

**Minutes of the 32<sup>nd</sup> Meeting of the Academic Council held on**  
**Saturday, 19<sup>th</sup> December, 2015 at 11.30 a.m.**

The Thirty-Second Meeting of the Academic Council was held on Saturday, 19<sup>th</sup> December, 2015 at 11.30 a.m. in the Auditorium of Dr. D. Y. Patil Medical College, Hospital & Research Centre, Pimpri, Pune - 411 018.

The following members were present:

<b>Sr. No.</b>	<b>Name of the Member</b>	<b>Designation</b>
1.	Dr. P. N. Razdan	Chairman
2.	Dr. B. P. Bhatnagar	Member
3.	Dr. Arvind Sangamnerkar	Member
4.	Dr. Arvind A. Natu	Member
5.	Dr. (Capt) C. M. Chitale	Member
6.	Dr. A. L. Kakrani	Member
7.	Dr. Deepak Kulkarni	Member
8.	Dr. Ashima Bhan	Member
9.	Dr. L. K. Tripathy	Member
10.	Dr. K. S. Jamadar	Member
11.	Dr. Tushar Palekar	Member
12.	Dr. P. Vatsalaswamy	Member
13.	Dr. P. R. Manvikar	Member
14.	Dr.(Mrs.) N.G. Borade	Member
15.	Dr. Mrs. M. A. Tilak	Member
16.	Dr. A. V. Tilak	Member
17.	Dr. R. N. Misra	Member
18.	Dr. S. R. Agarkhedkar	Member
19.	Dr. M. S. Barthwal	Member
20.	Dr. Sanjay Deo,	Member
21.	Dr. S. G. Gandage	Member
22.	Dr. S. K. Thombre	Member
23.	Dr. D. Gopalkrishnan	Member
24.	Dr. Sanjyot Mulay	Member
25.	Dr. Supriya Pande (Kheur)	Member
26.	Dr. Sahana Hegde	Member
27.	Mr. Veshal Madan	Member
28.	Dr. Savitri Jhamb	Member
29.	Dr. Minal Patvekar	Member

Sr. No.	Name of the Member	Designation
30.	Dr. Shalini Aggarwal	Member
31.	Dr. G. D. Tandon	Member
32.	Dr. Kunal Bhattacharya	Member
33.	Dr. Manisha Rathi	Member
34.	Dr. Sachin Sarode	Member
35.	Dr. Neelu Nawani	Member
36.	Dr. Sadhana Adhyapak	Member
37.	Dr. M. Vijaykumar	Member
38.	Mrs. Jayabala Aghamkar	Member
39.	Mr. M. S. Phirange	Invitee
40.	Dr. A. N. Suryakar	Secretary

Leave of absence was granted to Dr. K Sudha Rao, who is at present at USA and Dr. Arun V. Jamkar, Dr. Tushar A Dighe, Dr. Shahaji Chavan, Dr. (Col) Harsh Kumar, Dr. H. G. Deshpande, Dr. Ajay L. Ghangale, Dr. J. S. Bhawalkar, Dr. (Brig.) Amarjit Singh, and Dr. Supriya Kore who expressed their inability to attend the meeting.

Dr. K. Dash, Dr. L. Bhattacharya, Dr. Renu Magdum, Dr. James Thomas, Dr. (Mrs.) W. S. Thatte, Dr. Deepak Ranade, Dr. S. P. Kankalia, Dr. U. B. Chitnis, Dr. Dilip Kakade, Dr. Jayesh Rahalkar, Dr. Vikas Bendgude and Dr. Digambar Sable were absent for the meeting without prior intimation. **Heads of Institutions need to convey the concern of Chairman about absence of members and seek comments for their absence without any prior intimation.**

Thereafter the business of the meeting was taken up.

**Item No. AC-18-15:** To confirm the minutes of the last meeting of the Academic Council held on 17<sup>th</sup> October, 2015

**Resolution No. AC-18-15:** It was resolved that the minutes of the last meeting of the Academic Council held on 17<sup>th</sup> October, 2015, be confirmed.

