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मध्यप्रदेश राजपत्र

प्राधिकार से प्रकाशित

क्रमांक 27]

भोपाल, शुक्रवार, दिनांक 5 जुलाई 2024—आषाढ़ 14, शक 1946

भाग ४

विषय—सूची

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

भाग ४ (क)—कुछ नहीं

भाग ४ (ख)

अध्यादेश

उच्च शिक्षा विभाग

मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 25 जून 2024

क्र. आर-425-सीसी-17-अड्डीस.— मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 (1) के अनुक्रम में सर्वपल्ली राधाकृष्णन निजी विश्वविद्यालय, भोपाल के पश्चातवर्ती अध्यादेश क्रमांक 93 से 96 तक के साधारण राजपत्र में प्रकाशन राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा-35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.

पश्चातवर्ती अध्यादेश क्रमांक 93 से 96

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

SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL
SUBSEQUENT ORDINANCE NO. 93
DIPLOMA IN COMPUTER APPLICATION (DCA)
(Semester System)

This ordinance shall be applicable to candidates admitted for Diploma in Computer Application (DCA) diploma course.

1. The duration of the Diploma in computer application shall be of one academic year, comprising of two semesters. The examination of the first semester shall ordinarily be held in the month of November/ December on suitable dates as fixed by registrar of the university.
A supplementary examination for the first semester shall be held as decided by University. The 2nd semester examination will be held in April / May.
2. A person, who has obtained 10+2 certificate from the M.P. Board of Secondary Education, Bhopal or any other recognized board shall be eligible for admission to the DCA programme of the university.
3. (a) A candidate shall be required to fulfill the following conditions for appearing in the first and second semester examinations:-
 - (i) A good character certificate from the head of the department.
 - (ii) 75% attendance of the full course of lectures delivered in each at par in practical, seminars, case discussion trip to computer centers etc.
- (b) A deficiency in the attendance for the proscribed course (lectures/practical/ seminars/ case discussion/visit to computer centers etc.) may be condoned as per provision of ordinance of the University for the purpose.
- (c) A candidate shall be allowed to appear in the second semester examination only when he/ she has passed the first semester examination.
4. A candidate, who has failed (or absented on exceptional cases) in the first semester examination may be provisionally allowed to attend the second semester course.
5. The medium of instruction and examination shall be English / Hindi.

6. Every candidate shall be examined according to the scheme of examination of Ordinance No.5 of the SRK University. The fees for each course shall be decided by M.P. Private University regulatory commission Bhopal. The Number of seats in each course will be as per approved by regulatory commission.
7. The practical examination (including oral) shall be conducted by the two examiners i.e. one external to be recommended by the examination committee and one internal to be nominated by the head of the department.
8. Attendance – As per ordinance No. 2 Part (II) (9) of SRK. University
9. No. candidate shall be allowed more than two attempts as an ex - student in particular semester. If a candidate does not succeed in the attempt three, he / she will have to leave this course.
10. Result of a candidate who has passed the higher examination but failing in back papers of lower examination will be with held till he clear the lower examination.
11. The Standard of passing shall be following. In order to pass DCA examination of any semester, a candidate must obtain at least 40 % marks.
12. The division will be awarded in first year of DCA on the following basis.
75 % of the aggregate and above: first division with honors.
60 % of the aggregate and above: first division
50 % of the aggregate and above: second division
13. Curriculum & related regulation:-
The curriculum & related regulation of DCA will be as per schemes approved by the .Board of management of the university.
14. Maximum duration for completion for course shall be 2 years.
15. 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 director of the schools. The decision of the vice - chancellor shall be final.
16. The reservation to SC/ ST/ other category candidates shall be applicable as per the norms of the state Government of Madhya Pradesh.

ORDINANCE NO. 94 OF 2019**MASTER OF PHYSIOTHERAPY (M.P.T.)****MASTER OF PHYSIOTHERAPY (M.P.T.) in
SPORTS/ORTHOPAEDICS/NEUROLOGY/CARDIOTHORACIC/
OBSTETRICS & GYNECOLOGY BRANCHES****1) PROMULGATION**

The Degree of MPT Physiotherapy as per norms & regulation of paramedical council shall be conferred upon a candidate who has pursued a course of not less than two years of academic session, in an affiliated and recognized teaching institute as a regular candidate and who has passed two years theory and practical examinations with regular attendance and clinical posting allotted.

2) NOMENCLATURE

ELECTIVES OFFERED AND DEGREE AWARDED: **MASTER OF PHYSIOTHERAPY**

I. Orthopaedics

II. Sports

III. Neurology

IV. Cardiothoraci

V. Obstetrics & Gynecology

3) COURSE OUTLINE

The Masters Degree in Physiotherapy is a two year program consisting of classroom teaching, self academic activities and clinical posting. In the first year theoretical basis of physiotherapy is refreshed along with research methodology and biostatistics. The students are rotated in all areas of clinical expertise during this period. They are required to choose their study for dissertation and submit a synopsis. During the second year the students will be posted in their area of specialty. They are required to complete and submit their dissertation. The learning program includes seminars, journal reviews, case presentations, case discussions and classroom teaching. Some of the clinical postings are provided at other reputed centers in the country in order to offer a wider spectrum of experience. The students are encouraged to attend conference, workshop to enhance their knowledge during the course of study. University examinations are held at the end of second year.

4) ELIGIBILITY FOR ADMISSION

Master of Physiotherapy course shall be open to those who have passed 10+2 (Physics, Chemistry, English & Biology) and full time Bachelor of Physiotherapy B.Sc. (PT) or BPT degree from institutions/ any recognized university where the mode of study is a full time regular program, with minimum 3½ years or 4 ½ years duration from this university

or any other university in India or abroad as equivalent with not less than 50% of marks in aggregate and have completed 6 months of compulsory rotating internship in Physiotherapy .

In case of SC/ST/OBC students the relaxation of the eligibility percentage for the admission will be as per the Madhyapradesh state Government rules.

Admission to the course will be as per the performance of the student in the entrance examination; however the student should have minimum 50% aggregate in BPT for appearing in the entrance exam.

5) GOALS OF COURSE:

- A. Impartation of education with research basis in order to validate techniques & technology in practice to physiotherapy.
- B. Formation of base of the professional practice by referral as well as first contact mode using evidence based practice.
- C. Preparation of a postgraduate student towards his/her professional autonomy at par with global standards
- D. Acquainting a student with concept of quality care at the institutional as well as the community levels.
- E. Inculcation of appropriate professional relationship in multidisciplinary set up, patient management and co partnership basis.
- F. Preparation of students to address problems related to health education and community physiotherapy.
- G. Practicing the concept of protection of rights of the community during referral as well as first contact practice.
- H. Incorporation of concept of management in physiotherapy.
- I. Experience in clinical training and undergraduate teaching partly.

6) DURATION OF COURSE

The duration of the certified study for the Master of physiotherapy shall be full time regular course and its duration shall extend over a period of two continuous academic Years' on a full time basis for the award of the degree. *The student for the award of the*

MPT degree shall have to qualify in all papers prescribed for the MPT course within a period of FOUR years from the date he/she joined the course.

7) MEDIUM OF INSTRUCTION :-

English will be the medium of instruction for the subjects of study and for the examination of the MPT course.

8) METHODS OF TRAINING:-

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

9) MONITORING PROCESS OF STUDIES (INTERNAL MONITORING)

It is essential to monitor the learning progress of each candidate through continuous appraisal and regular assessment. It not only helps teachers to evaluate students, but also students to evaluate themselves. The monitoring is done by the staff of the department based on participation of students in various teaching / learning activities. It may be structured and assessment be done using checklists that assess various aspects.

Work diary: Every candidate shall maintain a work diary and record his/her participation in the training programmes 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 of 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 examination.

Periodic tests: The College may conduct periodic tests. The test may include written theory papers, practical, viva voce and clinical in the pattern of university examination. Records and marks obtained in such tests will be maintained by the Head of Department and sent to the University, when called for.

10) ATTENDANCE REQUIREMENT FOR EXAMINATION

A candidate is required to attend a minimum of 80% of training and of the total classes conducted during each academic year of the MPT course. Provided further, leave of any

kind shall not be counted as part of academic term without prejudice to minimum 80% of training period every year. Any student who fails to complete the course in this manner shall not be permitted to appear the University Examinations. A candidate who does not satisfy the requirement of attendance even in one subject or more will not be permitted to appear for University Examination. He / She will be required to make up the deficit in attendance to become eligible to take subsequent examination.

11) CONDONATION OF ATTENDANCE

Dean/ Principal of the college are empowered to condone 10% of attendance on valid grounds. Monthly attendance of students has to be sent to the university every month from the respective affiliated colleges.

12) ADMISSION TO UNIVERSITY EXAMINATION OF MPT COURSE

The candidate admitted in an academic year will be registered to take up their University examination after completion of two academic years.

Subject of first year MPT College/ Institutional examinations; **Basic Medical Sciences &**

Principles of Physiotherapy Practice, Biomechanics & Kinesiology, Research Methodology & Biostatistics and Educational Methodology will be common subjects for all the student Subjects in second year University Examinations will be as per the elective specialization (Sports / Orthopaedics / Neurology / Cardiothoracic/ Obstetrics & Gynecology) except **Exercise Physiology & Nutrition, Physical Diagnosis & Rehabilitation** which will be common subjects to all the students.

* Advanced Physiotherapeutic would be additional elective subject as per specialization.

13) COMMENCEMENT OF THE EXAMINATION

There shall be two university examinations: Main and Supplementary examination as per university notification every year academic year for MPT Final year candidates only. For MPT course (which is of two years duration), the University examination will be held at the end of **second year only**. However, at the end of first academic year, Internal examination will be conducted at the college level itself and the result has to be sent to the University as per the scheduled notification. (These marks will be included in the Final Transcripts), and the students are eligible to appear their final year examination at MPMSU, subject to passing in first year internal examination conducted at college / institution level.

14) WORKING DAYS IN AN ACADEMIC CALENDAR / ADMISSIONS:

The admissions of students into various programs should be completed by 30th November. There shall be 240 minimum teaching days in one academic year.

15) DISSERTATION

Every candidate pursuing MPT degree course is required to carry out work on a selected research Project under the guidance of a recognized postgraduate teacher. The results of such a work shall be submitted in the form of dissertation.

The dissertation is aimed to train a graduate 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, and comparison of results and drawing conclusions.

Every candidate shall submit to the Registrar of university in the prescribed Performa a synopsis containing particulars of proposed dissertation work within 4 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. Such synopsis will be reviewed and the university will register the dissertation topic. All the synopses of Dissertation have to be approved by the Institutional Ethical Committee.

No change in the dissertation topic or guide shall be made without prior approval of the university. Guide will be only a facilitator, advisor of the concept and hold responsible in correctly directing the candidate in the methodology and not responsible for the outcome and results.

The dissertation should be written under the following headings.

1. Introduction
2. Aims or objectives of study
3. Review of literature
4. Material and methods
5. Results
6. Discussion
7. Conclusion
8. References
9. Appendices

The written text of dissertation shall not be less than 50 pages and shall not exceed 100 pages excluding references, tables, questionnaires and other annexure. It should be neatly typed in double line spacing on one side of paper (A4 size, 8.27" x 11.69" and bound properly. Spiral binding should be avoided. The guide, head of the department and head of the institution shall certify the dissertation.

Four copies of dissertation thus prepared shall be submitted to the Registrar (Evaluation), three months before final examination on or before the dates notified by the university.

The examiners appointed by the university shall valuate the dissertation. **Approval of dissertation work is an essential precondition for a candidate to appear in the university examination.** The dissertation shall be valued by the evaluator (Examiners) apart from the guide out of which one is external outside the institution zone of university

/ from other college of the same university. Evaluator acceptance other than the guide will be considered as a precondition for eligibility to take.

16) Guide

The academic qualification and teaching experience required for recognition by this university is as per the criteria for recognition of MPT teachers for guides.

Criteria for recognition of MPT teacher / guide

1. M.Sc. (PT) /MPT with five years teaching experience working on a full time position at a Recognized institution.
2. The age of guide / teacher shall not exceed 65 years.
3. The guide student ratio should be 1:5

Change of Guide

In the event of registered guide leaving the college for any reason or in the event of death of guide, guide may be changed with prior permission from the Vice Chancellor.

- 17) **For other provision which is not covered in this curriculum & syllabus will be applicable as per the university ordinance.**

18) SCHEME OF EXAMINATION

MPT 1 st Year (Common for All candidates): Institutional Examination as per University Notification			
S.No.	SU BJECT	MAX. MARKS	Minimum Passing Marks
1.	Basic Medical Sciences & Principles of Physiotherapy Practice	100	50
2.	Biomechanics & Kinesiology	100	50
3.	Research Methodology & Biostatistics and Educational Methodology	100	50
Total Max. Marks.		300	

(There shall be institutional/college level theory examination as per university notification, marks to be send to university)

MPT 2nd / Final Year: University Examination

S. No.	SUBJECT	Written	Practical	Viva	Total
1	Exercise Physiology & Nutrition	100	--	--	100
2	Physical Diagnosis & Rehabilitation	100	100	50	250
3	Elective-I*	100	100	50	250
4	Elective-II**(Advanced Physiotherapeutic)	100	--	--	100
5	Dissertation	--	--	100	100
Total Max. Marks					800

N.B.- Viva marks will be added in practical marks; candidate have to get min.50% marks i.e. 75 marks in practical and viva collectively for passing the practical examination.

Elective-I*: Subjects

MPT Sports: Sports Physiotherapy

MPT Orthopaedics: Orthopaedic Physiotherapy

MPT Neurology: Neurologic Physiotherapy

MPT Cardiothoracic: Cardiopulmonary Physiotherapy

MPT Obstetrics & Gynecology: Physiotherapy in Obs. & Gynecological conditions

Elective-II: Subjects (Advanced Physiotherapeutic)**

MPT Sports: Advanced Physiotherapeutic in Sports Physiotherapy

MPT Orthopaedics: Advanced Physiotherapeutic in Orthopaedic Physiotherapy

MPT Neurology: Advanced Physiotherapeutic in Neurologic Physiotherapy

MPT Cardiothoracic: Advanced Physiotherapeutic in Cardiopulmonary Physiotherapy

MPT Obstetrics & Gynecology: Advanced Physiotherapeutic in Physiotherapy in Obs. & Gynecological conditions

19). Passing Marks of Examination:

- The passing marks of examination would be 50% for each subject and also in total marks obtained. The candidate has to pass in theory and practical examination separately. For theory paper the internal assessment marks, viva-voce and theory examination marks will be counted.
- The candidate should pass separately in two heads i.e in Theory (Theory plus Viva voce) and also in Practical (with 50% marks).
- The candidate has to pass separately in each subject in internal assessment examination (with 50% marks) in order to be eligible to appear in university examinations. .
- The grace marks shall be allowed according to the general ordinance relating to “Award of Grace Marks”.
- Regarding Grace Marks it was decided that total weightage of grace marks would be **5 (five)**, and that grace marks can be split between the subjects. There will not be any grace marks for the Practical examination.
- Grace marks will not be added to total marks of the candidate. In Supplementary examination also similar pattern of grace marks will be followed.

20. After completion of two academic years of studies he shall not have any privileges of a regular student.

21. Successful candidate who obtain 60% or more of the aggregate marks in Part-I and Part-II examination taken together shall be placed in the first division and those who obtain 50% or more but less than 60% shall be placed in the second division.

22. A successful candidate of the M.P.T. Part-I and Part- II examination shall be awarded degree in following nomenclature:

- **M.P.T in Sports Physiotherapy**
- **M.P.T in Orthopedics Physiotherapy**
- **M.P.T in Neurological Physiotherapy**
- **M.P.T in Cardiothoracic Physiotherapy**
- **M.P.T in Gynecology and Obstetrics Physiotherapy**

**SYLLABUS & SCHEME OF EXAMINATION FOR MPT
SPORTS/ORTHOPAEDICS/NEUROLOGY/CARDIOTHORACIC, OBS.&GYNECOLOGY**

COURSE OF THE STUDY

MPT 1st Year (First 12 Months)

S. No.	SUBJECT	Teaching Hours		
		Theory	Clinical/ Practical	Total
1.	Basic Medical Sciences	100	75	175
	Principles of Physiotherapy	50	75	125
	Practice			
2.	Biomechanics	100	75	175
	Kinesiology	100	75	175
3.	Research Methodology &	100		100
	Biostatics			
	Educational Methodology	50		50
4.	Clinical training	--	650	650
5.	Seminar, Journal Club, Teaching Skills, Case Presentation, Field Works etc.	--	150	150
				1600

MPT 2nd /Final Year (13-24 Months)

S. No.	SUBJECT	Teaching Hours		
		Theory	Clinical/ Practical	Total
1.	Exercise Physiology & Nutrition	175	50	225

2.	Physical Diagnosis	175	175	350
	Rehabilitation	100	100	200
3.	Elective-I*	150	100	250
4.	Elective-II**(Advanced Therapeutics)	150	100	250
5.	Dissertation	--	150	150
6.	Clinical training	--	650	650
7.	Seminar, Journal Club, Teaching Skills, Case Presentation, Field Works etc.	--	150	150
				2225

Elective-I*: Subjects

MPT Sports: Sports Physiotherapy

MPT Orthopaedics: Orthopaedic Physiotherapy

MPT Neurology: Neurologic Physiotherapy

MPT Cardiothoracic: Cardiopulmonary Physiotherapy

MPT Obstetrics & Gynecology: Physiotherapy in Obs. & Gynecological conditions

Elective-II: Subjects (Advanced Physiotherapeutic)**

MPT Sports: Advanced Physiotherapeutic in Sports Physiotherapy

MPT Orthopaedics: Advanced Physiotherapeutic in Orthopaedic Physiotherapy

MPT Neurology: Advanced Physiotherapeutic in Neurologic Physiotherapy

MPT Cardiothoracic: Advanced Physiotherapeutic in Cardiopulmonary Physiotherapy

MPT Obstetrics & Gynecology: Advanced Physiotherapeutic in Physiotherapy in Obs. & Gynecological conditions

ORDINANCE NO. 95 OF 2019

M.Sc. Medical Laboratory Technology (MMLT)

The admission/examination for the degree of M.Sc. MLT shall be held in the following subjects as per norms & regulations of paramedical council :-

1. **Biochemistry**
2. **Microbiology**
3. **Haematology**
4. **Histopathology**

DURATION OF THE COURSE:

The duration of the course leading to the Degree of M.Sc. MLT shall be of two academic years followed by compulsory rotatory internship of six months. There shall be actual teaching for a minimum of 180 days excluding admissions, preparation and examination days in each year.

2. ELIGIBILITY:

A person who has passed B.Sc. MLT/BMLT examination with atleast 50% marks in aggregate from a recognized University, shall be eligible to join the First year of M.Sc. MLT course.

3. EXAMINATION:

The annual university examination shall be held at the end of each of First and Second years, ordinarily in the months of May/June, on such dates as may be fixed by the Vice-Chancellor and notified by the Controller of Examinations. The candidates shall have to appear in the examination after completion of first year and then after completion of the second year and submission of Project Report.

3.1 SUPPLEMENTARY EXAMINATION:

The Supplementary examinations for re-appearing candidates shall be held ordinarily in the month of December/January.

4. ELIGIBILITY FOR EXAMINATION:

The First and Second year examinations shall be open to a regular student who :-

- (i) has passed the requisite qualifying examination as laid down in Clause 2 above, if he/she is a candidate for the First year examination, or, has passed the preceding year examination if he/she is a candidate for the Second year examination.
- (ii) has his/her name submitted to the Controller of Examinations by the Department of paramedical sciences SRK. University and produces the following certificates signed by him:-
 - (ii.a) of a good character;
 - (ii.b) of having remained on the rolls of the concerned department for the year preceding the examination
 - (ii.c) of having attended not less than 80% of the full course of lectures delivered in each year in Theory and Practicals (the course to be counted upto the last day when the classes break up for preparatory holidays i.e. 10 days before the commencement of the examination).

A deficiency of lectures upto 10% may be condoned by the Principal of the College/Institute in exceptional cases on reasonable grounds.

5.1 20% marks each in Theory & Practicals shall be assigned for Internal Assessment in each year.

5.2 The Principal of the Institute shall forward the Internal Assessment marks on the basis of periodical tests, attendance, etc. to the Controller of Examinations at least one week before the commencement of the annual examinations.

5.3 The Principal of the Institute will preserve the records on the basis of which the Internal Assessment awards have been prepared, for inspection, if needed by the University upto three months from the date of declaration of the Annual examination results.

5.4 The Internal Assessment award of a candidate who fails in yearly examination shall be carried forward to the next examination.

