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# मध्यप्रदेश राजपत्र

प्राधिकार से प्रकाशित

क्रमांक 4]

भोपाल, शुक्रवार, दिनांक 27 जनवरी 2017—माघ 7, शक 1938

## 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 17 जनवरी 2017

क्र. आर-221-सीसी-2016-अड़तीस.—राज्य शासन के निर्देशों के अनुसार मध्यप्रदेश निजी विश्वविद्यालय (स्थापना एवं संचालन) अधिनियम, 2007 की धारा 29 के अनुक्रम में एल. एन. सी. टी. निजी विश्वविद्यालय, भोपाल के पश्चात्त्वर्ती अध्यादेश क्र. 14-36 अधिनियम, 2007 की धारा 35 अनुसार प्रकाशित किया जाता है. संस्था के पश्चात्त्वर्ती अध्यादेश क्र. 14-36 प्रकाशित होने की तारीख से प्रवृत्त होंगे.

पश्चात्त्वर्ती अध्यादेश क्र. 14-36

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

## **LIST OF ORDINANCE**

<b>S.N o</b>	<b>Ordinance No.</b>	<b>Ordinance Name</b>
1	14	B.A.M.S (Bachelor of Ayurvedic Medicine & surgery)
2	15	MD( Ayurveda Vachaspati-Doctor of Medicine)
3	16	B.H.M.S(Bachelor of Homoeopathic)
4	17	Doctor of Medicine in Homoeopathy
5	18	Two year Diploma Courses
6	19	Bachelor of Physiotherapy (BPT) Occupational Therapy Course
7	20	Master of Physiotherapy (MPT) Sport/Orthopedics/Neurology/ Cardiothoracic/Obstetric & Gynecology Branches
8	21	Bachelor of Science in Medical Laboratory Technology (BMLT)
9	22	Master of Science in Medical Laboratory Technology (MMLT)
10	23	Bachelor in Audiology and Speech Language Pathology
11	24	Master in Audiology and Speech Language Pathology
12	25	X-Ray Radiographer Technician
13	26	Post Basic Diploma in Neonatal Nursing
14	27	Post Basic Diploma in Neuro Science Nursing
15	28	Post Basic diploma in Psychic /Mental Health Nursing
16	29	Post Basic diploma in Orthopaedic & Rehabilitation Nursing
17	30	Post Basic diploma in Oncology Nursing
18	31	Post Basic diploma in Cardio- Thoracic Nursing
19	32	Post Basic diploma in Emergency & Disaster Nursing
20	33	Post Basic diploma in Critical Care Nursing
21	34	Bachelor in Hospital Management
22	35	Master of Hospital Management
23	36	Master in Hospital Administration

# LNCT UNIVERSITY, BHOPAL

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

## ORDINANCE No. 14

### BACHELOR OF AYURVEDIC MEDICINE & SURGERY (B.A.M.S)

Statutory Body : Central Council of Indian Medicine

The programme shall be governed by the norms, rules and guideline of the concerned regulatory council Central council of Indian Medicine, New Delhi and the policies of Government of Madhya Pradesh.

#### 1. DEFINITION & DURATION:

The duration of the programme of instruction for the degree of Ayurvedacharya (Bachelor of Ayurvedic Medicine & Surgery) shall be Four Year and Six Months, followed by compulsory rotating internship for one year.

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

- Ist Professional 12 Month
- IIIndProfessional 12 Month
- IIIrdProfessional 12 Month
- Final Professional 18 Month

Compulsory Internship by Rotation 12 Month

#### 2. ADMISSION:

2.1 Eligibility: A candidate who attains the age of 17 years or more on or before 31<sup>st</sup> December of the year and has passed:

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

OR

- ii) An examination of any other University / Board recognized by state govt. as equivalent there to with at least 50% of marks in aggregate of Physics, Chemistry & Biology.

- iii) English should be essentially a subject in 10+2 examination.

- iv) The intake of seats will be made as per provision of statute 28 and as approved by govt. of India.

### 3. PROCEDURE:

Procedure of Admission shall be made through merit/entrance test conducted by govt. authorized agency in the state fee shall have to be remitted by student in the beginning of every academic year on duly notified dates. Candidates failing to deposit the fee in time shall be liable for penalty, as prescribed by the university. The fee structure laid down in the admission Bulletin of the specific year will remain applicable all through the course duration of the candidates who have taken admission in the concerned academic year concerned.

### 4. EXAMINATION:-

The examination shall be open to a person:-

A. Who possesses the qualification laid down in clauses 3.

B. (i) Who has been on the rolls of a college admitted to the privileges of this University for the period provided in clause 2.1.

(ii) Whose name is submitted to the Registrar/Controller of Examination by the Principal of the College provided that the Principal of the College certifies that the candidate has:

a) Attended not fewer than 75% of the full course of lectures delivered in each subject 85% of the period assigned to practical work in each subject ( the lectures & practical work shall be counted up to 21 days before the commencement of the examination).

4.2 The examination shall be held according to the syllabus prescribed by central council of Indian medicine New Delhi and adopted by the University for regular students. Provided that the syllabus for candidates for the compartment examination shall be the same as was in force in the last Annual Examination.

4.3 Number of Papers teaching hours and Marks for Theory / Practical are as below:

Name of the Subject	Number of hours of Teaching			Details of Maximum Marks			
	Theory	Practical	Total	Number of papers	Theory	Practical	Total
➤ 1 <sup>st</sup> PROFESSIONAL :-							
PadarthVigyaneyamAyu rvedkaltihas	100	--	100	Two	200	-	200

Sanskrit	200	--	200	One	100	-	200
kriyaSharir (Physology)	200	200	400	Two	200	100	100
RachnaSharir (Anatomy)	300	200	500	Two	200	100	300
MaulikSiddhantevamAsh tangHridaya (Sutra Sthan)	150	--	150	One	100	--	100
➤ II <sup>nd</sup> PROFESSIONAL :-							
DravyagunaVigyan	200	200	400	Two	200	200	400
AgadtantraVyavharAyur vedevamVidhiVaidyaka	200	100	300	One	100	50	150
Rasashastra Exam haishajvaKalpanaPart-1	200	200	400	Two	200	200	400
Charak- Samhitra(Puravardh)	200	--	200	One	100	--	100
➤ III <sup>rd</sup> PROFESSIONAL :-							
RogaNidan Exam VikritiVigyan	200	100	300	Two	200	100	300
SwasthaVritTa& Yoga	200	100	300	Two	200	100	300
Prasuti&Striroga	200	100	300	Two	200	100	300
BalRoga	100	100	200	One	100	50	150
CharakSamhita (Uttarardh)	200	--	200	One	100	--	100
➤ FINAL PROFESSIONAL :-							
Kayachikitsa	300	200	500	Two	200	100	300
Panchakarma	100	200	300	One.	100	50	150
ShalyaTantra	200	150	350	Two	200	100	300
ShatakyaTantra	200	150	350	Two	200	100	300
Reaearch Methodology & Medical - statistics	50	--	50	One	50	--	50

**NOTE:** The period of theory and practical shall not be less than 60 minutes (one hour) The duration of the practical of clinicalsubjects and RachnaSharir (dissection) shall be of at least 120 minutes (Two hours).

### 5.1 FIRST PROFESSIONAL EXAMINATION;

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

### 5.2 SECOND PROFESSIONAL EXAMINATION:

- a) The Second professional session shall start every year in the month of July following completion of First Professional examination.
- b) The second professional examination shall be ordinarily held and completed by the end of month of May/June every year after completion of one year of Second Professional session.
  6. DravyagunaVigyan (Pharmacology and MateriaMedica)
  7. Rasashastra-BhaishajyaKalpana (Pharmaceutical Science)and
  8. AgadTantraVyavharAyurvedeyamVidhiVaidyaka (Toxicology Medical Jurisprudence)
  9. Charak- Puravardh
- c) A student failed in not more than two subjects shall be eligible to keep the terms for the third professional examination, however he/she will not be allowed to appear for third professional examination unless he/she

passes in all the subjects of second professional examinations,

### 5.3 THIRD PROFESSIONAL EXAMINATION

- a) The Third Professional session shall start every year in the month of July following completion of second professional Examination.
- b) The Third Professional examination shall be ordinarily held and completed by the end. of the month of May/June every year after completion of one year of third professional session.
  1. RogaNidanVikritiVigyan (Pathology & Microbiology)
  2. CharakSamhitaUttarardh
  3. SwasthaVritta& Yoga (Preventive and Social Medicine & Yoga)
  4. Prasuti&Striroga (Gynaecology& Obstetrics)
  5. BalRoga (Paediatrics)
- c) A Student failed in not more than two subjects shall be eligible to keep the terms for the final professional examinations, however he/she willnot be allowed to appear for final professional examination unless he/she passes in all the subjects of Third Professional examination.

### 5.4 FINAL PROFESSIONAL EXAMINATIONS

- a) The final professional session will be of 1 and ½ years duration and shall start every year in the month of July following completion of Third professional examination .the final professional examination Shall be ordinarily held and completed by the end of month of Oct/Nov. every year after completion of one half year of final professional examinations.
- b) Final professional examination shall comprise the following subjects:
  1. ShalyaTantra (General Surgery)
  2. ShalakyaTantra (Diseases of Head& Neck including Ophthalmology, ENT and Dentistry)

3. Kayachikitsa (Internal Medicine-including ManasRoga, Rasayan & Vajkarana).
4. Panchakarma
5. Research Methodology & Medical – statistics.

#### 6. EXAMINATION FEE:

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

#### 7. EVALUATION:

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

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

7.2 Every successful candidate shall be granted a Certificate-cum detailed marks card of each examination. Marks obtained in each subject shall be supplied to unsuccessful candidates also, Provided that a candidate who qualifies all the four and half Years examinations of Ayurvedacharya will be issued a Degree of Ayurvedacharya (Bachelor of Ayurvedic Medicine & Surgery) B.A.M.S after completion of internship as provided in Clause-12

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

Departments	Distribution of Six Months	Distribution of Twelve Months
1. Kayachikitsa	2 Months	4 Months
2. Shalya	1 Month	2 Months
3. Shalakya	1 Month	2 Months
4. Prasuti Tantra & Stri Roga	1 Month	2 Months
5. Kaumarbhritya	15 Days	1 Month
6. Panchkarma	15 Days	1 Month

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



- (a) Primary Health Centre
- (b) Community Health Centre/ District Hospital
- (c) Any Hospital of Modern Medicine.
- (d) Any Ayurved Hospital or Dispensary

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

**NOTE:** Internship will start after the declaration of final year B.A.M.S examination result and Registration of Madhya Pradesh AyurwadaUnaniChikitsa board Bhopal

## **8. GENERAL**

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

- A)** Not withstanding anything contained in general ordinances of the University, the admission, courses of studies and examinations for Post Graduate Degree course in the Department for Post Graduate studies in affiliated colleges of LNCT University shall be governed by these Regulations.
- (B)** The aim of the Post Graduate Degree Course shall be the orientation in specialties and super specialties and to produce experts and specialists who can be competent and efficient teachers, clinicians, surgeons, experts in Ayurvedic pharmaceuticals, experts in Medicinal Plants, research workers and profound scholars in the respective field of specialization of Ayurveda.

**9.** Notwithstanding anything stated in this Ordinance, for any unforeseen issues arising, and not covered by this Ordinance, or in the event of differences of interpretation, the Vice-Chancellor may take a decision after obtaining, if necessary, the opinion. advice of a Committee consisting of any or all the Directors of the Departments/ Institutions/ Schools. Which will not be contradictory to the CCIM regulation / GOI/GOMP rules. The decision of the Vice-Chancellor shall be final.

**Establishment Under M.P. Act 17 of 2007****Ordinance No:15**

**Ayurveda Vachaspati - Doctor of Medicine ( Ayurveda )**  
**Ayurveda Dhanwantri - Master of Surgery (Ayurveda)**

**Ordinance & Regulation relating to the degree of Ayurveda Vachaspati - Doctor of Medicine in Ayurveda (MD.Ayurveda) and Ayurveda Dhanwantri - Master of Surgery in Ayurveda (MS.Ayurveda) - subject concern. These regulations are subject to the provision of the act, statute and ordinances, as in force from time to time.**

**1.Aims and Objects:**

The aims of the post-graduate degree courses shall be to provide orientation of specialties and su per-specialties of Ayurveda and to produce experts and specialists who can be competent and efficient teachers, physicians, surgeons, obstetricians and gynaecologists (Stri Roga, Prasuti Tantragya), pharmaceutical experts, researchers and profound scholars in various fields of specialization of Ayurveda.

**2.Specialties in which post-graduate degrees can be conducted: The post-graduate degree may be allowed in the following specialties:**

S. No	Name of Specialty	Nearest terminology of modern subject	Departments in which PG degree can be conducted
1	Ayurveda Samhita & Sidhanta	Ayurveda Samhita & Basic Principal of Ayurveda	Samhita & Basic Principal of Ayurveda
2	Rachna Sharir	Anatomy	Rachna Sharir
3	Kriya Sharir	Physiology	Kriya Sharir
4	Dravyaguna Vigyana	Materia Medica & Pharmacology	Dravyaguna
5	Ras Shastra & Bhaisajya Kalpana	Ayurveda Pharmaceuticals	Ras Shastra & Bhaisajya Kalpana
6	Prasuti & Stri Roga	Obstetrics & Gynecology	Stri Roga & Prasuti
7	Kaumarbhritya – Bala Roga	Pediatrics	Kaumarbhritya- Bala Roga
8	Swasthavritta & Yoga	Preventive Social Medicine and Yoga	Swasthavritta
9	Kayachikitsa	Medicine	Kayachikitsa
10	Rasayan & Vajikaran	Rasayan & Vajikaran	Kayachikitsa
11	Manovigyana avum manas Roga	Psychiatric	Kayachikitsa
12	Rog Nidan avum Vikriti Vigyan	Pathology & Diagnostic Procedure	Rog Nidan Avum Vikriti Vigyan
13	Chhaya avum Viriti	Imaging and Radio	Rog Nidan avum

	Vigyan	Diagnosis	Vikriti Vigyan
14	Shalya – Samanya	General Surgery	Shalya
15	Shalya – Kshar Karma avum Anushastra Karma	Surgery in Kshar Karma and Para Surgical Measures	Shalya
16	Sangyahaarana	Anesthesiology	Shalya
17	Asthi Sandhi & Marmagat Roga	Orthopedics	Shalya
18	Netra Roga	Ophthalmology	Shalakya
19	Karna Nasa Kantha & Shiro Roga	ENT & Head	Shalakya
20	Danta avum Mukha Roga	Dentistry and Oral disease	Shalakya
21	Panchkarma	Panchkarma	Panchkarma
22	Agad Tantra avum Vidhi Vaidyaka	Toxicology & Forensic Medicine	Agad Tantra

3. The nomenclature of post-graduate degree in respective specialties shall be as follows:

S. No	Name of Specialty	Abbreviation
1	Ayurveda Vachaspati Ayurveda – Ayurveda Samhita & Sidhanta	M.D. – Ayurveda Samhita & Basic Principal of Ayurveda
2	Ayurveda Vachaspati – Rachna Sharir	M.D. – Ayurveda (Anatomy)
3	Ayurveda Vachaspati – Kriya Sharir	M.D. – Ayurveda ( Physiology )
4	Ayurveda Vachaspati – Dravya Guna Vigyana	M.D. – Ayurveda Materia Medica & Pharmacology
5	Ayurveda Vachaspati – Ras Shastra & Bhaisajya Kalpana	M.D. - Ayurveda Pharmaceutical
6	Ayurveda Dhanwantri – Prasuti avum Stri Roga	M. S. – Ayurveda Obstetrics & Gynecology
7	Ayurveda Vachaspati – Kaumarbharitya – Bala Roga	M.D. – Ayurveda Pediatrics
8	Ayurveda Vachaspati – Kayachikitsa	M.D. – Ayurveda Medicine
9	Ayurveda Vachaspati – Swasthavritta & Yoga	M.D. – Ayurveda Preventive Social Medicine and Yoga
10	Ayurveda Vachaspati – Rog Nidan avum Vikriti Vigyan	M.D. – Ayurveda Pathology & Diagnostic Procedure
11	Ayurveda Dhanwantri – Shalya - Samanya	M. S. – Ayurveda General Surgery
12	Ayurveda Dhanwantri – Kshar Karma avum Anushastra Karma	M. S. – Ayurveda Surgery in Kshar Karma and para Surgical measures
13	Ayurveda Dhanwantri – Shalakya – Netra Roga	M. S. – Ayurveda Ophthalmology

14	Ayurveda Dhanwantri – Shalakya Shiro – Nass Karna avum Kantha Roga	M. S. – Ayurveda ENT & Head
15	Ayurveda Dhanwantri – Shalakya Danta avum Mukha Roga	M. S. – Ayurveda Dentistry & Oral disease
16	Ayurveda Vachaspati – Mano Vigyana avum Manas Roga	M.D. – Ayurveda Psychiatry
17	Ayurveda Vachaspati – Panchkarma	M.D. – Ayurveda Panchkarma
18	Ayurveda Vachaspati – Agad Tantra avum Vidhi Vaidyaka	M.D. – Ayurveda Toxicology & Forensic Medicine
19	Ayurveda Vachaspati – Sangyahaarana	M.D. – Ayurveda Anesthesiology
20	Ayurveda Vachaspati – Chhaya avum Vikiran Vigyan	M.D. – Ayurveda Imaging and Radio diagnosis
21	Ayurveda Vachaspati – Asthi Sandhi & Marmagati Roga	M. S. – Ayurveda Orthopedics and Marma
22	Ayurveda Vachaspati – Rasayan & Vajikaran	M.D. – Ayurveda Resayan & Vajikaran

#### 4. Mode of Admission:

- (1) A person possessing the degree in Ayurved of AUniversity or Board or medical institution specified in the Second Schedule to the IMCC of Government of India Act shall be eligible for admission in the post' graduate degree course.
- (2) The University or Board or medical institution as the case may be, shall constitute an admission Committee, which shall supervise the admission procedure under the guidelines of State government issued from time to time.
- (3) Selection of candidates shall be made strictly on the basis of final merit index calculated out of total of 100 Marks based on written test.
- (4) The written test of 100 marks shall consist of one common written paper comprising of objective type questions covering all the subjects of Ayurvedacharya (BAMS) course, the details of which shall be decided by the admission Committee constituted under sub-regulation (2).
- (5) The minimum eligibility marks for admission in the case of general candidates shall be fifty per cent of the total index of marks and in the case of candidates belonging to the Scheduled Castes and Scheduled Tribes and regular Government service candidates shall be forty percent.