**Item No. AC-19-15:** To consider the report on the 'Actions Taken' by the Vidyapeeth office on the resolutions of the Academic Council.

**Resolution No. AC-19-15:** It was resolved that the 'Action Taken' by the Vidyapeeth office on the resolutions of the last meeting of the Academic Council held on 19<sup>th</sup> October, 2015, be noted.

**Item No. AC-20-15:** To consider recommendations made by the **Faculty of Nursing** at its meeting held on 27<sup>th</sup> November, 2015.

**Item No. AC-20-(i)-15:** To implement Credit System for UG and PG courses from the Academic Year 2016-17

**Resolution No. AC-20-(i)-15:** After detailed discussion it was decided that, the Vidyapeeth should write a letter again to Indian Nursing Council (INC) for its permission to start Credit System for UG and PG courses from Academic Year 2016-17. In the meantime, Principal of Nursing College was advised to collect details of credit systems pattern implemented in some of the institutes in India.

Till then, it was resolved that the item be deferred to the next meeting of Academic Council.

**Item No. AC-20-(ii)-15:** To consider inclusion of Ayurved Nursing in alternative therapies.

**Resolution No. AC-20-(ii)-15:** It was resolved that the topics of Ayurved Nursing in alternative therapies of 20 hours of theory and 30 hours of clinical at UG programme, as per the INC norms, be approved and recommended to the Board of Management for its approval. The topics included of Ayurved Nursing in alternative therapies are as follows:

**Ayurveda Nursing Syllabus  
8<sup>th</sup> Semester B. Sc. Nursing**

**Theory: 20 hrs  
Clinical: 30 hrs**

Sr. No.	Topic	Theory: 20 hrs Clinical: 30 hrs	
		Theory hrs	Practical hrs
1.	Introduction to Basic principles of Ayurveda, history of Ayurveda, five basic elements of cosmos	2 hrs	---
2.	Chatushpada (four pillars of treatment)	1 hr	---
3.	Role of a nurse in Ayurvedic medicine, assessment of patients, role in various diagnostic procedures	1 hr	---
4.	Introduction to Ayurveda therapies & therapeutic uses of these therapies	1 hr	---
5.	Kayachikitsa: introduction to types of medicines, doses of medicines, route of administrations (External & Internal).	3 hr	5 hr

Sr. No.	Topic	Theory hrs	Practical hrs
6.	Panchkarma: Introduction to Types of treatments 1. Vamana 2. Virechana 3. Basti 4. Nasya 5. Raktamokshana 6. leech application Preparation of medicine, preparation of patient, Supervision of patient during treatment	4 hrs	10 hrs
7.	Stree rog and prasuti tantra: Types of treatments 1. Yonipichu 2. Yonidhavan 3. Yonidhupan 4. Uttarbasti Preparation of Medicine, preparation of patient, Supervision of patient during treatment	2 hrs	5 hrs
8.	Shalakyta tantra Types of kriyakalpas 1. Netra tarpan 2. Netradhavan 3. Aschotana 4. Bidalaka 5. karna purana 6. Gandusha 7. Kavala Medicine, preparation of patient, Supervision of patient during treatment	2 hrs	5 hrs
9.	Shalyatantra Types of treatments 1. Ksharsutra preparation 2. Ksharsutra application 3. Types of bandhas Medicine, preparation of patient, Supervision of patient during treatment	2 hrs	3 hrs
10	Koumarbhrtiya tantra ( Pediatrics) Types of treatments Medicine, preparation of patient, Supervision of patient during treatment	2 hrs	2 hr

**Item No. AC-20-(iii)-15:** To consider introduction of bioethical aspects in various chapters of all subjects.

**Resolution No. AC-20-(iii)-15:** It was informed to the house that Nursing Ethics of 30 Hrs. are already exists in the syllabus of UG programme under various subjects. However, it was resolved that the following bioethical aspects be included in eighth

**(VIII) Semester of Basic B.Sc. Nursing Programme and recommended to the Board of Management.**

<b>Nursing Ethics</b>		<b>10 Hrs</b>
•	Ethics and Law	2 Hrs
•	Human Dignity and Human Rights	2 Hrs
•	Consent	1 Hrs
•	Privacy and Confidentiality	1 Hrs
•	Non- Discrimination and Non Stigmatization	1 Hrs
•	Social Responsibility and Health	1 Hrs
•	Protection of Environment, The Biosphere and Biodiversity	1 Hrs
•	Responsibilities and role of a Nurse in Ethics	1 Hrs

**Item No. AC-20-(iv)-15:** To consider revised Scheme of Examinations for M.Sc. (Nursing) to be implemented from Academic Year 2016-17.