6. The examination shall be held according to the Scheme of examination and Syllabus prescribed by the Academic Council & as per paramedical council. A candidate who fails in an examination or having been eligible fails to appear in the examination shall take the examination according to syllabus prescribed by the University for regular students provided that the syllabus for the candidates of Supplementary examinations shall be the same as was in force in the last annual examination.

7. APPOINTMENT OF EXTERNAL/INTERNAL EXAMINERS FOR AWARD OF M.SC MLT COURSE:

- The Examiner shall have atleast **one year** teaching experience in the Subject concerned or in Allied subjects in a college affiliated to a recognized University.
- There shall be **two examiners out of which one shall be external examiner** so that uniformity in the matter of assessment of candidates is maintained. The Board of Studies shall supply the panel of examiners to University for appointment of internal/external examiners by the Vice-Chancellor.
- The question paper of Theory Paper – A & B shall be set and Answer-books examined by the same External Examiner which will be moderated by the Internal examiner as per the syllabus of M.Sc MLT.
- The External Examiner shall be from outside the University.
- The same set of examiners shall ordinarily evaluate the written, practical and oral examinations.

7.1 Academic qualifications and teaching/professional experience for appointment of Examiners in each Branch of M.Sc. MLT:

- M.D or Ph.D or Ph.D MLT in Biochemistry /Microbiology/ Pathology with one year of teaching/professional experience after post-graduation in a teaching institution or in a laboratory.

OR

- M.Sc. MLT /M.Sc. Medical with five years of teaching/professional experience of which atleast 2 years after the post-graduate qualification in a teaching institution or laboratory approved by this University.

8. PROJECT REPORT:

Each candidate pursuing M.Sc. MLT course is required to carry out Project Report work on a selected topic under the supervision of a recognized post-graduate teacher **for a period of one year after the submission of synopsis.**

The Project Report is aimed to train the students in research methods and techniques. It includes identification of problem, formulation of hypothesis, search and review of literature, getting acquainted with recent advances, collection of data, critical analysis, interpretation of results and drawing conclusions. Protocol submission is required within six months from the date of admission and has to be approved by Institutional Ethical

Committee (IEC) and Board of PG Studies within nine months from the date of admission. Final Project Report shall be submitted to the Principal, Department of Paramedical Science before three months of final examination.

Two hard copies of synopsis containing particulars of the proposed Project Report shall be submitted to the Principal, Department of Paramedical Science after its scrutiny and approval by the concerned PG Board of Studies within one year.

The Project Report topic or Supervisor or change of topic shall be assigned/ made on the recommendation of the concerned PG Board of Studies.

The written text of Project Report shall not be less than 50 pages and shall not exceed 100 pages excluding references, tables, questionnaires and other annexure. A declaration by the candidate that the work was done by him/her is bonafide. The Supervisor, Head of the department and Head of the Institution shall certify the bonafide of the Project Report.

Two copies of Project Report shall be submitted to the Principal and one copy to Head of the Department with a soft copy; three months before the final examination. **It shall be assessed by internal examiner to be appointed by the Principal,** No marks shall be awarded for dissertation.

9. **INTERNSHIP:**

Every candidate will be required after passing M.Sc. MLT examination to undergo Compulsory Rotational Internship for the **duration of six months** in the concerned subject to the satisfaction of the Principal of the Institute.

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

11. A candidate must pass the whole course within **four & half year (including internship of six months)** of his/her admission to First year of the course failing which he/she will be required to repeat the course de novo.

12. **EXAMINATION FEE:**

The amount of examination fee to be paid by a regular student shall be as prescribed by the University from time to time. A candidate who re-appears in one or more paper(s) shall pay examination fee as for the whole examination.

13. PASSING SCORE:

The Minimum number of marks required to pass in examination shall be **50%** marks in aggregate in each of the subjects separately with a minimum of **50%** marks in Theory (including oral examination) and clinical/practical separately inclusive of internal assessment, as the case may be.

- After termination of the examination, the Controller of Examinations shall publish the result of the candidates and issue Detailed-Marks-Cards.
- A successful candidate of M.Sc. MLT examination shall be granted the Degree, only after he/she has completed **internship** as prescribed.

14. 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 the academic year, and nothing in the ordinance shall be deemed to debar the University from amending the ordinance and the amended ordinance, if any, shall apply to all students whether old or new.
15. In Case of SC/ST/OBC students the relaxation of eligibility percentage for the admission will be as per the Madhya Pradesh State Government rules.

Ordinance No. 96 of 2019

Ordinance of MBA Logistics & Supply Chain Management

1. Objective of the program

MBA in Logistics & Supply Chain Management has been design to suit the requirement of manager involved in SCM operational activity like Procurement, production, Planning, Logistics. Distribution Planning and strategic activities like vendor selection and Management, SCM Network optimization and Product /Process re-design for SCM and to equip Managers and Practioners with the concept and practices of SCM. Role of Logistics & Supply Chain Manager is progressively shifting from supply Focus to Demand Focused owing to the increasing competitiveness of the business environment. This Unique program has been designed by combining the insight of industry leaders with the academic expertise of our faculty, to enable these managers to be adequately skilled to rise up to the expectation of their firms. Academic concepts and theories are brought to life through our Teaching faculty's professional expertise, and can be immediately applied in your career..

2 Eligibility

Bachelor's Degree in any discipline with minimum 50% Marks

3. Duration of Course as per AICTE norms

IV- SEMESTERS OF 6 MONTHS = Total 2 YEARS

4. Admission Procedure

4.1 Admission shall be made on merit on the basis of marks obtained in the qualifying examination and in the entrance examination or any other selection process as per the policy of the University.

4.2 List of Documents required

- (a) 10th class Mark sheet & Passing Certificate (original),
- (b) 12th class Mark sheet & Passing Certificate (original),
- (c) F. Y. Mark sheet (original).
- (d) S. Y. Mark sheet (original), Graduation / Post Graduation Mark sheet +
- (e) passing Certificate (original),
- (f) Address Proof – Aadhar card/ Passport (Attested Photocopy), School Leaving Certificate Birth Certificate (Attested Photocopy)

*In case the result is awaited for final semester / year, the mark sheet of the previous semester needs to be submitted.

5- Syllabus & Scheme

Semester	Title of the Subject	Semester	Title of the Subject
I	Management Theory and Practice	III	Procurement & Strategic Sourcing
	Organizational Behavior		Storekeeping & Warehousing
	Accountancy for Managers		Logistics Management
	Managerial Economics		Inventory and Material Management
	Statistics for Managers		Shipping and Air Cargo Logistics
	Basics of Supply Chain Management		Global Trade and International Business
II	Human Resource Management	IV	Warehouse Management
	Operations Management		Retail Logistics and Supply Chain Management
	Strategic Management		Enterprise Resource Planning
	Core Concepts of Supply Chain		Sustainable Supply Chain and Trends
	Transportation Basic and Operations		Final Project Report

SEMESTER- 1

PAPER 1 MANAGEMENT: THEORY AND Practice

UNIT I:

Evolution of Management thoughts – Contribution of Selected Management Thinkers – Various approaches to management – contemporary management practice – Managing in global environment – Managerial functions.

UNIT II:

Importance of planning – Types of planning – decision making process – Approaches to decision making – Decision models – Pay off Matrices – Decision trees – Break Even Analysis.

UNIT III:

Departmentation – Span of Control – Delegation – Centralization and Decentralization – Committees – Line and Staff relationships – Recent trends in organization structures.

UNIT IV: Process of Recruitment, Selection, Induction Training – Motivation – Leading – Leadership styles and qualities – Communication – process and barriers. **UNIT V:** Managements control systems – techniques – Types of control.

PAPER-II ORGANISATIONAL BEHAVIOUR

UNIT I:

Definition, need and importance of organizational behavior – nature and scope – frame work – organizational behavior models.

UNIT II:

Personality – types – factors influencing personality – theories – learning – types of learners – the learning process – learning theories – organizational behavior modification. Attitudes – characteristics – components – formation – measurement. Perceptions – importance – factors influencing perception – interpersonal perception. Motivation – importance – types – effects on work behavior.

UNIT III:

Organization structure – formation – groups in organizations – influence – group dynamics – emergence of informal leaders and working norms – group decision making techniques – interpersonal relations – communication – control.

UNIT IV:

Meaning – importance – leadership styles – theories – leaders Vs managers – sources of power – power centers – power and politics. **UNIT V :**

Organizational climate – factors affecting organizational climate – importance. Job satisfaction – determinants – measurements – influence on behaviour. Organizational change – importance – stability Vs change – proactive Vs reactive change – the change process – resistance to change – managing change. Organizational development – characteristics – objectives – team building. Organizational effectiveness – perspective – effectiveness Vs efficiency – approaches – the time dimension – achieving organizational effectiveness.

PAPER III ACCOUNTANCY FOR MANAGERS**UNIT I:**

Introduction to Financial, Cost and Management Accounting – Accounting Conventions and Concepts- IFRS-Preparation of financial statements: Income statements and Balance sheet – Segmental Reporting

UNIT II:

Financial statement analysis – Ratio Analysis-Preparation of Cash Flow Statement- cash flow and funds flow statement analysis

UNIT III:

Elements of Cost - Cost Classification - Cost Control & Cost reduction – Methods of costing - Preparation of cost sheet – Activity based costing.

UNIT IV:

Basics of Cost Volume Profit (CVP) analysis – BEP analysis- Application of marginal costing in decision making - Basic framework of budgeting-Preparation of Master, flexible and cash budgets- Zero based budgeting

UNIT V:

Standard costing-Setting standard costs - Analysis of variance - Significance of Computerized Accounting System

PAPER IV MANAGERIAL ECONOMICS**UNIT I:**

Meaning and Scope of managerial Economics-Role and Responsibility of A managerial Economist-Fundamentals- concepts - Demand & Supply: Law of Demand-Types of Demand-Elasticity of demand-Demand forecasting, Law of Supply, Elasticity of Supply

UNIT II:

Macro economic variables – national income, investment, savings, employment, inflation, balance of payment, exchange rate – circular flow of income – national income concepts – measurement of national income – role of economic planning – Indian economic planning.

UNIT III:

Determination of national income – Keynesian perspective - multiplier – accelerator – business cycle – the role of fiscal policy – Indian fiscal policy and experiences. Demand and supply of money – money market equilibrium – the role of money - monetary policy – Indian perspectives.

UNIT IV:

Analysis of inflation and unemployment – the role of economic policies – Indian experiences.

UNIT V:

International trade – trade multiplier – linkage model – the role of trade policy – analysis of performance of Indian economy in external sector.

PAPER V: STATISTICS FOR MANAGERS

UNIT I: Basic definitions and rules for probability, conditional probability, independent of events, Baye's theorem, random variables, Probability distributions: Binomial, Poisson, Uniform and Normal distributions.

UNIT II - Introduction to sampling distributions, sampling techniques, sampling distribution of mean and proportion, application of central limit theorem. Estimation: Point and Interval estimates for population parameters of large sample and small samples, determining the sample size.

UNIT- III TESTING OF HYPOTHESIS - Hypothesis testing: one sample and two samples tests for means and proportions of large samples (z-test), one sample and two sample tests for means of small samples (t-test), F-test for two sample standard deviations, Chisquare test for single samples standard deviation. Chi-square tests for independence of attributes and goodness of fit.

UNIT IV NON-PARAMETRIC METHODS –

Sign test for paired data. Rank sum test: Mann – Whitney U test and Kruskal Wallis test. One sample run test, rank correlation.

UNIT V CORRELATION, REGRESSION AND TIME SERIES ANALYSIS - Correlation analysis, estimation of regression line. Time series analysis: Variations in time series, trend analysis, cyclical variations, seasonal variations and irregular variations.

PAPER V Basics of Supply Chain Management**UNIT : Production—**

PAPER V Basics of Supply Chain Management**UNIT : Production—**

What products does the market want? How much of which products should be produced and by when? This activity includes the creation of master production schedules that takes into account plant capacities, workload balancing, quality control, and equipment maintenance.

UNIT II: Inventory—

What inventory should be stocked at each stage in a supply chain? How much inventory should be held as raw materials, semi-finished, or finished goods? The primary purpose of inventory is to act as a buffer against uncertainty in the supply chain. However, holding inventory can be expensive, so what are the optimal inventory levels and reorder points?

UNIT III: Location—

Where should facilities for production and inventory storage be located? Where are the most cost-efficient locations for production and for storage of inventory? Should existing facilities be used or new ones built? Once these decisions are made they determine the possible paths available for product to flow through for delivery to the final consumer.

UNIT -IV:

Transportation—How should inventory be moved from one supply chain location to another? Air freight and truck delivery are generally fast and reliable but they are expensive. Shipping by sea or rail is much less expensive but usually involves longer transit times and more uncertainty. This uncertainty must be compensated for by stocking higher levels of inventory. When is it better to use which mode of transportation?

UNIT- V: Information—

How much data should be collected and how much information should be shared? Timely and accurate information holds the promise of better coordination and better decision making. With good information, people can make effective decisions about what to produce and how much, about where to locate inventory and how best to transport it.

SEMESTER - 2

PAPER-I HUMAN RESOURCE MANAGEMENT

UNIT- I:

Human Resource Philosophy –

Changing environments of HRM - Strategic human resource management - Using HRM to attain competitive advantage - Trends in HRM - Organization of HR departments - Line and staff functions - Role of HR Managers.

UNIT -II:

Employment planning and forecasting –

Recruitment, selection process- Building employee commitment: Promotion from within – Sources- Induction.

UNIT -III:

Orientation & Training:

Orienting the employees, the training process, need analysis, Training -techniques, Developing Managers: Management Development - On-the-job and off-the-job Development techniques using HR to build a responsive organization. Management Developments - Performance appraisal in practice. Managing careers: Career planning and development - Managing promotions and transfers.

UNIT -IV:

Establishing Pay plans: Basics of compensation - factors determining pay rate - Current trends in compensation - Job evaluation – Incentives- Practices in Indian organizations. Statutory benefits - non-statutory (voluntary) benefits - Insurance benefits - retirement benefits and other welfare measures to build employee commitment.

UNIT -V: Labor relations -Employee security - Industrial Relation-Collective bargaining: future of trade unionism. Discipline administration - grievances handling - managing dismissals and separation. Labor Welfare: Importance & Implications of labor legislations - Employee health - Auditing -Future of HRM function.

PAPER II OPERATIONS MANAGEMENT

UNIT- I Production and Operations Management (POM) – Need, History, System. Types, functions and communication in POM. Computer Integrated Manufacturing and Services Systems: Global /trade operations and supply network applications.

UNIT -II:

Facility Location Decisions (FLcD) – Selections of country, region and site. Facility Layout Decision (FlyD) – Types (Fixed Position, and Production, Process, Flexible), Methodologies (Distance Minimizing, Computer software systems (CRAFT, CORELAP, ALDEP),

UNIT III: Forecasting – Types, Methods (Qualitative and Quantitative), Types of variation in data, Minimizing forecasting errors and selection of forecasting methods. Capacity Planning- MRP and MRP II systems Introduction to ERP Line Balancing and performance ratios,

UNIT- IV:

Material Management (MM) – Handling Technology (Robots, Automated storage and retrieval systems (ASRS) and methods (JIT, / Kanban, ABC Systems). Independent Demand Inventory Models – Fixed order system, Basic EOQ, EBQ Models, Quantity discount models. Dependent Demand Inventory models

UNIT -V: Johnson's Algorithm for job sequencing -Use of Gantt charts, Queuing analysis and Critical Ratios as methods for job scheduling. work measurement methods (WM) - Time study, methods-time measurement, Work Sampling, White color measurement and learning curves, Using WM to increase productivity- PERT / CPM – Drawing the network, computation of processing time, floats and critical path. Resource leveling techniques.

PAPER III STRATEGIC MANAGFEMENT**UNIT I:**

Conceptual framework for strategic management, the Concept of Strategy and the Strategy Formation Process – Stakeholders in business – Vision, Mission and Purpose – Business definition, Objectives and Goals - Corporate Governance and Social responsibility

UNIT II

External Environment - Environmental Threat and Opportunity Profile (ETOP) – SWOT- Porter's Five Forces Model-Strategic Groups Competitive Changes during Industry Evolution- Globalization and Industry Structure - National Context and Competitive advantage Resources- Avoiding failures and sustaining competitive advantage-

UNIT- III

The generic strategic alternatives – Stability, Expansion, Retrenchment and Combination strategies - Business level strategy- Strategic analysis and choice -OCP - Strategic Advantage Profile - Corporate Portfolio Analysis - SWOT Analysis - GAP Analysis - Mc Kinsey's 7s Framework - GE 9 Cell Model - Distinctive competitiveness - Selection of matrix - Balance Score Card

UNIT IV: The implementation process, Resource allocation, Designing organisational structure- Designing Strategic Control Systems- Matching structure and control to strategy- Implementing Strategic change-Politics-Power and Conflict-Techniques of strategic evaluation & control **UNIT V:** Managing Technology and Innovation- Strategic issues for Non Profit organizations- New Business Models and strategies for Internet Economy

PAPER IV CORE CONCEPTS OF SUPPLY CHAIN**UNIT I: Supply Chain Planning --**

Demand planning to improve supply chain health, Gillette case study. Why supply chain planning is necessary, supply chain planning matrix, supply chain partnership models, eight pillars of supply chain planning and implementation.

Unit II: Supply chain sub systems –

Extended supply chain, supply chain integration and its importance in today's world. Supply chain linkages and role of logistics, supply chain and logistics in the Indian context, value creation through supply chain, Iijjat papad case study.

UNIT III: Lean manufacturing – introduction, manufacturing transformations, principles of lean manufacturing, gaining competitiveness through lean manufacturing. Value stream analysis, essentials of lean supply chain, success factors for leanness and road map to success.

UNIT IV: Network Designing – Camy Petroleum LTD network design, need for a robust network design, role of network design, strategic factors in network design, operational and tactical factors. Steps in network design, facility location and capacity allocation, network design decision issues, networking in end-to-end supply chain, Adani case study. Supply Chain merger.

Unit V: Strategic approach in Supply Chain –

Alliances and outsourcing, strategic alliance, distributor integration, legal contract. issues in strategic alliance. Agile Supply chain, why agility, barriers to agility, creating an agile supply chain, Tesco case study. Global Supply chain, domestics vs global supply chain, strategic issues, cross-border logistics, operational factors. Reverse supply chain, scope of reverse supply chain, reverse supply chain design and challenges, trends in managing reverse supply chain.

PAPER IV TRANSPORTATION BASICS AND OPERATIONS

UNIT I:

Transportation basics, transport functionality and principles, product movement, objectives of transportation, product storage, principles of transportation, economies of scale, economies of distance.

UNIT II:

Participants in transportation decisions, role and perspective of each party in transport decisions, legal classification of carriers, transport planning parameters, cost structure in transportation.

UNIT III

Modes of transport, road, rail, pipeline, ropeways, air and water transport basics and understanding, modal characteristics of various modes, multi-modal transport and decisions. Value creation through efficient transportation network systems, piggyback, trailer. containerization, non-operating intermediaries.

UNIT IV:

Modes of transport and their freight structure, booking methods. deminurage, wharfage and containerization. Insurance claim procedure with different modes of transport. Costing procedures

for each transport modes, product related and market related factors influencing transport costs.

UNIT V:

Transport Economics, distance, volume, density, stowability, handling, liability and market factors. First party, second party, third party, fourth party, fifth party and seventh party logistics and their strategic alliances.

SEMESTER III

PAPER I - PROCUREMENT AND STRATEGIC SOURCING

UNIT I:

Purchase policy- Rate and Running Contract – Subcontracting- Systems Contract – Stockless purchase –Buying seasonal items – Forward Buying – Hedging – Purchasing Activities – Indent Status – A to Z of Purchase Order –Transportation – Incoming Inspection – Bill settlement – Documentation.

UNIT II:

Meaning of Right Price – Price Analysis – Determination of Right Price – Influencing Factors on Pricing – Classification of Pricing – Price Forecasting - Right Place – Purchase Budgets – Budgetary control – Need Identification Problems – Definition of lead time Elements- Cost Reduction and Lead time.

UNIT III:

Relevance of Good Supplier - Advantages of Good Relations –Prerequisites – Evaluation of Suppliers – The Buyers Role – Role of the Vendor Relevance of Good Suppliers – Need for vendor evaluation – Goals of Vendor Rating – Advantages of Vendor Rating – Parameters of Vendor Rating.

UNIT IV:

E-procurement concepts, RFX process, RFI, RFP & RFQ, guide to preparing RFX documents and preparing RFX documents. JIT procurement and its effects in production. Purchasing cards, reverse auction, ethical documents for procurement officers. Constraints of E-procurement and open trading environment.

UNIT V:

- Strategic sourcing, objectives, scope of strategic sourcing, vendor selection models, AHP process, fuzzy logic process, understanding data to identify the right opportunities for sourcing.