(6) The sponsored candidates shall also be required to possess the percentage of marks specified in sub regulations (5) except foreign nationals.

(7) Reservation for all categories shall be applicable as per State Government / Central Government policy.

(8) Change of subject shall be permissible within a period of two months from the date of admission, subject to availability of vacancy and guide in the concerned Department.

**5. Period of study and attendance:**

- (1) The student shall have to undergo a study for a period of three years after the admission.
- (2) The students shall have to attend at least seventy five per cent of total lectures, practicals and clinical tutorials or classes to become eligible for appearing in the examination.
- (3) The students shall have to attend the hospital and other duties as may be assigned to them during the course of study,
- (4) The students of Clinical subject shall have to do Resident duties in their respective departments and student of non clinical subject have duties in their respective departments like Pharmacy, Herbal Garden, Laboratory during entire period.
- (5) The students shall have to attend special lectures, demonstrations; seminars, study tours and such other activities as may be arranged by the teaching departments.

**6. Method of training:**

- (1) Intensive training shall be provided in classical knowledge along with comparative and critical study in the respective specialty.
- (2) The emphasis shall be given on intensive applied and hand on training.
- (3) The students shall have to acquire the knowledge about the methods and techniques of research in the respective fields making use of Information Technology.
- (4) In clinical subjects the student shall undertake responsibility in management and treatment of patients independently and deal with emergencies.
- (5) The students shall have to undertake training in teaching technology and research methods and shall have to participate in the teaching and training

programmes of Under-Graduate students or interns in the respective subjects during the course of studies.

(6) In the first year of the course, the students shall have to acquire knowledge in the applied aspect of the fundamentals Ayurved.

(7) In the clinical training the student shall have to acquire the knowledge of independent work as a specialist.

(8) In the specialties of Shalya, Shalakya and Prasuti & Stri Roga the student shall have to undergo training of investigative procedures, techniques and surgical performance of procedures and management in the respective specialty.

#### **7. Dissertation:**

(1) The title of the dissertation along with synopsis, with approval of the ethics committee constituted by the institute as per Regulations of concerned University, shall be submitted to the University within a period of six months from the date of admission to PG course.

(2) If the student fails to submit the title of the dissertation and synopsis within a period specified under sub regulation (1) his term for final PG course will be extended for six months or more in accordance with the time of submission of the synopsis to the University.

(3) The synopsis of the proposed scheme of work should indicate the familiarity of student with the proposed theme of work, the name of the department and the name and designation of the guide or supervisor and co-guide, if any. The University should approve the synopsis not later than three months after submission of the synopsis.

(4) For approving the title a scrutiny committee shall be constituted by the University.

(5) The University should display the approved synopsis of dissertation on their website.

(6) The subject of every dissertation shall be research, practical oriented, innovative and helpful in the development of Ayurveda. The subject of the dissertation shall have relation with the subject matter of the specialty.

(7) Once the title for dissertation is approved by the Scrutiny Committee of the University, the student shall not be allowed to change the title or the proposed theme of work without permission of the University.

(8) No student shall be allowed to submit the dissertation before six months of final year. However, the student shall continue his or her regular study in the institute after submission of dissertation.

(9) The dissertation shall contain the methods and data of the research carried out by the student on the problem selected by him and completed under the guidance of the teacher approved by the University.

(10) The dissertation shall consist critical review of literature, methodology, results of the research, discussion on the basis of research findings of the study summary conclusion, and references cited in the dissertation should be suitable for publication.

(11) The dissertation shall consist of not more than forty thousand words.

(12) The dissertation shall contain, at the end, a summary of not more than one thousand five hundred words and the conclusion not exceeding one thousand words,

(13) The guide or supervisor shall be a person of status of a Professor or Reader/Associate Professor, Lecturer/Assistant Professor with five years University approved teaching experience or three years Co-Guide.

(14) Five copies of the bound dissertation along with a certificate from the supervisor or guide should reach the office of the Registrar of the University four months before the final examination.

(15) The dissertation shall be assessed by two external and one internal examiners appointed by the University.

(16) The dissertation shall be accepted only after the approval of examiners appointed under sub-regulation and in case of disapproval by one external examiner; the dissertation shall be referred to third examiner.

(17) If the dissertation is not accepted by two external examiners, the same shall be returned to the student with the remarks of the examiners and the student can resubmit the dissertation after making necessary improvement in the light of examiners' report to the University within a further period of six months.

(18) The student shall be permitted to appear in the final examination of Post-graduate degree course only after the examiners appointed for the purpose have approved the dissertation.

#### **8. Examination and assessment,**

(1) The post-graduate degree course shall have two examinations in the following manner: -

(a) The preliminary examination shall be conducted at the end of one academic year after admission;

(b) The final examination shall be conducted on completion of three academic years after the admission to PG Course;

(c) Examination shall ordinarily be held in the month of June or July and November or December every year;

(d) For being declared successful in the examination, student shall have to pass all the subjects separately in preliminary examination;

(e) The student shall obtain minimum 50% marks in Practical and theory subjects separately to be announced as pass;

(f) If a student fails in preliminary examination, he/she shall have to pass in that subject before appearing in the final Examination;

(g) If the student fails in theory or practical in the final examination, he/she can appear in the subsequent examination without requiring to submit a fresh dissertation; and

(h) The post-graduate degree shall be conferred after the dissertation is accepted and the student passes the final examination.

(2) The examination shall be aimed to test the clinical acumen, ability and working knowledge of the student in the practical aspect of the specialty and his/her fitness to work independently as a specialist.

(3) The clinical examination shall aim at a careful assessment of the competence of the student, so that his/her familiarity with Ayurved and scientific literature in the specialty could be judged.

(4) The viva-voce part of the practical examination shall involve extensive discussion on any aspect of the specialty.

#### 9. Subjects of examination:

(1) The preliminary examination at the end of one academic year after admission shall be conducted in the following subjects: -

Paper I

Part A - Research Methodology

Part B - Bio/ Medical statistics

Paper II

Part A - Applied aspects of fundamentals regarding concerned subjects.

Part B - Concerned subjects

(2) The student shall have to undergo training in the department concerned and shall maintain month-wise record of the work done during the last two years of study in the specialty opted by him/her as under:-

(i) Study of literature related to specialty,

(ii) Regular clinical training in the hospital for student of clinical subject.

(iii) Practical training of research work carried out in the department for student of non - clinical subject.

(iv) Active participation in various seminars, symposia and discussions,

(v) Finalizations of topic of dissertation and synopsis,

(vi) The assessment of the work done during the first year on the above points shall be done at the time of preliminary examination;



**(3) The final examination**

(a) dissertation; (b) written papers; and (c) clinical, oral and practical examination, as the case may be.

(4). There shall be four theory papers in each specialty and one practical or clinical and viva-voce examination in the concerned specialty or group of sub-specialties selected by the student for special study.

(5) The student shall have to publish / accepted at least one Research paper on the basis of his research work in one Journals based on his dissertation and one paper presentation in Regional level Seminar.

**10. Appointment of examiner:**

The preliminary examination and final examination will be held in practical, clinical and oral examination final. The final examination shall be conducted by a team of 2 Examiners (Retired or Serving) out of which one should be external. The examiner should be minimum of Reader level or should have minimum 8 years PG teaching experience.

**11. Criteria for affiliation of Post Graduate Center from the University:**

- (1) The postgraduate education center shall satisfy the entire minimum requirements of undergraduate training as prescribed by the Central Council of Indian Medicine (CCIM).
- (2) Facilities regarding training in basic sciences of Ayurveda and other supporting subjects as specified by the CCIM shall be provided by the Centre.
- (3) All the facilities of ancillary departments shall be made available by the Centre.
- (4) The Center shall have adequate equipment and research facilities required for training in the related specialty and subject
- (5) The minimum additional teaching staff required for starting post-graduate course shall be one Reader and one Lecturer of concerned subject, in addition to the teachers stipulated for under-graduate teaching. The specialty, which does not exist as independent department at UG level shall have minimum one Professor/ Reader and one Lecturer for starting PG.
- (6) The Centre shall have a fully equipped hospital consisting of at least one hundred beds with specialty-wise adequate facilities in all departments. The P.G. subject in non- clinical subject shall be admissible on the basis of Bed strength as specified for UG Norms. But for PG in clinical subjects additional beds in the student ratio of 1: 4 shall be provided.
- (7) The annual average bed-occupancy in the hospital shall be more than 50%.
- (8) In clinical departments one Registrar or Senior Resident shall be appointed for every twenty beds.
- (9) Any UG Institution which has not completed minimum 4<sup>1/2</sup> / 5 years of UG teaching shall not be eligible for applying for PG permission.

**12. Facilities for postgraduate students'**

The stipend and contingency shall be provided at the rates prevailing in the State for other medical postgraduate students.

**13. Students teacher ratio:**

The teacher student ratio shall be such that the number of postgraduate teachers to the number of post-graduate students admitted per year is maintained at 1 :3 in case of Professors 1:2 in case of Readers and 1:1 in case of Lecturer having minimum 5 years experience. The maximum number of students per year per specialty shall not exceed six and this provision shall not be applicable to the existing PG seats.

**14. Medium of instructions - Hindi, Sanskrit or English.**

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

**ORDINANCE No. 16**

**B.H.M.S. (BACHELOR OF HOMOEOPATHIC MEDICINE AND SURGERY)**

1. **AIM:-** Homeopathy type of medicine in curing medicine which is different from other types of medicines because it after gradually if roots and out the disease and eradicates it and therefor this the best types of pathy
2. **NAME OF STATUTORY /REGULATORY BODY :-**  
The Statutory /Regulatory body Central Council of Homoeopathy.(A Statutory Body under the Ministry of AYUSH,GOVT of India)
3. **DURATION:-** Degree Courses :- 4 1/2 Year + 1 Year Compulsory internship training.
4. **ELIGIBILITY CRITERIA:-** A candidate who attains the age of 17 years or more on or before 31st December of the year and has passed:
  - i) 10+2 examination from the MP Board of School Education, with at least 50% of marks in aggregate of Physics, Chemistry & Biology for unreserved category 40% for SC / ST category students.
  - OR
  - ii) An examination of any other University / Board recognized by state govt. as equivalent there to with at least 50% of marks in aggregate of Physics, Chemistry & Biology.
  - iii) English should be essentially a subject in 10+2 examination.
5. **ADMISSION PROCESSES :-**Admissions are done at institutional level According to merit .and the reservation rules are followed as per Norms of the Government.
6. **CANCELLATION OF ADMISSION :-**  
In case of Producing false documents and non payment of the fees, the admission will be cancelled .
7. **FEES:-** To be reviewed by Ayog (M.P. Private University) .
8. **ATTENDANCE**  
  
To be eligible to appear in the examination candidates must have 80 %.
9. **DIVISION =** The result will be decided & follow
  1. Pass/Qualifying mark 50 %
  2. IInd Division 50 %- 59 %
  3. I st Division 60% -74 %
  4. Distinction :75 % and above of grand total marks in first attempt
10. **MODE OF EXAMINATION:-**Yearly

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

**ORDINANCE No: 17**  
**DOCTOR OF MEDICINE IN HOMOEOPATHY**

1. **AIMS:-**Homeopathy type of medicine in curing medicine which is different from other types of medicines because it after gradually if roots and out the disease and eradicates it and therefor this the best types of pathy
2. **NAME OF STATUTORY /REGULATORY BODY:-**  
The Statutory /Regulatory body Central Council of Homoeopathy.(A Statutory Body under the Ministry of AYUSH,GOVT of India)
3. **DURATION:-** 3years
4. **ELIGIBILITY CRITERIA:** BHMS
5. **ADMISSION PROCESSES:-** Admissions are done at institutional level According to merit .and the reservation rules are followed as per Norms of the Government.
6. **CANCELLATION OF ADMISSION :-**  
  
In case of Producing false documents and non payment of the fees, the admission will be cancelled .
7. **FEES:-** To be as decided by University.
8. **ATTENDANCE**  
  
To be eligible to appear in the examination candidates must have 80 %.
9. **DIVISION =** The result will be decided & follow
  1. Pass/Qualifying mark 50 %
  2. II nd Division 50 %- 59 %
  3. I st Division 60% -74 %
4. **Distinction :**75 % and above of grand total marks in first attempt
10. **MODE OF EXAMINATION:-**Yearly

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

**ORDINANCE No 18  
TWO YEARS PARAMEDICAL DIPLOMA COURSE**

**1 AIMS**

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

**2 OBJECTIVES**

- 2.1 To impart adequate theoretical and practical knowledge required for the paramedical technician.
- 2.2 To enable the student to perform various routine paramedical techniques and practices.  
This ordinance shall be applicable for two years paramedical Diploma Courses:
- 2.3 The first Paramedical Diploma of Two years course, Hereinafter called 2 - YDC, shall be designed as Diploma in Paramedical, in respective Branch.
- 2.4 The ordinance shall be applicable:
  1. Diploma in O.T. Technology
  2. Diploma in Dialysis Technician
  3. Diploma in X-Ray Radiographers
  4. Diploma in Medical Laboratory (DMLT)
  5. Diploma in Paramedical Ophthalmic Assistant
  6. Diploma in perfusionist Cardiac Surgery Technician
  7. Diploma in Cath -Lab Technician
  8. Diploma in Optometric –Refraction
  9. Diploma Anesthesia Technician
  10. Diploma in Sanitary Inspector
  11. Diploma in Medical Record Science
  12. Diploma in clinical Biochemistry

**3.0 Academic Qualification and Selection criteria for Admission**

- 3.1 Minimum qualification for admission to the paramedical Certificate course shall be the Qualifying Higher Secondary School Certificate Examination (10+2) with Science Physics, Chemistry, Biology and Mathematics from M.P. Board of Secondary Education or 12\* standard 2 years

**P.U.C or equivalent examination from a recognized Board/University.**

**3.2 For SC/ST/Other Category Candidate, The seat will be reserved as per provision of M.P. Govt. Norms as amended time to time. Other norms laid down by State Council of Paramedical course shall also be followed.**

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

**3.4 Selection Criteria: The admission in Paramedical Diploma program First Year shall be based on the merit of the qualifying examination.**

**Or**

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

**3.5 On admission, every candidate shall have to get fitness certificate, for physical fitness**

#### **4.0 NUMBER OF SEATS**

**Number of seats will be as per course approval by competent Authority.**

#### **5.0 FEE STRUCTURE**

**5.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority.**

#### **6.0 CURRICULUM AND SYLLABI**

**The curriculum and syllabi will be framed by concerned Board of studies which duly approved by academic counsel in accordance with the guidelines issued by concerning**

#### **7.0 COMMENCEMENT OF COURSES**

**7.1 The course shall be commencing from the month of August/ September of every academic year.**

**7.2 The subjects to be studied in the academic year of the Paramedical Diploma programs shall be as per the scheme, approved by Academic Council of the University.**

#### **8.0 EXAMINATION**

**8.1 The medium of Instruction shall be English throughout the course.**

**8.2 University Examination; Theory & Practical:**

**8.2.1 There shall be University examination, at the end of the academic year.**

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

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

**8.2.4** University examination shall consist of Theory in all the subjects. There shall be Practical examinations for practical subjects.

**8.2.5** Theory and Practical examination shall be considered as separate heads/ subjects for passing.

**8.2.6** Scheme of the Examinations shall be as per the scheme, approved by Academic Council of the University

**8.3 Written Examination**

**8.3.1** Written Examination shall be of 3 Hours

**8.3.2** Each theory paper shall carry marks.

**8.4 Appointment of Examiners/ Question Paper Setters**

**8.4.1** The appointment of examiner for the University Examination shall be as per ordinance No. 5 based on Following

**8.5 Criteria for Passing**

To pass a subject in the University examination:

**8.5.1** A candidate shall have to obtain separately 50% marks in written exam plus internal assessment plus viva voce and 50% marks in practical exam of final examinations in order to declare pass.

**8.5.2** A candidate failing either in Theory or Practical part shall be declared as failed in the subject and such candidate/ candidates shall appear for the subject in next examination.

**8.5.3** A candidate had to clear all the subjects of first year to be eligible to appear in the final year examination. university examination. The merit list shall include the first ten candidates securing at least First Division and passing all the appeared subjects in annual examination in first attempt.