The Vidyapeeth has recently revised Scheme of Examination for M.Sc. (Nursing) from the Academic year 2015-16. However, Principal of Nursing College informed that INC has uploaded, on its website, the revised scheme of examination for M. Sc. Nursing and as per INC norms the college has to implement the same.

**Resolution No. AC-20-(iv)-15:** It was resolved that the revised Scheme of Examination for M. Sc. Nursing be approved and recommended to the Board of Management. The Revised Scheme of Studies and Scheme of Examination for M. Sc. (Nursing), to be implemented from Academic Year 2016-17, is as follows:

**SCHEME OF STUDIES  
FIRST SEMESTER M. Sc. NURSING**

Sr. No	Subject	Hrs	Theory		Practical		
			Week	Credit	Hrs	Week	Credit
1	Nursing Education	150	3	6	150	3	3
2	Advanced Nursing Practice	150	3	6	200	4	4
3	Nursing Research and statistics	150	3	6	100	2	2
	<b>Total</b>	<b>400</b>	<b>9</b>	<b>18</b>	<b>400</b>	<b>9</b>	<b>9</b>

## SECOND SEMESTER M. Sc. NURSING

Sr. No	Subject	Theory			Practical		
		Hrs	Week	Credit	Hrs	Week	Credit
1	Clinical Speciality-I	150	3	6	660	13	18
	<b>Total</b>	<b>150</b>	<b>3</b>	<b>6</b>	<b>660</b>	<b>13</b>	<b>18</b>

## THIRD SEMESTER M. Sc. NURSING

Sr. No	Subject	Theory			Practical		
		Hrs	Week	Credit	Hrs	Week	Credit
1	Nursing Management	150	3	6	150	3	3
2	Nursing Research (Dissertation)	--		--	300	6	6
3	Clinical Speciality-II	75	1	3	150	3	3
	<b>Total</b>	<b>225</b>	<b>4</b>	<b>9</b>	<b>600</b>	<b>12</b>	<b>15</b>

## FOURTH SEMESTER M. Sc. NURSING

Sr. No	Subject	Theory			Practical		
		Hrs	Week	Credit	Hrs	Week	Credit
1	Clinical Speciality-II	75	1	3	810	15	16
	<b>Total</b>	<b>75</b>	<b>1</b>	<b>3</b>	<b>810</b>	<b>15</b>	<b>16</b>

Educational visits 2 weeks

- Clinical Speciality – Medical Surgical Nursing , Obstetric & Gynaecological Nursing, Child health (Paediatric) Nursing, Mental Health ( Psychiatric) Nursing, Community Health Nursing.

Educational visits 2 weeks

- Clinical Speciality – Medical Surgical Nursing ( Cardio Vascular & Thoracic Nursing, Critical Care Nursing, Oncology Nursing, Neurosciences Nursing, Nephro-Urology Nursing, Orthopedic Nursing, Gastro Enterology Nursing), Obstetric & Gynaecological Nursing, Child Health (Paediatric) Nursing, Mental Health (Psychiatric) Nursing, Community Health Nursing.
- **University examination will be held in IV semester.**

Note: Students have to maintain log book for each activity during the course of study.

