 36

Fourth Year:

S. No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/ Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
Total hours		15	12	6 = 33

Fifth Year:

S. No.	Name of Subject	No. of hours of Theory	No. of hours of Hospital posting*	No. of hours of Seminar
(1)	(2)	(3)	(4)	(5)
5.1	Clinical Research	3	-	1
5.2	Pharmacoepidemiology and Pharmacoeconomics	3	-	1
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	-	1
5.4	Clerkship *	-	-	1
5.5	Project work (Six Months)	-	20	-
Total hours		8	20	4 = 32

* Attending ward rounds on daily basis.

Sixth Year:

Internship or residency training including postings in speciality units. Student should independently provide the clinical pharmacy services to the allotted wards.

- (i) Six months in General Medicine department, and
- (ii) Two months each in three other speciality departments

6. Syllabus. – The syllabus for each subject of study in the said Tables shall be as specified by Pharmacy Council of India.

7. Examination:

- (1) Every year there shall be an examination to examine the students.
- (2) Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination.

(3) The examinations shall be of written and practical (including oral nature) carrying maximum marks for each part of a subject as indicated in Tables below :

TABLES

First Year examination:

S. No.	Name of the subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/ Biology	70	30	100	70*	30*	100*
				600			600 = 1200

* for Biology.

Second Year examination :

S. No.	Name of the subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Third Year examination :

S. No.	Name of the subject	Maximum marks for Theory	Maximum marks for Practicals

		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100

Fourth Year examination :

S. No.	Name of the subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

Fifth Year examination :

S. No.	Name of the subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship *	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

* Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks Thesis work

Eligibility for appearing Examination.— Only such students who produce certificate from the Head of the Institution in which he or she has undergone the Pharm.D. or as the case may be, the Pharm.D. (Post Baccalaureate) course, in proof of his or her having regularly and satisfactorily undergone the course of study by attending not less than 80% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at examination.

9. Mode of examinations.—

1. Theory examination shall be of three hours and practical examination shall be of four hours duration.
2. A Student who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.
3. Practical examination shall also consist of a viva-voce (Oral) examination.
4. Clerkship examination – Oral examination shall be conducted after the completion of clerkship of students. An external and an internal examiner will evaluate the student. Students may be asked to present the allotted medical cases followed by discussion. Students' capabilities in delivering clinical pharmacy services, pharmaceutical care planning and knowledge of therapeutics shall be assessed.

10. Award of sessional marks and maintenance of records.—

1. A regular record of both theory and practical class work and examinations conducted in an institution imparting training for Pharm.D. or as the case may be, Pharm.D. (Post Baccalaureate) course, shall be maintained for each student in the institution and 30 marks for each theory and 30 marks for each practical subject shall be allotted as sessional.
2. There shall be at least two periodic sessional examinations during each academic year and the highest aggregate of any two performances shall form the basis of calculating sessional marks.
3. The sessional marks in practicals shall be allotted on the following basis:-
 - a. Actual performance in the sessional examination (20 marks);
 - b. Day to day assessment in the practical class work, promptness, viva-voce record maintenance, etc. (10 marks).

11. Minimum marks for passing examination.— A student shall not be declared to have passed examination unless he or she secures at least 50% marks in each of the subjects separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations including sessional marks. The students securing 60% marks or above in aggregate in all subjects in a single attempt at the Pharm.D. or as the case may be, Pharm. D. (Post Baccalaureate) course examination shall be declared to have passed in first class. Students securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he or she passes in all the subjects in a single attempt.

12. Eligibility for promotion to next year.— All students who have appeared for all the subjects and passed the first year annual examination are eligible for promotion to the second year and, so on. However, failure in more than two subjects shall debar him or her from promotion to the next year classes.

13. Internship.—

1. Internship is a phase of training wherein a student is expected to conduct actual practice of pharmacy and health care and acquires skills under the supervision so that ~~be of she~~ may become capable of functioning independently.

10

2. Every student has to undergo one year internship as per Appendix-C to these regulations.

14. **Certificate of passing examination.**— Every student who has passed the examinations for the Pharm.D. (Doctor of Pharmacy) or Pharm.D. (Post Baccalaureate) (Doctor of Pharmacy) as the case may be, shall be granted a certificate by the examining authority.