**8.6 Internal Examination**

**8.6.1** Two Internal assessment Examinations (Theory and Practical) shall be conducted in each year as applicable for the subject.

**8.6.2** The Internal assessment examinations shall be conducted for Theory subjects. 40% of Internal assessment marks shall be allotted from best of two internal : examinations. 40% shall be on the basis of Day to Day Assessment based on

Attendance, Seminars, Assignments, Symposiums, Clinical Postings, Ethical Practices/ Skills, etc. Remaining 20% weightage shall be for extracurricular activities & conduct of student at academic & clinical environment.

**8.6.3** Best marks out of two internal examinations shall be considered for inclusion in the University examination

**8.6.4** The Internal assessment marks shall be computed to determine the passing criteria in the University examination; the marks shall be added to the written exam.

**8.7 Division and Merit List ;**

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

There shall be Divisions as follows:

Distinction: 75% and above of grand total marks in First attempt  
First Division: >60% and <75% of grand total marks in First attempt.  
Second Division: >50% and <60% of grand total marks in First attempt.

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

**8.7.2** The merit shall be declared by the University after the final year University examination, on the basis of the Aggregate marks of all academic years in

**9.0 GRACE MARKS**

**9.1** Award of Grace Marks shall be considered in Theory examinations, up to two subjects only when a student is likely to pass the whole examination with the help of Grace Marks.

**9.2** Grace marks shall not exceed a Maximum of 5 marks under any circumstances in an examination.

**9.3** The grace marks shall not be added to the aggregate of subject/ examination.

**9.4** The Grace marks shall not be awarded in Dissertation/ Practical examination.

**10.0 ATTENDANCE**

**10.1** Candidates appearing as regular student for any annual examination are required to attend a minimum of 75% of the total Theory and the practical classes held separately in each subject of the course of the study.

**10.2** The total lectures and practical shall be conducted as per the scheme and the syllabus.

**11.0 CANCELLATION OF ADMISSION**

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

**11.1.1** He/ she is not found qualified as per Rehabilitation Council Of India/ MP Paramedical Council norms and guidelines or the eligibility criteria prescribed by the university.

OR

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

OR

**11.1.3** He/She is found involved in serious breach of discipline.

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

## **ORDINANCE No. 19**

### **BACHELOR OF PHYSIOTHERAPY (BPT) OCCUPATIONAL THERAPY COURSE**

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

##### **a) AIMS :**

Acquisition of adequate theoretical and the practical knowledge and foundation in the basic Pre-clinical, Para-clinical and clinical medical subjects. Proficiency in the diagnosis and skills of basic physiotherapy procedures and the techniques with adequate theoretical basis and rationale of allied sciences. To detect and evaluate the anatomical, patho-physiological impairments, resulting in disfunction of various age groups & occupation; as well as epidemiological features in the population & arrive at approach to the medical system and surgical intervention regimens & accordingly plan & implement specific Physiotherapeutic measures effectively. To practice Professional Autonomy & Ethical principles with referral as well as first contact clients in conformity with ethical code for Physiotherapists. To practice Moral and Ethical values and Evidence Based Practices with regard to Physiotherapy.

##### **b) OBJECTIVES**

The Objective of the course which is complementary to medicine shall be to allow the students.

- a) To acquire adequate theoretical & practical knowledge in the basic medical subjects.
- b) To impart Electrotherapy & Therapeutic Exercise procedures with adequate theoretical & practical base.
- c) To enable the student to acquire skills in the evaluation & diagnosis of the physical problems presented by the patients.
- d) To build up a learning process that shall include living experience, problem oriented approach, case studies & community health care activities.
- e) To impart competency in Physiotherapeutic measure of specific choice towards Preventive, Curative, Symptomatic & Restorative or Rehabilitative goals in a variety of health care setting.
- f) To develop professional autonomy through independent physical diagnosis and prescription



as a physiotherapist for all physiotherapy related referrals and / or primary clients.

- g) To endorse physiotherapeutic moral and ethical codes as per international standards and to emphasis on the conduct of professional practice for patient's welfare as the primary responsibility.
- h) To develop confidence in clinical, teaching and administrative assignments and continue to seek further knowledge in the fields of physiotherapy.
- i) To introduce the students to the fundamentals of Biostatistics & Physiotherapy Research activities.
- j) To teach every aspect of National policies on health and devote himself / herself to its practical implementation.

## 2.0 COURSE STURCTURE

- a) The Degree in Physiotherapy of 4½ years (Four academic years and Six months internship) course here in after called 4½ year degree course shall be designated as Bachelor of Physiotherapy, in hort BPT.
- b) Duration of the course: The Bachelor of Physiotherapy (BPT) is a Four & Half year (including internship) regular degree course, named below:
  - i. BPT- I year
  - ii. BPT – II year
  - iii. BPT – III year
  - iv. BPT – IV year

After successful completion of BPT IV year, the student shall require to complete six months Compulsory Internship Program by rotation.

- c) Each academic year shall consist of 240 teaching days.
- d) Compulsory by roatation Internship shall be not less than 6 months.
- e) The student admitted in BPT course shall have to complete the course within the maximum permissible duration of 8 years, from the date of admission.

## 3.0 ACADEMIC QUALIFICATION & SELECTION CRITERIA FOR ADMISSION

- a. Admission to the First year in Bachelor of Physiotherapy degree course shall be 10+2 system of education in science group of equivalent examination with Chemistry, Physics & Biology, as

main subjects conducted by a recognized Board/Council/ University with minimum of 50% of marks. However for SC/ST/OBC candidates the percentage will be relaxed to 45%.

- b. Vocational Subject like Bio-technology, MLT, Fisheries, Dietetics, Live Stock and Poultry etc. in substitution for Biology shall be also considered for Eligibility.
- c) The candidate should have completed minimum of 17 years of age on/before 31<sup>st</sup> December of the academic session concerned.
- d) Selection Criteria: The admission in BPT – First Year shall be based on the merit of the qualifying examination.
- e) Common Entrance Test (CET), conducted by the University/ any designated agency.
- f) On admission, every candidate shall have to get fitness certificate from LNMC Medical Officer for physical fitness.

#### **4.0 COMMENCEMENT OF COURSE**

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

#### **5.0 REGULATIONS RELATING TO THE ASSESSMENT OF ACADEMIC GROWTH OF THE STUDENT**

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

The medium of Instruction and Examination shall be English throughout the course of the study.

##### **5.1 ATTENDANCE**

- a) Candidates appearing as regular student for any annual examination are required to attend 75% of the total lecturer's delivered and of the practical classes held separately in each subject of the course of the study.
- b) The total lectures and practical shall be conducted as per scheme and syllabus given in subsequent section.

##### **5.2 Sessional Examinations**

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

##### **5.3 Internal Assessment**

The internal assessment for each subject (in Theory and Practical separately) of each academic year shall carry 20 marks in theory and 20 marks in practical, separately.

##### **5.4 University Examination; Theory & Practical**

**5.4.1 Written Examination:**

- a. The Main Examination shall be held on yearly basis for all the Four years respectively.
- b. There shall be 2 University Examination in a year: Main examination in May/June and Supplementary Examination II examination) in October/November.

The succeeding examination shall be held within 6 months.

**5.5 Appointment of the Examiners/Question Paper Setters**

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

For Theory paper setting and valuation there shall be two examiners for each subject, one Internal Examiner and one External Examiner shall be required. Both the examiners shall be Assistant Professor with 3 years teaching experience in the subject concerned.

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

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

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

**5.6 Criteria for Passing**

In each subject / head (Theory and Practical);

In all the University examinations, the candidates shall have to obtain 50% of marks separately in theory plus Viva Voce plus Internal Assessment and Practical plus Internal Assessment examination.

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

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

### 5.7 Division and Merit List

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

There shall be Divisions as follows:      Distinction: 75% and above of grand total marks in First attempt.

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

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

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

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

### 6.0 REVALUATION / RE-TOTALING

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

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

### 7.0 COMPULSORY INTERNSHIP BY ROTATION :

There shall be Six months of internship after the Final year examination, for the candidate who declared passed the examination in all the subjects. Internship should be Rotating and Compulsory for all the students.

Internship should be done in minimum 100 bedded specialty hospitals in various specialties.

Hospital must have Physiotherapy OPD with qualified Physiotherapist to guide the students.

The Internship shall cover the clinical branches; concerned with Physiotherapy such as Orthopedics, Cardio-respiratory Medicine & Surgery including ICU, Neurology, Neurosurgery, Pediatrics, General Medicine, General Surgery, Obstetrics and Gynecology both In-patient and Outpatient services.

Student seeking training outside the campus must obtain a NOC form from the HOI prior to the program.

Any absenteeism, misconduct, poor performance etc. may

require the extension of the program on recommendation of the HOD.

Students shall obtain Internship Completion Certificate from the hospital concerned with the specialty and the hours of program. Same should be submitted to the institute for the Six months Internship Completion Certificate.

Candidate shall be awarded with the Degree certificate only after the successful completion of the Compulsory Six months Internship by rotation.

The 6 months of Rotational Internship shall be covered in the following pattern:

S.NO.	Department	Period
1)	Physiotherapy & Rehabilitation Medicine OPD (including Pediatrics to Geriatrics cases)	1 month
2)	Orthopedic wards and OPD	1 month
3)	Neurology and Neurosurgery wards (including Neuro ICU) and OPD	1 month
4)	Cardio-respiratory Medicine & Surgery ward and OPD	1 month
5)	General Medicine and Pediatric wards (including NICU and ICCU) and OPD	1 month
6)	General Surgery wards (including Burns, OBG)	1 month

**Issue of Internship Completion Certificate:** Every candidate, after successful completion of Six months Internship by rotation shall be eligible for Internship Completion Certificate, issued by HOI.

## 8.0 CANCELLATION OF ADMISSION

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

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

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

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

## 9.0 SCHEME OF COURSE / EXAMINATION

### 9.1 SCHEME OF TEACHING SCHEDULE ( FOR EACH ACADEMIC YEAR)

Subject	Theory Min. Hrs	Practical Min. Hrs	Clinical / Lab Posting	Total Hrs.
<b>FIRST YEAR</b>				
Human Anatomy	140	60	-	200
Human Physiology	140	60	-	200

Bioelectrical modalities	80	-	-	80
Biomechanical	80	-	-	80
Psychology and Sociology	60+60	-	-	120
Applied English	60	-	-	60
First aid and Basic Nursing	60	20	-	80
<b>SECOND YEAR</b>				
Biochemistry & Pharmacology	60+60	-	-	120
Pathology & Microbiology	60+60	-	-	120
Gen. Surgery / Obs / Gynea/ENT/Opth	100	20	30	150
Gen. Medicine	100	20	30	150
Orthopedics	100	20	30	150
Electrotherapy	100	100	-	200
Exercise Therapy including Yoga	100	100	-	200
<b>THIRD YEAR</b>				
Neurology, Neurosurgery, Cardio-thoracic Disease & Surgery	120	20	40	180
Physiotherapy in Orthopedics	120	100	30	250
Physiotherapy in Neurology & Neurosurgery	120	100	30	250
Physical Evaluation	120	80	-	200
Biomechanics & Bio-engineering	60+60	-	-	120
Occupational Therapy & Speech Therapy	10+10	-	-	20
Observatory Clinical Posting	-	-	100	100
<b>FOURTH YEAR</b>				
Physical Diagnosis & Prescription	80	40	-	120
Physiotherapy in Cardiothoracic Conditions	120	80	60	260
Sports Physiotherapy	120	80	60	260
Community Medicine, Community PT, Field Visits and Physiotherapy Ethics	60+60	-	40	160
Rehabilitation Therapy & Biostatistics	40+40	-	20	100
Project	-	-	-	40
Clinical Posting	-	-	300	300
Clinical Research Methodology	20	-	-	20
Computer Science	20	40	-	60

**Non Examination (Subsidiary) Subjects.**

## 9.2 QUESTION PAPER PATTERN

The subject having section A and section B with max. 100 marks (50 marks each) Each section (A/B) shall have the following pattern		
ESSAY TYPE	1 (ANY 1 OUT OF 2)	20
SHORT ANSWER TYPE	5 (ANY 5 OUT OF 6)	6x5=30
The subject having section A and section B with max. 80 marks (40 marks each) Each section (A/B) shall have the following pattern		
ESSAY TYPE	1 (ANY 1 OUT OF 2)	20
SHORT ANSWER TYPE	4 ( ANY OUT OF 5)	5x4 = 20

## 9.3 SCHEME OF EXAMINATION

BPT – I YEAR										
S. NO	Subject	Theory					Practical			
		Written		Viva Voce	Internal Assessment	Min. Marks	Practical	Internal Assessment	Min. Marks	Total
		Time	Max. Marks	Max. Marks	Max. Marks		Max. Marks	Max. Marks		Max. Marks
1.	Human Anatomy	3 hrs.	100	20	20	70	40	20	30	200
2.	Human Physiology	3 hrs.	100	20	20	70	40	20	30	200
3.	Bioelectrical modalities	3 hrs.	80	-	20	50	-	-	-	100
4.	Biomechanical	3 hrs.	80	-	20	50	-	-	-	100
5.	Psychology and Sociology	3 hrs.	80	-	20	50	-	-	-	100

## • SCHEME OF EXAMINATION

BPT – II YEAR										
S. NO	Subject	Theory					Practical			
		Written		Viva Voce	Internal Assessment	Min. Marks	Practical	Internal Assessment	Min. Marks	Total
		Time	Max. Marks	Max. Marks	Max. Marks		Max. Marks	Max. Marks		Max. Marks
1.	Biochemistry & Pharmacology	3 hrs.	80	-	20	50	-	-	-	100
2.	Pathology & Microbiology	3 hrs.	80	-	20	50	-	-	-	100
3.	Gen. Surgery/ Obs/ Gyneal	3 hrs.	80	-	20	50	-	-	-	100

	ENT/ Opth									
4.	Gen. Medicine	3 hrs.	80	-	20	50	-	-	-	100
5.	Orthopedics	3 hrs.	100	20	20	70	40	20	30	200
6.	Electrotherapy	3 hrs.	100	20	20	70	40	20	30	200
7.	Exercise Therapy Including Yoga	3 hrs.	100	20	20	70	40	20	30	200

• SCHEME OF EXAMINATION

BPT – III YEAR										
S. NO	Subject	Theory					Practical			
		Written		Viva Voce	Internal Assessment	Min. Marks	Practical	Internal Assessment	Min. Marks	Total
		Time	Max. Marks	Max. Marks	Max. Marks		Max. Marks	Max. Marks		Max. Marks
1.	Neurology, Neurosurgery, Cardio-thoracic Disease & Surgery	3 hrs.	80	-	20	50	-	-	-	100
2.	Physiotherapy in Orthopedics	3 hrs.	100	20	20	70	40	20	30	200
3.	Physiotherapy in Neurology & Neurosurgery	3 hrs.	100	20	20	70	40	20	30	200
4.	Physical Evaluation	3 hrs.	100	20	20	70	40	20	30	200
5.	Biomechanics & Bio-engineering	3 hrs.	80	-	20	50	-	-	-	100

SCHEME OF EXAMINATION

BPT – IV YEAR										
S. NO	Subject	Theory					Practical			
		Written		Viva Voce	Internal Assessment	Min. Marks	Practical	Internal Assessment	Min. Marks	Total
		Time	Max. Marks	Max. Marks	Max. Marks		Max. Marks	Max. Marks		Max. Marks
1.	Physical Diagnosis & Prescription	3 hrs.	100	20	20	70	40	20	30	200
2.	Physiotherapy in Cardiothoracic Conditions	3 hrs.	100	20	20	70	40	20	30	200
3.	Sports Physiotherapy	3 hrs.	100	20	20	70	40	20	30	200
4.	Community Medicine,	3 hrs.	80	-	20	50	-	-	-	100



	Community PT, Field Visits and Physiotherapy Ethics									
5.	Rehabilitation Therapy & Biostatistics	3 hrs.	80	-	20	50	-	-	-	100

Minimum 50% pass marks are required in theory & internal assessment as well as in practical & viva-voce.

#### GUIDE LINE:

With regard to the reforms in Paramedical standards and their implementation, the council proposed and the committee formed by Government recommended and in view of the recommendations, the following revised standards are refixed.

##### 01- Lecturer room

For Degree syllabus minimum 700-800 sq. ft. four halls Per subject.

For Diploma syllabus minimum 700-800 sq. ft. 2 halls (two halls) per subject.

For Certificate syllabus minimum 700-800 sq. ft. one hall per subject.

##### 02- Demonstration room

For Degree syllabus minimum 700-800 sq. ft. four halls per subject.

For Diploma syllabus minimum 700-800 sq. ft. 2 halls per subject.

For Certificate syllabus minimum 700-800 sq. ft. one hall per subject.

##### 03- Academic Staff

With regard to Paramedical Degree syllabus standards already fixed by the council have been sustained the academic staff, ability and for Paramedical Diploma and Certificate, academic staff and their eligibility have been revised as follows.

LAB Technician for 10 years qualified Degree or diploma holder will be considered for the post of "Demonstrator, in the institutions implementing Paramedical courses.

M.B.B.S. Degree holders physician who has experience of 6 years will be eligible for the post of Tutor.