## Scheme of Examination FIRST SEMESTER M. Sc. NURSING

Sr. No	Subject	Internal	External	Duration (hrs)	Total
1	Nursing Education (theory)	25	75	3	100
2	Nursing Education (practical)	50	50		100
3	Advanced Nursing Practice	25	75	3	100
4	Nursing Research and statistics	25 **	75 *	3	100

### SECOND SEMESTER M. Sc. NURSING

Sr. No	Subject	Internal	External	Duration (hrs)	Total
1	Clinical Speciality-I (theory)	25	75	3	100
2	Clinical Speciality-I (Practical)	100	100		200

### THIRD SEMESTER M. Sc. NURSING

Sr. No	Subject	Internal	External	Duration (hrs)	Total
1	Nursing Management	25	75	3	100

### FOURTH SEMESTER M. Sc. NURSING

Sr. No	Subject	Internal	External	Duration (hrs)	Total
1	Clinical Speciality-II (theory)	25	75	3	100
2	Clinical Speciality-II (Practical)	100	100		200
3	Nursing Research (Dissertation)	100	100		200

\* Nursing research =50 and statistics =25

\*\*Nursing research = 15 and statistics =10

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

**Item No. AC-21-15:** To consider recommendations made by the **Faculty of Allied Medical Sciences** at its meeting held on 1<sup>st</sup> December, 2015.

**Item No. AC-21-(i)-15:** To consider and approve the nomenclature of MPT Subjects.

The nomenclature of the MPT Course and their specialties for the Academic Year 2015-16 were already approved by the Board of Management. However, the nomenclatures of MPT Semester I, II, III, IV with subject code MPT - 104, MPT - 204, MPT - 304(A-H), and MPT - 404 (A-H) named as **Supervised Clinical training (SCT)** needs to be re-nomenclature as **Physiotherapeutics–I, Physiotherapeutics–II, Advanced Physiotherapeutics (elective)-I and Advanced Physiotherapeutics (elective)-II** respectively from the academic year 2015-2016.

Sub. Code	Existing Subject Nomenclature	Proposed Subject Nomenclature
MPT 104	SCT (Supervised Clinical Training)	Physiotherapeutics–I
MPT 204	SCT (Supervised Clinical Training)	Physiotherapeutics–II
MPT 304	SCT (Supervised Clinical Training)	Advanced Physiotherapeutics (elective)-I
MPT 404	SCT (Supervised Clinical Training)	Advanced Physiotherapeutics (elective)-II

**Resolution No. AC-21-(i)-15:** It was resolved that the above proposed nomenclatures for of MPT Semester I, II, III, IV, be approved and recommended to the Board of Management for its approval. The revised nomenclatures shall be implemented from the academic year 2015-2016.

**Item No. AC-21-(ii)-15:** To consider transcripts Credits for BPT and MPT Programme.

**Resolution No. AC-21-(ii)-15:** After thorough discussion it was resolved that the transcript of BPT and MPT Programmes for the Academic Year 2015-16 be approved.

**The Total Credits for BPT Programme including internship programme are 218 and the Total Credits for MPT Programme are 90 for the Academic Year 2015-16.**

The formats of transcript of BPT and MPT programme for the Academic Year 2015-16 are annexed herewith as **Appendix – I**

**Item No. AC-22-15:** To consider recommendations made by the Faculty of Dentistry at its meeting held on 10<sup>th</sup> December, 2015.

**Item No. AC-22-(i)-15:** To consider introduction of bioethical aspects in various chapters of all subjects.

**Resolution No. AC-22-(i)-15:** It was resolved that following topics on bioethical aspects be incorporated in the BDS syllabus, to be implemented from Academic Year 2016-17 and be recommended to the Board of Management for its approval.



Year	Topics to be covered	No of hours	Concerned Department
I BDS	Orientation of bioethics	1 Lecture	Public Health Dentistry
	Topic related to dissection of human bodies	1 Lecture	Anatomy
II BDS	1) Judicious use of drugs in dental scenario 2) Emergency drugs	1-2 Lectures	Pharmacology / Oral Surgery
	Oriental lecture on disposal of used dental materials	1-2 Lectures	Prosthodontics & Conservative Dentistry
III BDS	Principals of dental ethical as per DCI 1) Pt autonomy(Self governance) 2) Nonmaleficence (do no harm) 3) Beneficence ( As good) 4) Justice (fairness) 5) Veracity (truthfulness)	2 Lectures	Public Health Dentistry
	Patient handling skills Effective communication	1 Lecture	Paedodontics and Psychologist (Mrs. Ubhe)
IV BDS	Integrated case based teaching	Practical hours last 30 min	Concerned Department
	Medico legal cases / Code of conduct / Case based situations	2 Lectures	Oral Surgery & Lawyer

**Item No. AC-22-(ii)-15:** To consider modifications in Vidyapeeth theory examination pattern for 1<sup>st</sup> year, 2<sup>nd</sup> year and 3<sup>rd</sup> year BDS Subjects.