Practical training

14. **Hospital posting.**— Every student shall be posted in constituent hospital for a period of not less than fifty hours to be covered in not less than 200 working days in each of second, third & fourth year course. Each student shall submit report duly certified by the preceptor and duly attested by the Head of the Department or Institution as prescribed. In the fifth year, every student shall spend half a day in the morning hours attending ward rounds on daily basis as a part of clerkship. Theory teaching may be scheduled in the afternoon.

15. **Project work.**—

1. To allow the student to develop data collection and reporting skills in the area of community, hospital and clinical pharmacy, a project work shall be carried out under the supervision of a teacher. The project topic must be approved by the Head of the Department or Head of the Institution. The same shall be announced to students within one month of commencement of the fifth year classes. Project work shall be presented in a written report and as a seminar at the end of the year. External and the internal examiners shall do the assessment of the project work.
2. Project work shall comprise of objectives of the work, methodology, results, discussions and conclusions.

16. **Objectives of project work.**— The main objectives of the project work is to—

1. show the evidence of having made accurate description of published work of others and of having recorded the findings in an impartial manner; and
2. develop the students in data collection, analysis and reporting and interpretation skills.

17. **Methodology.**— To complete the project work following methodology shall be adopted, namely:—

1. students shall work in groups of not less than *two* and not more than *four* under an authorised teacher;
2. project topic shall be approved by the Head of the Department or Head of the Institution;
3. project work chosen shall be related to the pharmacy practice in community, hospital and clinical setup. It shall be patient and treatment (Medicine) oriented, like drug utilisation reviews, pharmacoepidemiology, pharmacovigilance or pharmacoconomics;
4. project work shall be approved by the institutional ethics committee;
5. student shall present at least three seminars, one in the beginning, one at middle and one at the end of the project work; and
6. two-page write-up of the project indicating title, objectives, methodology anticipated benefits and references shall be submitted to the Head of the Department or Head of the Institution.

18. **Reporting.**—

1. Student working on the project shall submit jointly to the Head of the Department or Head of the Institution a project report of about 40-50 pages. Project report should include a certificate issued by the authorised teacher, Head of the Department as well as by the Head of the Institution
2. Project report shall be computer typed in double space using Times Roman font on A4 paper. The title shall be in bold with font size 18, sub-titles in bold with font size 14 and the text with font size 12. The cover page of the project report shall contain details

about the name of the student and the name of the authorised teacher with font size 14.

(3) Submission of the project report shall be done at least one month prior to the commencement of annual or supplementary examination.

19. Evaluation.— The following methodology shall be adopted for evaluating the project work—

(i) Project work shall be evaluated by internal and external examiners.

(ii) Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of four students).

(iii) Three seminars presented by students shall be evaluated for twenty marks each and the average of best two shall be forwarded to the university with marks of other subjects.

(iii) Evaluation shall be done on the following items: **Marks**

a) Write up of the seminar (7.5)

b) Presentation of work (7.5)

c) Communication skills (7.5)

d) Question and answer skills (7.5)

Total (30 marks)

(v) Final evaluation of project work shall be done on the following items: **Marks**

a) Write up of the seminar (17.5)

b) Presentation of work (17.5)

c) Communication skills (17.5)

d) Question and answer skills (17.5)

Total (70 marks)

Explanation.— For the purposes of differentiation in the evaluation in case of topic being the same for the group of students, the same shall be done based on item numbers b, c and d mentioned above.

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 Departments/ Institutions/ Schools. Which will not be contradictory to the PCI regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.

20. The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh/Central government of India.

21. 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.

22. The medium of Instruction and Examination shall be English.

RAM KRISHNA DHARMARTH FOUNDATION UNIVERSITY**ORDINANCE****No. 71 /2016****BACHELOR OF PHARMACY (PRACTICE) [B.Pharm. (Practice)]**

The programme shall be governed by the norms, rules and regulations of the concerned council i.e., Pharmacy Council of India, New Dehli, the policies of Government of Madhya Pradesh/Government of India and amendments therein.

1. **Bachelor of Pharmacy (Practice) [B.Pharm. (Practice)]** shall consist of a degree certificate of having completed the course of study and passed examination as prescribed in these regulations for the purpose of additional qualification to be entered in the register of pharmacists.
2. **Duration of the course:** The duration of the course shall be of two academic years with each year spread over a period of not less than 180 working days.