PAPER II STORE KEEPING AND WAREHOUSING**UNIT I:**

Warehousing Management - Objectives of Stores – Location and Layout – Prevention – Management of Receipts – Issue Control – Stores Documentation

UNIT II:

Stock Valuation and Verification - Need for Valuation – Methods of Valuation – FIFO – LIFO – Average Price – Weighted Average – Standard Cost – Replacement Price – Stock Verification – Process of Verification

UNIT III:

Disposal of Obsolete and Scrap items - Management of SOS – Categorization of Obsolete/Surplus – Reasons for Obsolescence – Control of Obsolescence – Control of Scrap – Responsibility for Disposal – Disposal Methods

UNIT IV:

Insurance: Risk Management - Buyer's Interest – Marine Insurance – Inland Transit Insurance – Stores Insurance – Contractors All Risk Insurance – Miscellaneous Insurance – A to Z Claims Procedure – Loss Minimization- Spare Parts Management - Salient Features of Spares – Inventory Control of Spares – Categorization of Spares – Provisioning of Spares – Pricing of Spares – Relevance of Maintenance – Maintenance Costs

UNIT V:

Ethics in Materials Management - Importance of Ethics – Business Ethics – Ethics in Buying – Code of Ethics – Problems in Ethics – Backdoor Selling – A to Z Tips for Ethical Buying – Professionalization.

PAPER III LOGISTICS MANAGEMENT**UNIT I:**

The Logistics of Business – The Logistical Value Proposition – The Work of Logistics – Logistical Operating Arrangements – Flexible Structure – Supply Chain Synchronization.

UNIT II:

Transport Functionality, Principles and Participants – Transportation Service – Transportation Economics and Pricing – Transport Administration – Documentation

UNIT III:

International Logistics and Supply Chain Management: Meaning and objectives, importance in global economy, Characteristics of global supply chains, Global Supply Chain Integration – Supply Chain Security – International Sourcing – Role of Government in controlling international trade and its impact on Logistics and Supply Chain.

UNIT IV:

International Insurance – Cargo movements – water damage – Theft – Privacy – pilferage – Other risk – perils with air shipments – Risk Retention – Risk Transfer – Marine Cargo Insurance – Coverage A,B,C classes – Elements of air freight Policy – Commercial Credit Insurance – Size of Vessels, Tonnage, Types of vessels- Container, Combination ships – Non vessel operating carriers

UNIT V:

International Air transportation – Types of aircrafts – Air cargo Regulations – Truck and Rail Transportation – Inter model – pipe lines – Packaging objectives – TCL, LCC – Refrigerator – goods – customs duty – Non-Traffic barriers – customs cleaning process – International logistics Infrastructure

PAPER IV INVENTORY MANAGEMENT & MATERIAL RESOURCE PLANNING**UNIT I:**

Introduction to inventory, need for inventory and functions, inventory as buffer, reasons for carrying inventory, inventory costs, poor inventory management, types of inventory conceptual frame work of inventory.

UNIT II:

Inventory categorization, determining when to order, determining lot size, inventory classifications and application of Pareto's law in inventory, inventory control procedures and inventory planning. Case study of Bhel-puriwala.

UNIT III:

Fair share allocation, distribution requirement planning, constraints to effective planning of inventory, Selective control techniques, inventory control systems, single period inventory, multi-period inventory and fixed-order quantity models. EOQ analysis and determining stock levels based on EOQ.

UNIT IV: introduction to safety stock, establishing safety stocks, need for safety stock, probability approach, fixed order quantity with safety stock, inventory turn calculation, inventory accuracy and cycle counting, bull whip effect, vendor managed inventory, merits and de-merits of VMI, case study

UNIT V: introduction to material resource planning (MRP) where MRP can be used and its benefits, creating a master production schedule (MPS), creating a bill of materials (BOM), MRP system structure, performing MRP calculations, lot sizing in MRP, lot-for lot, case studies.

PAPER V Shipping and Air Cargo Logistics**UNIT I:**

Introduction to Liners: Characteristics of Liner Services, Advantages & Disadvantages - Break Bulk Liner services – Roll on / off Liner services - Container Liner services – Passenger / Cruise Liner services, Types of shipping services (Liner and Tramp), Types of Liner services (Independent, Consortium), Services offered by Liners (RTW, pendulum, hub & spoke and end-to-end service), Direct vs Transshipment services – Short sea feeder services

UNIT II:

Organizational structure of a containerized Liner Shipping company – Operations, Technical & Commercial functions, Factors affecting Liner freight structure - Basic freight and surcharges - Freight for FCL, LCL, Cargo consolidation services, Electronic Data Interchange and Documentation aspects, Economics of a typical liner voyage.

UNIT III:

Stevedoring and Container leasing: Handling of Liner cargo – Liner cargo stevedoring - Types of cranes used for handling liner cargo – Unitization of cargo & evolution of containerization – Advantages and Disadvantages of Containerization, Ports, Multi modal transportation – Modal interfaces – Intermodal systems – Inland Container Depot (ICD) and Container Freight Station (CFS) Terminals - Types of containers & their features. applications, Methods of container acquisition viz., purchase, leasing-container interchange services

UNIT IV:

Air Cargo introduction, overview of airline's cargo terminal operations, load simulation models, stages involved in pull simulation models, air express, air freight, freight forwarder, air waybill, understanding the air waybill and its contents WRT cargo loaded. Different types of containers, airport codes, container codes, choosing the right container for cargo.

UNIT V:

Bulk cargo, handling personal effects, cargo calculations, dimensions, weight & volume calculations, preparing of AWB. Understanding cargo aircrafts, chargeable weight. charter service, check digit calculations, calculations of cubic capacity, customs declaration, rules for carrying dangerous goods, dead freight, air connections and networks, embargo, INCO terms, classification of air cargo.

SEMESTER IV**PAPER I Global Trade and International Business**

UNIT I: Introduction to International Business: Global Business Environment, Importance of Int. Business, problems and risks involved in Int. business & solutions, International marketing sales channel.

UNIT II:

EXIM Process: Elements of export & import contract, Procedure & Documents required for shipment of cargo, Multimodal Transport.

UNIT II:

EXIM Process: Letter of Credit & other payment terms, Methods of payment & risks, Bill of Lading & its types, INCOTERMS, Sea freight Export & Import Documentation / Cargo Flow

UNIT IV:

Services offered by various service providers in international business-Freight Forwarders, CHA, NVOCC, PERT, Crashing of project Network, Freight rates and basis of calculation, Freight Surcharges and Role of FMC

UNIT V:

Various factors affecting international trade, Tariff & Non- Tariff Barriers, Regulatory Authorities & Government Policies, Role of Department Of Commerce & Finance Ministry

PAPER II WAREHOUSE MANAGEMENT**UNIT I:**

Introduction, need for warehouse, evolution of warehouse concept, role of warehouse in logistical system, economic benefits, service benefits, introduction to principles of warehouse.

UNIT II:

principles of warehouse design, design criteria, handling technology. storage plan. Types of warehouse, private, public, contract warehousing. Methods of inventory valuation – FIFO – LIFO – FILO.

UNIT- III: Warehouse strategies and functions, movement, storage, loading bays, cross-dock operations. **UNIT IV:** Warehouse management fulfillment policy, receiving and managing new stock, choosing an optimal picking system, optimizing picking and packing process, implementing effective order management strategy, shipping of orders. **UNIT V:** measuring warehouse performance, receiving efficiency, GRN preparation, putaway process, picking accuracy, return of orders, order lead time. Upgrade of warehouse management system, things to look for in a warehouse management system.

PAPER III RETAIL LOGISTICS AND SUPPLY CHAIN MANAGEMENT**UNIT I:**

Introduction to retail logistics, retail logistics and supply chain transformation, the grocery retail supply chain and challenges. Changing buyer-seller relationships.

UNIT II:

Quick response in retail supply chain, efficient consumer response, role of logistics providers in retail supply chain, international sourcing, difference in distribution in local and international markets.

UNIT III:

Market orientation approach – a focal point and a reality, the role of imitation and innovation in the fashion business, managing the fashion logistics pipeline, quick response strategy in fashion business.

UNIT IV:

Establishing control and delivery efficiency in retail supply chain, the environmental considerations in quick response strategy, introduction to temperature- controlled supply chain in retail logistics.

UNIT V:

What is temperature-controlled supply chain, importance of temperature- controlled supply chain, changes in temperatures and its effects, challenges in temperature- controlled supply chain. On-shelf availability of products, methodology, findings and conclusions.

PAPER IV ENTERPRISE RESOURCE PLANNING

UNIT I: Overview of enterprise systems – Evolution - Risks and benefits - Fundamental technology - Issues to be consider in planning design and implementation of cross functional integrated ERP systems.

UNIT II;

Overview of ERP software solutions- Small medium and large enterprise vendor solutions, BPR, Business Engineering and best Business practices - Business process Management. Overview of ERP modules -sales and Marketing, Accounting, Finance, Materials and Production management etc...

UNIT III

Planning Evaluation and selection of ERP systems-Implementation life cycle – ERP implementation, Methodology and Frame work- Training – Data Migration. People Organization in implementation-Consultants, Vendors and Employees-Case studies.

UNIT IV

Maintenance of ERP- Organizational and Industrial impact: Success and Failure factors of and ERP Implementation -case studies.

UNIT V

Extended ERP systems and ERP bolt –on -CRM, SCM, Business analytics etc-Future trends in ERP systems-web enabled, Wireless technologies so on-Case studies.

UNIT I:

Introduction to greening of supply chain, Case study Hindustan pencils, corporate social responsibility, case study of IBM suppliers to meet environmental goals, Supply Chain responsibility.

UNIT II:

Green supply chain management, judicious utilization of resources, cost reduction factors, risk mitigation, gaining competitive advantage, ease in product adoption, GUCCI's CSR initiative, Starbucks sustainable practices, Berger paints India's green supply chain activity.

UNIT III: Competitive sustainability, green procurement, green manufacturing – a strategic priority, green marketing initiatives.

UNIT IV:

Blockchain technology in supply chain, blockchain technology implementation for sustainable supply chain solutions.

UNIT V:

Greening strategies, case studies

6- Grading System –

For each subject the scheme of marks would be 50% class Assessments based on Projects Assignments Tests, Class Attendance and 50% /Semester End Written Examination .

1. Medium of Instruction and Examination

The Medium of Instruction and Examination shall be English

2. Reservation –

The Reservation to SC/ST/ Other Category candidate as per norms of the state Government of Madhya Pradesh .

3. 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 of all the directors of the schools. The decision of the Vice-Chancellor shall be final

इसे वेबसाइट www.govtpress.nic.in से भी डाउन लोड किया जा सकता है.



मध्यप्रदेश राजपत्र

प्राधिकार से प्रकाशित

क्रमांक 28]

भोपाल, शुक्रवार, दिनांक 12 जुलाई 2024—आषाढ़ 21, शक 1946

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 8 जुलाई 2024

क्र. आर-425—सीसी-17—अड़तीस.— मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 (1) के अनुक्रम में, सर्वपल्ली राधाकृष्णन निजी विश्वविद्यालय, भोपाल के पश्चातवर्ती अध्यादेश क्रमांक 97 से 99 तक के साधारण राजपत्र में प्रकाशन राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.

पश्चातवर्ती अध्यादेश क्रमांक 97 से 99

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,

वीरन सिंह भलावी, अवर सचिव.

Sarvepalli Radhakrishnan University Bhopal

ORDINANCE No - 97

DOCTOR OF MEDICINE (M.D.) AND MASTER OF SURGERY (M.S.)

GENERAL RULE

These general rules are subject total iterations from time to time. The degree shall be conferred after the acceptance of thesis and passing in examination (Written, Viva and Practical).

1. SUBJECTS OF AWARDS

<u>M.D.</u>
1 Anesthesiology
2 Anatomy
3 Biochemistry
4 Community Medicine
5 Dermatology, Venerology and Leprosy
6 Family Medicine
7 Forensic Medicine
8 General Medicine
9 Geriatrics
10 Hospital Administration
11 Immuno Hematology and Blood Transfusion
12 Microbiology
13 Nuclear Medicine
14 Pathology
15 Pediatrics
16 Pharmacology
17 Physical Medicine Rehabilitation
18 Physiology
19 Psychiatry
20. Radio-diagnosis
21 Radiation Oncology
22 Sports Medicine
23 Respiratory Medicine
24 Emergency Medicine
25 Palliative Medicine
26 Master of Public Health (Epidemiology)

<u>MS.</u>
1. Otorhinolaryngology
2. General Surgery
3. Ophthalmology
4. Orthopedics
5. Obstetrics & Gynecology
6. Traumatology & Surgery

2. AIMS & OBJECTIVES:**2.1 AIMS:**

The goal of postgraduate medical education shall be to produce competent specialists and/or Medical teachers.

- 2.1.1 Who shall recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the national health policy
- 2.1.2 Who shall have mastered most of the competencies, pertaining to the speciality, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system,
- 2.1.3 Who shall be aware of the contemporary advance and developments in the discipline concerned,
- 2.1.4 Who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology, and
- 2.1.5 Who shall have acquired the basic skills in teaching of the medical and paramedical professionals

2.2 OBJECTIVES:

At the end of the postgraduate training in the discipline concerned the student shall be able to:-

- 2.2.1 Recognize the importance to the concerned speciality in the context of the health needs of the community and the national priorities in the health section
- 2.2.2 Practice the speciality concerned ethically and in step with the principles of primary health care.
- 2.2.3 Demonstrate sufficient understanding of the basic sciences relevant to the concerned speciality.
- 2.2.4 Identify social, economic, environmental, biological and emotional determinants of health in a given case, and take them into account while planning the therapeutic, rehabilitative, preventive and primitive measure/strategies
- 2.2.5 Diagnose and manage majority of the conditions in the speciality concerned on the basis of clinical assessment, and appropriately selected and conducted investigations.
- 2.2.6 Plan and advice measures for the prevention and rehabilitation of patients suffering from disease and disability related to the speciality.
- 2.2.7 Demonstrate skills in documentation of individual case details as well as morbidity and mortality rate relevant to the assigned situation.
- 2.2.8 Demonstrate empathy and humane approach towards patients and their families and exhibit inter personal behavior in accordance with the societal norms and expectations.
- 2.2.9 Play the assigned role in the Implementation of national health program, effectively and responsibly.

- 2.2.10** Organize and supervise the chosen/assigned health care services demonstrating adequate Managerial skills in the clinic/hospital or the field situation
- 2.2.11** Develop skills as a self directed learner, recognize continuing education needs, select and use appropriate learning resources
- 2.2.12** Demonstrate competence in basic concept so research methodology and epidemiology, and be able to critically analyse relevant published research literature
- 2.2.13** Develop skill sinusing educational methods and techniques as applicable to the teaching of medical/nursing students, general physicians and paramedical health workers
- 2.2.14** Function as an effective leader of a health team engaged in health care, research or training.

2.3 STATEMENT OF THE COMPETENCIES:

Keeping in view the general objectives of post graduate training, each discipline has developed specific competencies which has been defined and spelt out in clear terms. Each department has produced a statement to bring it to the notice of the trainees in the beginning of the programs so that the or she can direct the efforts towards the attainment of these competencies.

2.4 COMPONENTS OF THE POST GRADUATE CURRICULUM:

The major components of the Post graduate curriculum shall be:

- 2.4.1** Theoretical knowledge
- 2.4.2** Practical and clinical skills
- 2.4.3** Writing Thesis/Research articles.
- 2.4.4** Attitudes including communication skills.
- 2.4.5** Training in research methodology, Medical Ethics and Medicolegal aspects.-

3. COURSE STRUCTURE:

3.1 Training Period and Time Distribution

The period of training for obtaining the degrees shall be three complete years including the period of examination

Provided that in the case of students having are cognized two year post graduate diploma course in the same subject, the period of training, including the period of examination, shall be two years

3.2 Timing of Examinations

The examinations shall be organized on the basis of grading or marking system to evaluate and certify candidate's level of knowledge, skill and

competence at the end of the training and obtaining a minimum of 50% marks in theory as well as practical separately shall be mandatory for passing the whole examination. The examination for M.S., /M.D., shall be held at the end of 3 academic years (six academic terms) The academic terms shall mean six months training period.

4. GOAL:

- 4.1** The goal of post graduate medical education shall be to produce competent specialist and/or Medical Teacher
- 4.2** Who shall recognize the health needs of the community, and carry out Professional obligations ethically and in keeping with the objectives of the national health policy.
- 4.3** Who shall have mastered most of the competencies pertaining to the specialty, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system
- 4.4** Who shall be aware of the contemporary advance and developments in the discipline concerned
- 4.5** Who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology.
- 4.6** Who shall have acquired the basic skills in teaching of the medical and paramedical professionals

5. ACADEMIC QUALIFICATION AND SELECTION CRITERIA FOR ADMISSION:

5.1 Eligibility Criteria: Candidate for M.D./M.S. degree must be

5.1.1 An M.B.B.S. of any University recognized by the National Medical Commission.

5.1.2 Completed one year of Internship by year of admission. Cutoff date declared by Competent Authority / Central Council.

5.2 Selection of Students: Students for Postgraduate medical courses shall be selected strictly on the basis of their academic merit:

5.2.1 The merit as determined by 'Common Entrance Test' conducted by Central Council.

Provided that wherever entrance test for Postgraduate admission is held the minimum percentage of marks for eligibility for admission to postgraduate medical courses shall be fifty per cent for general category candidates and 40 per cent for the candidate belonging to Scheduled Castes, Scheduled Tribes and Other Backward classes or as prescribed by Statutory Body/Competent Authority.

5.3 Migration: Migration/transfer of students undergoing any postgraduate course shall not be permitted by any University or any authority..

6. COMMENCEMENT OF COURSE

The M.D /M.S. course shall commence with effect from 2nd May of respective year or as prescribed by Statutory Body/Competent Authority.

7. REGULATION RELATING TO ASSESSMENT OF ACADEMIC GROWTH OF STUDENTS

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

7.1.1 Attendance :- All candidates joining the Post Graduate training programme shall work as full time residents during the period of training, attending not less than 80% (Eighty percent) of the training during each calendar year, and given full time responsibility, assignments and participation in all facets of the educational process.

7.1.2 Internal Assessment:-

7.1.2.1 Post Graduate students shall maintain a record (log) book of the work carried out by them and the training programme undergone during the period of training including details of surgical operations assisted or done independently by M.S. candidates.

7.1.2.2 The record books shall be checked and assessed by the faculty members imparting the training.

7.1.2.3 Internal assessment shall also be based on the following:

7.1.2.3.1 Basic Medical Sciences Lectures, Seminars, Journal Clubs. Group Discussions, Participation in laboratory and experimental work, and involvement in research studies in the concerned speciality and exposure to the applied aspects of the subject relevant to clinical specialities.

7.1.2.3.2 Clinical disciplines In service training, with the students being given graded responsibility in the management and treatment of patients entrusted to their care; participation in Seminars, Journal clubs, Group Discussions, Clinical Meetings, Grand rounds, and Clinico-Pathological Conferences; practical training in

Diagnosis and medical and Surgical treatment, adhering in the Basic Medical Sciences, as well as in allied clinical specialities.

8. APPOINTMENT OF EXAMINERS

8.1 No person shall be appointed as an internal examiner in any subject unless he/she has three years experience as recognized PG teacher in the concerned subject. For external examiners, he/she should have minimum six years of experience as recognized PG teacher in the concerned subject.

8.2 There shall be at least four examiners in each subject at an examination out of which at least 50% (Fifty percent) shall be external examiners. The external examiner who fulfils the condition laid down in clause - 1 above shall ordinarily be invited from another recognized University, from outside the State: provided that in exceptional circumstances examinations may be held with 3 (three) examiners if two of them are external and Medical council of India is intimated with the justification of such examination and the result in such a case shall be published with the approval of Medical Council of India.

8.3 An examiner shall ordinarily be appointed for not more than two consecutive terms.

8.4 The internal examiner in a subject shall not accept external examinership for a college from which external examiner is appointed in his subject

8.5 There shall be a Chairman of the Board of paper-setters who shall be an internal examiner and shall moderate the questions.

9. UNIVERSITY EXAMINATIONS: THEORY AND PRACTICAL

9.1 Thesis

9.1.1 Every candidate shall carry out work on an assigned research project under the guidance of a recognized Post Graduate Teacher, the result of which shall be written and submitted in the form of a thesis

9.1.2 Thesis shall be submitted and approved before commencement of theory and clinical / practical examination

9.1.3 The thesis shall be examined by a minimum of four examiners: two internal and two external, and on acceptance of the thesis by minimum two examiners, including one external, the candidate shall be eligible for appearing for final examination

9.2 Theory

9.2.1 There shall be four theory papers,

9.2.2 One paper out of these shall be on Basic Medical Sciences, and fourth paper on Recent Advances.

9.2.3 The second and third paper shall be based on syllabus as specified by the concerned subject specialty

9.2.4 The first and fourth theory paper shall be set and evaluated by two internal examiners and the second and third paper shall be set and evaluated by two external examiners

9.2.5 The theory examination will be held sufficiently earlier than the Clinical and Practical examination, so that the answer books can be assessed and evaluated before the start of the clinical/Practical and Oral examination.