**Resolution No. AC-22-(ii)-15:** It was resolved that the following uniform pattern for Vidyapeeth Theory Examination papers of 1<sup>st</sup> year, 2<sup>nd</sup> year and 3<sup>rd</sup> year BDS be approved and recommended to the Board of Management for its approval.

The proposed examination pattern is as follows:

<b>1<sup>st</sup> Year BDS University Exam Pattern</b>			
<b>Anatomy</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (20x1 marks)	20 marks	MCQ – (20x1 marks)	20 marks
<b>Section B</b>			
LAQ – (1x11 marks)	11 marks	LAQ (structured) –	10 marks
<b>Or Short Notes – (1x 6+1x5)</b>	11 Marks	<b>(1x10 marks) (1 out of 2)</b>	
SAQ – (7x2 marks) ( 7 out of 8)	14 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Section C</b>			
LAQ – (1x11 marks)	11 marks	LAQ (structured) –	10 marks
<b>Or Short Notes –(1x 6+1x5)</b>	11 Marks	<b>(1x10 marks) (1 out of 2)</b>	
SAQ – (7x2 marks) ( 7 out of 8)	14 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

<b>Physiology</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (10x1 marks)	10 marks	MCQ – (10x1 marks)	10 marks
<b>Section B</b>			
LAQ – (1x11 marks)	11 marks	LAQ (structured) –	10 marks
<b>Or Short Notes – (1x 6+1x5)</b>	11 Marks	<b>(1x10 marks) (1 out of 2)</b>	
SAQ – (7x2marks) ( 7 out of 8)	14 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Biochemistry</b>			
<b>Section A</b>			
MCQ – (10x1 marks)	10 marks	MCQ – (10x1 marks)	10 marks
<b>Section C</b>			
LAQ – (1x11 marks)	11 marks	LAQ (structured) –	10 marks
<b>Or Short Notes – (1x 6+1x5)</b>	11 Marks	<b>(1x10 marks) (1 out of 2)</b>	
SAQ – (7x2marks) ( 7 out of 8)	14 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva (Common for Physiology &amp; Biochemistry)</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

<b>Dental Anatomy, Embryology and Oral Histology (DADH)</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (20x1 marks)	20 marks	MCQ – (20x1 marks)	20 marks
<b>Section B</b>			
LAQ – (1x11 marks)	11 marks	LAQ (structured) –	10 marks
Or Short Notes – (1x 6+1x5)	11 Marks	(1x10 marks) (1 out of 2)	
SAQ – (7x2 marks) ( 7 out of 8)	14 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Section C</b>			
LAQ – (1x11 marks)	11 marks	LAQ (structured) –	10 marks
Or Short Notes – (1x 6+1x5)	11 Marks	(1x10 marks) (1 out of 2)	
SAQ – (7x2marks) ( 7 out of 8)	14 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

<b>2<sup>nd</sup> Year BDS University Exam Pattern</b>			
<b>Pharmacology</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (20x1 marks)	20 marks	MCQ – (20x1 marks)	20 marks
<b>Section B</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) –	10 marks
		(1x10 marks) (1 out of 2)	
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Section C</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) –	10 marks
		(1x10 marks) (1 out of 2)	
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

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<b>Pathology</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (10x1 marks)	10 marks	MCQ – (10x1 marks)	10 marks
<b>Section B</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Microbiology</b>			
<b>Section A</b>			
MCQ – (10x1 marks)	10 marks	MCQ – (10x1 marks)	10 marks
<b>Section C</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva (Common for Pathology &amp; Microbiology)</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