Post Graduate in related subject who has 5 years of experience will be eligible for the post of "senior tutor in the

**institutions in planning Paramedical courses.**

**Bachelors Degree in related subject who has 10 years of experience, will be eligible for the post of Lecturer for the institutions implementing Paramedical courses.**

**04- Library**

**Size of the library has been decided 800-1000 sq. ft. in which 50 students can be accommodated and necessary furniture should also be there.**

**05- Hospital**

- **For Degree/Diploma courses 100 bedded own hospital.**
- **For 3 Certificates 50 bedded own hospital is necessary.**
- **For Ayurvedic, Homoeopathy and Unani Syllabuses 30 bedded own hospital is necessary.**

**Willing institutions in Tribal and back ward area for affiliation to District Hospital on the basis of, " No Objection certificate issued by public Health and family welfare Department and Chief Medical and Health officer/ civil surgeon, excepting Degree matter can be considered for assent for Diploma and certificate Syllabuses only.**

**Leaving aside Divisional level, at the District level, on the basis of affiliation to District hospital maximum for two institutions, excepting Degree syllabus, for diploma and certificate maximum four,**

**The Distance from community health Centre/ hospital run by institution and affiliated to District hospital to the paramedical council should not be more than 10 KMS.**

**Like this at the Tahsil level and Block level institution working, on the basis of affiliation to the community health centre only two certificates by syllabuses (Maximum Two) will be considered for assent.**

**Simultaneously for admission to Ayurvedic, Homoeopathy (one year) Syllabus, minimum qualification will remain the same 10+2 (Higher Secondary) Besides this all the rules regarding standards with regard to paramedical courses will remain as they were in force in accordance with the rules of the council.**

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

**ORDINANCE No. 20**

**M.P.T. (Master of Physiotherapy)**

**Sport/ Orthopedics/ Neurology/ Cardiothoracic/ Obstetrics &  
Gynecology Branches)**

**1.0 AIMS AND OBJECTIVES**

**a) AIMS :**

Acquisition of adequate theoretical and the practical knowledge and foundation in the basic Pre-clinical, Para-clinical and clinical medical subjects. Proficiency in the diagnosis and skills of basic physiotherapy procedures and the techniques with adequate theoretical basis and rationale of allied sciences. To detect and evaluate the anatomical, patho-physiological impairments, resulting in disfunction of various age groups & occupation; as well as epidemiological features in the population & arrive at approach to the medical system and surgical intervention regimens & accordingly plan & implement specific Physiotherapeutic measures effectively. To practice Professional Autonomy & Ethical principles with referral as well as first contact clients in conformity with ethical code for Physiotherapists. To practice Moral and Ethical values and Evidence Based Practices with regard to Physiotherapy.

**b) OBJECTIVES**

The Objective of the course which is complementary to medicine shall be to allow the students.

- a) To acquire adequate theoretical & practical knowledge in the basic medical subjects.
- b) To impart Electrotherapy & Therapeutic Exercise procedures with adequate theoretical & practical base.
- c) To enable the student to acquire skills in the evaluation & diagnosis of the physical problems presented by the patients.
- d) To build up a learning process that shall include living experience, problem oriented approach, case studies & community health care activities.
- e) To impart competency in Physiotherapeutic measure of specific choice towards Preventive, Curative, Symptomatic & Restorative or Rehabilitative goals in a variety of health care setting.
- f) To develop professional autonomy through

independent physical diagnosis and prescription as a physiotherapist for all physiotherapy related referrals and / or primary clients.

- g) To endorse physiotherapeutic moral and ethical codes as per international standards and to emphasis on the conduct of professional practice for patient's welfare as the primary responsibility.
- h) To develop confidence in clinical, teaching and administrative assignments and continue to seek further knowledge in the fields of physiotherapy.
- i) To introduce the students to the fundamentals of Biostatistics & Physiotherapy Research activities.
- j) To teach every aspect of National policies on health and devote himself / herself to its practical implementation.

## 2. DURATION OF THE COURSES: (2 Year P.G. Degree)

The duration of master of physiotherapy course shall be extended over a period of two continuous years on a full time basis. Any break in the career, power of extension of the course and the fixation of the term shall be vested with the University.

I year :	MPT Part-II	0-12 months
II year:	MPT Part-II	13-24 months

## 3. ELIGIBILITY FOR ADMISSION

Candidates who have passed B.Sc. (PT) or BPT degree from institutions where the mode of study is a full time program, with minimum 3½ years / 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 Colleges . Candidates who have passed BPT through correspondence or Distance Education program are not eligible.

OR

Candidates who have passed BPT through Bridge Course or through Lateral Entry after completing their Diploma in Physiotherapy from institutions where the mode of study is a full time program 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 Colleges recognized by University are eligible. Candidates who have passed BPT through correspondence or Distance Education program are not eligible.

### 3.1 OBTAINING ELIGIBILITY CERTIFICATE

No candidate shall be admitted for the postgraduate degree course unless the candidate has obtained and produced the eligibility certificate issued by Rajiv Gandhi University of Health Sciences Karnataka. The candidate has to make the application to the university with the following documents along with the prescribed fee.

1. B.P.T. or B.Sc. (PT) provisional / degree certificate issued by the respective university.
2. Marks cards of all the university examinations passed
3. Completion of internship certificate.
4. Proof of SC/ST or category-I as the case may be. Candidate should obtain the eligibility certificate before the last date for admission as notified by the university.

A candidate who has been admitted to postgraduate course should register his/her name in the university within a month of admission after paying the registration fee.

### 2.2 INTAKE OF STUDENTS

The intake of students to the course shall be in accordance with the ordinance in this behalf. The guide student ration should be 1:5

### 4. ADMISSION PROCESSES :-

Admissions are done at institutional level According to merit and the reservation rules are followed as per Norms of the Government

### 5. CANCELLATION OF ADMISSION :-

In case of Producing false documents and non payment of the fees, the admission will be cancelled .

### 6. FEE STRUCTURE

6.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority.

## 7. ATTENDANCE

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.

## 8. DIVISION :

The result will be decided & follow

1. Pass/Qualifying mark 50 %
2. IInd Division 50 %- 59 %
3. I st Division 60% -74 %
4. Distinction :75 % and above of grand total marks in first attempt

## 9. MODE OF EXAMINATION:-Yearly

## 10. COURSE CONTENT & STRUCTURE

The course subjects will be outlined under two major headings -Core Subjects or Subjects Mandatory for all students and Electives or Subjects of Specialty  
Subjects Teaching & Learning Methods Weekly Class hours Total Hours

### CORE SUBJECTS

1.	Principles of Physiotherapy Practice	Lectures 2
	180	
2.	Research Methodology and seminars2	180
	Biostatistics	
3.	Biomechanics	
4.	Exercise Physiology	
5.	Electrophysiology Practical's and Demonstrations4	360
6.	Physical and Functional Diagnosis	
7.	Physiotherapeutic Clinical Discussions2	180

**ELECTIVE**

a. Musculoskeletal Disorders and Sports Clinical Case presentations	
2	180
b. Neurological and Psychosomatic Disorders	
Journal Club 2	180
c. Cardio-Respiratory Disorders	
d. Community Rehabilitation	
e. Pediatrics Classroom Teaching 1	90
Library 3	270
Clinical Training 15	1350
Synopsis & Dissertation work3	270
Community Camps, Field Visits, Participation in Workshops & Conferences 60	
<b>TOTAL HOURS</b> 36	<b>3240</b>

**11. 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.

**12. 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.

Model checklist are given in the table 1 to 7 which may be copied and used.

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.

### **13. 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 preformed a synopsis containing particulars of proposed dissertation work within 6 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 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 value 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 university and one internal from other college of the

same university. Any one- Evaluator acceptance other than the guide will be considered as a precondition for eligibility to take up the examination.

### 13. 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.

### 14. 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 62 years.
3. The guide student ratio should be 1:5
4. Relaxation for the criteria one and two notwithstanding above in view of acute shortage of teachers, the person having three years post MPT teaching experience working on a full time basis may be considered as P.G teachers. Similarly persons with maximum age of 63 years may be considered for being guide and examiner in cases of acute shortage of examiners until further amendments by the university in this regard.

#### 14.1 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 university.

## 15. SCHEDULE OF EXAMINATION

The University shall conduct examination for MPT course at the end of each year. The examinations shall be known as MPT Part-I Examination and MPT Part-II Examination. A student shall register for all the papers of a year when he/she appears for the first time. If a student fails in the first attempt of MPT Part-I Examination, the student may reappear for the supplementary examination which will be conducted within 4-6 months of declaration of results. If a student fails in the first attempt of MPT Part-I Examination, or the supplementary examination for MPT Part-I thereof, he/she will continue the course with his/her batch. However he/she can register and appear for MPT Part-II Examination only after clearing the MPT Part-I Examination. If a student fails in the first attempt of MPT Part-II Examination, the student may reappear for the supplementary examination which will be conducted within 4-6 months of declaration of results. If a student fails in theory and/or practical of MPT Part-I or MPT Part-II Examination, he/she has to appear for all the papers of each examination in both theory and practical respectively.

### SCHEME OF EXAMINATION

#### MPT Part-I

Component	Subject	Written	Practical	Viva	Total
Paper-I	100	-	-		Theory
Paper-II	100	-	-		300
Paper-III	100	-	-		
Practical	Practical-I	-	30		
Practical-II	-		30	40	100
TOTAL	300		60	40	400

#### MPT Part-II

Component	Subject	Written	Practical	Viva	Total
Paper-IV	100	-	-		
Theory					
Paper-V	100	-	-		200
Practical & Practical-IV	Practical-III	-	100		
Viva-voce	50		50		
TOTAL	200	150	50		400

### PARTICULARS OF THEORY QUESTION PAPERS AND DISTRIBUTION OF MARKS

A written examination consisting of 5 question papers each of three hours duration & each paper carrying 100 marks. The Paper-V will be Elective subject & a separate paper for each elective subject chosen by the candidate will be given. Particulars of Theory question paper & distribution of marks are shown below.

PAPER	MARKS	SUBJECT
Paper I	100	1. Principles of Physiotherapy Practice
		2. Research Methodology and Biostatistics
		3. Biomechanics
Paper-II	100	4. Exercise Physiology
		5. Electrophysiology
Paper-III	100	6. Physical and Functional Diagnosis
	100	Paper-IV
		7. Physiotherapeutic
Paper-V	100	8. Elective
		a. Musculoskeletal Disorders and Sports
		b. Neurological and Psychosomatic Disorders
		c. Cardio-Respiratory Disorders
		d. Community Rehabilitation
		e. Pediatrics

**PARTICULARS OF CLINICAL / PRACTICAL EXAMINATION AND DISTRIBUTION OF MARKS** Clinical Examination will be aimed at examination of clinical skills and competence of the candidates for undertaking independent work as a specialist.

PRACTICAL MARKS	SUBJECT
Practical-I	30
	Short case from area other than Elective to Assess investigative and diagnostic skills
Practical –II	30
	Short case from area other than Elective to assess patient management skills
Practical-III	100
	Major Elective long case aimed at examining Clinical skills and competency of the candidate
Practical-IV	50
	for undertaking independent work as specialist Short case from area of Elective to assess Patient management skills.

#### **PARTICULARS OF VIVA-VOCE & DISSERTATION**

Viva- Voce examination shall aim at assessing depth of knowledge, logical reasoning, confidence & oral communication skills. Special emphasis shall be given to dissertation work during the MPT Part II

examination. The marks of Viva-Voce examination shall be included in the clinical examination to calculate the percentage and declaration of results.

## **PATTERN OF MODEL QUESTION PAPER FOR MPT PART-I AND MPT PART-II**

**MPT Part - I Theory: Maximum Marks: 100 (No choice)**  
**Duration: 3 Hours**

1. Long Essay (2 Questions) -  $2 \times 20 = 40$  Marks
2. Short Essay (6 Questions) -  $6 \times 10 = 60$  Marks

**MPT Part-I Practical / Clinical - 100 Marks**

**Note: All cases for clinical examination should be on patients & not on model.**

**Day- 1:**

Practical-I + Practical-II + Viva-voce = 100 Marks  
 Short case (1) -  $1 \times 30 = 30$  Marks  
 Short case (2) -  $1 \times 30 = 30$  Marks  
 Viva-voce = 40 Marks  
 [Marks Entry: Practical/Clinical = 60 Marks  
 Viva-voce = 40 Marks]

**MPT Part - II Theory: Maximum Marks: 100 (No choice)**  
**Duration: 3 Hours**

1. Long Essay (2 Questions) -  $2 \times 20 = 40$  Marks
2. Short Essay (6 Questions) -  $6 \times 10 = 60$  Marks

**Note: In Paper V (Elective) out of the two questions to be attempted in Long Essay, one question must be from Recent Advances-The question will be chosen from Reference Journals as of the elective in the recent five years.**

**MPT Part-II Practical / Clinical - 200 Marks**

**Note: All cases for clinical examination should be on patients & not on model.**

**Day- 1:**

Practical III = 100 Marks  
 Elective Long case (1) -  $1 \times 100 = 100$  Marks  
 Day- 2: Practical IV + Viva-voce = 100 Marks  
 Short case (1) -  $1 \times 50 = 50$  Marks  
 Viva-voce = 50 Marks

**[Marks Entry: Practical/Clinical = 150 Marks Viva-voce = 50 Marks]**

**EXAMINERS**

There shall be 2 examiners. One of them shall be external outside the university and the other shall be internal preferable from the same college or as decided by the university.

## **DESCRIPTIVE COURSE CONTENT**

### **PRINCIPLES OF PHYSIOTHERAPY PRACTICE**

1. Development of Physiotherapy Profession
2. Ethical issues in practice of physiotherapy-Clinical, Research and Academics. Administration, legislation, rules and regulations governing physiotherapy practice- National & International (WCPT and IAP). Scope of Physiotherapy in Hospital, Community & Industry.
3. History taking, assessment, tests, Patient communication, documentation of findings, treatment organization and planning/execution for intervention.
4. Documentation of rehabilitation assessment and management using International Classification of Functioning Disability and Health (ICF)
5. Standardized tests and scales used in various types of cases for assessment and interpretation in Physiotherapy practice.

### **RESEARCH METHODOLOGY AND BIOSTATISTICS**

1. Introduction to biostatistics and research methodology.
2. Basic probability and sampling distributions.
3. Processing and analysis of data.
4. Tests of Analysis of variance & co-variance.
5. Significance based on parametric and non-parametric tests
6. Research process and criteria of good research
7. Sampling and Sample size determination.
8. Various epidemiological study designs.
9. Validity and reliability evaluation.
10. Format of scientific documents. (Structure of protocols, formats reporting in scientific journals, systematic reviews and meta-analysis)

### **BIOMECHANICS**

1. Biomechanics of Tissues and structures of the musculoskeletal system.

2. Normal and applied Biomechanics of Spine, Upper extremity and Lower extremity.
3. Biomechanics of posture.
4. Biomechanics of respiration, circulation, hand function and gait.
5. Methods of kinetics and kinematics investigation
6. Patient Positioning, Body Mechanics and Transfer Techniques
7. Ergonomic Approach to lifting and handling, workspace and Environment

### **EXERCISE PHYSIOLOGY**

1. Sources of Energy, Energy Transfer and Energy Expenditure at rest and various physical activities.
2. Physiology of Movement
3. Responses and Adaptations of various systems to Exercise and training.
4. Environmental influence on Performance.
5. Special aids to performance and conditioning.
6. Body consumption, nutrition and caloric balance.
7. Considerations of age and sex in exercise and training.
8. Exercise prescription for health and fitness with special emphasis to cardiovascular disease, Obesity and Diabetes.
9. Fatigue assessment and scientific organization of work-rest regimes to control fatigue.

### **ELECTROPHYSIOLOGY**

1. Characteristics and components of Electro therapeutic stimulation systems and Electro physiological assessment devices.
2. Instrumentation for neuromuscular electrical stimulation.
3. Anatomy and physiology of peripheral nerve, muscle and neuromuscular junction.
4. Electrical properties of muscle and nerve.
5. Muscles plasticity in response to electrical stimulation.
6. Electrical stimulation and its effects on various systems.
7. Clinical Electro physiological testing.

## **PHYSICAL & FUNCTIONAL DIAGNOSIS**

1. Clinical examination in general and detection of movement dysfunction.
2. Principles of pathological investigations and imaging techniques related to neuromuscular, skeletal and cardiopulmonary disorders with interpretation.
3. Developmental screening, motor learning -motor control assessment.
4. Anthropometric measurements.
5. Physical fitness assessment by Range of motion, Muscle strength, endurance and skills, Body consumption, Fitness test for sports.
6. Evaluation Methods, Special tests and Scales used in Musculoskeletal, Neurological and Cardiopulmonary disorders.
7. EMG and Biofeedback.
8. Biophysical measurements, physiotherapy modalities, techniques and approaches.
9. Evaluation of aging.
10. Aids and appliances, adaptive functional devices to improve movement dysfunction.
11. Exercise ECG testing and monitoring.
12. Pulmonary function tests and Spirometer.
13. Physical disability evaluation and disability diagnosis.
14. Gait analysis and diagnosis.

## **PHYSIOTHERAPEUTICS**

1. Pain (neurobiology, various theories, modulation and management of pain)
2. Maternal and child care in general physiotherapy.
3. Theories of motor control and motor learning.
4. Theories of aging.
5. Cardiopulmonary medications and their effect on activity performance.
6. Exercise planning and prescription.
7. Use of Exercise therapy techniques and application on various types of cases.
8. Application of electrotherapy techniques on patients, monitoring of dosages and winding up procedure.
9. Ergonomic aspects of exercise on oxygen, energy consumption XMET value of various exercises and activity.