SCHEME OF THEORY EXAMINATION:

Pattern of Question Paper is same for M.D./M.S. as given below

Q. No.	Nature of Questions	Division of Marks	Total Marks
1.	Long Answer Question	1 X 20	20 Marks
2.	Long Answer Question	1 X 20	20 Marks
3.	6 SAQs (a) (b) (c) (d) (e) (f)	6 X 10	60 Marks
- There shall be Three Long answer Questions where the candidate has to attempt any Two out of Three - There shall be Eight Short answer Questions where the candidate has to attempt any Six out of Eight			

PAPER WISE DISTRIBUTION OF TOPIC IS AS GIVEN BELOW. PG
COURSES: - M.D.

SN	COURSE TITLE	SUBJECT NAME	PAPER NO. & TOPICS
1.	M.D.	GENERAL MEDICINE	I. Basic Sciences in General Medicine, Genetics, and Nutrition.
			II. Cardio-Vascular system, Respiratory System Nephrology, Rheumatology, Immunology, Infectious diseases, Dermatology.
			III. Gastroenterology, Nervous system, Psychiatry, Hematology, Oncology, Endocrinology, Miscellaneous.
			IV. Recent Advances in General Medicine.
2	M.D.	PATHOLOGY	I. General Pathology including General Neoplasia, Immunopathology and cytopathology.
			II. Systemic Pathology including Systemic Neoplasia.
			III. Haematology, Transfusion medicine, Immunohaematology including Recent Advances.
			IV. Clinical Pathology, Chemical Pathology, Pathology of infectious diseases, Recent Advances.
3.	M.D.	MICROBIOLOGY	I. General Microbiology & Immunology
			II. Systemic Bacteriology,
			III. Mycology & Virology
			IV. Parasitology & Recent Advances
4	M.D.	PHARMACOLOGY	I. Screening and evaluation of drugs (Animal and Clinical), Clinical Pharmacology, General Pharmacology, Biostatistics.
			II. Systemic Pharmacology
			III. Applied Pharmacology including Therapeutics, Miscellaneous topics (GIT, RS. Autocolds, vitamins, skin, ocular Pharmacology, Immunopharmacology, chelating agents, Drugs and Pregnancy)
			IV. Recent Advances.

5	M.D.	PREVENTIVE & SOCIAL MEDICINE (COMMUNITY MEDICINE)	I. a. History of Public Health and Community Medicine. b. Behavioural sciences and Health c. Information, Education, Communication and Counselling d. Microbiology including Entomology, Parasitology and Immunology e. Environmental health and Ecology, Public Health Chemistry f. General Epidemiology, Biostatistics and Research Methodology g. Concept of health and disease II. a. Diet and nutrition in health and disease b. Epidemiology of communicable diseases and non-communicable diseases c. Occupational Health d. Genetics and Counselling III. a. Maternal Health, Child Health, RCH Demography and Family welfare b. Cares of special groups viz. school health, adolescent health and Geriatrics c. Care of disabled, Community based Rehabilitation Tribal Health d. Public Health emergencies and calamities IV. a. Health and Hospital Administration b. Health care delivery including National health programmes c. Public health legislation d. Mental health e. International health f. Voluntary Health Organisation, NGO'S g. Management and Health h. Health Economics i. Recent Advances
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6.	M.D.	PAEDIATRICS	I.	Basic Sciences of Anatomy, Physiology related to genetic.
			II.	Neonatology, Social Sciences related to Paediatrics
			III.	Systemic diseases in Paediatrics: - Respiratory Cardiology, C.V.S., Neurology, Haematology, Nephrology, Rheumatology, Immunology, Metabolic, Gastroenterology, Growth and Development, Congenital and acquired disorder of ear, nose, throat and joints, Endocrine System and Miscellaneous diseases.
			IV.	Recent advances in Paediatrics
7.	M.D.	RADIO- DIAGNOSIS	I.	Radiation physics, Protective measures & Physics involving imaging techniques and related basic sciences e.g. Anatomy, Physiology and Pathology.
			II.	Radiological Imaging in congenital & systemic diseases - I
			III.	Radiological imaging in congenital & systemic diseases - II
			IV.	Miscellaneous, Radiological procedures, Interventional Radiology, Recent advances and newer techniques.
8	M.D.	PSYCHIATRY	I.	Basic Sciences and application
			II.	Neuro Psychiatry
			III.	Clinical Psychiatry Part - I
			IV.	Clinical Psychiatry Part II Recent Advances
9.	M.D.	DERMATOLOG Y, VENEREOLOGY , LEPROSY,	I.	Basic Science in relation to Dermatology, Venereology, Leprosy, Cosmetology, Dermatosurgery and HIV/AIDS
			II.	Skin Diseases, Deramatotherapeutics, Cosmetology and Dermatosurgery.
			III.	HIV/AIDS, Venereology and
			IV.	Recent advances

10.	M.D.	BIOCHEMISTRY	I.	General Biochemistry and Instrumentation
			II.	Metabolism and Nutrition
			III.	Clinical Biochemistry
			IV.	Molecular Biology, Biotechnology & Recent Advances in clinical Biochemistry
11.	M.D.	PHYSIOLOGY	I.	General physiology, Cellular physiology, Applied Biochemistry, Biophysics and Biostatistics, History of Physiology, Comparative Physiology
			II.	Nerve muscle, Blood, Cardiovascular system, Respiratory System, Gastrointestinal system, Renal Physiology.
			III.	Endocrine, special senses, Nervous system, Reproductive system
			IV.	Exercise Physiology, Nutrition, recent advances, Medical education technology, stress relaxation, medical ethics & applied physiology.
12.	M.D.	ANAESTHESIOLOGY	I.	Basic Sciences related to Anaesthesia (History, Anatomy, Physiology, Pharmacology, Pathology, Physics, Instrument & Equipments, etc.)
			II.	Theory & Practice of Anaesthesia 1. Cardio Vascular System. 2. Respiratory System. 3. Neuro Surgery. 4. Obstetrics & Gynecology 5. Orthopaedics 6. Ophthalmology
			III.	Theory & Practice of Anaesthesia 1. Paediatrics. 2. Renal & Hepatic system. 3. Endocrines. 4. Haemopoitics. 5. Geriatrics 6. E.N.T. 7. Out Patient Anesthesia & Dental Anaesthesia. 8. Nerve Blocks.
			IV.	Recent Advances in Anaesthesia. Applied Medicine in Relation to Anaesthesia. Theoretical Aspects of pain and pain relief including

			postoperative & Cancer pain.
13.	M.D.	RADIATION ONCOLOGY	I. Radiation Physics, Radio biology & Basic Medical Sciences
			II. Principles, Practice & Techniques of Radio Therapy & oncology
			III. Principles & Practice of Chemotherapy & Radiotherapy
			IV. Recent Advances in oncology (Radiotherapy & Chemotherapy)
14.	M.D.	ANATOMY	I. General and gross anatomy including corresponding microanatomy and embryology and clinical anatomy of Head, Face, Neck and Thorax.
			II. Gross anatomy including corresponding microanatomy and Embryology and clinical anatomy of Abdomen, Pelvis and Perineum and superior and inferior extremity.
			III. Neuroanatomy including corresponding microanatomy, embryology and clinical anatomy.
15.	M.D.	RESPIRATORY MEDICINE	IV. Genetics, Radiological Anatomy, Sectional Anatomy, Clinical Anatomy and Recent Advances.
			I. Basic Sciences - Anatomy, Physiology, Pathology, Microbiology, Pulmonary and extra pulmonary T.B., Public Health, Surgical aspects.
			II. Non-Tubercular Pulmonary Diseases.
			III. Internal Medicine as applied to pulmonary Medicine.
			IV. Recent advancement in pulmonary medicine.

PG COURSES: - M.S.			
SN	COURSE TITLE	SUBJECT NAME	PAPER NO. & TOPICS
1	M.S.	GENERAL SURGERY	I. Basic Sciences: Anatomy, Physiology and Other basic science topics covered in syllabus including Introduction to Surgery, Basic Surgical Principles. Wounds, tissue repair and scars. Critical care; fluid, electrolyte and acid-base balance; blood transfusion. Nutritional support and rehabilitation. Anaesthesia and pain relief. Wound Infection. Special infections. Acquired Immunodeficiency Syndrome (AIDS). Sterile precautions. Transplantation. Tumours, Cysts, Ulcers, Sinuses. Plastic and reconstructive surgery, skin lesions. Burns. Arterial disorders. Venous disorders. Lymphatic system. Day surgery. Audit in surgery. Surgical ethics. II. General Surgery Including Clinical Surgery: Eye and orbit. Cleft lip and palate, developmental abnormalities of the face, palate, jaws and teeth. Maxillofacial injuries. Nose and sinuses. Ear. Oral and oropharyngeal cancer and precancer. Salivary gland disorders. Pharynx, larynx and neck. Thyroid gland and the thyroglossal tract. Parathyroid and Adrenal glands. Breast. Thorax. Heart and Pericardium. III. General Surgery Including Subspecialties: Anastomoses, Oesophagus. Stomach and duodenum. Liver. Spleen. Gallbladder and bile ducts. Pancreas. Peritoneum, omentum, mesentery and retroperitoneal space. Small and large intestines. Intestinal obstruction. Vermiform appendix. Rectum. Anus and anal canal. Hernias, Umbilicus, Abdominal wall. Principles of Laparoscopic surgery. IV. Recent Advances: Orthopedics: Musculoskeletal disorders. Fracture and Dislocations - General, specific. Diseases of bones and joints - infection, tumours, generalised diseases and chronic joint diseases, congenital disorders. Wrist and hand. Foot. Nervous system: Neurological disorders affecting the musculoskeletal system. Spine, vertebral column and spinal cord. Nerves. Cranium (Scalp, skull, brain). Genito -Urinary System: Urinary symptoms, Investigation of the urinary tract, anuria. Kidneys and ureters. Urinary bladder. Prostate and seminal vesicles. Urethra and penis. Testis and scrotum.

2	M.S.	OPHTHALMOLOGY	I.	Anatomy, Physiology and optics of the eye.
			II.	Ophthalmic Medicine and Surgery.
			III.	Ophthalmology in relation to medicine
			IV.	All New Techniques and innovations in Ophthalmology.
3	M.S.	OTORHINOLARYNGOLOGY	I.	Basic sciences including pharmacology in relation to ENT and recent advances.
			II.	Diseases of Ear and Recent Advances.
			III.	Diseases of Nose and Para nasal Sinuses and recent advances.
			IV.	Diseases of Throat, Head and Neck include Tracheobronchial tree and Oesophagus Recent Advances.
4	M.S.	ORTHOPAEDICS	I.	Basic and Applied Sciences as related to Orthopaedics
			II.	Orthopaedics Traumatology
			III.	Orthopaedic Diseases
			IV.	Recent Advances
5	M.S.	OBSTETRICS AND GYNAECOLOGY	I.	Basic Sciences in Obstetrics and Gynaecology including the diseases of the newborn.
			II.	Clinical Obstetrics includes newborn.
			III.	Clinical Gynaecology.
			IV.	Recent Advances in Ob/Gy.

9.3 CLINICAL / PRACTICAL AND ORAL EXAMINATION

Practical examination shall consist of carrying out special investigative techniques for Diagnosis and Therapy.

Oral examination shall be comprehensive to test the candidate's overall knowledge of the Subject.

SCHEME OF PRACTICAL EXAMINATION: -

- i) Clinical examination for the subjects in clinical sciences shall be conducted to test the knowledge and competence of the candidates for undertaking independent work as a specialist/teacher, for which candidate shall examine a minimum one long case and two short cases.

- ii) Practical examination for the subjects in Basic Medical Sciences shall be conducted to test the knowledge and competence of the candidate for making valid and relevant observations based on the experimental/Laboratory studies and his ability to perform such studies as are relevant to his subjects
- iii) The oral examination shall be through and shall aim at assessing the candidate's knowledge and competence about the subject, investigative procedures, therapeutic technique and other aspects of the Speciality, which form a part of the examination.
- iv) The maximum number of candidates to be examined in clinical/Practical and viva on any day shall not exceed 8 for M.D./M.S. degree
- v) All the 4 Examiners will sit together to examine the candidate for long cases. At least one internal & one external examiner would assess the candidate for short cases. All 4 examiners will conduct viva voce.

1. M.D. (GENERAL MEDICINE) PRACTICAL SCHEME: -

SN	Heads	Description	Marks	Preparation time	Assessment time
1.	Long Cases (Two)	1 Neurology case 1 Non-Neurology case	100 each = 200	45 min each	20 min
2.	Short Cases (Two)	Of systems other than the system of long cases	50 each = 100	15 min each	10 min
3.	Viva (Four Tables)	Radiology (X-Rays, CT, MRI)	25		5 min
		ECG/Lab investigations	25		5 min
		Therapeutics	25		5 min
		Emergencies	25		5 min
		TOTAL PRACTICAL MARKS	400		

2. M.D. (PATHOLOGY) PRACTICAL SCHEME: -

SN.	Exercises	Maximum Marks
1	Histopathology slides (25 slides, 5 marks each)	125
2	Clinical case	75
3	Haematology & Cytology slides (15 slides, 5 marks each)	75
4	Grossing	35
5	Autopsy	20
6	Histotechniques	15
7	Serology	15
8	Viva Voce	40
Total Marks		400 Marks

3. M.D. (MICROBIOLOGY) PRACTICAL SCHEME: -

SN.	EXERCISE/VIVA	MAXIMUM MARKS
	A] LONG EXERCISE BACTERIOLOGY	50
	B] SHORT EXERCISES	
1	Bacteriology short exercise	30
2	Mycobacteriology/special staining	10
3	Exercise in Virology	30
4	Exercise in Immunology	30
5	Exercise in Mycology	30
6	Exercise in Parasitology	30
7	Serology/Exercise	30
8	Identification of slides	30
9	Microteaching/Pedagogy	30
	Total of Short-exercises (B)	250
	C] ORAL (VIVA VOCE)	100
	TOTAL of A, B, C	400

4. M.D. (COMMUNITY MEDICINE) PRACTICAL SCHEME: -

SN	Heads	Marks
1.	Family Study: (One)	100
2.	Clinico-Social case study (One long case)	100
3.	Short case (One infectious Disease)	20
4.	Public Health Laboratory Practical	30
5.	Problem on Epidemiology and Biostatistics (Six, 5 marks each)	30
6.	Spotters (Five, Four Marks each)	20
7.	Viva voce	100
Total		400 Marks

1. **Family Study: - (One)** **100 Marks**
One family will be allotted in rural/urban field practice area. Presentation and discussion will be on the health status of the family and of any case/individual in the family and on factors that contributed towards maintenance of health and occurrence of diseases; management at individual, family and community levels.
2. **Clinico-Social case study (One Long case)** **100 Marks**
Basic clinical presentation and discussion of diagnosis, treatment and management of common communicable or non-communicable diseases/conditions with emphasis on social and community aspects.
3. **Short Case (One infectious Disease)** **20 Marks**
4. **Public Health Laboratory Practical** **30 Marks**
Staining of smears, interpretation of common serological diagnostic tests, water and milk analysis or interpretation of given results of any above tests.
5. **Problem on Epidemiology and Biostatistics** **30 Marks**
(Six, 5 Marks each)
Based on situation analysis from communicable or non-communicable diseases, M.CH. & FP including demography. Environmental health including Entomology and Occupational Health.
6. **Spotters (five, four Marks each)** **20 Marks**
Identification and description of relevant public health aspects of the spotters/specimen by the student. Spotters shall be from Nutrition, Environmental Health including Entomology and Occupational health, M.CH. & FP, Microbiology including parasites vaccines, sera and other immunobiologicals.
7. **Viva Voce: -** **100 Marks**
Students will be examined by all examiners together, about student's comprehension, analytical approach, expression and interpretation of data. Student shall also be given case reports, chart for interpretation. It includes discussion on dissertation.

5. M.D. (PHARMACOLOGY & THERAPEUTICS) PRACTICAL SCHEME

Day	Heads	Particulars	Marks
Day 1	Long Exercises	a) Bioassay: Guinea Pig Ileum/Frog rectum/Rat colon/Rat uterus/Rat fundus or Intact animal experiments. - 150 Marks b) Demonstration of experimental technique and equipment handling - 50 Marks	200

6. M.D. (PEADIATRICS) PRACTICAL /CLINICAL EXAMINATION: -

SN.	Heads	Marks
1	Two long cases of 100 marks each	200
2	Two short cases of 50 Marks each	100
3	Viva Voce	100
Total Marks		400 Marks

Day 1 or 2	Short exercises	a) Criticism and comments on research Paper or protocol - 50 Marks b) Human Pharmacology: Demonstration of Pharmacodynamic techniques and Evaluation of skills in clinical - 50 Marks Pharmacology and therapeutics Or b) Solving Therapeutic problem or criticism of promotional literature or proprietary Preparations. - 50 Marks	100
Day 2	Viva voce	a) Dissertation presentation and viva - 25 Marks b) Viva-voce examination. - 75 Marks	100
Total Marks			400

7. M.D. (PSYCHIATRY) PRACTICAL SCHEME: -

SN	Heads	Marks
1	Two Psychiatry Long Cases - 100 X 2	200
2	One Neuro Psychiatry	50
3	One Case Speciality- Child/Geriatric etc.	50
4	Viva voce -	100
Total		400

8. M.D. (DERMATOLOGY, VENEROLOGY, LEPROSY, COSMETOLOGY AND HIV AIDS)**PRACTICAL SCHEME: -**

SN	Heads	Marks
1	One long case	100 x 01 = 100
2	Two short cases	50 x 02 = 100
3	Ten spotters	10 x 05 = 50
4	Five hospital slides	05 x 10 = 50
5	Viva	100
Total		400 Marks

9. M.D. (RADIO-DIAGNOSIS) PRACTICAL /CLINICAL EXAMINATION: -

Topics	Marks
Sopt Films (30)	60
Long Case (1)	100
Short Cases (02) (50 Each)	100
Film Reading Session	60
Instruments	30
Viva	50
Total	400Marks

10. M.D. (BIOCHEMISTRY) PRACTICAL SCHEME: -

SN	Heads	Marks
1.	Clinical case 1: - 5 Investigations based on the diagnosis of a given case	150
2.	Clinical case 2: - a) Enzyme kinetics - 50 Marks b) Technique - 50 Marks (Chromatography/Electrophoresis)	100
3.	Standardization & Interpretation of Quality Control Charts	50
4.	Microteaching to judge the skill of teaching	30
5.	General Viva voce examination including viva on Dissertation	70
Total		400 Marks

11. M.D. (ANATOMY) DISTRIBUTION OF MARKS (PRACTICAL)

Day	Heads	Particulars	Marks
Day 1	Long Case	Dissection	100
	Short Case	Microanatomy - - (5 x 8)	40
		Neuroanatomy - Slides	
		Genetics - Chart - (One)	10
		Embryology - Slides - (Two)	10
		Histology techniques - Staining, H & E - Use of Microtome	50

Day 2	Viva/Orals	Microteaching	30
		Grand Viva soft parts	40
		Neuroanatomy	20
		Bones,	40
		Radiology including CT Scan & MRI,	20
		Embryology Models,	20
		Surface and Living Anatomy- (Ten Marks Each)	20
Total		400	

12.M.D. (PHYSIOLOGY) DISTRIBUTION OF MARKS (Practical)

Day	Heads	Marks
Day 1	(i) Human Experiment	50
	(ii) Amphibian	50
	(i) Mammalian	50
	(iv) Haematology	50
	(v) Clinical Presentation	50
Day 2	I) Microteaching	50
	II) General Viva	100
Total		400 Marks

13. M.D. (RESPIRATORY MEDICINE) PRACTICAL SCHEME: -

Sr.No.	HEADS	Marks
1	a) One Long Case- Examination of Patient- 30 minutes - Evaluation by examiners- 15 minutes	100
2	b) Two Short case- Examination of Patient - 20 minutes Evaluation by examiners- 10 minutes	100
3	Oral- each candidate will be examined for- 30 minutes	200
Total		400

14. M.D. (ANAESTHESIOLOGY) PRACTICAL/CLINICAL SCHEME: -

SN.	Heading	Heading	Marks		Time
1	Clinical Case - I	Long Case - One	100	100	30 Min
2	Clinical Case - II	Short Cases - Two	50 + 50	100	30 Min
3	Viva Voce - I	Equipments, X-Rays & ECG	60+20+20	100	15 Min
4	Viva Voce - II	Drugs, investigation, charts & laboratory findings	60+20+20	100	15 Min
Total Marks				400	

15. M.D. (RADIOTHERAPY) PRACTICAL SCHEME: -

SN	Heads	Marks
1.	Clinical - Long/Question	100
2.	Clinical - Short/Question (50x2)	100
3.	Viva & Voce	200
Total Marks		400 Marks

9.4 CRITERIA FOR PASSING

A candidate shall secure not less than 50% marks in each head which shall include (1) Theory (2) Practical / Clinical and viva voce examination.