<b>Dental Materials (Prosthodontics)</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (10x1 marks)	10 marks	MCQ – (10x1 marks)	10 marks
<b>Section B</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Dental Materials (Conservative Dentistry)</b>			
<b>Section A</b>			
MCQ – (10x1 marks)	10 marks	MCQ – (10x1 marks)	10 marks
<b>Section C</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva (Common for Prosthodontics &amp; Conservative)</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

<b>3<sup>rd</sup> Year BDS University Exam Pattern</b>			
<b>General Medicine</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (20x1 marks)	20 marks	MCQ – (20x1 marks)	20 marks
<b>Section B</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Section C</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Surgery</b>			
<b>Section A</b>			
MCQ – (20x1 marks)	20 marks	MCQ – (20x1 marks)	20 marks
<b>Section B</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Section C</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

<b>Oral Pathology &amp; Microbiology</b>			
<b>Existing Pattern</b>		<b>Proposed Pattern</b>	
<b>Section A</b>			
MCQ – (20x1 marks)	20 marks	MCQ – (20x1 marks)	20 marks
<b>Section B</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Section C</b>			
SAQ – (5x 3 marks) (5 out of 6)	15 marks	LAQ (structured) – (1x10 marks) (1 out of 2)	10 marks
LAQ – (1x10 marks) (1 out of 2)	10 marks	SAQ – (5x 3 marks) (5 out of 6)	15 marks
<b>Internal Assessment &amp; Viva</b>			
Internal Assessment -	10 Marks	Internal Assessment -	10 Marks
Viva -	20 Marks	Viva -	20 Marks

**Item No. AC-23-15:** To consider recommendations made by the **Faculty of Medicine** for **change in duration and eligibility of modular certificate courses** in the Department of Radio-diagnosis, already approved by the Board of management at its meeting held on 18<sup>th</sup> July, 2014.

The proposal of starting of Modular Courses viz. X-Ray Technician, CT-Scan Technician and MRI Technician in Radio-diagnosis department was approved by Board of Management at its meeting held on 18<sup>th</sup> July, 2014. The details of modular courses were as follows:

Course	Duration	Eligibility	Intake
X-Ray Technician	6 months	12 <sup>th</sup> Science (PCB Subjects)	10
CT Scan Technician	6 months		10
MRI Technician	6 months		10

It was proposed to start separate certificate courses instead of modular courses. It was also proposed that the duration and eligibility for each course also needs to be changed.

**Resolution No. AC-23-15:** It was resolved that the changes in duration and eligibility of following certificate courses in the department of Radio-diagnosis, be approved and recommended to the Board of Management for its approval.

Course	Duration	Eligibility	Intake	Selection criteria
X-Ray Technician	<b>1 Year full time</b>	12 <sup>th</sup> Science (PCB Subjects)	<b>15</b>	<b>Selection shall be done on inter-se merit of 12<sup>th</sup></b>
CT Scan Technician	<b>6 months</b>	12 <sup>th</sup> Science (PCB Subjects) & <b>(i) Successful completion of 1 year X-Ray Technician Course of the Vidyapeeth</b>	<b>3</b>	
MRI Technician	<b>6 months</b>	<b>OR</b> <b>(i) Similar type of recognized course completed from any Government recognized / University institutes</b>	<b>3</b>	

It was further resolved that the final evaluation of these courses shall be done by the Vidyapeeth and on successful completion of the course, the Vidyapeeth will issue certificate to the candidates.

Newly approved course syllabus with amendments for above courses and other details are as follows:

## **1. X-Ray Technician Course**

### **Syllabus:**

#### **A. HUMAN ANATOMY**

- Introduction of the human body & different systems, their names.
- Human surface Anatomy
- Anatomical position and terminology
- Region and system of the body

#### **B. RADIOLOGICAL PHYSICS**

- Transformers, X-ray tubes, I. I. T. V., etc.
- Units & Measurements
- Heat
- Atomic Structure
- Electricity
- Magnetism and electricity
- Magnetic effect of an electric Current
- Electromagnetic induction
- X-Rays
- Basic Interaction between X-Rays & Matters
- Biological Hazards of Radiation & Protection

#### **C. DARK ROOM**

- Dark room Design & layout
- Developer & Fixer
- Cassette and Intensifying Screen
- Films
- Image
- Density & contrast
- Faults in Radiographs
- Bucky
- Grids
- Filmless Radiography & Photography

#### **D. RADIOGRAPHY & RADIOGRAPHIC TECHNIQUES**

- Radiographs
- Projection Terminology
- Upper Extremity
- Lower Extremity
- Vertebral Column & Bony Thorax
- Chest & Abdomen
- Cranium

#### **E. RADIO-DIAGNOSTIC EQUIPMENTS :**

- Fix / Mobile / Dental X-ray machine and their accessories.