10. Effect of aerobic, anaerobic as well as Isometric and Is kinetic exercises on cardiac function.
11. Physiotherapy in psychiatric conditions.
12. Massage, Mobilization and Manipulation
13. Manual therapy - different schools of thought
14. Principles of Neurological approaches.
15. Facilitation and inhibition techniques.
16. General Guidelines to be followed in Cardiac Rehabilitation, Pulmonary Rehabilitation, Burns Rehabilitation and Cancer Rehabilitation Protocol.
17. CPR, monitoring systems and defibrillators and artificial respirators.
18. Physiotherapy in common conditions of skin.

#### GUIDE LINE

With regard to the reforms in Paramedical standards and their implementation, the council proposed and the committee formed by Government recommended and in view of the recommendations, the following revised standards are refixed.

##### 01- Lecturer room

- (a) For Degree syllabus minimum 700-800 sq. ft. four halls Per subject.
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With regard to Paramedical Degree syllabus standards already fixed by the council have been sustained the academic staff, ability and for Paramedical Diploma and Certificate, academic staff and their eligibility have been revised as follows.

1. LAB Technician for 10 years qualified Degree or diploma holder will be considered for the post of "Demonstrator, in the institutions implementing Paramedical courses.



2. **M.B.B.S. Degree holders physician who has experience of 6 years will be eligible for the post of Tutor.**
3. **Post Graduate in related subject who has 5 years of experience will be eligible for the post of "senior tutor in the institutions in planning Paramedical courses.**
4. **Bachelors Degree in related subject who has 10 years of experience, will be eligible for the post of Lecturer for the institutions implementing Paramedical courses.**

#### **04- Library**

**Size of the library has been decided 800-1000 sq. ft. in which 50 students can be accommodated and necessary furniture should also be there.**

#### **05- Hospital**

1. **For Degree/Diploma courses 100 beded own hospital.**
2. **For 3 Certificates 50 bedded own hospital is necessary.**
3. **For Ayurvedic, Homoeopathy and Unani Syllabuses 30 beded own hospital is necessary.**
4. **Willing institutions in Tribal and back ward area for affiliation to District Hospital on the basis of, " No Objection certificate issued by public Health and family welfare Department and Chief Medical and Health officer/ civil surgeon, excepting Degree matter can be considered for assent for Diploma and certificate Syllabuses only.**
5. **Leaving aside Divisional level, at the District level, on the basis of affiliation to District hospital maximum for two institutions, excepting Degree syllabus, for diploma and certificate maximum four,**
6. **The Distance from community health Centre/ hospital run by institution and affiliated to District hospital to the paramedical council should not be more than 10 KMS.**
7. **Like this at the Tahsil level and Block level institution working, on the basis of affiliation to the community health centre only two certificates by syllabuses (Maximum Two) will be considered for assent.**

**Simultaneously for admission to Ayurvedic, Homoeopathy (one year) Syllabus, minimum qualification will remain the same 10+2 (Higher Secondary) Besides this all the rules regarding standards with regard to paramedical courses will remain as they were in force in accordance with the rules of the council.**

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

## ORDINANCE No. 21

### BACHELOR OF SCIENCE IN MEDICAL LABORATORY TECHNOLOGY (BMLT)

#### 1.0 AIMS AND OBJECTIVES

##### 1.1 AIMS

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

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

##### 1.2 OBJECTIVES

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

1.2.2 To perform routine and special laboratory investigations.

1.2.3 To introduce quality control system in laboratory.

#### 2.0 COURSE STRUCTURE

2.1 The Degree in Medical Laboratory Technology of 3 years (Three academic years) course here in after called 3 year degree course shall be designated as Bachelor of Medical Laboratory Technology, in short BMLT.

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

a.) B.Sc. MLT- I year

b.) B.Sc. MLT- II year

c.) B.Sc. MLT-III year

2.3 Each academic year shall consist of 240 teaching days.

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

#### 3.0 DURATION:- 3 YEAR

#### 4.0. ACADEMIC QUALIFICATION: & SELECTION CRITERIA FOR ADMISSION

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

- 4.2. Vocational Subjects like Bio-technology, MLT, Fisheries, Dietetics, Live Stock and Poultry in Substitution for Biology shall be also considered for eligibility.
- 4.3. The candidate should have completed minimum of 17 years of age on/before 31<sup>st</sup> December of the; academic session concerned.
- 4.4. Selection Criteria: The admission in B.Sc. MLT- First Year shall be based on the merit of the qualifying examination.

Or

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

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

## 5. ADMISSION PROCESSES :-

Admissions are done at institutional level According to merit and the reservation rules are followed as per Norms of the Government

## 6.0 CANCELLATION OF ADMISSION

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

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

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

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

## 7. FEE STRUCTURE

- 7.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority

## 8. DIVISION : The result will be decided & follow

1. Pass/Qualifying mark 50 %
2. IIndDivision 50 %- 59 %

3. 1st Division 60% -74 %
4. Distinction :75 % and above of grand total marks in first attempt

**9. MODE OF EXAMINATION:-Yearly**

**10 COMMENCEMENT OF COURSE**

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

**11.REGULATIONS RELATING TO THE ASSESSMENT OF ACADEMIC GROWTH OF THE STUDENT**

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

The medium of Instruction and Examination shall be English throughout the course of the study.

**11.0 Attendance**

11.1.1 Candidates appearing as regular students for any annual examination are required to attend 75% of the total lectures delivered and of the practical classes held separately in each subject of the course of the study.

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

**11.1 Sessional Examinations**

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

**11.2. Internal Assessment**

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

**11.3 University Examination; Theory & Practical**

**11.3.1 Written Examination**

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

**11.4 Appointment of the Examiners/ Question Paper Setters**

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

- 11.4.1** For Theory paper setting one examiner will be an external, minimum an Assistant Professor with 3 years teaching experience in the subject concerned.
- 11.4.2** For the Practical examinations there shall be two examiners for each subject, one External Examiner and one Internal Examiner, with minimum qualification and experience of an Assistant Professor with 3 years teaching experience in the subject concerned.
- 11.4.3** The External Examiner shall be the subject expert from outside the University having Master's/ Post Graduate qualification in the subject concerned With minimum 3 years teaching experience.
- 11.4.4** The Faculty of the Subject/ Head of the Department with minimum 3 years of teaching experience shall be the Internal-Cum-Convener examiner for the examinations.
- 11.5** **Criteria for Passing**  
In each subject/head (theory and practical);
- 11.5.1** In all the University examinations, the candidates shall have to obtain 50% of marks separately in theory plus internal assessment and practical plus viva voce examination.
- 11.5.2** Each theory paper and practical will be treated as separate subject/ head for the passing.
- 11.5.3** The student shall carry over two subjects from one year to the following year and must pass in the failed subject before appearing in the next year examination. The Student shall carry two subjects from first year to second year as well as second year to third year and must pass in the failed subjects before appearing in the next year examination.
- 11.6. Division and Merit List**
- 11.6.2** The Division shall be awarded after Annual University Examination in each academic year and shall be based on the aggregated marks obtained by the candidate at his/ her successful attempt in annual University examination.  
There shall be Divisions as follows:  
Distinction: 75% and above of grand total marks in First attempt. First Division: >60% and <75% of grand total marks in First attempt. Second Division: >50% and <60% of grand total of marks in First attempt.

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

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

## **11.7 REVALUATION / RE-TOTALING**

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

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

## **GUIDE LINE**

**With regard to the reforms in Paramedical standards and their implementation, the council proposed and the committee formed by Government recommended and in view of the recommendations, the following revised standards are refixed.**

### **01- Lecturer room**

- (a) For Degree syllabus minimum 700-800 sq. ft. four halls Per subject.
- (b) For Diploma syllabus minimum 700-800 sq. ft. 2 halls (two halls) per subject.
- (C) For Certificate syllabus minimum 700-800 sq. ft. one hall per subject.

### **02- Dem0nstration room**

- (a) For Degree syllabus minimum 700-800 sq. ft. four halls per subject.
- (b) For Diploma syllabus minimum 700-800 sq. ft. 2 halls per subject.
- ( c) For Certificate syllabus minimum 700-800 sq. ft. one hall per subject.

### **03- Academic Staff**

**With regard to Paramedical Degree syllabus standards already fixed by the council have been sustained the**

academic staff, ability and for Paramedical Diploma and Certificate, academic staff and their eligibility have been revised as follows.

1. LAB Technician for 10 years qualified Degree or diploma holder will be considered for the post of "Demonstrator, in the institutions implementing Paramedical courses.
2. M.B.B.S. Degree holders physician who has experience of 6 years will be eligible for the post of Tutor.
3. Post Graduate in related subject who has 5 years of experience will be eligible for the post of "senior tutor in the institutions in planning Paramedical courses.
4. Bachelors Degree in related subject who has 10 years of experience, will be eligible for the post of Lecturer for the institutions implementing Paramedical courses.

#### 04- Library

Size of the library has been decided 800-1000 sq. ft. in which 50 students can be accommodated and necessary furniture should also be there.

#### 5- Hospital

1. For Degree/Diploma courses 100 bedded own hospital.
2. For 3 Certificates 50 bedded own hospital is necessary.
3. For Ayurvedic, Homoeopathy and Unani Syllabuses 30 bedded own hospital is necessary.
4. Willing institutions in Tribal and back ward area for affiliation to District Hospital on the basis of, " No Objection certificate issued by public Health and family welfare Department and Chief Medical and Health officer/ civil surgeon, excepting Degree matter can be considered for assent for Diploma and certificate Syllabuses only.
5. Leaving aside Divisional level, at the District level, on the basis of affiliation to District hospital maximum for two institutions, excepting Degree syllabus, for diploma and certificate maximum four,
6. The Distance from community health Centre/ hospital run by institution and affiliated to District hospital to the paramedical council should not be more than 10 KMS.
7. Like this at the Tahsil level and Block level institution working, on the basis of affiliation to the community health centre only two certificates by syllabuses (Maximum Two) will be considered for assent. Simultaneously for admission to Ayurvedic, Homoeopathy (one year) Syllabus, minimum qualification will remain the same 10+2 (Higher Secondary) Besides this all the rules regarding standards with regard to paramedical courses will remain as they were in force in accordance with the rules of the council.

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

**ORDINANCE No.22**

**MASTER OF MEDICAL LABORATORY TECHNOLOGY MMLT  
REGULATIONS GOVERNING M.Sc. MLT COURSE**

**1. AIMS**

Paramedical Courses are those courses after qualifying them the candidate is able to perform as a paramedical Technician like medical courses, paramedical courses are also having the importance, because these technicians also have to help working in case of on Medical diagnose & treatment types of diseases.

This course is the back bone of complete hospital function

**2. DURATION :- (2 Year P.G. Degree)**

**3. ELIGIBILITY CRITERIA:-**

- a. The students who have passed B.Sc. MLT Course from Institutions affiliated to RGUHS are eligible for this course.
- b. Students who have passed B.Sc. MLT course from other Universities considered equivalent by Paramedical council of India are eligible for this course.
- c. Candidates passing B.Sc. MLT through Correspondence course shall not be eligible

**Eligibility certificate:** No candidate shall be admitted for the postgraduate degree course unless the candidate has obtained and produced the eligibility certificate issued by the university. The candidate has to make the application to the university with the following documents along with the prescribed fee.

- Pass / degree certificate issued by the university.
- Marks cards of all the university examinations passed.
- Migration certificate.
- Certificate of conduct.
- Proof of SC/ST or category I as the case may be

Candidates should obtain the eligibility certificate before the last date for admission as notified by the university.

A candidate who has been admitted to post-graduate course should register his/her name in the university within a month of admission after paying the registration fee.



**4. ADMISSION PROCESSES :-**

Admissions are done at institutional level According to merit and the reservation rules are followed as per Norms of the Government .

**5. CANCELLATION OF ADMISSION :-**

In case of Producing false documents and non payment of the fees, the admission will be cancelled .

**6.0 FEE STRUCTURE**

6.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority.

**7.0 ATTENDANCE**

Every candidate should have attended at least 80% of the total number of classes conducted in an academic year from the date of commencement of the term to the last working day as notified by university in each of the subjects prescribed for that year separately in theory and practical .Only such candidates are eligible to appear for the university examinations in their first attempt. Special classes conducted for any purpose shall not be considered for the calculation of percentage of attendance for eligibility.

A candidate lacking in prescribed percentage of attendance in any one or more subjects either in Theory or Practical in the first appearance will not be eligible to appear for the University Examination either in one or more subjects.

**8.0 DIVISION = The result will be decided & follow**

1. Pass/Qualifying mark 50 %
2. IIndDivision 50 %- 59 %
3. I st Division 60% -74 %
4. Distinction :75 % and above of grand total marks in first attempt

**9.0 MODE OF EXAMINATION:-Yearly****10.0 Medium of instruction**

English is the medium of instruction for the subjects of study as well as for the examination.

**11.0 CURRICULUM AND SYLLABUS**

11.1 The curriculum and syllabus will be framed by Board of Management of University as approved by Academic council accordance with the guidelines issued by concerning.

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

**ORDINANCE No.23**  
**Bachelor in Audiology and Speech Language**  
**Pathology.**

**1. AIMS :-**

Paramedical Courses are those courses after qualifying them the candidate is able to perform as a paramedical Technician like medical courses ,paramedical courses are also having the importance ,because these technicians also have to help working in case of on Medical diagnose & treatment types of diseases .

This course is the back bone of complete hospital function.

**2. DURATION :- 4 academic years including one-year internship**

**3. ELIGIBILITY CRITERIA:-**

Candidates who have university (in India) or equivalent of 10+2 education in India or abroad.

The subjects at the PCB or equivalent level, In combination with physics and math's or physics and biology with any subject given below: Mathematics (M) Biology (B) Chemistry (C) Computer science (CS)

**3.1 Age:** Must be between 17-25 years on the last day set for receiving applications. The upper age limit is relaxed able by two years in case of SC/ST.

**3.2. Medium of Instruction:** English

**3.3. Course work:** Each student will pursue the course as in the enclosed course of study.

**3.4. Award of Degree:** The respective universities on successful completion of the requirement Including internship will award the degree.

**3.4. Criteria for passing:** Minimum marks for pass in each paper and practicum will be 40 % Aggregate will be 50%

**3.5 Carryover System:** Each paper must be successfully completed in 3 successive attempts including the first one. Internship will start only after the candidate has successfully completed all the papers including clinical practicum

**4. ADMISSION PROCESSES :-**

Admissions are done at institutional level. According to merit and the reservation rules are followed as per Norms of the Government .

**5.0 CANCELLATION OF ADMISSION :-**

In case of Producing false documents and non payment of the fees, the admission will be cancelled .

**6.0 FEE STRUCTURE**

7.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority..

**7.0 ATTENDANCE**

Attendance: Each Candidate must have minimum 80% in theory classes and 90% in clinical practicum. Failure to meet the criteria will disqualify the student from attending the university examination of the respective years. The candidate will have to repeat the year, i.e. both theory and clinical practicum will have to be repeated into.

**8.0. DIVISION = The result will be decided & follow**

1. Pass/Qualifying mark 50 %
2. IIndDivision 50 %- 59 %
3. I st Division 60% -74 %
4. Distinction :75 % and above of grand total marks in first attempt

**9.0 MODE OF EXAMINATION:-Yearly****10.0 MEDIUM OF INSTRUCTION**

English is the medium of instruction for the subjects of study as well as for the examination.

**11.0 CURRICULUM AND SYLLABUS**

11.1 The curriculum and syllabus will be framed by Board of Management of University as approved by Academic council accordance with the guidelines issued by concerning.

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

**ORDINANCE No.24**  
**Master in Audiology and Speech Language Pathology.**

**1. AIMS :-**

Paramedical Courses are those courses after qualifying them the candidate is able to perform as a paramedical Technician like medical courses ,paramedical courses are also having the importance ,because these technicians also have to help working in case of on Medical diagnose & treatment types of diseases .  
This course is the back bone of complete hospital function.

**OBJECTIVES:**

**Speech-Language Pathology**

- 1) To acquire comprehensive theoretical concepts for independent practical application with respect to diagnosis and intervention of various communication disorders
- 2) To develop the skills to plan a project for scientific study.
- 3) To develop skills to make detailed documentation of clinical and theoretical information.

**Audiology:** The students will be aware of:

- 1) The psychophysical methods of hearing assessment;
- 2) The applications of loudness scaling in Clinical Audiology;
- 3) Methods of measuring differential sensitivity and their clinical applications;
- 4) Pitch, quality/timbre measurements;
- 5) Use involved in masking and its application;
- 6) Relevance of adaptation, fatigue, temporal perception and binaural hearing in audio logical evaluation and management;.
- 7) The role of different parts of the auditory system in the perception of the different parameters of sound;
- 8) The anatomy and physiology of the vestibular system;

**2. DURATION :-2 Year**

**3. ELIGIBILITY CRITERIA:-**

Bachelor's in Audiology and speech – language pathology from any recognized university with minimum pass percentage required as per university norms.

**4. ADMISSION PROCESSES :-**

Admissions are done at institutional level According to merit and the reservation rules are followed as per Norms of the Government .

**5. CANCELLATION OF ADMISSION :-**

In case of Producing false documents and non payment of the fees, the admission will be cancelled .

**6. FEE STRUCTURE**

7.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority..

**7. ATTENDANCE**

Attendance: Each Candidate must have minimum 80% in theory classes and 90% in clinical practicum. Failure to meet the criteria will disqualify the student from attending the university examination of the respective years. The candidate will have to repeat the year, i.e. both theory and clinical practicum will have to be repeated into.