9.5 RESULT OF EXAMINATION

9.5.1 No marks will be assigned.

9.5.2 The fitness of the candidate for award of degree will be decided by all four examiner

9.5.3 The results of the examinations will be declared as Pass Fail in the concerned subject.

10. CANCELLATION OF ADMISSION

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

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

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

10.1.3 He/ she is found to be involved in serious breach of discipline in the institution or the University camp.

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 Dean/Director/Principal/Heads of Department/ Constituent College/ Schools. The decision of the vice chancellor shall be final

ORDINANCE No - 98
ACADEMIC REGULATIONS
for
Post Graduate (M.Sc.) Degree
Programme in Agriculture

1. Academic Year and Registration

- An academic year shall be normally form July to June of the following calendar year otherwise required under special situations. It shall be divided into two academic terms known as semester. Dates of registration, commencement of instructions, semester and examination, end of semester and academic year, etc. The Academic Calendar shall be developed by the concerned University from time to time and notified accordingly by the Registrar in advance.
- An orientation programme shall be organized by the Director (Education)/ Dean PGS for the benefit of the newly admitted students immediately after commencement of the semester.
- On successful completion of a semester, the continuing students shall register for subsequent semester on the date specified in the Academic/ Semester Calendar or specially notified separately. Every enrolled students shall be required to register at the beginning of each semester till the completion of his/ her degree programmes.

2. Credit requirements

2.1 Framework of the courses

The following nomenclature and credit hrs need to be followed while providing the syllabus for all the disciplines:

Master's Programme		
(i)	Course Work	
	Major courses	20
	Minor Courses	08
	Supporting Courses	06
	Common Courses	05
	Seminar	01
(ii)	Thesis Research	30
	Total	70

Major Courses: From the Discipline in which a student takes admission. Among the listed courses, the core courses compulsorily to be taken may be given mark.

Minor Courses: From the subjects closely related to a student's major subject

Supporting Courses: The subject not related to the major subject. It could be any subject considered Relevant for students' research work (such as Statistical Methods, Design of Experiments, etc.) or necessary for building his/ her overall competence.

Common Courses: The following courses (one Credit each) will be offered to all student undergoing Master's degree programme:

1. Library and Information Services
2. Technical Writing and Communications Skills
3. Intellectual Property and its management in Agriculture
4. Basic Concepts in Laboratory Techniques
5. Agricultural Research, Research Ethics and Rural Development Programmes

Some of these Courses are already in the form of e-courses/MOOCs. The students may be allowed to register these Courses/ similar courses on these aspects, if available online on SWAYAM or any other platform. If a student has already completed any of these courses during UG, he/ she may be permitted to register for other related courses with the prior approval of the Head of Department (HOD)/ Board of Studies (BOS).

2.2. Supporting Courses

The following courses are being offered by various disciplines (The list is only indicative). Based on the requirement, any of the following courses may be opted under the supporting courses. The syllabi of these courses are available in the respective disciplines. If required, the contents may be modified to suit the individual discipline with approval of the concerned BoS:

Code	Course Title	Credit Hours
STAT 501	Mathematics for Applied Sciences	2+0
STAT 502	Statistical Methods for Applied Science	3+1
STAT 511	Experimental Designs	2+1
STAT 512	Basic Sampling Techniques	2+1
STAT 521	Applied Regression Analysis	2+1
STAT 522	Data Analysis Using Statistical Packages	2+1
MCA 501	Computers Fundamentals and Programming	2+1
MCA 502	Computer Organization and Architecture	2+0
MCA 511	Introduction to Communication Technologies, Computer Networking and Internet	1+1
MCA 512	Information Technology in Agriculture	1+1

BIO CHEM 501	Basic Biochemistry	3+1
BIO CHEM 505	Techniques in Biochemistry	2+2

2.3 Mandatory requirement of seminars

- It has been agreed to have mandatory seminars one in Masters (One Credit) and two in Doctoral Programmes (two Credits).
- The students should be encouraged to make presentations on the latest developments and literature in the area of research topic. This will provide training to the students on preparation for seminar, organizing the work, critical analysis of data and presentation skills.

3 Residential requirements

- The minimum and maximum duration of residential requirement for Master's

Degree Shall be as follows:

P.G. Degree Programmes	Duration of Residential Requirement	
	Minimum	Maximum
Master's Degree	2 Academic Years (4 Semesters)	5 Academic Years (10 Semesters)

* Students may be allowed to discontinue temporarily only after completion of courses work

In case a student's fails to complete the degree programme within the maximum duration of residential requirement, his/ her admission shall stand cancelled. The requirement shall be treated as satisfactory in the cases in which a student submits his/ her thesis any time during the 4th and 6th semester of his/ her resident ship at the University for Master's programme respectively.

4 Evaluation of courses work and comprehensive examination

- For M.Sc., multiple levels of evaluation (First Test, Midterm & Final semester) is desirable. However, it has been felt that the comprehensive examination is redundant for M.Sc. Students.

5. Advisory System

5.1 Advisory Committee

- There shall be an advisory committee for every student consisting of not fewer than three members in the case of a candidate for Master's degree with the Advisor as Chairperson. The Advisory Committee should have representatives from the major and minor fields amongst the members of the Post-graduate faculty accredited for appropriate P.G. level research.

However, in those departments where qualified staff exists but due to unavoidable reasons Post-graduate degree programmes are not existing of two years or more may be included in the Advisory Committee as member representative the minor.

- At any given time, a P.G. teacher shall not be a Chairperson Advisory Committee (including Master's programmes) for more than five students.
- The Advisor should convene a meeting of the Advisory Committee at least once in a Semester. The summary record should be communicated to the Head of Department, Dean of the College of concerned, Director (Education)/ Dean PGS and Registrar for information.

Advisor/ Member, Advisory Committee from other collaborating University/ Institute/ Organization

- In order to promote quality Post-graduate research and training in cutting edge areas, the University may enter into Memorandum of Understanding (MOU) with other Universities/ Institutions for conducting research. While constituting an Advisory Committee of a student, if the Chairperson, Advisory Committee feels the requirement of involving of a faculty member/ scientist of such partnering university/ Institute/ Organization, he/ she may send a proposal to this effect to Director (Education)/ Dean PGS along with the proposal for consideration of Student's Advisory Committee (SAC).
- The proposed faculty member from the partnering institution can be allowed to act as Chairperson/ Member, SAC, by mutual consent, primarily on the basis of intellectual input and time devoted for carrying out the research work at the particular institution. The faculty member/ scientist of partnering institutions in the SAC shall become a temporary faculty member of the University by following the procedure approved by the Academic Council.

Allotment of students to the retiring persons

Normally, retiring person may not be allotted M. Sc. Student if he/ she is left with less than 2 years of service

However, in special circumstances, permission may be obtained from the Director (Education)/ Dean PGS, after due recommendation by the concerned Head of the Department.

Changes in the Advisory Committee:

- (i) Change of the Chairperson or any member of the Advisory Committee is not ordinarily permissible. However, in exceptional cases, the change may be effected with due approval of the Director of Education/ Dean PGS.
- (ii) Normally, staff members of the university on extra ordinary leave or on study leave or who leave the University service will cease to continue to serve as advisors of the Post-graduate students of the University. However, the Director (Education)/ Dean PGS may permit them to continue to serve as advisor subject to the following conditions:
 - (a) The concerned staff member must be resident in India and if he/she agrees to guide research and must be available for occasional consultations;
 - (b) An application is made by the student concerned duly supported by the Advisory Committee;
 - (c) The Head of the Department and the Dean of the College concerned agree to the proposal;
 - (d) The staff member, after leaving the University service is granted the status of honorary faculty's membership by the Vice-Chancellor on the recommendation of the Director (Education)/ Dean PGS for guiding as Chairperson or Member, Advisory Committee the thesis/ theses of the student(s) concerned only.
- (iii) In case the Chairperson/ member of a Student's Advisory Committee retires, he/she shall be allowed to continue provided that the student has completed his course work and minimum of 10 research credits and the retiring Chairperson/ member stays at the Headquarters of the College, till the thesis is submitted.
- (iv) If the Chairperson/ member proceeds on deputation to another organization. He/ she may be permitted to guide the student provided his/her new organization is at the Headquarters of the College and his/her organization is willing for the same.
- (v) The change shall be communicated to all concerned by the Head of Department.

6. Prevention of plagiarism

- An institutional mechanism should be in place to check the plagiarism. The students must be made aware that manipulation of the data/ plagiarism is punishable with serious consequences.

7. Learning through online courses

- In line with the suggestion in new education policy and the initiatives taken by ICAR and MHRD in the form of e-courses, MOOCs, SWAYAM, etc. and also changes taking place globally in respect of learning through online resources it has been agreed to permit the students to enrol for online courses. It is expected that the provision of integrating available online courses with the traditional system of education would provide the students opportunities to improve their employability by imbibing the additional skills and competitive edge.

The Committee recommends the following points while integrating the online courses:

1. Board of Studies (BoS) of each Faculty shall identify available online courses and a student may select from the listed courses. The interested students may provide the details of the on-line courses to the BoS for its consideration.
2. A Postgraduate student may take up to a maximum of 20% credits in a semester through online learning resources.
3. The host institute offering the course does the evaluation and provide marks/ grades. The BoS shall develop the conversion formula for calculation of GPA and it may do appropriate checks on delivery methods and do additional evaluations, if needed.

8. Internship during Masters programme

Internship for Development of Entrepreneurship in Agriculture (IDEA)

Currently, a provision of 30 credits for dissertation work in M.Sc./M.Tech/M.F.Sc./M.V.Sc. programmes helps practically only those students who aspire to pursue their career in academic/ research. There is hardly any opportunity/ provision under this

system to enhance the entrepreneurship skills of those students who could start their own enterprise or have adequate skills to join the industry. Therefore, in order to overcome this gap, an optional internship/ in-plant training (called as IDEA) in lieu of thesis/ research work is recommended which will give the students an opportunity to have a real-time hands-on experience in the industry.

It is envisaged that the internship/in-plant training would enhance the interactions between academic organizations and the relevant industry. It would not only enable the development of highly learned and skilled manpower to start their own enterprises but also the industry would also be benefitted through this process. This pragmatic approach would definitely result in enhanced partnerships between academia and industry.

The main objectives of the programme:

1. To promote the linkages between academia and industry
2. To establish newer University - Cooperative R&D together with industry for knowledge creation, research and commercialization
3. Collaboration between Universities and industries through pilot projects
4. To develop methods for knowledge transfer, innovation and networking potential
5. To enhance skill, career development and employability

Following criteria for IDEA will be taken into consideration:

- At any point of time there will not be more than 50% of students who can opt under IDEA
- Major Advisor will be from Academia and Co-advisor (or Advisory Committee member) from industry
- Total credits (30) will be divided into 20 for internship/in-plant training and 10 for writing the report followed by viva-voce similar to dissertation
- Work place will be industry; however, academic/ research support would be provided by the University or both. MoU may be developed accordingly
- The IPR, if any, would be as per the University policy

2. Compliance with the National Education Policy-2020

- While implementing the course structure and contents recommended by the BSMA Committees, the Higher Education Institutions (HEIs) are required to comply with the provisions of National Education Policy-2020, especially the following aspects:
- Given the 21st century requirements, quality higher education must aim to develop good, thoughtful, well-rounded, and creative individuals. It must enable an individual to study one or more specialized areas of interest at a deep level, and also develop character, ethical and Constitutional values, and intellectual curiosity. Scientific temper, creativity, spirit of service, and 21st century capabilities across a range of disciplines including sciences, social sciences, arts, humanities, languages, as well as professional, technical, and vocational subjects. A quality higher education must enable personal accomplishment and enlightenment, constructive public engagement, and productive contribution to the society. It must prepare students for more meaningful and satisfying lives and work roles and enable economic independence (9.1.1. of NEP-2020).
- At the societal level, higher education must enable the development of an enlightened, socially conscious, knowledgeable, and skilled nation that can find and implement robust solutions to its own problems. Higher education must form the basis for knowledge creation and innovation thereby contributing to a growing national economy. The purpose of quality higher education is, therefore, more than the creation of greater opportunities for individual employment. It represents the key to more vibrant, socially engaged, cooperative communities and a happier, Cohesive, cultured, productive, innovative, progressive, and prosperous nation (9.1.3. of NEP-2020).
- Flexibility in curriculum and novel and engaging course options will be on offer to students. In addition to rigorous specialization in a subject or subjects. This will be encouraged by increased faculty and institutional autonomy in setting curricula.

Pedagogy will have an increased emphasis on communication, discussion, debate, research, and opportunities for cross-disciplinary and interdisciplinary thinking (11.6 of NEP-2020).

- As part of a holistic education, students at all HEIs will be provided with opportunities for internships with local industry, businesses, artists, crafts persons, etc., as well as research internships with faculty and researchers at their own or other HEIs/research institutions, so that students may actively engage with the practical side of their learning and, as a by-product, further improve their employability (11.8 of NEP-2020).
- HEIs will focus on research and innovation by setting up start-up incubation centres: technology development centres: centres in frontier areas of research; greater industry academic linkages; and interdisciplinary research including humanities and social sciences research (11.12. of NEP-2020).
- Effective learning requires a comprehensive approach that involves appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support. The curriculum must be interesting and relevant, and updated regularly to align with the latest knowledge requirements and to meet specified learning outcomes. High-quality pedagogy is then necessary to successfully impart the curricular material to students: pedagogical practices determine the learning experiences that are provided to students, thus directly influencing learning outcomes. The assessment methods must be scientific, designed to continuously improve learning and test the application of knowledge. Last but not least, the development of capacities that promote student wellness such as fitness, good health, psycho-social well-being, and sound ethical grounding are also critical for high-quality learning (12.1. of NEP-2020).

10. 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. the decision of the Vice-Chancellor shall be final.
11. The Reservation to SC/ST/Other category candidates shall be applicable as per the norms of the State Government of Madhya Pradesh.

Important:-

- The mentioned regulation and clause of the ordinance are based on the recommendation of Broad Subject Matter Area (BSMA) committee of ICAR and are subject to change as and when prescribed by ICAR.
- Course Curriculum for Master and Ph.D. Degree programmes will be based on the recommendation of Indian Council of Agriculture Research BSMA committee and is subject to modification as and when prescribed by ICAR.

ORDINANCE No - 99

Governing the Postgraduate Degree program on successful completion of two years (four semesters)

For

MASTER OF LAWS (LL.M.)

Under Choice Based Credit System

1. TITLE AND COMMENCEMENT:

- 1.1.** This Ordinance shall be called as Ordinance regulating the award of Master of Laws, in short, LL.M.
- 1.2.** This ordinance will come into force from the Academic Session commencing after the date of notification issued by the University.

2. DEFINITION & KEY WORDS:

- 2.1.** "Vishwavidyalaya" or "University" means
- 2.2.** "Student" means one who has been admitted in the Two-year LL.M. Program of this University through Vishwavidyalaya Entrance Test (VET) or by any other procedure notified by the University from time to time; they may also be referred as Prospective teacher educator;
- 2.3.** "Academic Year" means two consecutive (one odd and one even) semesters;
- 2.4.** "Choice Based Credit System (CBCS)" means a program that provides choice for students to select from the prescribe courses as per the guidelines issued by UGC/regulatory bodies wherever applicable and as approved by the appropriate bodies of the University;
- 2.5.** "Program" means the field of technical education;
- 2.6.** Course means "Papers"/ "Subjects" through different modes of delivery and is a component of a program as detailed out in the respective program structure;
- 2.7.** "Credit Point" means the product of grade point and number of credits for a course;

- 2.8.** "Credit" means a unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one and half of teaching (lecture, seminar or tutorial, practical, field work) per week. The number of credits for each course shall be defined in the respective examination scheme;
- 2.9.** "Cumulative Grade Point Average (CGPA)" means a measure of overall cumulative performance of a student in all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all semesters. It is expressed up to two decimal places;
- 2.10.** "Grade Point" means a numerical weight allotted to each letter grade on a 10-point scale or as prescribed by the UGC/University from time to time;
- 2.11.** "LL.M. Program" or "LL.M. Degree Program" means LL.M. 2 Years Degree Program;
- 2.12.** "Letter Grade" means an index of the performance of students in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, and F;
- 2.13.** "Semester Grade Point Average (SGPA)" means a measure of performance of a student in a semester. It is the ratio of total credit points secured by a student in various courses registered in a semester and the total credits of all courses during the semester. It shall be expressed up to two decimal places.
- 2.14.** "Semester" means an academic session spread over 15-18 weeks of teaching work with minimum 90 teaching days. The odd semester may normally be scheduled from July to December and even semester from January to June;
- 2.15.** "Grade Card" means a certificate based on the grades earned. Grade certificate shall be issued to all registered students after every semester. The grade certificate will contain the course details (code, title, number of credits, grade secured) along with SGPA of the semester and CGPA earned till that semester. The final semester grade certificate shall also reflect the cumulative total of marks obtained by the student in all semesters out of maximum marks allocated for which the grades of the program were evaluated. However, the final result will be based on the grades/CGPA;

2.16. "Transcript" means a certificate issued to all enrolled students in a program after successful completion of the program. It contains the SGPA of all semesters and the CGPA;

2.17. "Ex-student" means a regular student (except first semester students) who has failed to pass $n/2$ or $(n-1)/2$ courses upto first three semester, and/or failed in any subject in forth semester, or unable to appear for the examination of the University (except due to shortage of attendance) in any of its courses of study. Such student may be allowed to appear at the same examination in next session after depositing the prescribed fee as an ex-Student. He/she-student may only appear in the examination and will not be eligible for privileges of a regular student. Further, he/she will forfeit his/her right as an ex-student as soon as he/she takes an admission to a regular program of study.

3. DEGREE OF MASTER OF LAWS (LL.M.):

The University may confer the Degree of Master of Laws on such candidates who, having been admitted for LL.M. 2 Years Degree Program, have received regular instructions in the prescribed courses of study, passed relevant examinations and have fulfilled such other conditions as may be laid down by the appropriate authority from time to time.

4. EDUCATIONAL OBJECTIVES OF LL.M. 2 YEARS DEGREE PROGRAM:

LL.M. Programme has objective to:

- 1 Familiarizing students with law to the specified field of study and with judicial interpretation at the national and international level and a comparative study of the same.
- 2 To inculcate research skills and analytical abilities in students.
- 3 Imparting skill of legal reasoning, problem solving, legal research, legal writing, oral and written communication, persuasion, leadership and teamwork.
- 4 Producing internationally competent litigating lawyers, judges, judicial officers, legal officers, law reformers, and law teachers, etc.
- 5 To intimately nurture the talent of the students by a team of distinguished Judges, Legal Practitioners and Consultants, Social Activists, Corporate Counsels, and Faculty Members of law schools across the country.

5. PROGRAM OUTCOME AND PROGRAM SPECIFIC OUTCOME

5.1. PROGRAM OUTCOME

On completion of the Post Graduate study in Law, the students will:

PO.1. Acquire advanced and updated legal knowledge in general as well as in different sub-stream of law

PO.2. Improve cognitive, problem-solving skills, independent critical thinking with enhanced research capabilities

PO.3. Find, identify and interpret the law in a given situation.

PO.4. Acquaint with teaching skills

PO.5. In a position to use knowledge and skills acquired during the study in specific areas of their choice, viz., Constitutional Law, Corporate Laws, Alternative dispute resolution, Criminal Law, International trade Law, Law of Intellectual Property Rights, Human Rights, Taxational Law, Environmental law.

5.2. PROGRAM SPECIFIC OUTCOME

After completion of the program, the post-graduates of LL.M Programme will be able to following:

PSO.1. Understand, interpret and apply the law

PSO.2. Demonstrate exhaustive understanding of crucial aspects of law as chosen in specified field of study and contribute meaningfully in their respective domain.

PSO.3. Do legal research, analyze and differentiate facts and law, and solve the legal problems by applying laws and legal reasoning

PSO.4. Acquire the art of Teaching Method through Teaching Internship thereby feel confident to enter into Teaching Profession

PSO.5. Excel as leaders in the legal profession, judiciary, public service, non- profit & non-governmental organizations, entrepreneurships, and corporate entities through internship programmes.