5. **Minimum qualification for admission to the course –**

- a. A pass in Diploma course in Pharmacy from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act, 1948.
- b. A registered pharmacist.
- iii. A minimum of four years of pharmacy practice experience in a community or hospital pharmacy –
 - a. A certificate from competent authority stating that the candidate is endorsed as registered pharmacist in the drug license of a pharmacy as proof of practice experience in case of community pharmacist
 - b. A certificate from the Principal/Medical Superintendent/competent person of the ~~Medical/Health~~ Unit stating that the candidate is working as a pharmacist will be

accepted as proof of practice experience in case of hospital pharmacist

iv. A 'No Objection Certificate' from the employer in prescribed format (Annexure -A)

Provided that there shall be reservation of seats for the students belonging to the scheduled castes, scheduled tribes and other backward classes in accordance with the instructions issued by the Central Government/State Government from time to time.

6. **The number of admissions** in the programme shall be as prescribed by the Pharmacy Council of India from time to time.
7. **Course of study.** -The course of study shall consist of the subjects as given in the Tables below. The course shall consist of class room teaching and assignment works. The assignment works shall be done at the place of work under the supervision and guidance of teaching staff of the academic institution. The number of contact hours in a week devoted to each subject for class room teaching shall not be less than that noted against it in columns (3) below.

TABLE - I

First Year :

S. No.	Name of Subject	Minimum No. of total contact hours	No. of contact hours /week
(1)	(2)	(3)	(4)
1.1	Pathophysiology and Pharmacotherapeutics I	40	1
1.2	Pathophysiology and Pharmacotherapeutics II	40	1
1.3	Pharmacy Practice I	40	1
1.4	Pharmacy Practice II	40	1
1.5	Applied Pharmaceutics	40	1
1.6	Social Pharmacy I	40	1
1.7	Case presentation, Seminar, Assignments	160	4
	Total	400	10

Second Year :

S.No.	Name of Subject	Minimum No. of total contact hours	No. of contact hours /week
(1)	(2)	(3)	(4)
2.1	Pathophysiology and Pharmacotherapeutics III	40	1
2.2	Pathophysiology and Pharmacotherapeutics IV	40	1
2.3	Pharmacy Practice III	40	1
2.4	Pharmacy Practice IV	40	1
2.5	Social Pharmacy II	40	1
2.6	Pharmaceutical Jurisprudence	40	1
2.7	Case presentation, Seminar, Assignments	160	4
	Total	400	10

8. **Syllabus.** - The detailed syllabus for each subject of study in the said Tables shall be as specified in the guidelines given in Appendix-III of **Bachelor of Pharmacy (Practice) Regulations, 2014 No. 14-117/ 2014- PCI.** and amendments as notified from time to time.
9. **Examination.** -

- a. There shall be an examination at the end of calendar year. The first examination shall be the annual examination and the second examination shall be supplementary examination.
- b. The examinations shall be of written nature for theory and for the practicals: The students shall submit the assignments done by them in the form of a report which will be followed by viva-voce carrying maximum marks for each part of a subject as indicated in Tables below :

TABLE -II

1st Year examination :

S. No.	Name of Subject	Maximum marks for Theory			Maximum marks for Assignments (including Viva voce 25%)
		University Examination	Sessional marks	Total	
1.1	Pathophysiology and Pharmacotherapeutics I	60	40	100	100
1.2	Pathophysiology and Pharmacotherapeutics II	60	40	100	100
1.3	Pharmacy Practice I	60	40	100	100
1.4	Pharmacy Practice II	60	40	100	100
1.5	Applied Pharmaceutics	60	40	100	100
1.6	Social Pharmacy I	60	40	100	100
	Total			600	600

2nd Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Assignments (including Viva Voce- 25%)
		University Examination	Sessional marks	Total	
1.1	Pathophysiology and Pharmacotherapeutics III	60	40	100	100
1.2	Pathophysiology and Pharmacotherapeutics IV	60	40	100	100
1.3	Pharmacy Practice III	60	40	100	100
1.4	Pharmacy Practice IV	60	40	100	100
1.5	Social Pharmacy - II	60	40	100	100
1.6	Pharmaceutical Jurisprudence	60	40	100	100
	Total			600	600

10. **Eligibility for appearing at the examination.**— A student who produces a certificate from the Head of the Institution in which he has undergone the course in proof of his having regularly and satisfactorily undergone the course of study by attending not less than 80% of the classes held in theory and has submitted the assignments/ project report duly approved by the supervising teacher shall be eligible for appearing at the examination.