**8. DIVISION = The result will be decided & follow**

1. Pass/Qualifying mark 50 %
2. IIndDivision 50 %- 59 %
3. I st Division 60% -74 %
4. Distinction :75 % and above of grand total marks in first attempt

**9. MODE OF EXAMINATION:-Yearly****10. MEDIUM OF INSTRUCTION**

English is the medium of instruction for the subjects of study as well as for the examination.

**11. CURRICULUM AND SYLLABUS**

11.1 The curriculum and syllabus will be framed by Board of Management of University as approved by Academic council accordance with the guidelines issued by concerning.

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

**ORDINANCE No.25**

**X-RAY RADIOGRAPHER TECHNICIAN**

**1. AIMS :-**

Paramedical Courses are those courses after qualifying them the candidate is able to perform as a paramedical Technician like medical courses ,paramedical courses are also having the importance ,because these technicians also have to help working in case of on Medical diagnose & treatment types of diseases .  
This course is the back bone of complete hospital function.

**2. DURATION :- 3 Year**

**3. ELIGIBILITY CRITERIA:-10 + 2 (Biology) Percentage :-**

The candidate must have obtained 40 % / Gen category , 33 % Reservation category.

**4. ADMISSION PROCESSES :-**

Admissions are done at institutional level According to merit and the reservation rules are followed as per Norms of the Government .

**5. CANCELLATION OF ADMISSION :-**

In case of Producing false documents and non payment of the fees, the admission will be cancelled .

**6. FEE STRUCTURE**

6.1 The Fees for each courses shall be decided by Board of Management of University as approved by regulatory commission / competent authority..

**7. ATTENDANCE**

Each Candidate must have minimum 80% in theory classes and 90% in clinical practicum. Failure to meet the criteria will disqualify the student from attending the university examination of the respective years. The candidate will have to repeat the year, i.e. both theory and clinical practicum will have to be repeated into.

**8. DIVISION = The result will be decided & follow**

1. Pass/Qualifying mark 50 %
2. IIndDivision 50 %- 59 %
3. I st Division 60% -74 %
4. Distinction :75 % and above of grand total marks in first attempt

**10.0 MEDIUM OF INSTRUCTION**

English is the medium of instruction for the subjects of study as well as for the examination.

**11.0 CURRICULUM AND SYLLABUS**

11.1 The curriculum and syllabus will be framed by Board of Management of University as approved by Academic council accordance with the guidelines issued by concerning.

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

**Ordinance No. 26**

**Post Basic Diploma in Neonatal Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** This course develops and extends students' critical thinking, knowledge of neonatal nursing practice, management and accountability across a range of neonatal nursing. Furthermore, this course is also an effective means to achieve the professional attributes of a neonatal nurse, maintain professional standards and engage in lifelong learning.

**1.2 OBJECTIVES :**

- 1.2.1** To provide quality care to neonates;
- 1.2.2** To manage and supervise care of neonates at all the three levels of care;
- 1.2.3** Teach nurses, allied health professionals, parents and communities in areas related to neonatal nursing;
- 1.2.4** Conduct research in areas of neonatal nursing.

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1** The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,
- 3.2** Possess a minimum of one year experience as a staff nurse.
- 3.3** Nurses from other countries must obtain an equivalent certificate from INC before admission.
- 3.4** Be Medically fit.

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall be based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in Neonatal Nursing is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

	Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>				
Paper-I Clinical Nursing – I	50	150	200	3
Paper-I Clinical Nursing – II	50	150	200	3
Paper – III Supervision of Management, Clinical Teaching, Elementary Research & Statistics	50	150	200	3
<b>B. Practical</b>				
Clinical Nursing (Teaching & supervision to be integrated)	100	100	200	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

**7.3 INTERNAL EXAMINATION:**

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

7.3.2 The internal assessment marks shall be on the basis of two term examination and one pre-university



examination, class tests, theory & practical assignments and clinical performance.

7.3.3 The assessment marks for theory shall be as per scheme of examination.

7.3.4 A candidate should obtain minimum 50% marks separately in internal assessment.

7.3.5 In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

#### 7.4 UNIVERSITY EXAMINATION :

7.4.1 The University shall conduct examination in the month of June/July.

7.4.2 The University shall conduct supplementary examination in the month of July/August.

7.4.3 The practical examination shall be held in respective clinical area.

7.4.4 A student shall be given maximum 3 opportunity for passing the exam.

7.4.5 A student who fails in supplementary exam will appear in main exam next year.

#### 8. CRITERIA FOR PASSING :

8.1 In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;

8.2 If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;

8.3 If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;

8.4 Grace marks : upto a maximum of 5 marks who have failed in two subjects not passes in all other subjects. However the total marks obtained should not be altered.

**9. DIVISION, MERIT & CERTIFICATION:**

The student shall declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

A. Title : Post Basic Diploma in NEONATAL NURSING

**10. ATTENDANCE :**

A Student must :

- 10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 10.2 Have not done less 75% of clinical practical hours.  
However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;
- 11.2 An examiner should be M.Sc (N) in concerned subject and haveminimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Neonatal Nursing with 2 years of working experience.
- 11.3 One internal and One external examiners (outside the University)should evaluate dissertation and jointly conduct viva-voce for eachstudent

**12. REVALUATION & RETOTALING :**

There shall be provision of Re-totaling / Revaluation of Theory papers only, as per the norms of the University.

**13. CANCELLATION OF ADMISSION :**

**13.1 The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-**

**Candidate not found qualified as per INC/State Government norms and guidelines**

**OR**

**Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4**

**OR**

**Candidate is found involved in serious breach of discipline in the Institution or University Campus.**

**13.2 Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.**

#### **14. SCHEME OF STUDIES :**

**The total hours duration for theory and practical is described as under :**

- **Hours distributed for Theory & Practice -**  
42 weeks x 40 hrs/week = 1680 hours
- **Block Classes -4 weeks x 40 hrs/week = 160 hours**
- **Integrated Theory & Clinical Practice -**  
38 weeks x 40 hrs/week = 1520 hours
- **(Theory 400 hrs) Theory 6 hrs/week**  
38 weeks x 6 hrs/week = 240 hours
- **Clinical Experience 24 hours/week**  
38 weeks x 34 hrs/week = 1280 hours
- **Internship 4 weeks x 40 hours = 160 hours**

#### **CLINICAL EXPERIENCE**

##### **Neonatal Services**

- Labour Room — 4 weeks
- Postnatal Ward — 4 weeks
- NICU — 24 weeks
- Pediatric Surgery NICU — 2 weeks
- Community / follow up services / clinics — 4 weeks  
(2 weeks evening & 2 weeks night shifts)

**15. RESERVATION OF SEATS :** The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

**Established under M.P. Act No. 17 of 2007**  
**Ordinance No. 27**  
**Post Basic Diploma in Neuro Science Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** This course aims to develop nurses knowledge and skills in the specialist field of neuroscience nursing. The theoretical and empirical knowledge that underpins the practice of neuroscience nursing will be explored and critical decision making skills in the planning and delivery of care will be promoted. The knowledge and skills learned on the module will enable you to provide evidence-based care to people with neurological conditions in a wide variety of settings including primary care, neurosurgery, neurology, critical care and rehabilitation.

**1.2 OBJECTIVES :**

- 1.2.1 To describe concepts and principles of neuroscience;**
- 1.2.2 Perform neurological assessments;**
- 1.2.3 Provide nursing care using nursing process approach;**
- 1.2.4 Demonstrate skills in performing various procedures;**
- 1.2.5 Participates in preventive, promotive & rehabilitative aspects of neuro patients;**
- 1.2.6 Organize and demonstrate skills in management of neuro services;**
- 1.2.7 Make a plan for organization of neuro intensive units;**
- 1.2.8 Conduct research in Neuroscience Nursing;**
- 1.2.9 Teach and supervise nurses and allied health workers.**

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,  
 3.2 Possess a minimum of one year experience as a staff nurse.  
 3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.  
 3.4 Be medically fit.

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in Neuro Science Nursing is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

- 7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

		Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>					
Paper-I	Clinical	50	150	200	3
Nursing – I					
Paper-I	Clinical	50	150	200	3
Nursing – II					
Paper – III	Supervision of	50	150	200	3

Management, Clinical Teaching, Elementary Research & Statistics				
<b>B. Practical</b>				
Clinical Nursing (Teaching & supervision to be integrated)	100	100	200	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

### 7.3 INTERNAL EXAMINATION:

- 7.3.1 The assessment of academic growth of the students shall be done continuously and on day to day basis.
- 7.3.2 The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.
- 7.3.3 The assessment marks for theory shall be as per scheme of examination.
- 7.3.4 A candidate should obtain minimum 50% marks separately in internal assessment.
- 7.3.5 In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

### 7.4 UNIVERSITY EXAMINATION :

- 7.4.1 The University shall conduct examination in the month of June/July.
- 7.4.2 The University shall conduct supplementary examination in the month of July/August.
- 7.4.3 The practical examination shall be held in respective clinical area.
- 7.4.4 A student shall be given maximum 3 opportunity for passing the exam.
- 7.4.5 A student who fails in supplementary exam will appear in main exam next year.

**8. CRITERIA FOR PASSING :**

- 8.1 In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;
- 8.2 If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;
- 8.3 If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;
- 8.4 Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects. However the total marks obtained should not be altered.

**9. DIVISION, MERIT & CERTIFICATION:**

The student shall declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

A. Title : Post Basic Diploma in NEURO SCIENCE NURSING

**10. ATTENDANCE :**

A Student must :

- 10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 10.2 Have not done less 75% of clinical practical hours.  
However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;

- 11.2** An examiner should be M.Sc (N) in concerned subject and have minimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Neuro Science Nursing with 2 years of working experience.
- 11.3** One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student

**12. REVALUATION & RETOTALING :**

There shall be provision of Re-totaling / Revaluation of Theory papers only, as per the norms of the University.

**13. CANCELLATION OF ADMISSION :**

- 13.1** The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-

Candidate not found qualified as per INC/State Government norms and guidelines

OR

Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4

OR

Candidate is found involved in serious breach of discipline in the Institution or University Campus.

- 13.2** Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.

**14. SCHEME OF STUDIES :**

The total hours duration for theory and practical is described as under :

- Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours



- Block Classes -4 weeks x 40 hrs/week = 160 hours
- Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours
- Theory 6 hrs/week  
38 weeks x 6 hrs/week = 240 hours
- Clinical Experience 24 hours/week  
38 weeks x 34 hrs/week = 1280 hours
- Internship 4 weeks x 40 hours = 160 hours

CLINICAL EXPERIENCE		38 weeks
Neuro Science Services	- OPD & Casualty	4 weeks
	- Neuro Medical Wards	6 weeks
	- Pediatric Neuro Ward	2 weeks
	- NeuroSurgical Wards	6 weeks
	- Recovery ward	4 weeks
	- Head Injury ward	4 weeks
	- I.C.U	4 weeks
	- Rehabilitation ward	4 weeks
	- Operation Theatre	4 weeks
TOTAL		38 weeks

15. RESERVATION OF SEATS : The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

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

**Ordinance No. 28**

**Post Basic Diploma in Psychiatric / Mental Health  
Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** This course aims to prepare nurses to assume responsibilities as professional, competent nurses in providing promotive, preventive, curative and rehabilitative services to the mentally ill patients.

**1.2 OBJECTIVES :**

- 1.2.1** To describe concepts and principles of psychiatric / mental health science;
- 1.2.2** Demonstrate therapeutic skills of Inter Personal Relationships Communication and counseling;
- 1.2.3** Demonstrate skill in providing psychiatric nursing care;
- 1.2.4** Provide emergency psychiatric nursing care and crisis intervention;
- 1.2.5** Apply nursing process in caring of psychiatric patients;
- 1.2.6** Participate effectively as a member of the health team;
- 1.2.7** Participate actively in preventive and promotive strategies of mental health care with special reference to at risk and vulnerable groups;
- 1.2.8** Conduct research in Psychiatric / Mental Health Nursing and make a plan for organization of psychiatric nursing units;
- 1.2.9** Organize and demonstrate skills in management of psychiatric nursing services including rehabilitation units;
- 1.2.10.** Teach and supervise nurses, allied health workers family and community.

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,
- 3.2 Possess a minimum of one year experience as a staff nurse.
- 3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.
- 3.4 Be medically fit.

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall be based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in Psychiatric / Mental Health Nursing is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from September every year.

**7. EXAMINATION:**

- 7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

	Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>				
Paper-I Clinical Nursing – I	50	150	200	3
Paper-I Clinical Nursing – II	50	150	200	3
Paper – III Supervision of Management, Clinical Teaching, Elementary Research	50	150	200	3

<b>&amp;Statistics</b>				
<b>B. Practical</b>				
<b>Clinical Nursing</b>	<b>100</b>	<b>100</b>	<b>200</b>	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

### 7.3 INTERNAL EXAMINATION:

- 7.3.1 The assessment of academic growth of the students shall be done continuously and on day to day basis.
- 7.3.2 The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.
- 7.3.3 The assessment marks for theory shall be as per scheme of examination.
- 7.3.4 A candidate should obtain minimum 50% marks separately in internal assessment.
- 7.3.5 In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

### 7.4 UNIVERSITY EXAMINATION :

- 7.4.1 The University shall conduct examination in the month of June/July.
- 7.4.2 The University shall conduct supplementary examination in the month of July/August.
- 7.4.3 The practical examination shall be held in respective clinical area.
- 7.4.4 A student shall be given maximum 3 opportunity for passing the exam.
- 7.4.5 A student who fails in supplementary exam will appear in main exam next year.

### 8. CRITERIA FOR PASSING :

- 8.1 In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;

- 8.2 If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;
- 8.3 If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;
- 8.4 Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects. However the total marks obtained should not be altered.

**9. DIVISION, MERIT & CERTIFICATION:**

The student shall declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

**A. Title : Post Basic Diploma in PSYCHIATRIC / MENTAL HEALTH NURSING**

**10. ATTENDANCE :**

A Student must :

- 10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 10.2 Have not done less 75% of clinical practical hours.  
However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;
- 11.2 An examiner should be M.Sc. (N) in concerned subject and haveminimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Psychiatric / Mental Health Nursing with 2 years of working experience.

- 11.3 One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student**

**12. REVALUATION & RETOTALING :**

There shall be provision of Re-totalling / Revaluation of Theory papers only, as per the norms of the University.

**13. CANCELLATION OF ADMISSION :**

- 13.1 The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-**

Candidate not found qualified as per INC/State Government norms and guidelines

OR

Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4

OR

Candidate is found involved in serious breach of discipline in the Institution or University Campus.

- 13.2 Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.**

**14. SCHEME OF STUDIES :**

The total hours duration for theory and practical is described as under :

- Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours
- Block Classes -4 weeks x 40 hrs/week = 160 hours
- Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours

- Theory 6 hrs/week  
38 weeks x 6 hrs/week = 240 hours
- Clinical Experience 24 hours/week  
38 weeks x 34 hrs/week = 1280 hours
- Internship 4 weeks x 40 hours = 160 hours

**CLINICAL EXPERIENCE****38 weeks**

The students will spend 5 hours per day on the following clinical areas.

Total 1280 hours will be distributed on the following clinical areas

- Acute Male Psychiatric Ward - 4 weeks
- Acute Female Psychiatric Ward - 4 weeks
- Chronic Male Psychiatric Ward - 4 weeks
- Chronic Female Psychiatric Ward - 4 weeks
- De-addiction Unit - 4 weeks
- Child Psychiatric Unit - 4 weeks
- Family Psychiatric Unit - 2 weeks
- Community Mental Health Unit - 4 weeks
- Rehabilitation / Occupational Therapy Unit - 4 weeks
- Psychiatric Emergency Unit & OPD - 4 weeks

**TOTAL****38 weeks**

15. **RESERVATION OF SEATS :** The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

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

**Ordinance No. 29**

**Post Basic Diploma Orthopaedic & Rehabilitation  
Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** This course aims to allow the student to critically examine the principles underlying Orthopaedic Nursing Care. It provides the student with a foundation for nursing the patient with specialist orthopaedic need.

**1.2 OBJECTIVES :**

- 1.2.1** To describe concepts and principles of orthopedic nursing;
- 1.2.2** Demonstrate skill in providing essential diagnostic orthopedic and rehabilitation procedures;
- 1.2.3** Demonstrate skill in in use of orthopaedic and rehabilitation appliances;
- 1.2.4** Apply nursing process in caring of patients with orthopedic disorders;
- 1.2.5** Participate in rehabilitation program;
- 1.2.6** Participate effectively as a member of health team;
- 1.2.7** Make a plan for organization of orthopaedic and rehabilitation units;
- 1.2.8** Conduct research in orthopedic and rehabilitation nursing;
- 1.2.9** Teach and supervise nurses, allied health workers;
- 1.2.10** Communicate effectively with patients, their families and community.

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.



**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,
- 3.2 Possess a minimum of one year experience as a staff nurse.
- 3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.
- 3.4 Be medically fit.