6. DURATION OF STUDIES:

The Course for the Degree of Master of Laws under this Ordinance shall extend over a period of two academic years comprising four semesters in total. The Four Semesters over which the Curriculum is spread shall, respectively, be called the First, the Second, the Third and the Fourth Semester. The odd term semester, i.e., First Semester or Third Semester, shall ordinarily extend from the day of reopening of the University after Summer vacation to appointed day in December of the same year, and the even term Semester, i.e., Second Semester or Fourth Semester shall ordinarily extend from an appointed day in January in the following year to the last working day of the concerned Academic Year.

7. MAXIMUM DURATION OF COMPLETION OF COURSE:

7.1. The maximum duration for completing the course shall be of four year which shall count from the year of latest admission in the first semester. For this purpose, latest admission will mean either, 'Readmission' or 'Fresh Admission' through VET, in first semester. No student shall be allowed to take further admission in the program after the expiry of four years.

7.2. The maximum total duration shall include the period of absence, withdrawn and different kinds of leave permissible to a student but it shall exclude the period of rustication/suspension/or any other penalty period imposed by the University.

8. NUMBER OF SEATS:

Number of seats in LL.M. 2 Years degree Program will be such as approved and notified by the Academic Council of the University and as advertised for admission to the Program.

9. FEES:

The students pursuing the LL.M. 2 Years Degree Course of Study shall have to pay fee as may be prescribed by the University from time to time.

10. ADMISSION PROCEDURE:

10.1. Only those candidates will be admitted to Master of Laws course who qualify in the entrance examination and are also otherwise eligible under the admission rules of the University.

10.2. The admission to LL.M. First Semester will be made strictly on merit on the basis of entrance test (VET) or by any other method conducted by the Vishwavidyalaya

for this purpose or any other procedure as notified by the university from time to time.

11. MINIMUM QUALIFICATION FOR ADMISSION:

11.1. Aspirants seeking admission in 2 years LL.M Programme must have passed LL.B after graduation under 10+2+3 pattern or five-year integrated LL.B. under 10+2+5 pattern recognized by the Bar Council of India securing a minimum of 55% marks in the aggregate in LL.B. Degree. However, this will be subjected to the Relaxation of 5% to aspirant belonging to the category of SC/ST (Non-Creamy Layer).

11.2. Reservation in admission for OBC/SC/ST/EWS/PWD (Person with Disability) and Kashmiri migrant candidates, as specified by Government of India/UGC and notified by the university shall be followed.

11.3. Foreign nationals either residing in India or abroad or Indian nationals residing abroad may be admitted to the Program according to the policy guidelines laid down by the Government of India/ University from time to time as per the number of seats available for this category. These seats will be supernumerary and shall be advertised separately in addition to the seats approved for each program.

12. ENROLMENT IN THE UNIVERSITY:

12.1. Every student admitted to the program shall be enrolled before appearing in the first semester examination through the procedure prescribed by the competent authority of the University from time to time.

12.2. No application for registration shall be entertained unless the candidate gives a written undertaking that:

(a) He/she shall exclusively devote his time to the study of courses prescribed for LL.M. Degree and in particular he shall not offer any other course leading to a degree of any description whatsoever, nor shall he undertake any remunerative work.

(b) He/she shall not undergo practical training in Law for the purpose of being enrolled as an Advocate during his studies to the Degree of Master of Laws; and

(c) He/she shall abide by the provisions of the Rules and Regulation and orders of Officers and Authorities of the University from time to time.

- (d) He/she shall abide by the Student's Code of Conduct as framed from time to time by the appropriate authority of the University, failing which may result in disciplinary action(s).

13. PROGRAM STRUCTURE & COURSE CONTENTS:

The study of LL.M. 2 Year degree program shall comprise of courses of study the structure and contents of which shall be such as decided by the University from time to time. Provided that the Board of Studies of the department or School will have rights to approve or modified program structure and content of various courses from time to time and report the same to the appropriate authority of Vishwavidyalaya. The program shall be based on Choice Based Credit System.

14. REGULAR COURSE OF STUDY:

A candidate for the Degree of Master of Laws shall be required to:

- (i) Study compulsory course(s) paper in each semester in as many number(s) as specified in the following table:

Table 1: No. of compulsory paper in each semester

Semester No.	No. of Compulsory Paper
First Semester	One
Second Semester	One
Third Semester	One
Fourth Semester	Three

- (ii) Study One Optional Group in each First Semester, Second Semester and Third Semester. Each Optional Group shall consist of three papers.
- (iii) Undergo for Teaching Internship within the University under the supervision of Professor for three months in the IVth Semester as specified.
- (iv) Write a Dissertation under the guidance of Supervisor in the Fourth Semester (one academic year) on a subject approved by the Dean/HOD.
- (v) The medium of instruction will be English.

15. ATTENDANCE AND ELIGIBILITY TO APPEAR IN THE EXAMINATION:

15.1. Every student must secure 80% of attendance in the in aggregate in all coursework and practicum to appear in the end-semester examination including lectures, practical, tutorials, etc.

15.2. A candidate will be eligible to appear in the Semester Examination who having been duly admitted to the LL.M. Degree Program of Study has undergone a regular course of study and has secured not less than 90% attendance in each course paper but has secured 80% attendance in all the course paper taken together.

15.3. However, the Dean of School of Law may consider on an application by the candidate, supplemented with necessary documents considered to be fit for grant, may condone the aggregate attendance up to 70% on the basis of following reasons:

- a. Participation in NCC/NSS Camps, duly supported by a certificate from the Commanding Officer;
- b. Participation in University Team(s)/Games or Inter-state or Inter-University tournament(s) duly supported by a certificate from appropriate authority of the University;
- c. Participation in educational excursion conducted on working days certified by the Dean or Head of the department. These excursions shall not include those organized for the class as a whole;
- d. Participation in any of co-curricular activities organized by the Institute/Department/School, duly certified by competent authority;
- e. Prolonged illness duly certified by the Registered Medical Practitioner;
- f. Any other cogent reason up to the satisfaction of the Head of Department/Dean.

16. EXAMINATION AND EVALUATION:**16.1. General:**

16.1.1. The academic performance of a candidate shall be evaluated in respect of the courses of study prescribed for each semester through: (a) Evaluation of End Semester Examinations, (b) Continuous Internal

Assessment, (c) Assessment of Teaching Internship, and (d) Assessment of Dissertation and Viva Voce.

- 16.1.2.** There shall be a University examination at the end of the First, Second, Third and Fourth Semester and the candidate for the Degree of Master of Laws shall be required to pass in all the prescribed courses within a maximum period of four years from the year of his/her latest admission in the First Semester of the Program. No student shall be allowed to take further admission in the program after the expiry of four years. This requirement is subject to clause 7.2 as mentioned above.
- 16.1.3.** The medium of examination for LL.M. Course shall be English.
- 16.1.4.** Students shall be examined in thirteen theory papers as prescribed in the syllabus. Each paper will one hundred marks. Out of 100 marks, 70% shall be allotted for the end semester examinations and 30% marks shall be allotted to continuous internal assessments.
- 16.1.5.** Besides, each student in forth semester shall undergo for Teaching Internship. His/her performance in teaching internship will be evaluated for 100 marks.
- 16.1.6.** In addition, each student in forth semester is also required to submit a Dissertation and also to undergo for viva voce carrying, each carrying 100 marks. His/her performance in Dissertation work and in viva voce will be evaluated separately.
- 16.1.7.** The minimum percentage of marks to pass the course in each semester shall be 50%.
- 16.1.8.** Minimum passing grade of each course will be 'C'.
- 16.1.9.** For award of LL.M. degree each candidate shall have to secure 5.0 CGPA.

16.2. LL.M. Examination:

16.2.1. Examination of Theory Paper

- 16.2.1.1.** The examination for theory papers will be taken semester wise, and will be held on such dates as may be notified by the appropriate authority of the University.

- 16.2.1.2. Candidates shall be examined according to the Scheme of Examination and Syllabus as approved by the Academic Council from time to time.
- 16.2.1.3. Examination of theory paper shall be conducted by means of written papers, each carrying 70 marks and of three-hour duration.
- 16.2.1.4. In each paper 30 marks shall be reserved for award on the basis of Continuous Internal Assessment.
- 16.2.1.5. Evaluation of theory paper shall be entirely internal. The Teacher-in-Charge of the concerned course paper may be required to frame the question paper and evaluate the answer script. If a course paper is offered by more than one teacher, the setting of question paper and evaluation may be done jointly. In case, the teacher in charge of the concerned course paper is not available, the Head of Department may assign the task of evaluation of answer script to any teacher who is available.
- 16.2.1.6. The continuous internal assessment of 30 marks in each theory paper will comprise of:
- (1) Assessment of Written Exam for 15 marks.

Note: -

There will be one compulsory internal written exam during the semester. The performance of students will be assessed by the teacher offering the course on the basis of response of students. If a student fails to give internal exam because of some emergencies/unforeseen situation, the Dean of School may permit the student to appear in the special internal exam on the satisfaction of the reason mentioned by student for not appearing in the regular internal exam.

- (2) **Assessment of Written Project Work and Oral Defence:**
10 marks for written Project Work and 5 marks for oral defence of written project.

Note: -

1. The teacher in charge of the paper shall allot the project titles to the students within 20 days from the commencement of the semester.
2. Within one month of the start of the semester the student shall submit the synopsis of their project work and get approval of the concerned teacher in charge.
3. Once the topic and synopsis are approved by the Teacher in charge, no change will be permissible.
4. The teacher in charge of the project work shall continuously evaluate the project work of the students during their available time.
5. A written report of project shall be submitted and oral defence of his/her written report shall be made by the students to the teacher concerned by the time before the commencement of semester exam or by the time fixed by the Head of the Department.
6. No Plagiarism, in any form, will be allowed and necessary action will be taken to discourage it.
7. The Teacher-in-Charge of the project work will take care that oral defence is not taken during the teaching hours.
8. No students will be allowed to submit the project report and made oral defence after the schedule date is over.
9. If a student remains fail in submitted the report on the project and/or make oral defence in due time. single opportunity, under special circumstances, for submitting the project report and/or making oral defence will be given to them. To avail this opportunity, he/she has to, before the commencement of semester exam, through Head, apply to Dean of school of law asking for grant of this opportunity. The dean after being satisfied with

the reason so supplied by the student may allow such grant.

16.2.2. Teaching Internship

- 16.2.1.1 Every student has to carry out teaching internship in which case the student concerned shall be put into internship in teaching under a senior Professor for a period of three months in the Final Semester within the University.
- 16.2.1.2 The Dean of School of Law in coordination of Head of Department will provide list of Professors under whom the intern will undergo for their internship.
- 16.2.1.3 The Intern will have to provide the list of professors in preferential order under whom they want to undergo for internship.
- 16.2.1.4 The Head of Department after processing the list so provided by interns will then allocate the professor to the intern underwhom they have to undergo for their internship. The decision of the Head which will be based on availability of the professors will be final.
- 16.2.1.5 The Professor, under whom intern undergo for internship, will guide and supervise the intern during their internship.
- 16.2.1.6 The Supervisor professor with coordination of Head will provide the log of students to the teaching intern.
- 16.2.1.7 The Supervisor professor can engage with him Associate professor(s) or Assistant Professor(s) within the faculty of law for his/her Assistance who will act as mentor of Intern for internship purpose.
- 16.2.1.8 The Intern will have to submit three, physical and uniform, typed and bound copies, along with the soft copy, of his internship report to the Head of Department of Law by the time one week before the commencement of Semester Exam.
- 16.2.1.9 The Intern will maintain that his report will not include any confidential information either related to supervisor/Faculties/ Colleagues/ Students/ office of employing Institution.
- 16.2.1.10 No teaching Intern who undergoes for internship withing the University will be provided any monetary remuneration for his/her internship.
- 16.2.1.11 Every teaching Intern who undergoes the internship withing the Faculty/School of Law within the University, he/she will

including the obligations to students, to parents and to the Faculty/School of Law of the University. The details of these obligations and responsibilities will be mentioned course contents. And any violation of these administrative regulation on teaching internship may result in cause to initiate proceedings for revocation or suspension from L.L.M. Program.

- 16.2.1.12** Teaching Interns will be evaluated by the Supervisor in many diverse areas. The Supervisor will use the following parameter for assessment of Intern:

Contents Knowledge (10 Marks)
Lesson Plan (10 Marks)
Development of Instructional Materials/Teaching Contents (10 Marks)
Classroom Management (10 Marks)
Reflection of Teaching Contents in Classroom (10 Marks)
Involvement in Activities organized by School of Law (10 Marks)
Relation with Supervisor and with School Administration (10 Marks)
Human Qualities (10 Marks)
Attendance and Diary Maintaining (10 Marks)
Quality of the Internship Report (10 Marks)

- 16.2.1.13** The performance of student will be assessed with reference to above mentioned criterion by using a Teaching Internship Evaluation Form as prescribed in Appendix I of this Ordinance.
- 16.2.1.14** The candidate shall be required to secure at least 50% marks in the Teaching Internship to pass.
- 16.2.1.15** A candidate who remains fail in securing 50% marks in Teaching Internship will be given only one opportunity to undergo for further Internship in the respective semester in next academic session. The marks obtained in other papers, if

it is not less than minimum passing marks, will be carried to the next examination.

- 16.2.1.16** The School of Law will have rights to regulate on matter of internship which has not been mentioned above or which needs clarifications, removal of doubts, etc.

16.2.3. Dissertation and Viva voce:

- 16.2.3.1.** The students shall prepare three typed and bound uniform copies of Dissertation (duly signed by Supervisor) along with its soft copy in word and pdf. format (no image file) and submit to the Head of Department by the time two week before the commencement of forth Semester Exam. Dissertation submitted afterward will not be evaluated and therefore the student has to resubmit his/her dissertation work in the respective semester in the following academic session. However, the Dean of the School may permit the student to submit the Dissertation work on the satisfaction of the reason mentioned by the student for not submitting the work in due time under the condition that student will submit the work before commencement of semester exam.

- 16.2.3.2.** The copies of the dissertation so submitted will be evaluated by External Examiner, (approved by appropriate authority for this purpose) in addition to Internal Examiner who shall be the Dissertation supervisor of the student. Each Examiner will evaluate the Dissertation for 100 marks. Whereas the External Examiner will evaluate the final Dissertation work for 100 marks, the Internal Examiner will evaluate the performance of students at two levels: (1) Pre-Submission Seminar on Dissertation work for 50 Marks, and (2) Final Dissertation work for 50 Marks. The average of the marks obtained by the student by both the Internal and External Examiner will count for award for dissertation work.

- 16.2.3.3.** The date and the time (which will probably lie 40 days after commencement of 4th semester) for taking part in the Pre-

Submission Seminar of students will be notified by the Head in consultation with Departmental Education Committee. On the allotted date and time, student taking part in Dissertation work will have to perform in Pre-submission seminar while presenting his/her work through PPT and satisfying the queries of Internal Examiner. HOD will supervise the conduct of Pre-submission seminar himself or will nominate other faculty member(s) so to do.

16.2.3.4. If any student whose name is mentioned in the schedule time slot remain absents or does not perform in Pre-Submission Seminar, his/her performance will be evaluated NIL by deeming that he/she was present but does not perform in Pre-Submission Seminar.

16.2.3.5. The criterion of assessment of Pre-Submission Seminar will be as follows:

Ability to introduce the background knowledge of Research Problem (10 Marks)	Ability to present concisely the methodology of dissertation (10 Marks)	Ability to justify the conclusion and suggestion (10 Marks)	Presentation Style (10 Marks)	Response to questions and comments (10 Marks)
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16.2.3.6. The criteria for assessment of final dissertation work will be as follows:

Knowledge & Understanding (30 %)	Application and Analysis (30 %)	Coherent structure (10%)	Literature Review (10%)	Research & Citation (10 %)	Methodology (10%)
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- 16.2.3.7. After the submission of the dissertation, student will be put into viva voce examination.
- 16.2.3.8. The viva voce examination of the dissertation will be conducted by a board constituted of concerned supervisor and external examiner under the chairmanship of the Head of Department. In the absence of supervisor, the Head of the Department shall act as internal examiner, but in the absence of both, the Dean/Vice-Chancellor may appoint anyone whosoever he/she deems fit.
- 16.2.3.9. Such viva voce examination will be conducted in the presence of External Examiner for evaluation of 100 marks. The appearance of students and his/her performance in viva voce examination is mandatory. If on the day of viva voce examination any student remain absents or does not perform in the said exam, his/her performance will be evaluated NIL by deeming that he/she was present in viva voce examination but does not perform in viva voce examination.
- 16.2.3.10. The purpose of the viva examination is to ensure that, among other things, student can defend his dissertation work verbally.
- 16.2.3.11. A candidate has to secure minimum 50 marks in order to pass in the examination of his/her performance in Dissertation work. Similarly, a candidate has to secure minimum 50 marks in order to pass in viva voce examination.

16.2.3.12. A student who has—

- (i) failed to submit the dissertation, or
- (ii) has failed in the examination of his/her performance in dissertation work, or
- (iii) has failed to appear in viva voce examination, or
- (iv) has failed in viva voce examination.

will be required to resubmit the dissertation and undergo for viva voce in the respective semester examination of the following academic session, The marks obtained by him/her in theory paper, if it is not less than minimum passing marks, will be carried to the next examination.

16.2.3.13. The Dissertation must have the PLAGIARISM CHECK CERTIFICATE duly signed by the Librarian of the either Central Library or Faculty of Law.**16.2.3.14. No candidate shall be allowed to publish the Dissertation, submitted to the University without prior written sanction.****16.2.3.15. The School of Law will have rights to regulate on matter of Dissertation and Viva voce which has not been mentioned above or which needs clarifications, removal of doubts, etc.****16.3. Review of Answer Script****16.3.1. Review of answer script means and include:**

- (i) Consideration on the error apparent on face of record in answer script;
- (ii) Re-consideration in details of all or part of answer written by student in the answer script,

but it does not mean re-evaluation of the answer script.

16.3.2. After evaluation of answer script of semester examination of theory paper, students may see the answer-scripts by consulting the concerned teacher within 3 working days or such number of days as will be displayed on the notice board.

- 16.3.3. If any student is not satisfied with the clarification to the queries given by the teacher-in-charge to a student regarding evaluation of the answer script of semester examination, he/she may apply for review of the concerned answer script through an application form prescribed in Appendix-II of this Ordinance. Provided, if any fee is prescribed for this purpose by the Appropriate Authority of the University, the application for review will be accepted by the department subject to the payment of such fees.
- 16.3.4. Application for Review of answer script will be accepted only in context of semester examination of theory paper. As such, application for review will not be accepted in context of internal assessment and assessment/evaluation of Dissertation, Viva Voce, and Teaching Internship.
- 16.3.5. Application for Review of the answer sheet will be accepted within five days after the evaluated answer script become available for student to be seen or any other day which will be notified by Head of Department. No application will be accepted thereafter for this purpose.
- 16.3.6. For the purpose of review of answer script, only the duly filled up Application form by the student in his own handwriting will be allowed.
- 16.3.7. For the purpose of review of answer script of applicant, a three-member committee (subject wise) will be constituted, comprising:
- (i) Dean of School of Law (Member & Chairperson)
 - (ii) Head of Department of Law (Member)
 - (iii) Second Examiner (either external or any internal faculty member(s), expert in the subject, other than those who originally evaluated the answer script).
- 16.3.8. The committee will review the answer script of the student and will submit the report on change in marks to the Controller of Examination.
- 16.3.9. In the process of review, the applicant will not present before the committee unless the opinion of the committee warrant his presence.
- 16.3.10. The final marks shall be the marks awarded by the Review committee, regardless of what marks an applicant originally obtained.

- 16.3.11. All works relating to review will be treated as confidential and therefore interim enquiries will not be entertained.
- 16.3.12. The option of review of answer script of any subject will be available to the students appeared in subsequent exam, on the same lines as it is available for review of the answer scripts of the main exam.
- 16.3.13. There will not be review of reviewed answer script.
- 16.3.14. All rules, above-mentioned, regarding review process will be superseded by the corresponding rules if framed in the exam manual/ordinance of the university.

16.4. Credit System:

Each course in the LL.M. (2 Year) degree program, including, Teaching Internship, Dissertation and Viva Voce, shall have specified number of credits in each semester as shall be set out in Program Structure. The number of credits along with grade points that the student has satisfactorily cleared shall measure the performance of the student. Satisfactory progress of a student is subject to his/her maintaining a minimum Cumulative Grade Point Average (CGPA), as well as minimum grades in different courses of the Program as given in table-2 which a student if obtains is eligible for the award of degree.

16.4.1. Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- (i) The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA (S_i) = \Sigma (C_i \times G_i) / \Sigma C_i$$

where, C_i is the number of credits of the i th course and G_i is the grade point scored by the student in the i th course.

