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DAYANANDA SAGAR
UNIVERSITY

COLLEGE OF ALLIED HEALTH SCIENCES

DAYANANDA SAGAR UNIVERSITY

Proceedings of the BOS Meeting for Allied Health Sciences

A Meeting of the BOS for Allied Health Sciences was held on 12th December 2023.

Venue:

Board Room
6th Floor, Dental Block,
Dayananda Sagar University
Kumaraswamy Layout
Bangalore — 560078

Agenda for the Meeting:

1. Approval of scheme, syllabus and curriculum for 2nd and 3rd year CCT program
2. Approval of revised syllabus of existing MIT program
3. Approval of Remedial internal assessment for supplementary exams
4. Tutorial sessions to include problem solving exercises
5. Introduction of choice-based credit system
6. Modification in regulations UG 6.3 & 6.7
7. Modification in regulations UG 12.5
8. Any other matter

The following members attended the meeting:

1. Dr. Pushpa Sarkar, Dean, School of Health Sciences Dayananda Sagar University, Bengaluru.
2. Dr. Nandan T.M, Principal, College of Allied Health Sciences, Dayananda Sagar University, Bengaluru.
3. Dr. Umashankar Subramanian, Public Health Information specialist, Bengaluru.
4. Dr. Yogitha R. Prof & HOD, Dept of Anatomy St. Johns Medical College, Bengaluru.
5. Dr. Sandhya, Professor, Dept of Anesthesiology, Superspeciality Hospital, Bangalore Medical College and Research Institute, Bengaluru.
6. Dr. Swarna Shivakumar, Lab Director and Senior Consultant Apollo Hospitals, Bannerghatta Road, Bengaluru.
7. Dr. Anil Kumar, Professor & HOD of General Medicine, CDSIMER, Bengaluru.
8. Mrs. Padmaja, Lecturer, Medical Imaging Technology CAHS, DSU, Bengaluru.
9. Ms. Priyanka N, Student, CAHS, DSU, Bengaluru.

The agenda was taken up for discussion.



Approval of scheme, syllabus and curriculum for 2nd and 3rd year CCT Program

The course matrix, syllabus and curriculum for the 2nd and 3rd year B. Sc AHS Cardiac Care Technology program were discussed in detail and approved.

Approval of revised syllabus of existing MIT program

Incorporating topics on quality assurance, patient safety and practical aspects in handling diagnostic equipment used in Radiodiagnosis were taken up for discussion. It was highlighted that those areas require early training initiatives and would aid in efficient healthcare delivery. The committee approved the revised syllabus for the MIT program.

Approval of remedial internal assessment for supplementary exams

As the existing CIA scheme had not addressed the issue of low internal assessment scores among failed students in a particular annual summative examination, the issue was deliberated upon to align with the existing provision among the rest of the colleges of DSU and was hence approved to extend the same to the students of allied health sciences. Accordingly, it was decided to permit such students to take up an additional remedial internal assessment before their supplementary examination with an advantage to retain the better score.

Tutorial sessions to include problem solving exercises

The committee approved the introduction of problem-solving exercises during the dedicated tutorial classes consistent with the NAAC operational guidelines.

Introduction of choice-based credit system

After due deliberations regarding the introduction of choice-based credit system in the syllabi and curricula for the allied health programs, it was agreed to wait till the impending establishment of the Karnataka State Council and the issuance of the regulations as per the provisions of the recently ratified National Commission for Allied and Healthcare Professions Act 2021.

Modification in regulations UG 6.3 & 6.7

It was discussed and approved to allow the students to change over to another program after clearing the first-year courses, not necessarily in their first attempt. Accordingly, the following change in the regulations clause, UG 6.3 needs to be affected from:

COURSE CODE - 21RI3303
RECENT ADVANCES IN DIAGNOSTIC RADIOLOGY

Unit No.	Topics	No. of Hours	Mode of teaching
1.	Introduction to the subject	3	Lecture Discussion Presentation
2.	Computed Tomography Photon counting CT • Introduction • Procedure • Advantages over conventional CT	5	Lecture Discussion Presentation
3.	CT-Guided Procedures • Introduction • Types • Invasive • Non-invasive • Diagnostic procedures • Therapeutic procedures	5	Lecture Discussion Presentation
4.	Spectral Imaging Introduction to spectral CT imaging	3	Lecture Discussion Presentation
5.	Cold Cathode x ray tube –CT	2	Lecture Discussion Presentation

Amrinder

6.	Magnetic resonance imaging Vascular and cardiac imaging • Introduction • Conventional vascular imaging techniques • MRA • Perfusion and diffusion imaging • Cardiac imaging • Peripheral gating • Pseudo-gating • Multi-phase cardiac imaging • Cine • SPAMM	15	Lecture Discussion Presentation
7.	Advanced imaging techniques • Introduction • High speed gradient system • Developments in fast spin echo • Developments in gradient echo • Applications of echo planar imaging • Spectroscopy • Diffusion imaging • Perfusion imaging • Functional imaging • Interventional MRI	12	Lecture Discussion Presentation
8.	Ultrasound 3D Ultrasound • Introduction • Applications of 3d USG • Advantages • disadvantages	3	Lecture Discussion Presentation
9.	4D Ultrasound • Introduction • Applications of 4d USG • Advantages • disadvantages	3	Lecture Discussion Presentation
10.	Endobronchial ultrasound • Introduction • Procedure • Advantages	3	Lecture Discussion Presentation
11	Cranial ultrasound • Introduction • Procedure • Advantages	3	Lecture Discussion Presentation

12	- Recent advances in Ultrasound transducer - Specification - Applications of each type - Advantages	3	Lecture Discussion Presentation
13	3d Breast tomosynthesis Diagnostic & therapeutic procedures of breast	4	Lecture Discussion Presentation
14	DEXA (Dual Energy X-ray Absorptiometry) - Introduction - Principle - Advancement - Application	3	Lecture Discussion Presentation
15	Fusion Imaging - PET-CT - PET-MRI	8	Lecture Discussion Presentation