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall be based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in Orthopedic & Rehabilitation Nursing is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

- 7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

	Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>				
Paper-I Clinical Nursing – I	50	150	200	3
Paper-I Clinical Nursing – II	50	150	200	3
Paper – III Supervision of Management, Clinical Teaching, Elementary Research & Statistics	50	150	200	3
<b>B. Practical</b>				
Clinical Nursing	100	100	200	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

**7.3 INTERNAL EXAMINATION:**

- 7.3.1** The assessment of academic growth of the students shall be done continuously and on day to day basis.
- 7.3.2** The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.
- 7.3.3** The assessment marks for theory shall be as per scheme of examination.
- 7.3.4** A candidate should obtain minimum 50% marks separately in internal assessment.
- 7.3.5** In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

**7.4 UNIVERSITY EXAMINATION :**

- 7.4.1** The University shall conduct examination in the month of June/July.
- 7.4.2** The University shall conduct supplementary examination in the month of July/August.
- 7.4.3** The practical examination shall be held in respective clinical area.
- 7.4.4** A student shall be given maximum 3 opportunity for passing the exam.
- 7.4.5** A student who fails in supplementary exam will appear in main exam next year.

**8. CRITERIA FOR PASSING :**

- 8.1** In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;
- 8.2** If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;

8.3 If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;

8.4 Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects. However the total marks obtained should not be altered.

9. DIVISION, MERIT & CERTIFICATION:

The student shall declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

CERTIFICATION:

A. Title : Post Basic Diploma in ORTHOPAEDIC & REHABILITATION NURSING

10. ATTENDANCE :

A Student must :

10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;

10.1 Have not done less 75% of clinical practical hours.

However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

11. APPOINTMENT OF EXAMINERS:

11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;

11.2 An examiner should be M.Sc. (N) in concerned subject and have minimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Orthopedic and Rehabilitation Nursing with 2 years of working experience.

**11.3 One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student.**

**12. REVALUATION & RETOTALING :**

**There shall be provision of Re-totaling / Revaluation of Theory papers only, as per the norms of the University.**

**13. CANCELLATION OF ADMISSION :**

**13.1 The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-**

**Candidate not found qualified as per INC/State Government norms and guidelines**

**OR**

**Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4**

**OR**

**Candidate is found involved in serious breach of discipline in the Institution or University Campus.**

**13.2 Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.**

**14. SCHEME OF STUDIES :**

**The total hours duration for theory and practical is described as under :**

- **Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours**
- **Block Classes -4 weeks x 40 hrs/week = 160 hours**
- **Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours**
- **Theory 6 hrs/week**

- 38 weeks x 6 hrs/week = 240 hours
- Clinical Experience 24 hours/week  
38 weeks x 34 hrs/week = 1280 hours
  - Internship 4 weeks x 40 hours = 160 hours

**CLINICAL EXPERIENCE****38 weeks**

- Orthopedic Ward	-	12 weeks
- Neuro Surgical Ward	-	4 weeks
- OT	-	6 weeks
- Physiotherapy unit	-	4 weeks
- Rehabilitation unit	-	4 weeks
- Emergency and Trauma unit	-	4 weeks
- Ortho OPD's	-	2 weeks

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**TOTAL****38 weeks**

15. **RESERVATION OF SEATS** : The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

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

**Ordinance No. 30**

**Post Basic Diploma Oncology Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** Oncology nurses need the professional knowledge and competencies specific to cancer and its management, but they also require a range of sophisticated social skills such as the ability to share another's feelings, the ability to listen actively and, occasionally, the wisdom to remain silent. Appropriate post-basic training programmes are essential and can make a substantial contribution to improved patient outcomes

**1.2 OBJECTIVES :**

- 1.2.1** To describe concepts and principles standards of Oncology nursing Practice;
- 1.2.2** Asses the physiological, physical, psychological, social & spiritual problems of cancer patients and their families;
- 1.2.3** Describe the principles of radiotherapy, chemotherapy, biotherapy and surgery;
- 1.2.4** Apply nursing process in caring for patients with cancers of different organs;
- 1.2.5** Describes nurse's role in multi modal treatment regime and alternative therapies.
- 1.2.6** Demonstrate skills relevant I providing care to patients under different treatment regimes.
- 1.2.7** Analyze legal and ethical issues in cancer nursing.
- 1.2.8** Provide palliative care to the cancer patients.
- 1.2.9** Collaborate with other agencies and utilize resources in caring for cancer patients.
- 1.2.10** Teach and supervise nurses and allied health workers.
- 1.2.11** Conduct research studies in areas related to oncology nursing.

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,
- 3.2 Possess a minimum of one year experience as a staff nurse.
- 3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.
- 3.4 Be medically fit.

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall be based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in ONCOLOGY NURSING is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

- 7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

		Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>					
Paper-I	Clinical	50	150	200	3
<b>Nursing – I</b>					
Paper-I	Clinical	50	150	200	3
<b>Nursing – II</b>					
Paper – III	Supervision of Management, Clinical Teaching, Elementary Research & Statistics	50	150	200	3

<b>B. Practical</b>				
<b>Clinical Nursing</b>	<b>100</b>	<b>100</b>	<b>200</b>	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

### 7.3 INTERNAL EXAMINATION:

- 7.3.1 The assessment of academic growth of the students shall be done continuously and on day to day basis.
- 7.3.2 The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.
- 7.3.3 The assessment marks for theory shall be as per scheme of examination.
- 7.3.4 A candidate should obtain minimum 50% marks separately in internal assessment.
- 7.3.5 In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

### 7.4 UNIVERSITY EXAMINATION:

- 7.4.1 The University shall conduct examination in the month of June/July.
- 7.4.2 The University shall conduct supplementary examination in the month of July/August.
- 7.4.3 The practical examination shall be held in respective clinical area.
- 7.4.4 A student shall be given maximum 3 opportunity for passing the exam.
- 7.4.5 A student who fails in supplementary exam will appear in main exam next year.

## 8. CRITERIA FOR PASSING :

- 8.1 In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;



- 8.2 If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;
- 8.3 If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;
- 8.4 Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects. However the total marks obtained should not be altered.

**9. DIVISION, MERIT & CERTIFICATION:**

The student shall be declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

A. Title : Post Basic Diploma in ONCOLOGY NURSING

**10. ATTENDANCE :**

A Student must :

- 3.4.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 3.4.2 Have not done less 75% of clinical practical hours.

However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;
- 11.2 An examiner should be M.Sc (N) in concerned subject and have minimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Oncology Nursing with 2 years of working experience.

**11.3 One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student**

**12. REVALUATION & RETOTALING :**

**There shall be provision of Re-totaling / Revaluation of Theory papers only, as per the norms of the University.**

**13. CANCELLATION OF ADMISSION :**

**13.1 The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-**

**Candidate not found qualified as per INC/State Government norms and guidelines**

**OR**

**Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4**

**OR**

**Candidate is found involved in serious breach of discipline in the Institution or University Campus.**

**13.2 Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.**

**14. SCHEME OF STUDIES :**

**The total hours duration for theory and practical is described as under :**

- **Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours**
- **Block Classes -4 weeks x 40 hrs/week = 160 hours**
- **Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours**
- **Theory 6 hrs/week**

	38 weeks x 6 hrs/week =	240 hours
▪ Clinical Experience	24 hours/week	
	38 weeks x 34 hrs/week =	1280 hours
▪ Internship	4 weeks x 40 hours =	160 hours

**CLINICAL EXPERIENCE****38 weeks**

- Medical Oncology ward /ICU including Bone marrow Transplantation unit	- 8 weeks
- Surgical Oncology ward /ICU	- 8 weeks
- Operation Theatre	- 2 weeks
- Radiotherapy unit	- 4 weeks
- Chemotherapy unit	- 4 weeks
- Out patient Department & Pain clinic	- 4 weeks
- Community Oncology	- 2 weeks
- Pediatric Oncology- Ward, ICU	- 2 weeks
- Palliative care Ward	- 2 weeks
- Hospice	- 2 weeks

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**TOTAL****38 weeks**

**RESERVATION OF SEATS :** The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

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

**Ordinance No. 31**

**Post Basic Diploma in Cardio–Thoracic Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** The purpose of the course is to train nurses to provide quality care to patients with cardio thoracic disorders. Manage & supervise care of patients with cardio thoracic disorders. Teach nurses, allied health professionals and family members in areas related to Cardio Thoracic Nursing. Conduct research in areas of Cardio Thoracic Nursing.

**1.2 OBJECTIVES :**

At the end of the course the students will be able to

- 1.2.1 Describe the concepts and principles of cardio-thoracic nursing.
- 1.2.2 Perform advance cardiac life support skills.
- 1.2.3 Apply nursing process in caring of patients with cardio thoracic diseases.
- 1.2.4 Communicate effectively with patients having cardio thoracic problems and their family members.
- 1.2.5 Demonstrate skills in management of cardio-thoracic services/units.
- 1.2.6 Participate effectively as a member of the cardiac care team. Make a plan for organization of cardiac and thoracic units.
- 1.2.7 Conduct research in cardio thoracic nursing and teach and supervise nurses and allied health workers.

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,
- 3.2 Possess a minimum of one year experience as a staff nurse.
- 3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.
- 3.4 Be Medically fit

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in CARDIO THORACIC NURSING is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

	Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>				
Paper-I Clinical Nursing – I	50	150	200	3
Paper-I Clinical Nursing – II	50	150	200	3
Paper – III Supervision of Management, Clinical Teaching, Elementary Research & Statistics	50	150	200	3
<b>B. Practical</b>				
Clinical Nursing	100	100	200	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

**7.3 INTERNAL EXAMINATION:**

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

7.3.2 The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.

**7.3.3 The assessment marks for theory shall be as per scheme of examination.**

**7.3.4 A candidate should obtain minimum 50% marks separately in internal assessment.**

**7.3.5 In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.**

**7.4 UNIVERSITY EXAMINATION:**

**7.4.1 The University shall conduct examination in the month of June/July.**

**7.4.2 The University shall conduct supplementary examination in the month of July/August.**

**7.4.3 The practical examination shall be held in respective clinical area.**

**7.4.4 A student shall be given maximum 3 opportunity for passing the exam.**

**7.4.5 A student who fails in supplementary exam will appear in main exam next year.**

**8. CRITERIA FOR PASSING :**

**8.1 In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;**

**8.2 If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;**

**8.3 If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;**

**8.4 Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects. However the total marks obtained should not be altered.**

**9. DIVISION, MERIT & CERTIFICATION:**

**The student shall declared -**

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

**A. Title : Post Basic Diploma in Cardio Thoracic NURSING**

**10. ATTENDANCE :**

**A Student must :**

- 10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 10.1 Have not done less 75% of clinical practical hours.  
However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;
- 11.2 An examiner should be M.Sc (N) in concerned subject and have minimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Cardio Thoracic Nursing with 2 years of working experience.
- 11.3 One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student

**12. REVALUATION & RETOTALING :**

There shall be provision of Re-totalling / Revaluation of Theory papers only, as per the norms of the University.

**13. CANCELLATION OF ADMISSION :**

- 13.1 The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-

Candidate not found qualified as per INC/State Government norms and guidelines

OR

Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4

OR

Candidate is found involved in serious breach of discipline in the Institution or University Campus.

- 13.2 Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.

#### 14. SCHEME OF STUDIES :

The total hours duration for theory and practical is described as under :

- Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours
- Block Classes -4 weeks x 40 hrs/week = 160 hours
- Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours
- Theory 6 hrs/week  
38 weeks x 6 hrs/week = 240 hours
- Clinical Experience 24 hours/week  
38 weeks x 34 hrs/week = 1280 hours
- Internship 4 weeks x 40 hours = 160 hours

CLINICAL EXPERIENCE 52 weeks

#### Distribution Of Course

Sl.No	Units/Departments	No. of weeks
1.	Cardio thoracic – Medical	- 6 weeks
	- Surgical	- 6 weeks
2.	OTs (Cardiac and thoracic)	6 weeks
3.	Casualty	2 weeks
4.	Diagnostic labs including cath lab	2 weeks
5.	ICCU	4 weeks
6.	ICU	4 weeks
7.	CCU	4 weeks
8.	Paediatric Intensive	2 weeks
9.	OPD	2 weeks
	Total	38 weeks
	Internship*	4 weeks

15. RESERVATION OF SEATS : The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.



**Established under M.P. Act No. 17 of 2007****Ordinance No. 32****Post Basic Diploma in Emergency & Disaster Nursing****1. AIMS AND OBJECTIVE**

**1.1 AIMS :** The purpose of the course is to provide quality care in emergency & disaster situations. Manage & supervise patient care in pre hospital & hospital settings. Teach nurses, allied health professionals, patients and communities in areas related to emergency & disaster nursing. Conduct research in areas of Emergency & Disaster nursing.

**1.2 OBJECTIVES :**

At the end of the course the student will be able to

- 1.2.1 Describe the concepts and principles of emergency and disaster nursing.
- 1.2.2 Describe physiological, pathological and psychosocial aspects of conditions requiring emergency care.
- 1.2.3 Describe various types of disasters and their effects.
- 1.2.4 Perform advance cardiac life support skills.
- 1.2.5 Make a plan for organization of emergency units including triage& ambulance service.
- 1.2.6 Apply nursing process In caring of patientsreceiving emergency care.
- 1.2.7 Organize and demonstrate nursing skills in disaster management.
- 1.2.8 Conduct research m emergency and disaster nursing.
- 1.2.9 Teach and supervise nurses and allied health workers.

**2. COURSE STRUCTURE :**

Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,
- 3.2 Possess a minimum of one year experience as a staff nurse.

**3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.**

**3.4 Be medically fit.**

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic DIPLOMA IN EMERGENCY & DISASTER NURSING is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

**7.1** The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

	Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>				
Paper-I Clinical Nursing – I	50	150	200	3
Paper-I Clinical Nursing – II	50	150	200	3
Paper – III Supervision of Management, Clinical Teaching, Elementary Research & Statistics	50	150	200	3
<b>B. Practical</b>				
Clinical Nursing	100	100	200	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

**7.3 INTERNAL EXAMINATION:**

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

**7.3.2** The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.

**7.3.3** The assessment marks for theory shall be as per scheme of examination.

**7.3.4** A candidate should obtain minimum 50% marks separately in internal assessment.

**7.3.5** In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

**7.4 UNIVERSITY EXAMINATION:**

**7.4.1** The University shall conduct examination in the month of June/July.

**7.4.2** The University shall conduct supplementary examination in the month of July/August.

**7.4.3** The practical examination shall be held in respective clinical area.

**7.4.4** A student shall be given maximum 3 opportunity for passing the exam.

**7.4.5** A student who fails in supplementary exam will appear in main exam next year.

**8. CRITERIA FOR PASSING :**

**8.1** In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;

**8.2** If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;

**8.3** If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;

**8.4** Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects.

However the total marks obtained should not be altered.

**9. DIVISION, MERIT & CERTIFICATION:**

The student shall declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

**A. Title : Post Basic Diploma in EMERGENCY & DISASTER NURSING**

**10. ATTENDANCE :**

A Student must :

- 10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 10.2 Have not done less 75% of clinical practical hours.  
However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;
- 11.2 An examiner should be M.Sc (N) in concerned subject and have minimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Emergency & Disaster Nursing with 2 years of working experience.
- 11.3 One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student

**12. REVALUATION & RETOTALING :**

There shall be provision of Re-totalling / Revaluation of Theory papers only, as per the norms of the University.

**13. CANCELLATION OF ADMISSION :**

13.1 The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-

Candidate not found qualified as per INC/State Government norms and guidelines

OR

Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4

OR

Candidate is found involved in serious breach of discipline in the Institution or University Campus.

13.2 Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.

**14. SCHEME OF STUDIES :**

The total hours duration for theory and practical is described as under :

- Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours
  - Block Classes -4 weeks x 40 hrs/week = 160 hours
  - Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours
  - Theory 6 hrs/week  
38 weeks x 6 hrs/week = 240 hours
  - Clinical Experience 24 hours/week  
38 weeks x 34 hrs/week = 1280 hours
  - Internship 4 weeks x 40 hours = 160 hours
- CLINICAL EXPERIENCE 52 weeks

Distribution of the Course :-

1. Teaching: Theory & Clinical practice	-42 Weeks
2. Internship	-4 Weeks
3. Examination(including preparation)	-2 Weeks
4. Vacation	-2 Weeks
5. Public holidays	-2 Weeks
=====	
TOTAL	52 Weeks

15. **RESERVATION OF SEATS :** The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

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

**Ordinance No. 33**

**Post Basic Diploma in Critical Care Nursing**

**1. AIMS AND OBJECTIVE**

**1.1 AIMS :** The purpose of the course is to train nurses to provide quality care to critically ill patients. Manage & supervise care of critically ill patients. Teach nurses, allied health professionals and family members in areas related to critical care nursing. Conduct research in areas of Critical Care Nursing..

**1.2 OBJECTIVES :**

**At the end of the course the student will be able to**

- 1.2.1 Describe the concepts and principles of critical care nursing.**
- 1.2.2 Communicate effectively with critically ill patients and their family members.**
- 1.2.3 Perform advance cardiac life support skills CRP.**
- 1.2.4 Apply nursing process in caring of critically ill patients.**
- 1.2.5 Participate effectively as a member of health team;**
- 1.2.6 Organize and demonstrate skills in management of critical care nursing services.**
- 1.2.7 Make a plan for organization of critical care units.**
- 1.2.8 Conduct research in critical care nursing,**
- 1.2.9 Teach and supervise nurses and allied health workers.**

**2. COURSE STRUCTURE :**

**Students must complete a total of 400 hours of Theory and 1440 hours of Practical, comprising 3 specified nursing subjects and Internship.**

**3. ACADEMIC QUALIFICATION FOR ADMISSION :**

- 3.1 The Student seeking admission to this course should be registered nurse (R.N & R.M) or equivalent,**

3.2 Possess a minimum of one year experience as a staff nurse.

3.3 Nurses from other countries must obtain an equivalent certificate from INC before admission.

3.4 Be medically fit.

**4. CRITERIA FOR SELECTION:**

The selection of candidate shall based upon the merit of marks obtained in qualifying examination.