- (ii) The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a Program, i.e.

$$CGPA = \Sigma (C_i \times S_i) / \Sigma C_i$$

where S_i is the SGPA of the i th semester and C_i is the total number of credits in that semester.

- (iii) The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

16.4.2. Grading System:

The grading system based on absolute marks, as detailed here under Table No. 2 shall be applicable for each course:

Table No. 2: Award of grades based on absolute marks on a point scale

Range of % of marks	Grade points	Letter Grade	GRADE
> 90- ≤ 100	10	O	Outstanding
>80- ≤ 90	9	A ⁺	Excellent
>70- ≤ 80	8	A	Very Good
>60- ≤ 70	7	B ⁺	Good
>50- ≤ 60	6	B	Above Average
=50	5	C	Pass
<50	0	F	Fail
Absent	0	Ab	Fail

Description

- (i) Letter grades O, A⁺, A, B⁺, B and C in a course mean that the student has passed in that course.
- (ii) The grade F and Ab denote FAIL; a student fails in the course due to poor performance or non-appearance/incomplete appearance in the examination of the course. A student has to appear at subsequent examination(s), if provided under the ordinances in all such courses, until a passing grade is obtained.
- (iii) One (01) grace mark will be given only once to improve the grade in overall result at the time of award of degree and "G" will be mentioned against the CGPA.

16.5. Examination & Promotion

16.5.1 First Semester Examination & Promotion to Second Semester

- 16.5.1.1 The candidates who have taken admission in the 1st Semester of LL.M. Program in a session will be put in the following two categories on the basis their attendance in the semester:

- (i) Those who secured minimum percentage of attendance for appearing in the 1st Semester Examination and filled up the Examination form in time for appearing at the 1st Semester Examination;
- (ii) Those who did not secure minimum percentage of attendance for appearing at 1st Semester Examination or did not fill up examination form in time for appearing at the 1st Semester Examination.

16.5.1.2 Candidates under category (i) above-mentioned will be eligible for appearing at the examination of 1st Semester. whereas candidates under Category (ii) above-mentioned shall not be allowed to appear at the 1st Semester Examination. However, Category (ii) candidates:

- (i) whose attendance is 25% or above but below the prescribed percentage of attendance for appearing in the exam will eligible for re-admission in the same semester in the subsequent session, and not thereafter.
- (ii) whose attendance is below 25% will be allowed to reappear at the Post Graduate Entrance Test of subsequent year(s) for seeking admission afresh.

16.5.1.3 After Appearing at the Examination of 1st Semester the candidates will be put in the following categories, in the context of declaration of the results, on the basis of marks obtained in the 1st Semester Examination:

- (i) Passed, i.e., those who have passed in the examination of all courses of the Semester. Students belonging to this category will be eligible to be promoted to the second semester.
- (ii) Promoted, i.e., those who are not passed in the examinations of all the courses of the semester, but have passed $n/2$ or $(n-1)/2$ courses prescribed for the semester, where n is the total number of courses in

the semester. Students belonging to this category will be promoted to the second semester course. Such students, in maximum two attempts within the span of 4 years from the latest admission in the LL.M. Program, will have to clear the course(s) in which he/she had failed in subsequent available examination(s) of the concerned semester as ex-student. While counting the maximum allowable period to clear the course(s), the period of rustication/suspension/or any other penalty period imposed by the university will be excluded.

- (iii) Detained, i.e., those who are not promoted as per the above provisions. Such students have to take re-admission in the course of study in regular mode in the same semester in subsequent academic session subject to not crossing maximum duration of the program as defined in the ordinance.

16.5.2 Second Semester Examination & Promotion to Third Semester

16.5.3.1 Like 1st Semester, all the candidates who will secure minimum percentage of attendance for appearing at the end semester examination of second semester and who will fill up the concerned examination form in time shall be allowed to appear at the second semester examination. However, students who do not secure minimum percentage of attendance or does not fill up the examination form in time will be allowed to take re-admission in same semester in the subsequent academic session in regular mode subject to not crossing maximum duration of the Program as defined in the ordinance.

16.5.3.2 After declaration of results of 2nd Semester, candidates will be put in the following three categories on the basis of the marks obtained in the First and Second Semester Examinations (taken together):

- (i) Those who secured minimum percentage of attendance for appearing in the 1st Semester Examination and filled up the Examination form in time for appearing at the 1st Semester Examination;
- (ii) Those who did not secure minimum percentage of attendance for appearing at 1st Semester Examination or did not fill up examination form in time for appearing at the 1st Semester Examination.

16.5.1.2 Candidates under category (i) above-mentioned will be eligible for appearing at the examination of 1st Semester, whereas candidates under Category (ii) above-mentioned shall not be allowed to appear at the 1st Semester Examination. However, Category (ii) candidates:

- (i) whose attendance is 25% or above but below the prescribed percentage of attendance for appearing in the exam will eligible for re-admission in the same semester in the subsequent session, and not thereafter.
- (ii) whose attendance is below 25% will be allowed to reappear at the Post Graduate Entrance Test of subsequent year(s) for seeking admission afresh.

16.5.1.3 After Appearing at the Examination of 1st Semester the candidates will be put in the following categories, in the context of declaration of the results, on the basis of marks obtained in the 1st Semester Examination:

- (i) Passed, i.e., those who have passed in the examination of all courses of the Semester. Students belonging to this category will be eligible to be promoted to the second semester.
- (ii) Promoted, i.e., those who are not passed in the examinations of all the courses of the semester, but have passed $n/2$ or $(n-1)/2$ courses prescribed for the semester, where n is the total number of courses in

the semester. Students belonging to this category will be promoted to the second semester course. Such students, in maximum two attempts within the span of 4 years from the latest admission in the L.L.M. Program, will have to clear the course(s) in which he/she had failed in subsequent available examination(s) of the concerned semester as ex-student. While counting the maximum allowable period to clear the course(s), the period of rustication/suspension/or any other penalty period imposed by the university will be excluded.

- (iii) Detained, i.e., those who are not promoted as per the above provisions. Such students have to take re-admission in the course of study in regular mode in the same semester in subsequent academic session subject to not crossing maximum duration of the program as defined in the ordinance.

16.5.2 Second Semester Examination & Promotion to Third Semester

16.5.3.1 Like 1st Semester, all the candidates who will secure minimum percentage of attendance for appearing at the end semester examination of second semester and who will fill up the concerned examination form in time shall be allowed to appear at the second semester examination. However, students who do not secure minimum percentage of attendance or does not fill up the examination form in time will be allowed to take re-admission in same semester in the subsequent academic session in regular mode subject to not crossing maximum duration of the Program as defined in the ordinance.

16.5.3.2 After declaration of results of 2nd Semester, candidates will be put in the following three categories on the basis of the marks obtained in the First and Second Semester Examinations (taken together):

- (i) **Passed**, i.e., those who has passed in examinations of all the courses of the 1st and 2nd semesters. Such candidates will be eligible to be promoted to third semester.
- (ii) **Promoted**, i.e., those who has not passed in all courses of either 1st or 2nd semester or both but have passed $n/2$ or $(n-1)/2$ number of courses prescribed for the semester, where n is the total number of courses in the semester. Students belonging to this category will be and promoted to the third semester course. Such students, in maximum two attempts within the span of 4 years from the latest admission in the LL.M. Program, will have to clear the course(s) in which he/she had failed in subsequent available examination(s) of the concerned semester as ex-student. While counting the maximum allowable period to clear the course(s), the period of rustication/suspension/or any other penalty period imposed by the university will be excluded.
- (iii) **Detained**, i.e., those who are not promoted as per the above provisions. Such students have to take re-admission in the course of study in regular mode in the same semester in subsequent academic session subject to not crossing maximum duration of the program as defined in the ordinance.

16.5.3 Third Semester Examination & Promotion to Forth Semester

16.5.3.3 Like 1st and 2nd Semester, all the candidates who will secure minimum percentage of attendance for appearing at the end semester examination of third semester and who will fill up the concerned examination form in time shall be allowed to appear at the third semester examination. However, students who do not secure minimum percentage of attendance or does not fill up the examination form in time

19. CONVERSION TO PERCENTAGE:

The conversion formula for converting CGPA to the corresponding Percentage (P) of Marks will be as follows:

$$P = 10 \times \text{CGPA}$$

20. RANKING:

Only such candidates who complete successfully all courses in the Program in single attempt shall be considered for declaration of ranks, medals, etc. declared and notified by the university, if any.

21. REMOVAL OF DIFFICULTIES:

In any matter of interpretation of the provision of this ordinance, the matter shall be referred to Vice-Chancellor who is the Chairperson of Academic Council. His/her decision shall be final. The Vice Chancellor, shall have power to make such modification, alteration or amendment in this ordinance as may be necessary to remove any difficulty arising out of its application.

APPENDIX-I

Sarvepalli Radhakrishnan University Bhopal
Department of Law

TEACHING INTERNSHIP EVALUATION FORM

Name of the Intern : _____

Name and Designation of the Supervisor : _____

Notice: Evaluation items listed below count for 10 marks each

S. No.	Item of Evaluation	Marks Obtained
1	Content Knowledge	
2	Lesson Planning	
3	Development of Teaching Contents	
4	Classroom Management	
5	Reflection of Teaching Contents in Classroom	
6	Involvement in activities organized by school of Law	
7	Relation with Supervisor and with School Administration	
8	Human Qualities (Courtesy, Contacts, Presentation)	
9	Attendance and Diary Maintaining	
10	Quality of Internship Report	
General Evaluation		
Any Particular Remarks:		

Supervisor's Signature and Name

Signature of HOD

APPENDIX-II

Sarvepalli Radhakrishnan University Bhopal

Department of Law

Sl. No.**Application Form for Review of Answer Script**

Name of the Student: _____

Class: _____ Semester: _____

Roll Number No.: _____

Name of Examination Session: (Odd/Even) Nature of Exam: (Main/ATKT) _____
(Year of Examination)

Contact No: _____

Email Id: _____

Details of Subject Paper(s) in which Review is/are sought and its objective(s)

Sl. No.	Name of Subject	Subject Code	Mark Obtained (Out of 70 Marks)	Objective of Review Sought		
				Removal of error apparent on face of record	Reconsideration of all/part of answer(s) given in answer script	Both
1						
2						
3						
4						

Reason of the review sought if the objective of review is Removal of error apparent on face of record:

S. No.	Name of Subject	Details of Errors (totaling mistakes, non-evaluation of any question or its parts, etc.)
1		
2		
3		
4		

APPENDIX – II (Continue)

Reason of the review sought if the objective of review is objective is reconsideration of all/part of answer given in answer script:

S. No.	Name of Subject	Details of specific reasons
1		
2		
3		
4		

(Signature of the Applicant with date)

Instructions

1. The particulars in the form must be filled by the applicant/student in his/her own handwriting.
2. The signature of the applicant in the application form must corresponds to that present on the application form for appearing in the examination.
3. Incomplete application form will be rejected straight forwardly.
4. Application form must be submitted within 5 working days after the evaluated answer script become available for student to be seen.
5. The final marks shall be the marks awarded by the Review committee, regardless of what marks an applicant originally obtained.
6. The applicant will not be present before review committee unless warranted by Review committee.
7. All works relating to review will be treated as confidential and therefore interim enquiries will not be entertained.
8. Application for Review of answer script will be accepted only in context of semester examination of theory paper.

Declaration

Having read all the instruction above-mentioned regarding review of answer script carefully, I am applying for review of my Answer script(s). The Statements made by me in the Application form are true to the best of my knowledge.

(Signature of the Applicant with date)

Checklist (for office use only)

1. Copy of the Admit card ☐
2. Copy of challan ☐

(Signature of the officials)

भाग ४ (ग)–कुछ नहीं.

इसे वेबसाइट www.govtpress.nic.in से भी डाउन लोड किया जा सकता है।



मध्यप्रदेश राजपत्र

प्राधिकार से प्रकाशित

क्रमांक 51]

भोपाल, शुक्रवार, दिनांक 23 दिसम्बर 2022-पौष 2, शक 1944

भाग ४

विषय-सूची

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

भाग ४ (क)-कुछ नहीं

भाग ४ (ख)

अध्यादेश

उच्च शिक्षा विभाग

मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 9 दिसम्बर 2022

क्र. आर-164-सीसी-21-अड़तीस.- मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29(1) के अनुक्रम में, निजी विश्वविद्यालयों के राष्ट्रीय शिक्षा नीति, 2020 के परिप्रेक्ष्य में अध्यादेश 14A तथा 14B अनुसार अध्यादेशों का प्रकाशन साधारण राजपत्र में राज्य शासन के निर्देशों के अनुसार अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के उक्त अध्यादेश प्रकाशित होने की तारीख से प्रवृत्त होंगे.

अध्यादेश 14A तथा 14B

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,

वीरन सिंह भलावी, अवर सचिव.

Sarvepalli Radhakrishnan University Bhopal

Subsequent Ordinance 100 A

Ordinance for three/four years Undergraduate Degree (CBCS Semester Mode)

(As per the "Guidelines for Multiple Entry and Exit in Academic Programmes offered in Higher Education Institutions" issued by UGC, New Delhi under National Education Policy 2020)

1. The provisions of this Ordinance shall be applicable on pre established UG (Sem) Ordinances from the academic session 2022-23.
2. The provisions of this Ordinance shall apply to the three-year/six-semester Bachelor's degree or four-year/eight-semester Bachelor's degree (Honours/Research) undergraduate programmes as under, notified by the University .

Programme/ Courses Sanctioned & Approved By Department of Higher Education & MPPURC :-

S.No.	Name of Programme/Courses	Ordinance No.	Semester/ Annual	Approved By
1	Bachelor of Science (B.Sc.)	37	Semester	DHE/MPPURC
2	Bachelor of Commerce (B.Com)	34	Semester	DHE/MPPURC
3	Bachelor of Business Administration (BBA)	33	Semester	DHE/MPPURC
4	Bachelor of Computer Application (BCA)	45	Semester	DHE/MPPURC
5	Bachelor of Arts (BA)	35	Semester	DHE/MPPURC
6	Bachelor of Library Science(B.Lib.)		Semester	DHE/MPPURC
7	Bachelor of Science (B.Sc. Yoga)	89	Semester	DHE/MPPURC
8	Bachelor of Mass Communication & Journalism (BA JMC)	83	Semester	DHE/MPPURC
9	Bachelor of Science (B.Sc. Fashion Design)	86	Semester	DHE/MPPURC
10	Bachelor of Arts (BA Animation & Graphic Design)	88	Semester	DHE/MPPURC

3. The Ordinance shall be applicable to all such programmes being run by the University in its Teaching Departments (UTDs)/SOS (School of Studies) and its affiliated constitute Units for their regular as well as non-collegiate (private) students.
4. Admission rules and guidelines for admission to these programmes will be framed by the University for admission in its UTDs/SOS. Admission to the 4-th year (Level 8) shall be available only in the institutions which are offering 4-year Undergraduate Programme. Autonomous colleges with NAAC grade "A" or above can frame their admission guideline completely based on merit subject to the reservation policy of the government.

5. Students who have successfully completed Grade 12 School Leaving Certificate from Board of Secondary Education, Madhya Pradesh, Bhopal or an equivalent examination from any other board recognised by the State Government/University will be eligible for admission to these undergraduate programmes.
6. The admission shall be made on merit calculated on the basis of criteria notified by the university, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory bodies concerned and taking into account the reservation policy issued by the government from time to time.
7. Student enrolment in a programme/course shall be restricted to the seats allotted by the University. The in-take capacity shall be determined in advance by the university/autonomous college in accordance with the guidelines/norms in this regard issued by the State Government/UGC, MPPURC and other statutory bodies concerned so that the same could be suitably incorporated in the admission guidelines for the information of all concerned and uploaded on the institutional website .
8. Depending upon the academic and physical facilities available, the university may earmark seats to a maximum of 10% of the seats sanctioned for the previous year of the programme for lateral entrants in the *second year/third year/fourth year* of a first-degree programme, if the student has successfully completed the first year/second year/third year of the same programme in any institution and wants to re-enter into the programme after a break in studies.
9. To enable multiple entry and exit points in the academic programmes, qualifications such as certificate, diploma, and degree are organized in a series of levels in an ascending order from level 5 to level 8. Level 5 represents certificate and level 8 represents Bachelor Degree (Honours/Research) (Table 1). The four-year undergraduate programme shall comprise courses under following subjects/Categories:
 - i) Disciplinary/interdisciplinary/Major (48 credits)
 - ii) Disciplinary/interdisciplinary/Minor (32 credits)
 - iii) Generic Elective (16 credits)
 - iv) Discipline Specific Elective (16 credits)
 - v) Skill Enhancement Courses/Vocational Courses (12 credits)
 - vi) Ability Enhancement Courses (08 credits)
 - vii) Field projects/internship/apprenticeship/community engagement and service/research project (28 credits).

Qualification and Credit Requirements are given in Table. 2. The *entry and exit* options for students, who enter the undergraduate programme, are as follows:

1st Year

Entry 1: The entry requirement for Level 5 is successful completion of Class 12 from M.P. Board of Secondary Education, Bhopal or an equivalent examination from any other board recognised by the State Government/University. A programme of study leading to entry into the first year of the Bachelor's degree is open to those who have met the admission requirements.

Exit 1: If a student pass all the courses of Level 5 and earns requisite number of credits, the student will become entitled for *Undergraduate certificate in the faculty of her/his Major Subject*. If she/he wants to exit, can exit the programme with *Undergraduate certificate* in hand.

2nd Year

Entry 2. The entry requirement for *Level 6 is successful completion of Level 5*. A programme of study leading to the second year of the Bachelor's degree is open to those who have met the admission requirements.

Exit 2: If a student passes all the courses of Level 5&6 and earns requisite number of credits, the student becomes entitled for *Undergraduate Diploma in the faculty of her/his Major Subject*. If she/he wants to exit, can exit the programme with *Undergraduate Diploma* in hand. A diploma requires 80 credits with 40 credits in each of the two levels.

3rd Year

Entry 3. The entry requirement for *Level 7 is successful completion of Level 5&6*. A programme of study leading to the Bachelor's degree is open to those who have met the admission requirements.

Exit 3: If the student passes all the courses of Level 5 to 7 i.e. first to six semesters and earns requisite number of credits, the student becomes entitled for the *Undergraduate Degree in the faculty of her/his Major Subject*. A Bachelor's degree requires 120 credits from level 5 to 7, with 40 credits at level 5, 40 credits at level 6, and 40 credits at level 7.

4th Year

Entry 4. An individual seeking admission to a *Bachelor's degree (Honours/Research) (Level 8)* in a specified field of learning would have completed all requirements of the relevant *three-year bachelor degree (Level 7)*. After completing the requirements of a three-year Bachelor's degree, candidates who meet a minimum CGPA of 7.5 shall be allowed to continue studies in

the fourth year of the undergraduate programme to pursue and complete the Bachelor's (Honours/ Research) degree.

Exit 4: If the student passes all the courses of level 5 to 8 and earns the requisite credits, the student becomes entitled for *Undergraduate Degree (Honours/Research) in the faculty of her/his the Major Subject*. A Bachelor's degree (Honours/Research) requires a total of 160 credits from level 5 to 8, with 40 credits at level 5, 40 credits at level 6, 40 credits at level 7, and 40 credits at level 8.

Table-1: Qualification Type and Credit Requirements

Levels	Qualification title	Credit requirements
Level 5	Undergraduate Certificate in the faculty of the Major Subject for those who exit after the first year (two semesters) of the undergraduate programme. (Programme duration: first year or two semesters of the undergraduate programme)	40
Level 6	Undergraduate Diploma in the faculty of the Major Subject for those who exit after two years (four semesters) of the undergraduate programme (Programme duration: First two years or four semesters of the undergraduate programme)	80
Level 7	Bachelor' Degree in the faculty of the Major Subject (Programme duration: Three years or six semesters)	120
Level 8	Bachelor' Degree in the faculty of Major Subject (Honours/Research) (Programme duration: Four years or eight semesters).	160

The credits will be awarded by the university. The credit can be calculated as follows:

- One hour of theory or one hour of tutorial or two hours of laboratory work, per week for a duration of 15 weeks resulting in the award of **one credit**;
 - Credits' for internship shall be **one credit per week** of internship, subject to a **maximum of six credits in a semester**.
11. The minimum duration of the *undergraduate degree programme* shall be of three academic years/six semesters whereas that of *undergraduate degree leading to Honours/Research* shall be of four academic years/eight semesters.

- A student who leaves the course anytime in the middle of the programme will retain the credits earned so far which will be restored/transferred as and when she/he enters the programme again.

The maximum duration for completion of *Undergraduate Degree* and *Undergraduate Degree (Honours/Research)* programme for regular students shall be of 6 and 8 years, respectively; there shall be no such bar for non-collegiate (private) students.