11. Mode of examinations.—

a. Theory examination shall be of three hours duration.

(2) A student who fails in theory examination of a subject shall be permitted to re-appear in that subject

(3) Assignment work shall consist of evaluation of report by both internal & external examiners with a seminar and viva –voce (Oral) examination.

12. Award of sessional marks and maintenance of records.—

a. A regular record of theory examinations conducted in an institution imparting the Bachelor of Pharmacy (Practice) Course, shall be maintained for each student in the institution and 40 marks for each subject shall be allotted as internal assessment.

i. There shall be at least three periodic sessional examinations during each year and the highest aggregate of any two performances shall form the basis of calculating sessional marks.

13. Minimum marks for passing examination.— A student shall not be declared to have passed examination unless he secures at least 50% marks in each of the subjects separately in the theory examinations, including sessional marks and at least 50% marks in assignment work. The students securing 60% marks or above in aggregate in all subjects in a single attempt at the examination shall be declared to have passed in first class. A student securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he passes in all the subjects in a single attempt.

14. Eligibility for promotion to next Class.—

1. All students who have appeared for all the subjects and passed the examination are eligible for promotion to the next year.
2. The student failing in subjects of 1st year B.Pharm. (Practice) examination shall be permitted to proceed to the 2nd year of B.Pharm. (Practice). However, such students shall have to pass all the subjects of the 1st and 2nd year of B.Pharm. (Practice) course and shall complete the course within 4 academic years from the session in which he was admitted in the course, for the consideration of B.Pharm. (Practice) degree.

14. Certificate of passing examination.— every student who has passed the examinations for the Bachelor of Pharmacy (Practice) shall be granted a degree certificate by the examining authority.

15. Assignment work.—

1. To allow the student to understand and develop data collection and reporting skills in the area of community, hospital and clinical pharmacy in particular and principles of pharmacy practice in general, the assignment work shall be carried out under the supervision of a teacher of the Academic Institution on the topic approved by the Head of the Academic Institution. The same shall be announced to students within one month of commencement of the classes in each of the subjects for the session. Assignment shall be presented in a written report and as a seminar before the final examination. External and the internal examiners appointed by the examining authority for the said purpose shall do the assessment of the work done.
2. Assignment work shall comprise of objectives of the work, methodology, results, discussions and conclusions.

16. Objectives of Assignment work.— The main objectives of the work is to—

a. show the evidence of having made accurate description of work and of having recorded the findings in an impartial manner; and

- b. develop the students skills in data collection, analysis and reporting and interpretation skills.
17. **Methodology.**— To complete the work following methodology shall be adopted, namely:—
- (i) Not more than ten students shall work under an authorized teacher;
- (ii) The topic shall be approved by the Head of the Department or Head of the Institution;
- (iii) The work chosen shall be related to the subjects taught in a particular session and due consideration has to be given regarding the suitability for carrying out the work in his workplace.
18. **Reporting .-** (1) Student working on the assignment shall submit the report after completion of work to the Head of the Department or Head of the Institution. The report should include a certificate issued by the authorized teacher.
- (2) Submission of the report shall be done at least one month prior to the commencement of annual examination.
19. **Evaluation.**— The following methodology shall be adopted for evaluating assignment work—
- | Evaluation shall be done on the following items: | Marks |
|--|--------------------|
| a) Write up of the assignment | (40) |
| b) Presentation of work | (15) |
| c) Seminar | (20) |
| d) Question and answer skills (viva voce) | (25) |
| Total | (100 marks) |
20. 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 Departments/ Institutions/ Schools, which will not be contradictory to the PCI regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.
21. 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.
22. The medium of Instruction and Examination shall be English

Annexure-A

{See regulation 3(iv)}

Format for 'No Objection Certificate' from the Employer

This to certify that son/daughter of..... is working in this Institution/Pharmacy as since..... and the undersigned has no objection if he gets himself admitted in the Bachelor in Pharmacy (Practice) Course for the session.....

He will be allowed to attend the course and facilities will be provided for carrying out the assignments as part of course in this Institution/Organization.