

अभ्यासक्रमाचा आवश्यक तो पाठ्यक्रम

SYLLABUS

1)	Course Name	MRI Technician course.			
2)	Paper Title	Anatomy & physiology			
3)	Paper No				
4)	Objectives of Paper	1. To understand basic human parts- 2. To know the location & function 3. of organs in brief. 4. Understanding the system of 5. human body & their function			
5)	Expected out comes from Paper	1. Make the technician to grasp quickly 2. the process & methods 3. To evaluate & analysis skills undergone 4. the systems to initiate correct setups 5. Methods to do procedures in clinical end.			
6)	Content	Unit-1	Anatomy of bones	Hour	400 Hrs
		Unit-2	Physiology of organs	Hour	400 Hrs
		Unit-3		Hour	
		Unit-4		Hour	
		Unit-5		Hour	
7)	Reference Book				


Principal
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1)	Course Name	MRI Technician course.			
2)	Paper Title	Advanced Imaging techniques			
3)	Paper No				
4)	Objectives of Paper	1. To understand from basic to advanced. 2. Technology of Imaging, Implements etc. 3. Skills & Upgrade the knowledge of the 4. Technicians, the high resonance technology 5. Can get better imaging & there uses & indications.			
5)	Expected out comes from Paper	1. To get the highest form of accuracy. 2. Accurate the Diagnostic evaluation by 3. advanced Imaging techniques. 4. Easy to analyse the condition of patients. 5. Clearly by high form of advanced technology			
6)	Content	Unit-1	Patient screening	Hour	200 Hrs
		Unit-2	Patient Monitoring	Hour	200 Hrs
		Unit-3	IV preparation	Hour	200 Hrs
		Unit-4	Scanning procedure	Hour	200 Hrs.
		Unit-5		Hour	
7)	Reference Book				


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SYLLABUS

1)	Course Name	MRI Technician Course.			
2)	Paper Title	Basic fundamental components of MRI			
3)	Paper No				
4)	Objectives of Paper	<ol style="list-style-type: none"> 1. To understand the basic fundamentals of 2. Magnetic Resonance Imaging technique. 3. To know the various parts of the 4. Machine and their Mechanism. 5. To know the Measurement of each. Setup of computer 			
5)	Expected out comes from Paper	<ol style="list-style-type: none"> 1. By basic components technician 2. know how and which part to be used as 3. utilized during MRI, Deep understanding 4. the parts & its functions have technician to 5. implement & capture the image correctly... 			
6)	Content	Unit-1	Patient Screening	Hour	160 Hrs
		Unit-2	Patient monitoring	Hour	160 Hrs
		Unit-3	IV preparation	Hour	160 Hrs
		Unit-4	MRI safety	Hour	160 Hrs
		Unit-5	Contrast media	Hour	160 Hrs
7)	Reference Book				


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SYLLABUS

1)	Course Name	MRI Technician Course		
2)	Paper Title	MRI Imaging hardware and presentation		
3)	Paper No			
4)	Objectives of Paper	<ol style="list-style-type: none"> 1. Very Important to know the MRI Hardware. 2. The various parts represents the various. 3. Sections & presentation of various parts of 4. MRI will help to understand the 5. utility of the MRI machine technology. 		
5)	Expected out comes from Paper	<ol style="list-style-type: none"> 1. By knowing the hardware will 2. enables the technician to identify the 3. accurate methods & procedure of capturing 4. MRI technique/scan, very high outcome 5. of making no-error, which helps for diagnostic 		
6)	Content	Unit-1	Patient Screening	Hour 160 Hrs
		Unit-2	Patient monitoring	Hour 160 Hrs
		Unit-3	MRI safety	Hour 160 Hrs
		Unit-4	Contrast media	Hour 160 Hrs
		Unit-5	IV preparation	Hour 160 Hrs.
7)	Reference Book			

EXAMINATION PATTERN :-

A) Theory Paper Title & Total Mark & Minimum Passing Marks

Sr. No.	Paper Title	Total Marks	Minimum Passing Marks
1	Anatomy & Physiology.	100	40
2.	Basic fundamental and components of MRI	100	40

B) Practical Paper Title, Total Marks & Minimum Passing Marks

Sr. No.	Paper Title	Total Marks	Minimum Passing Marks
1	Advanced Imaging techniques	100	40
2.	MRI Imaging hardware & presentation	100	40

NOTE :-

- 1) 40 hours for each Paper is mandatory
- 2) Minimum 3 Papers requires for Certificate Course including (Theory & Practical)
- 3) Minimum 4 Papers requires for Diploma course including (Theory & Practical)


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