12. TYPES OF COURSES

Each of the subject/categories (i) to (v) as specified in clause 10 shall comprise of courses. Courses are the basic units of education and/or training. Types of courses shall be as follows:

12.1. Core Course: Such courses which shall compulsorily be studied by the student as a core requirement of the programme.

12.2. Elective Course:

Generally a course, which can be chosen by the student from a pool of courses, which is specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or which enables an exposure of some other discipline/subject/domain to nurture the candidate's proficiency or skill is called an Elective Course.

12.2.1 Discipline Specific Elective (DSE) Course:

Elective courses offered from the main discipline/subject of study are referred to as Discipline Specific Elective. The University may also offer discipline related Elective courses of interdisciplinary nature (to be offered by main discipline/subject of study).

12.2.2 Dissertation/Project:

An elective course designed to acquire special/advanced knowledge, such as supplement study/support study to a project work, and a student studies such a course on his own with an advisory support by a teacher/faculty member is called dissertation/project. It is considered as a special course involving application of knowledge in solving/analysing/exploring a real life situation /difficult problem for bachelor degree with honours/research. A Project/Dissertation work would be of credits, as decided by the competent body. The student will do this work under the guidance of a faculty member.

12.2.3 Generic Elective (GE) Course:

An elective course chosen generally from an unrelated discipline/subject, with an intention to seek exposure of other field is called a Generic Elective course.

P.S.: A core course offered in a discipline/subject may be treated as an elective by other discipline/subject and vice-versa and such electives may also be referred to as Generic Elective Course.

12.3. Ability Enhancement Courses (AEC):

The Ability Enhancement Courses (AEC) are of two types:

- Ability Enhancement Compulsory Courses (AECC)
- Skill Enhancement Courses (SEC) or Vocational Courses.

“AECC” courses are the courses based upon the content that leads to Knowledge enhancement, such as;

- Environmental Education
- English/Hindi Communication are mandatory for all disciplines.

SEC courses are value-based/skill-based and may also be designed to focus on enhancement of skills pertaining to the Major Subject. They are aimed to provide hands-on-training, competencies, skills, etc.

- 12.4. The syllabus for a specific programme will be decided by the concerned Board of Studies of the University.

13. STRUCTURE FOR UNDERGRADUATE PROGRAMME: SEMESTER SYSTEM

13.1. First Year (Level 5):

A student shall be declared to have successfully completed the Level 5, if he/she acquires credits as given in Table 2.

The student can choose his/her major, minor subjects and the generic elective subject if he/she fulfils the pre-requisites prescribed by the concerned Board of Studies. A student passing Grade 12 with science can take admission in Level 5 with major and minor subjects from science/arts/commerce faculty; a student passing grade 12 with commerce faculty can take major and minor subjects from commerce/arts faculty, whereas a student passing grade 12th with arts faculty can choose major and minor subjects from arts faculty only. Major and Minor subjects shall belong to the same faculty (which will be called as the Main faculty), whereas generic elective subject can be chosen from any faculty. However, allotment of choices will be subject to the provisions of admission guidelines.

13.2. Second Year (Level 6):

A student shall be declared to have successfully completed the Level 6, if he/she acquires credits as given in Table 2 .

The student shall be given the single chance at the entry of level 6 to interchange the major and minor subjects, however, in such cases, it will be responsibility of the students to earn additional credits to fulfil the minimum requirement of credits prescribed for the major course; and only after fulfilment of such credits he/she will be entitled to earn an Undergraduate Diploma or an Undergraduate Degree.

13.3. Third Year (Level 7):

A student shall be declared to have successfully completed the Level 7, if he/she acquires credits as given in Table 2.

13.4. Fourth Year (Level 8):

(a) Bachelor with Honours:

A student shall be declared to have successfully completed the Level 8 for Bachelor with Honours degree, if he/she acquires credits as given in Table 2.

(b) Bachelor with Research:

A student shall be declared to have successfully completed the Level 8 for Bachelor with Research degree, if he/she acquires credits as given in Table 2 .

The nomenclature of degrees shall strictly conform to the relevant provisions of the act/regulations/guidelines of the UGC.

13.5. Credit Distribution for Semester:

The credit distribution for first to eight semesters related to Levels 5 to 8 shall be as per the Table 2 as shown in clause 13.8.

13.6. Additional Courses:

In the categories of minor subject, generic elective and skill enhancement courses/vocational courses, a student may earn up to additional 6 credits per year in the entire tenure of 3-year undergraduate degree programme after paying due fees for registration and examination.

13.8. Table-2: Proposed Structure for Undergraduate Programme: UGC CBCS System for Universities / Autonomous Colleges

Level	Semester	Main Faculty (as per prerequisite)		Any Faculty	Skill Enhancement Course (SEC)	Ability Enhancement Course (AEC)	DSE	Field projects/Internship/apprenticeship/community engagement and service	Credits	Qualification title (Credit requirement)
		Subject I	Subject II	Subject III						
Level 15	1	Major 1 (6 Credits)	Minor 1 (6 Credits)	Generic Elective Course 1 (4 Credits)	Vocational Course 1 (4 Credits)	1 (4 Credits)		# Inter/Intra Faculty	6+6+4+4 = 20	Undergraduate Certificate in Main Faculty (40)
	2	1 (6 Credits)	1 (6 Credits)	1 (4 Credits)	1 (4 Credits)	1 (4 Credits)			6+6+4+4 = 20	
	3	1 (6 Credits)	1 (6 Credits)	1 (4 Credits)	1 (4 Credits)				6+6+4+4 = 20	Undergraduate Diploma in Main Faculty (80)
Level 16	4	1 (6 Credits)	1 (6 Credits)	1 (4 Credits)	1 (4 Credits)				6+6+4+4 = 20	
	5	1 (6 Credits)			1 (4 Credits)		DSE-1 (4 credits)	Field project/internship/ apprenticeship 1 (6 Credits)	6+4+4+6 = 20	Bachelor Degree in Main Faculty (120)
	6	1 (6 Credits)					DSE-2 (4 credits) DSE-3 (4 credits)	Field project/internship/ apprenticeship 1 (6 Credits)	6+4+4+6 = 20	
Level 17	7	1 (6 Credits)	Research Methodology (4 Credits) 1 (4 Credits)				DSE-3 (4 credits)	Field project/internship/ apprenticeship 1 (6 Credits)	6+4+4+6 = 20	Bachelor Degree (Honours) in Main Faculty Bachelor Degree (Research) in Main Faculty (160)
	8	1 (6 Credits)						1 (10 Credits) Research Project	6+4+10 = 20	
	Total	48 Credits	32 Credits	16 Credits	12 Credits	08 Credits	16 credits	28 Credits	160 Credits	

14. Choice to Select the MOOC Courses:

- a. The Autonomous College/UTD/SOS can allow up to 40% of the total credits being offered in a particular programme in a semester through the online learning courses provided under SWAYAM platform or any other MOOC platform recognised by the central government or the state government for credit transfer.
- b. The students will have the choice to opt elective-generic/Skill Enhancement/Ability Enhancement courses from the courses available within the Autonomous College/UTD or in other UTDs of the same universities but from same level of the programmes. An alternate choice will also be available to the students to opt courses from Massive Open Online Courses (MOOCs) available at SWAYAM (Study Webs of Active-Learning for Young Aspiring Minds) platform with the permission of the College/UTD.
- c. The Autonomous College/UTDs shall offer elective-generic courses in each programme on merit basis across the disciplines. The number of seats in the course will depend on available facilities in the Autonomous College/UTD.
- d. The students can also opt a course under DSE of Major subject from Massive Open Online Courses (MOOCs) available at SWAYAM platform.
- e. The Autonomous College/University will take a decision for allowing the online courses of SWAYAM if:
 - (i) The courses offered on SWAYAM would supplement the teaching-learning process in the institution.
 - (ii) Every student opting a course available on SWAYAM platform would be required to register for the course at SWAYAM. The student will pay the stipulated fee to SWAYAM for registering the course, if required.
 - (iii) While allowing the online learning courses offered by SWAYAM, it shall be ensured that the physical facilities like laboratories, computer facilities and library etc. essential for pursuing the courses shall be made available free in adequate measure by the Autonomous College/UTD. The parent institution must designate a course coordinator/facilitator to guide the students throughout the course and to facilitate/conduct the lab/practical sessions/examinations.
- f. The requirement of project/dissertation, as notified by the respective Autonomous College/UTD, need to be undertaken by the candidate for the specified credits. The project may be undertaken in any of the National and State Laboratories/Institutes/Universities/ Companies /Industries with the approval of Autonomous College/ UTD.

15. Requirement of attendance will be as per University Ordinance governing the examinations.

In general attendance of atleast seventy-five percent of theory lectures and practicals separately will be required in each course to sit in the semester end examination.

For special reasons such as prolonged illness deficiency in percentage of attendance not exceeding fifteen percent of the total number of lectures delivered and practical/ sessional held in each course may be condoned by the Vice Chancellor/Principal of autonomous colleges.

16. Examination &Evaluation:

16.1 Generally each course will correspond to an examination paper comprising of external and internal valuations. The semester theory examinations will be of 3 hours. The credit structure for theory/practical/tutorial, internal, external examinations and total marks for an examination are shown in the Table 3 in clause 16.16.

16.2 The question paper of the external examination should preferably contain long answer, short answer and objective type questions. The continuous evaluation of the student will be conducted at three points of time in a semester by conducting three tests of 20 marks each. Of these, two must be written tests and the third may be written test/Quiz/Seminar/Assignment for theoretical courses. Marks obtained in best two tests out of three will be awarded to the student. Each student shall have to appear in at least two tests and End Semester Examination; failing which, the student will be awarded AB Grade in that course. In case of Laboratory/Field/Project work based courses, appropriate distribution of marks for Practical Record/Project Report, Practical Semester end exam, viva, if any be decided by the UTD/Autonomous College. In case of internal assessment, the college/UTD/University shall distribute and design their assessment so that at least two tests are conducted in a semester.

16.3 UTD/Autonomous colleges may design their own mode of internal assessment with due approval from respective academic council in view of the "Evaluation Reforms in Higher Educational Institutions, 2019" published by the UGC.

16.4 Total marks obtained in Semester-End Examination and continuous evaluation will be considered for awarding the grade in the course as explained in 16.6.

16.5 The grading will be made on 10-point scale as described below:

Letter Grade	Grade Points	Description	Range of Marks (%)
O	10	Outstanding	90-100
A+	9	Excellent	80-89
A	8	Very good	70-79
B+	7	Good	60-69
B	6	Above Average	50-59
C	5	Average	40-49
P	4	Pass	35-39
F	0	Fail	0-34
AB	0	Absent	Absent

16.6 In case, statutory bodies of the programme issue the guidelines regarding minimum passing percentage of marks, then grading will be done in the following manner:

If the marks obtained by the student in a course are less than the minimum cut-off percentage of marks, then F grade will be awarded, otherwise the grades will be awarded as per above mentioned table.

16.7 If a student obtains F or AB grade in any course(s), he/she will be treated to have failed in the course(s). He/she has to reappear in the examinations of that course(s) as and when conducted by the University/UTD. Marks obtained earlier in continuous assessment may be carried forward and added to the marks obtained in repeat semester-end examination to decide the grade in the repeat course(s).**16.8** The student will be promoted to the next semester if he/she secures at least half of the total credits in a semester. In case the student secures less than half of the total credits in any semester, then the student will be declared fail in that semester and he/she will be asked to repeat the entire semester and that semester will be treated as zero semester. In such cases the student will not be promoted to the next semester.

If a student passes in all the courses offered in any semester then will be declared pass in that semester. If a student secures at least half of the total credits in a semester and fails in some courses offered in that semester then he/she will be provisionally promoted to the next semester with ATKT (Allowed To Keep Term) in those courses in which he/she fails.

If the student fails to pass all the courses in the next ATKT examination, the provisional promotion will be terminated, but he/she will be given second chance

to pass the failed courses. If the student does not successfully complete the concerned semester even after the aforesaid second chance, she/he shall be treated as fail in that semester and will be asked to repeat the entire semester and that semester will be treated as zero semester.

Repetition of a theory/practical course is allowed only to those candidates who get F or AB grade in the course or has failed in the semester. The student has to pay the prescribed fee for repeating the course.

- 16.9** On account of valid reasons, a student may withdraw from a semester. In such case that semester will be treated as zero semester.
- 16.10** In case of zero semester, the student will not be promoted to the next semester till he/she clears that semester. The university may allow such a student to re-register in that semester in the coming semesters. The student has to pay semester fee again in such case and may not be eligible for scholarships. If the student withdraws within one month from starting of the academic semester then semester fee will not be charged again.
- 16.11** The provision for review of answer book in semester system will be available as per the existing rules of the University.
- 16.12** The theoretical and practical courses can be repeated whenever offered or conducted by the University/UTD but within maximum duration of the programme. He/she can avail multiple repeat attempts to pass the course.
- 16.13** Applicable to UTDs in the same universities: The UTD, where students from other UTDs are registered for choice based elective course(s), will send the Grade to the concerned UTD where the student is enrolled. The result will be declared by the UTD where the student has taken admission.

Table 3: Structure of Credit Course (Semester System)

17. Evaluation and Certification of MOOCs and Vocational courses:

The guidelines of the University/SWAYAM portal/UGC shall be followed for evaluation and certification of MOOCs, Vocational courses, Field-Projects/Internship/Apprenticeship/Community engagement & service/Research Project.

18. Calculation of SGPA /CGPA:

- 18.1** The Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) will be calculated as weighted average of credit points secured by the student, except the credits of additional courses, if any. The, SGPA and CGPA shall be rounded off up to 2 decimal places and reported in the grade sheet.

The calculation of SGPA and CGPA in semester system will be carried as per provisions of Ordinance 14.

- 18.2** CGPA is a measure of overall cumulative performance of a student over all the semesters completed. In case of semester system CGPA will be calculated as per provisions of Ordinance 14,

- 19.** On completing all requirements for award of the undergraduate certificate/diploma/degree, the CGPA will be calculated and this value will be indicated on the certificate/diploma/degree. The 3-years and 4-years undergraduate degrees should also indicate the Division obtained as per follows:

Division	Criterion
First division with distinction	The candidate has earned minimum number of credits required for the award of the degree with CGPA of 8.00 or above
First division	The candidate has earned minimum number of credits required for the award of the degree with CGPA of 6.50 above but less than 8.0
Second division	The candidate has earned minimum number of credits required for the award of the degree with CGPA of 5.00 or above but less than 6.50
Pass	The candidate has earned minimum number of credits required for the award of the degree with CGPA of 4.00 or above but less than 5.00

The conversion of CGPA into percentage will be as follow to facilitate its application in other academic matters:

$$\text{Equivalent Percentage} = \text{CGPA} \times 10$$

The percentage will be rounded off upto second decimal point.

- 20.** The student will be examined by the university as per the prevailing syllabus and scheme of examination.

21. The candidate shall be awarded a certificate/diploma/degree when he/she successfully earns the minimum requisite credits for the certificate/diploma/degree.
22. A Grade Card shall be issued to all the students after every semester based on the grades earned. The course details (code, title, number of credits, grade secured) along with SGPA of every semester and CGPA earned till that Academic Year will be displayed in the grade card.
23. Grade sheets will be developed as given in Ordinance 14.
24. **Credit Transfer:**
 - 24.1 The credit transfer shall be implemented as per the policy of the university framed in accordance with the guidelines issued by the UGC from time to time.
 - 24.2 The member institutions of the Academic Bank of Credit established vide University Grants Commission (Establishment and Operation of Academic Bank Of Credits in Higher Education) Regulations, 2021 shall accept and transfer the credits as per the provisions of this regulation as amended from time to time.
 - 24.3 Except for the cases of provisional promotions, the universities established by M.P. University Act, 1973 shall facilitate credit transfer of students between them. However, the student may be required to fulfil some eligibility criteria, drawing parity for a course, framed by the university in which the admission is sought by the student.
25. If any question arises relating to the interpretation of the provisions of this ordinance, it shall be referred to the Academic Council of the University whose decision thereon shall be applicable.
26. The guidelines, related to this programme, issued by the statutory bodies e.g. UGC/AICTE/BCI/NCTE/PCI/RCI issued from time to time will be adopted for implementation.
27. In matters not covered under this Ordinance, general rules of the University shall be applicable; otherwise the directions of the state government shall be applicable.
28. If UGC notifies any change in future in its Regulations in this regard, then the same will be incorporated in the existing Ordinance with the approval of the Executive Council of the University (in case of UTDs) and shall be implemented with immediate effect.

SAMPLE COPY FOR FIRST TO FIFTH SEMESTER

ANNEXURE-S-1

Name of the University

GRADE SHEET

Name of the Institute

Address of the Institute

Name of the Programme

Batch	Year
Enrollment No.	Roll No.
Name of the Student	Examination
Father's/Husband's Name	Mother's Name

Course Code	Course Title	Credits	Grade	Grade Point	Credit Points (Credits x Grade Point)
	Course 1	6	A	8	48
	Course 2	6	C	5	30
	Course 3	4	B+	7	28
	Course 4	4	O	10	40
TOTAL		20	-		146
SGPA		146/20			730

Grade in Repeat Examination

SEMESTER WISE RESULT					
SEMESTER	I	II	III	IV	V
TOTAL CREDITS					
OBTAINED CREDITS					
ADDITIONAL CREDITS					
SGPA					
ATTEMPT					
RESULT					

SGPA Semester Grade Point Average

CGPA -Cumulative Grade Point Average Equivalent Percentage = CGPA x 10

Date of Result

Controller of Examination

SAMPLE COPY FOR SIXTH SEMESTER

ANNEXURE-S-2

Name of the University

GRADE SHEET

Name of the Institute

Address of the Institute

Name of the Programme

Batch	Year
Enrollment No.	Roll No.
Name of the Student	Examination
Father's/Husband's Name	Mother's Name

Course Code	Course Title	Credits	Grade	Grade Point	Credit Points (Credits x Grade Point)
	Course 1	6	A	8	48
	Course 2	6	C	5	30
	Course 3	4	B+	7	28
	Course 4	4	O	10	40
TOTAL		20	-		146
SGPA		146/20			7.30

Grade in Repeat Examination

SEMESTER WISE RESULT						
SEMESTER	I	II	III	IV	V	VI
TOTAL CREDITS						
OBTAINED CREDITS						
ADDITIONAL CREDITS						
SGPA						
ATTEMPT						
RESULT						

SGPA Semester Grade Point Average

FINAL RESULT PASS			
TOTAL CREDITS	CGPA	EQUIVALENT PERCENTAGE	DIVISION

CGPA -Cumulative Grade Point Average Equivalent Percentage = CGPA x 10

Date of Result

Controller of Examination

SAMPLE COPY FOR SEVENTH SEMESTER**ANNEXURE-S-3****Name of the University****GRADE SHEET**

Name of the Institute

Address of the Institute

Name of the Programme

Batch	Year
Enrollment No.	Roll No.
Name of the Student	Examination
Father's/Husband's Name	Mother's Name

Course Code	Course Title	Credits	Grade	Grade Point	Credit Points (Credits x Grade Point)
	Course 1	6	A	8	48
	Course 2	6	C	5	30
	Course 3	4	B+	7	28
	Course 4	4	O	10	40
TOTAL		20		-	146
SGPA		146/20			7.30

Grade in Repeat Examination

SEMESTER WISE RESULT							
SEMESTER	I	II	III	IV	V	VI	VII
TOTAL CREDITS							
OBTAINED CREDITS							
ADDITIONAL CREDITS							
SGPA							
ATTEMPT							
RESULT							

SGPA Semester Grade Point Average

CGPA -Cumulative Grade Point Average Equivalent Percentage = CGPA x 10

Date of Result

Controller of Examination

1
SAMPLE COPY FOR EIGHTH SEMESTER

ANNEXURE-S-4

Name of the University

GRADE SHEET

Name of the Institute

Address of the Institute

Name of the Programme

Batch	Year
Enrollment No.	Roll No.
Name of the Student	Examination
Father's/Husband's Name	Mother's Name

Course Code	Course Title	Credits	Grade	Grade Point	Credit Points (Credits x Grade Point)
	Course 1	6	A	8	48
	Course 2	4	C	5	20
	Course 3	10	B+	7	70
TOTAL		20		-	138
SGPA		138/20			6.90

Grade in Repeat Examination

SEMESTER WISE RESULT						
SEMESTER	I	II	III	IV	V	VI
TOTAL CREDITS						
OBTAINED CREDITS						
ADDITIONAL CREDITS						
SGPA						
ATTEMPT						
RESULT						

SGPA Semester Grade Point Average

FINAL RESULT PASS			
TOTAL CREDITS	CGPA	EQUIVALENT PERCENTAGE	DIVISION

CGPA -Cumulative Grade Point Average Equivalent Percentage = CGPA x 10

Date of Result

Vice Chancellor

Controller of Examination