**5. COURSE DURATION:**

The duration of Post Basic Diploma in Critical Care Nursing is 1 (One) Academic Year.

**6. COURSE COMMENCEMENT**

The Course will commence from July every year.

**7. EXAMINATION:**

7.1 The Examination will be conducted by the University which has been recognized by Indian Nursing Council.

**7.2 SCHEME OF EXAMINATION:**

	Int. Ass. Marks	Ext. Ass. Marks	Total Marks	Duration (in hrs)
<b>A. Theory</b>				
Paper-I Clinical Nursing – I	50	150	200	3
Paper-I Clinical Nursing – II	50	150	200	3
Paper – III Supervision of Management, Clinical Teaching, Elementary Research & Statistics	50	150	200	3
<b>B. Practical</b>				
Clinical Nursing	100	100	200	
<b>GRAND TOTAL</b>	<b>250</b>	<b>550</b>	<b>800</b>	

**7.3 INTERNAL EXAMINATION:**

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

**7.3.2** The internal assessment marks shall be on the basis of two term examination and one pre-university examination, class tests, theory & practical assignments and clinical performance.

**7.3.3** The assessment marks for theory shall be as per scheme of examination.

**7.3.4** A candidate should obtain minimum 50% marks separately in internal assessment.

**7.3.5** In case candidate fails in any subject(s), there shall be provision for improvement in internal assessment marks and those marks shall be consider in subsequent examination.

**7.4 UNIVERSITY EXAMINATION:**

**7.4.1** The University shall conduct examination in the month of June/July.

**7.4.2** The University shall conduct supplementary examination in the month of July/August.

**7.4.3** The practical examination shall be held in respective clinical area.

**7.4.4** A student shall be given maximum 3 opportunity for passing the exam.

**7.4.5** A student who fails in supplementary exam will appear in main exam next year.

**8. CRITERIA FOR PASSING :**

**8.1** In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers;

**8.2** If a candidate fails in either theory or practical paper, he/she has to reappear in failed paper only;

**8.3** If a candidate fails in any number of subjects in main examination, he/she will be considered as Supplementary candidate in subsequent examination;

**8.4** Grace marks = upto a maximum of 5 marks who have failed in two subjects but passes in all other subjects.



However the total marks obtained should not be altered.

**9. DIVISION, MERIT & CERTIFICATION:**

The student shall declared -

- a) Second Division - Less than 60%
- b) First Division – above 60% but below 75%
- c) Distinction – above 75%

The Merit of candidates will be prepared on the basis of scoring highest grand total marks.

**CERTIFICATION:**

A. Title : Post Basic Diploma in **CRITICAL CARE NURSING**

**10. ATTENDANCE :**

A Student must :

- 10.1 Have attended not less than 75% of the theoretical instruction hours in each subject during the year;
- 10.2 Have not done less 75% of clinical practical hours. However, the students should make up 100% of attendance for integrated practice experience and internship in terms of hours and activities before awarding the certificate.

**11. APPOINTMENT OF EXAMINERS:**

- 11.1 One internal and One external examiners (outside the University) should jointly conduct practical examination for each student;
- 11.2 An examiner should be M.Sc (N) in concerned subject and have minimum of 3 (three) years post graduate teaching experience or Post Basic Diploma in Critical Care Nursing with 2 years of working experience.
- 11.3 One internal and One external examiners (outside the University) should evaluate dissertation and jointly conduct viva-voce for each student

**12. REVALUATION & RETOTALING :**

There shall be provision of Re-totaling / Revaluation of Theory papers only, as per the norms of the University.

**13. CANCELLATION OF ADMISSION :**

**13.1** The admission of a student at any stage shall be cancelled by Vice Chancellor, based on the recommendation of Head of Institute, if :-

Candidate not found qualified as per INC/State Government norms and guidelines

OR

Candidate is not able to complete the course within the stipulated time period as prescribe in para 7.4.4

OR

Candidate is found involved in serious breach of discipline in the Institution or University Campus.

**13.2** Admissions will be subject to verification of the original certificates/documents of the student. In case of any discrepancy, even after the completion of admissions, the candidature of the student shall be cancelled. The decision of the University Admission Committee shall be final.

**14. SCHEME OF STUDIES :**

The total hours duration for theory and practical is described as under :

- Hours distributed for Theory & Practice -  
42 weeks x 40 hrs/week = 1680 hours
- Block Classes -4 weeks x 40 hrs/week = 160 hours
- Integrated Theory & Clinical Practice -  
38 weeks x 40 hrs/week = 1520 hours
- Theory 6 hrs/week  
38 weeks x 6 hrs/week = 240 hours
- Clinical Experience 24 hours/week  
38 weeks x 34 hrs/week = 1280 hours
- Internship 4 weeks x 40 hours = 160 hours

**CLINICAL EXPERIENCE**

**52 weeks**

**Distribution of the Course :-**

1. Teaching: Theory & Clinical practice	-42 Weeks
2. Internship	-4 Weeks
3. Examination(including preparation)	-2 Weeks
4. Vacation	-2 Weeks
5. Public holidays	-2 Weeks
=====	
<b>TOTAL</b>	<b>-52 Weeks</b>

**15.**

**RESERVATION OF SEATS :** The reservation of seats for SC/ST/OBC candidates will be as per State Government norms.

**Established under M.P. Act No. 17 of 2007****ORDINANCE No. 34  
BACHELOR IN HOSPITAL MANAGEMENT**

1. **AIMS :** The Institute offers a Three-year full-time Hospital management Programme with specialisation in Hospital Management, Health Management. It is a flagship educational programme which aims to develop trained professional managers with requisite skills in planning, implementation, operational management, diagnosing and problem solving, consultancy and entrepreneurship with a view to prepare them to manage hospitals and health care institutions in developing country's, both the public and the private sectors, and to meet the rising demand for quality health care management. The Institute builds achievers through the programme. Our students have won prizes in many inter-campus and national competitions in academic and non-academic activities. They have presented papers in many conferences .

2. **NAME OF STATUTORY / REGULATORY BODY**

This Courses Organized by university.

3. **DURATION :- 3 Year**

4. **QUALIFICATION /CRITERIA**

**Bachelor Degree Course :-**The eligibility requirement for bachelor degree in hospital management is a pass in HSC from any of the reputed institutions of the country. The qualification must be obtained with 50% marks and Biology as one of the subjects. The eligibility requirements may vary slightly according to the guidelines of the University or institute that offers the course.

5. **ADMISSION PROCESSES :-**Admissions are done at Institutional level According to merit .and the reservation rules are followed as per Norms of the Government ..

6. **CANCELLATION OF ADMISSION**

In case of Producing false documents and nonpayment of the fees, the admission will be cancelled .

**7. FEES**

To be decided by University.

**8. ATTENDANCE**

Has attended not less than 75% of the total classes held in each theory/lab/seminar/dissertation etc. This requirement shall be fulfilled separately for each subject of study. A deficiency up to 10% may be condoned by the Chairman of the Department.

A further condonation of 5% in attendance may be allowed in severe/compassionate circumstances by the Vice-Chancellor. However it may not be treated as a matter of right by the students. (In case a student fails to fulfill the necessary requirement of the attendance in any subject(s) in any semester, he/ she shall not be promoted to next semester and will have to repeat that academic semester in the next academic session along with regular students.)

**9. STANDARD OF PASSING / DIVISION**

In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers.

- a) Less than 60% is Second Division,
- b) 60% and above and below 75% is First division,
- c) 75% and above is Distinction.

**10. MODE OF EXAMINATION :- Semester wise**

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

**ORDINANCE No. 35  
MASTER OF HOSPITAL MANAGEMENT**

**1 AIMS :**

The Institute offers a two-year full-time master of Hospital management Programme with specialization in Hospital Management, Health Management. It is a flagship educational programme which aims to develop trained professional managers with requisite skills in planning, implementation, operational management, diagnosing and problem solving, consultancy and entrepreneurship with a view to prepare them to manage hospitals and health care institutions in developing country's, both the public and the private sectors, and to meet the rising demand for quality health care management. The Institute builds achievers through the programme. Our students have won prizes in many inter-campus and national competitions in academic and non-academic activities. They have presented papers in many conferences .

**2. NAME OF STATUTORY / REGULATORY BODY**

This Courses Organized by university.

**3. DURATION:- 2 Year**

**4. QUALIFICATION /CRITERIA:-**

Must possess a graduate degree of any university treated as equivalent in medical and non- medical field with 50% aggregate (45% for SC and ST candidates)

**5. ADMISSION PROCESSES :-**Admissions are done at institutional level According to merit .and the reservation rules are followed as per Norms of the Government ..

**6. CANCELLATION OF ADMISSION**

In case of Producing false documents and non payment of the fees, the admission will be cancelled.

**7. FEES**

To be as decided by University

## **8. ATTENDANCE**

Has attended not less than 75% of the total classes held in each theory/lab/seminar/dissertation etc. This requirement shall be fulfilled separately for each subject of study. A deficiency up to 10% may be condoned by the Chairman of the Department.

A further condonation of 5% in attendance may be allowed in severe/compassionate circumstances by the Vice-Chancellor. However it may not be treated as a matter of right by the students. (In case a student fails to fulfill the necessary requirement of the attendance in any subject(s) in any semester, he/ she shall not be promoted to next semester and will have to repeat that academic semester in the next academic session along with regular students.)

## **9. STANDARD OF PASSING / DIVISION**

In order to pass a candidate should obtain at least 50% marks separately in internal Assessment and external examination in each of theory practical papers.

- a) Less than 60% is Second Division,
- b) 60% and above and below 75% is First division,
- c) 75% and above is Distinction.

## **10. MODE OF EXAMINATION :- Semester wise**

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

**ORDINANCE No. 36  
MASTER IN HOSPITAL ADMINISTRATION**

**1. AIMS :**

The Institute offers a two-year full-time Hospital management Programme with specialization in Hospital Management, Health Management, Hospital Administration. It is a flagship educational programme which aims to develop trained professional managers with requisite skills in planning, implementation, operational management, diagnosing and problem solving, consultancy and entrepreneurship with a view to prepare them to manage hospitals and health care institutions in developing countries, both the public and the private sectors, and to meet the rising demand for quality health care management. The Institute builds achievers through the programme. Our students have won prizes in many inter-campus and national competitions in academic and non-academic activities. They have presented papers in many conferences .

**2. NAME OF STATUTORY / REGULATORY BODY**

This Courses Organized by university.

**3. DURATION: Two Year**

**4. ELIGIBILITY CRITERIA:-**

The admission to the first semester of Master in Hospital Administration (MHA) programme will be open to the candidates who have passed:MD/ MS/MDS MBBS/ BDS/ M.Tech (Bo-Medical)/ MTech (Ho-Medical) / MTech (Medical-Bectronic)/ MTech. (Instrumentation)/ BAMS/Pharmacy/ BHMS Sc. Nursing/M.Sc. (Medical)/ RSx- Medical from Indian University included in the approved list of the Association of Indian University or any foreign University recognized by the Academic Council of the University for purpose of admission. Admissions to the MHA programme will be made on the basis of academic merit of qualifying examination. However, the preference can be given to according to the following order:

- a) MD/ MS Doctors/MDS
- b) MBBS/BDS
- c) M.Tech./B.Tech(Bio-Medical)/B.Tech(Medical-Electronic)/B.Tech ( Instrumentation)
- d) BAMS/ BPT/ B.Pharma/ BHMS
- e) B.Sc. Nursing
- f) M.Sc. / B.Sc. (Medical)

The reservation would be according to the MP Govt./University norms notified in the admission brochure.

5. **ADMISSION PROCESSES** :-Admissions are done at institutional level According to merit .and the reservation rules are followed as per Norms of the Government ..
6. **CANCELLATION OF ADMISSION**  
In case of Producing false documents and non payment of the fees, the admission will be cancelled.
7. **FEES**  
To be decided by University .
8. **ATTENDANCE**  
Has attended not less than 75% of the total classes held in each theory/lab/seminar/dissertation etc. This requirement shall be fulfilled separately for each subject of study. A deficiency up to 10% may be condoned by the Chairman of the Department.  
A further condonation of 5% in attendance may be allowed in severe/compassionate circumstances by the Vice-Chancellor. However it may not be treated as a matter of right by the students. (In case a student fails to fulfill the necessary requirement of the attendance in any subject(s) in any semester, he/ she shall not be promoted to next semester and will have to repeat that academic semester in the next academic session along with regular students.)
9. **STANDARD OF PASSING / DIVISION**  
Candidates who have passed all the examination of MHA thecourse shall be awarded divisions in accordance with the total aggregate marks secured by them in all the semester examinations taken together.  

First Division with Distinction :	70% and above
First Division :	60% and above but less than 70%
Second Division :	50% and above but less than 60%
Pass Division :	40% and above but less than 50%

  
Candidates who have not passed the examination in the first attempt along with the batch in which they were admitted are not eligible for getting rank certificates, medals
10. **MODE OF EXAMINATION:-Semesters wise**



**भाग ४ (ग)****अंतिम नियम****नगरीय विकास एवं आवास विभाग**

मंत्रालय, वल्लभ भवन, भोपाल

भोपाल, दिनांक 18 जनवरी 2017

एफ. 7-14-16-अठारह-5.—भारत के संविधान के अनुच्छेद 309 के परन्तुक द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए, मध्यप्रदेश के राज्यपाल, एतद्वारा, मध्यप्रदेश राजधानी परियोजना प्रशासन तृतीय-श्रेणी सेवा भर्ती नियम, 2011 में निम्नलिखित और संशोधन करते हैं, अर्थात्:—

**संशोधन**

उक्त नियमों में, नियम 11 में, उप नियम (7) में, खण्ड (ख) में, उप-खण्ड (दो) का लोप किया जाता है।

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,  
**राजीव शर्मा**, अपर सचिव.

Bhopal, the 18<sup>th</sup> January 2017

F 7-14-16-XVIII.-5.—In exercise of the powers conferred by the proviso to Article 309 of the Constitution of India, the Governor of Madhya Pradesh, hereby makes the following further amendment in the Madhya Pradesh Capital Project Administration Class-III Service Recruitment Rules, 2011, namely :—

**AMENDMENT**

In the said rules, in rule 11, in sub-rule (7), in clause (b), sub-clause (ii) shall be omitted.

By order and in the name of the Governor of Madhya Pradesh,  
**RAJIV SHARMA**, Addl. Secy.

भोपाल, दिनांक 18 जनवरी 2017

एफ. 7-18-16-अठारह-5.—भारत के संविधान के अनुच्छेद 309 के परन्तुक द्वारा प्रदत्त शक्तियों को प्रयोग में लाते हुए, मध्यप्रदेश के राज्यपाल, एतद्वारा, मध्यप्रदेश नगर तथा ग्रामीण नियोजन (तृतीय श्रेणी लिपिकवर्गीय तथा अलिपिकवर्गीय) सेवा भर्ती नियम, 1972 में निम्नलिखित और संशोधन करते हैं, अर्थात्:—

**संशोधन**

उक्त नियमों में,—

1. नियम 10 के स्थान पर, निम्नलिखित नियम किया जाए, अर्थात्:—

“10. उम्मीदवारों की पात्रता के संबंध में समिति का निर्णय अंतिम होगा.— परीक्षा में प्रवेश देने/चयन करने के लिए उम्मीदवार को, पात्रता अथवा अपात्रता के बारे में समिति का निर्णय अंतिम होगा तथा ऐसे किसी उम्मीदवार को परीक्षा में प्रवेश नहीं दिया जाएगा, जिसे समिति द्वारा प्रवेश पत्र जारी न किया गया हो.”

2. नियम 11 में, उप नियम (2) में, खण्ड (दो) के स्थान पर, निम्नलिखित खण्ड स्थापित किया जाए, अर्थात्:—

“(दो) सेवा के लिए उम्मीदवार का चयन, समिति द्वारा लिखित परीक्षा / ड्राइंग परीक्षा / क्षेत्र सर्वेक्षण परीक्षा के पश्चात् किया जाता है.”

मध्यप्रदेश के राज्यपाल के नाम से तथा आदेशानुसार,  
**राजीव शर्मा**, अपर सचिव.

Bhopal, the 18<sup>th</sup> January 2017

F 7-18-16-XVIII.-5.—In exercise of the powers conferred by the proviso to Article 309 of the Constitution of India, the Governor of Madhya Pradesh, hereby makes the following further amendment in the Madhya Pradesh Town and Country Planning (Class III Ministerial and Non-Ministerial) Services Recruitment Rules, 1972, namely :—

**AMENDMENT**

In the said rules,—

1. For rule, 10 the following rule shall be substituted, namely :—

“10 The decision of the Committee about the eligibility of candidates shall be final.—The Decision of the Committee as to the eligibility or otherwise of a candidate for admission to the Examination/Selection shall be final and no candidate to whom a certificate of admission has not been issued by the committee shall be admitted to the examination.”

2. In rule 11, in sub-rule (2), for clause (ii) the following clause shall be substituted, namely :—

“(ii) The selection of Candidate for the service may be made by the committee after written examination/ Drawing Examination/Field survey examination.”

By order and in the name of the Governor of Madhya Pradesh,  
**RAJIV SHARMA**, Addl. Secy.