#### **F. MODERN IMAGE PROCESSING EQUIPMENTS**

- CR System
- DR System
- PACs
- DICOM paper prints

## **G. SPECIAL RADIOLOGICAL PROCEDURE**

- I. Barium Studies - Pharyngogram
  - Barium Swallow (Single, Double Contrast)
  - Barium Meal (Single, Double Contrast)
  - Hypotonic duodenography
  - Barium meal follow through
  - Barium enema (Single, Double Contrast)
  - Entroclysis
- II. GUT - IVU - Intravenous urography
  - MCU - Micturating cystouthrography
  - RGU - Retrograde urothrography
  - RGP - Retrograde pyelogram
- III. Others - Fistulography
  - DCG – Dacrocystography
- IV. Miscellaneous Techniques –
  - Bedside / Portable X-ray Techniques
  - OT Radiographic Techniques

### **Theory and Practical Examination:**

#### **Theory Examination: 100 Marks**

After completion of 1 year course with 80% attendance, Prelim and Final theory examination conducted of 100 marks with two question papers of 50 marks each.

Question Paper 1 – Radiological Physics and Human Anatomy – 50 Marks

Question Paper 2 - Radiographic and Radiographic technique – 50 Marks

#### **Practical Examination – 100 Marks**

Radiography Demonstration – 50 marks

Viva voce – 25 marks

Spot – 25 marks

Before acquiring the final certificate the candidate has to complete compulsory six months internship programme or one year stipendiary bond period as a Trainee X-ray Technician.

## **2. CT Scan Technician Course**

### **Syllabus:**

- |  |                          |
|--|--------------------------|
| A. Principles in CT                        | B. CT Techniques         |
| C. CT Sectional Anatomy of various systems | D. Special CT Techniques |
| E. Image Post Processing                   | F. PACS                  |

Certificate will be issued after internal assessment of theory and practical examination of 50 marks each.



### 3. MRI Technician Course

#### **Syllabus:**

- |   |                           |
|---|---------------------------|
| A. Principles in MRI                        | B. MRI Techniques         |
| C. MRI Sectional Anatomy of various systems | D. Special MRI Techniques |
| E. Image Post Processing                    | F. PACS                   |

Certificate will be issued after internal assessment of theory and practical examination of 50 marks each.

**Item No. AC-24-15:** To consider and recommend to the Board of Management List of Holidays for the Calendar Year 2016 for the Vidyapeeth and its Constituent Colleges / Institutes.

**Resolution No. AC-24-15:** It was resolved that the List of Holidays for the Calendar Year 2016 for the Vidyapeeth and its Constituent Colleges/Institutes be approved and recommended to the Board of Management for its approval.

#### List of Holidays for the year 2016

<b>Sr. No.</b>	<b>Holiday</b>	<b>Day</b>	<b>Date</b>
1.	Republic Day	Tuesday	26.01.2016
2.	Chhatrapati Shivaji Maharaj Jayanti	Friday	19.02.2016
3.	Mahashivratri	Monday	07.03.2016
4.	Dhulivandan (Holi 2 <sup>nd</sup> Day)	Thursday	24.03.2016
5.	Good Friday	Friday	25.03.2016
6.	Gudi Padwa	Friday	08.04.2016
7.	Dr. Babasaheb Ambedkar Jayanti	Thursday	14.04.2016
8.	Ram Navmi	Friday	15.04.2016
9.	Mahavir Jayanti	Tuesday	19.04.2016
10.	Buddha Pournima	Saturday	21.05.2016
11.	Ramzan ID (Id-UI-Fitar)	Wednesday	06.07.2016
12.	Independence Day	Monday	15.08.2016
13.	Ganesh Chaturthi	Monday	05.09.2016
14.	Bakri ID	Tuesday	13.09.2016
15.	Anant Chaturdashi	Thursday	15.09.2016
16.	Dasara	Tuesday	11.10.2016
17.	Moharum	Wednesday	12.10.2016
18.	Diwali (Narak Chaturdashi)	Saturday	29.10.2016
19.	Diwali (Balipratipada)	Monday	31.10.2016
20.	Diwali (Bhaubeej)	Tuesday	01.11.2016
21.	Guru Nanak Jayanti	Monday	14.11.2016
22.	Id-E-Milad	Monday	12.12.2016

