



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Paramedics and Allied Health Sciences**

**Date: 30-09-2023**

**MINUTES OF BOARD OF STUDIES MEETING held on 30-09-2023**

Venue: Department of Radiology

Time: 10:30 am

The Board of Studies (BoS) meeting of School of **Paramedics and Allied Health Sciences** was held on **30-09-2023** at **Department of Radiology** in **Offline** mode. The following are the members:

1. Dr M. Raja Sekhar, MD Alpha Scans & Diagnostics - Subject Expert
2. Dr M L N Acharyulu - Dean SoPAHS
3. Dr. CH. Nooka Raju - HOD
4. Mr. Aasif Lone
5. Mr. Amit Sharma

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department presented the achievements and improvements of the department in the areas of academics, research, consultancy and infrastructure. The Head of the Department also gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders.

The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 25-10-2022 were confirmed.**

**Agenda 2: Discussion and approval on any revision required in the Curriculum of 2023-24**

SUBJECT	CODE & CREDIT (T+P+Pj)	MODIFICATIONS/REMARKS
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<p><b>Basic Radiation Physics</b></p>	<p><b>CUTM1762 (3+0+1)</b></p>	<p><b>Module-4</b> Beam limiting devices, Absorption co-efficient, grids, cones and filter(<b>content is added</b>) <b>Module-6</b> Introduction &amp; Handling of Portable x-ray(<b>content is added</b>)<b>Module-7</b> Radiation safety included, Introduction of Nuclear Medicine <b>is deleted</b></p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>
<p><b>Fundamental Medical imaging</b></p>	<p>CUTM 1763 (3+2+0)</p>	<p><b>Module 1</b> Antia abrasive supercoating; Base material; substratum; coating; emulsion (<b>content is deleted</b>)</p> <p><b>Module 6</b> Advantages and disadvantages of silver recovery.(<b>content is added</b>)</p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>
<p><b>Principles of Radiation Therapy</b></p>	<p>CUTM 2636 (3+1+0)</p>	<p><b>Module 4</b> Introduction and brief history - Computed Tomography, Fluoroscopy, mammography. Interventional Radiology, DEXA, Ultrasound, Doppler, Magnetic Resonance imaging, PET CT, PET MRI, Gamma camera (<b>content is added</b>)</p> <p><b>Module 7</b> Tele-Radiology is added Cryogenic Surgery <b>is deleted</b></p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>

<p><b>Applied Radiation Physics &amp; Radiation Protection</b></p>	<p>CUTM 2637 (3+0+1)</p>	<p><b>Module 3</b> Radionuclides and Artificial radionuclide generator employed in medicine in general or radiotherapy. Law of Radioactivity(<b>content is added</b>)</p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>
<p><b>Radiographic technique -1</b></p>	<p>CUTM 2638 (3+2+0)</p>	<p><b>Module 2</b> CBCT (Cone beam computer tomography) is <b>Added</b></p> <p><b>Module 4</b> Pelvic girdle, AP Pelvis, Frog Lateral, AP axial for pelvic outlet, Burman and Folio method, ulnar deviation projection, Carpal tunnel view, Ball catcher's view, mortise view Foot- AP,LAT. <b>Cervical spine</b> - Related radiological anatomy, Basic projection- AP open mouth (C1 and C2) , AP axial, Oblique, Lateral, Erect, Trauma lateral(horizontal beam), Cervicothoracic junction (swimmers view),Special views, Lateral-hyperflexion and hyperextension, AP (fuchs method) or PA (judd method),AP wagging jaw (ottonello method),AP axial (pillars) (<b>content is added</b>)</p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>

<p><b>Applied Equipment of Radio Diagnosis</b></p>	<p>CUTM 2639 (3+0+1)</p>	<p><b>Module 1</b> Introduction of Contrast media is <b>added</b></p> <p><b>Module 3</b> Digital subtraction Angiography (DSA) is <b>deleted</b></p> <p><b>Module 5</b> <b>MRI</b> concept is also <b>added</b> Sialography, Dacrocystography, Sinogram, Fistulogram, patient preparation for FNAC ,Biopsy with its technique (<b>content is added</b>)</p> <p><b>Module 6</b> Cobalt -60 is <b>added</b></p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>
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<p><b>Radiographic Technique-2</b></p>	<p>CUTM 1772 (3+2+0)</p>	<p><b>Module 4</b> Double contrast study, perforation during routine procedures, adverse reaction of barium is <b>added</b></p> <p><b>Module 7</b> Sonosalpingography, 3D-Ultrasonography, Follicular monitoring is <b>added</b> Central nervous system: Myelography, Other: Sialography, Myelography, contrast media used in myelogram with its advantages, complications of myelogram, ERCP/ PTBD, PTC, T – tube cholangiography(<b>Content is deleted</b>)</p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>
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<p><b>Physics of CT &amp; MRI</b></p>	<p>CUTM 2640 (3+0+1)</p>	<p><b>Module 1</b> History of CT Scan is <b>added</b></p> <p><b>Module 2</b> Matrix is <b>added</b></p> <p><b>Module 3</b> DWI is <b>added</b></p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>
<p><b>Interventional Radiology&amp;Drugs used in Diagnostic Radiology</b></p> <p><b>used</b></p> <p><b>in Diagnostic Radiology</b></p> <p><b>Drugs used</b></p> <p><b>in Diagnostic Radiology</b></p> <p><b>Radiology&amp; Drugs used</b></p> <p><b>in Diagnostic Radiology</b></p> <p><b>Radiology&amp; Drugs used</b></p> <p><b>in Diagnostic Radiology</b></p>	<p>CUTM 1774 (3+2+0)</p>	<p><b>Module 1</b> Need for interventional procedures, Informed consent, patient care, patient preparation, Patient monitoring, role of technologist in interventional procedure, method of administration of contraindication, contrast reaction management, emergency crash cart (<b>content is added</b>)</p> <p><b>Module 2</b> Single and biplane angiographic equipment, Angiographic Table, Image intensifier, Flat panel detector, electromechanical injectors(<b>content is added</b>)</p> <p><b>Module 6</b> regional and local anaesthesia and its types, sedation and its types, cryoablation (<b>content is added</b>)</p> <p>CT – Cisternography. intravenous embolic agents, , vertebroplasty and phlebography (<b>content is deleted</b>)</p> <p><b>(MODIFICATIONS IN MODULE CONTENTS)</b></p>

Based on the presentation on feedback on curriculum by the various stakeholders, the Board accepted and approved the above few suggestions for course revision to be implemented from the Academic Year 2023-24.

As per the suggestion and direction given by the subject expert, the subject entitled “**Radiotherapy & Brachy -Therapy Technology in Malignant and non-Malignant Diseases**” with subject code **CUTM1771** is exempted from the syllabus as it is more related to Radiotherapy which is not required at the level of graduation.

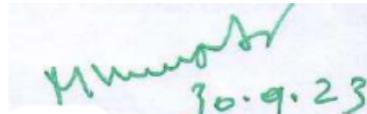
***Agenda 3: Inclusion of courses on life skills and value addition***

It was suggested that the students take up the various courses offered by the University in the areas of life skills and value addition for their overall improvement and wellbeing. The same was agreed upon and approved by the Board of members (Annexure B)

***Agenda 4: Any other item with due permission of the chair***

The Dean/Head of the Department extended sincere thanks to the subject expert and all the members of the Board.

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

A handwritten signature in green ink, followed by the date "30.9.23" also in green ink.

**DEAN**

**School of Paramedics and Allied Health Sciences**