**Following holidays fall on Sunday.**

<b>Sr. No.</b>	<b>Holiday</b>	<b>Date</b>
1.	Maharashtra Din	01.05.2016
2.	Mahatma Gandhi Jayanti	02.10.2016
3.	Diwali (Laxmi Pujan)	30.10.2016
4.	Christmas	25.12.2016

**Item No. AC-25-15:** To consider and approve the minimum numbers of meetings of each Board of Studies and each Faculty of the Vidyapeeth, during an academic year.

The Vidyapeeth has proposed to fix the minimum numbers of meetings of each Board of Studies and each Faculty of the Vidyapeeth, during an academic year. Accordingly, the matter was discussed in various Boards of Studies and Faculties and was placed before the Academic Council for its consideration.

**Resolution No. AC-25-15:** It was resolved that minimum 2 meetings of each Board of Studies and each Faculty of the Vidyapeeth i.e. one in first term and one in second term to be conducted during an academic year be approved and recommended to the Board of Management.

Considering minimum numbers of meetings in an academic year, the schedule of meetings of various authorities planned in the year 2016 is as follows.

<b>Name of the meeting</b>	<b>Minimum Nos. of meetings in an academic year</b>
Board of Management	<b>04</b>
Academic Council	<b>03</b>
Board of Examinations	<b>02</b>
Finance Committee	<b>02</b>
Committee of Experts	<b>01</b>
Planning and Monitoring Board	<b>01</b>
Faculty	<b>02</b>
Board of Studies	<b>02</b>

Planner of various meetings to be scheduled in the year 2016 is enclosed separately as Appendix - II

**Item No. AC-26-15:** To consider any other item with the consent of the Chair.

At the end, out of discussions, Dr. Sangamnerkar raised the issue of Communication Skill of the students of different disciplines of the Constituent Colleges/Institutes with patients, parents, public at large. In this context, students need orientation on communication skill during completion of their UG/PG degree / diploma programme.

**Resolution No. AC-26-15:** It was resolved that a committee of the following members be constituted to prepare scheme on Communication Skill for the students of Dr. D. Y. Patil Vidyapeeth, Pune.

Sr. No.	Name	Designation
1.	<b>Dr. Arvind Sangamnerkar</b> Director, Colony Nursing Home, Pune	<b>Chairperson</b>
2.	<b>Dr. P. Vatsalaswamy</b> Dean, Dr. D. Y. Patil Medical College, Hospital and Research Centre, Pimpri, Pune	<b>Member</b>
3.	<b>Dr. Deepak Kulkarni</b> Dean, Dr. D. Y. Patil Dental College and Hospital, Pimpri, Pune	<b>Member</b>
4.	<b>Dr. Tushar Palekar</b> Principal, Dr. D. Y. Patil College of Physiotherapy, Pimpri, Pune	<b>Member</b>
5.	<b>Dr. K. S. Jamadar</b> Principal, Dr. D. Y. Patil College of Nursing, Pimpri, Pune	<b>Member</b>
6.	<b>Dr. A. N. Suryakar</b> Registrar, Dr. D. Y. Patil Vidyapeeth, Pune	<b>Member Secretary</b>

The meeting ended with a vote of thanks to the Chair.

(Dr. A. N. Suryakar)  
Registrar

(P. N. Razdan)  
Chairman

Place: Pune.  
Date: 19/12/2015.