

Dr. JHANSI CHARLES, M.D.,
REGISTRAR.

Lr.No.DME&CD(1)/54321/2014

Dated: 17.02.2014

To
All the Principal Allied Health Science –
U.G. Courses Affiliated to this University.

Sir/ Madam,

Sub:	DME&CD - T.N. Dr. M.G.R. Medical University, Chennai - Recommendation of the 49 th Meeting of the Standing Academic Board held on 07.01.2015 - Communicated - Regarding.
Ref:	1. Minutes of the Meeting of the Board of Studies in U.G. Allied Health Science Course Programme held on 17.12.2014. 2. Extract of the Minutes of the Meeting of the 49 th Standing Academic Board held on 07.01.2015. 3. Copy of Resolution No.39 passed at the 233 rd Governing Council Meeting held on 22.01.2015.

I am to inform that the Board of Studies in Allied Health Science (UG and Dip Courses) was held on 17.12.2014 have discussed various academic matters. The recommendations of the Board of Studies were placed in the 49th Meeting of the Standing Academic Board held on 07-01-2015 and the same was approved in Resolution No.39, of the 233rd meeting of the Governing Council held on 22.01.2015. The decision of the University is as follows:

TO DISCUSS AND DECIDE ABOUT THE FEE STRUCTURE AND THE MAXIMUM DURATION TO BE ALLOWED BEYOND THE SCHEME OF DOUBLE THE DURATION OF STUDY IN UNDERGRADUATE / POSTGRADUATE COURSES .

“Resolved to refer the issue to the **Examination Reforms Committee to fix the fee** on a year basis for candidates who have not completed the course of study within double the duration and applying beyond the period of double the duration.

It was further resolved to permit the candidates who have crossed Double the duration in their course of study to appear for the examinations after collecting the prescribed fees. The students should follow the existing scheme while appearing for examination.

Further, it was resolved to write a letter to the respective Central Councils of the

concerned courses for clarification about the implementation of double the duration scheme.

TO DISCUSS AND DECIDE ON THE REQUEST OF THE SECRETARY, UNIVERSITY GRANTS COMMISSION, NEW DELHI REGARDING COMPULSORY IMPLEMENTATION OF SIX MONTH CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES FOR ALL UNDER GRADUATE COURSES.

Resolved to address the respective regulatory authorities regarding the compulsory implementation of six months core module syllabus on Environmental Studies for all under graduate courses.

TO DISCUSS AND DECIDE ON THE ERRORS OCCURED IN EVALUATION OF THEORY PAPERS AT THE UNIVERSITY AND PUNITIVE MEASURES FOR THE ERRORS.

Resolved to implement the following corrective/punitive measures on the evaluators of theory papers for effective evaluation of answer sheets of the candidates. It is further resolved to circulate this to all the affiliated institutions and to place in the University website under "Corrective Measures for Paper Evaluators".

S.No	Evaluation error Committed	Penalty suggested
1	Error in evaluation for the first time	The evaluation remuneration for that particular session shall be forfeited
2	Error in evaluation for the second time	Evaluation remuneration for the session shall be forfeited and the evaluator is debarred for three subsequent examination sessions including UG and PG
3	Error in evaluation for the third time	The evaluator will forfeit the remuneration for that particular examination session and will be permanently debarred from the evaluation process of this university

This will be implemented from February 2015 examination onwards.

TO DISCUSS AND DECIDE ON THE INSTRUCTIONS ABOUT ENTRY OF INTERNAL ASSESSMENT MARKS AND THE ATTENDANCE ONLINE BY THE INSTITUTIONS.

It was Resolved that the on-line entry of the IA & Ptactical marks once entered and submitted will not be corrected from August 2015 exam session. However the Principals / Head of the Institutions can be called for session for updating the same.

TO DISCUSS ON THE REQUEST OF THE STUDENTS FROM SRI GOKULAM PARAMEDICAL SCIENCE COLLEGE, SALEM WITH REGARD TO EXTENSION OF STUDY PERIOD FROM 3 YEARS TO 4 YEARS (3 YEAR STUDY PERIOD AND 1 YEAR

INTSERNSHIP PERIOD) FOR B.Sc. CRITICAL CARE TECHNOLOGY COURSE UNDER ALLIED HEALTH SCIENCES.

It was resolved to approve the request of the students from Sri Gokulam Paramedical Science College, Salem with regard to extension of study period from 3 years to 4 years for B.Sc. Critical Care Technology course under Allied Health Sciences, since there is No Regulatory Council. This will be implemented from the academic year 2015-16 admission onwards.

TO CONSIDER THE REQUEST OF THE MANAGING TRUSTEE, KMC INSTITUTE OF PARAMEDICAL SCIENCES, TRICHY WITH REGARD TO LATERAL ENTRY OF STUDENTS IN B.Sc. MEDICAL LABORATORY TECHNOLOGY COURSE ON PAR WITH B.Sc. RADIOLOGY AND IMAGING TECHNOLOGY.

It was resolved that the candidates who have completed diploma in the relevant subject with basic qualification 10+2 only are eligible for Lateral Entry scheme of admission to B.Sc. Medical Laboratory Technology Course (i.e. exempted from undergoing the first year and eligible for admission directly into 2nd year)

TO DISCUSS AND DECIDE THE RECOMMENDATIONS OF THE EXPERT COMMITTEE FOR VARIOUS UG/PG DEGREE COURSES UNDER ALLIED HEALTH SEICENCES.

It was resolved to approve the recommendations of the Board of Studies which is as follows :

BSc - DT II year practicals has to be done on procedural skills.

Practicals can be conducted to the subject relevant to II year.

Practical - 50 Marks viva - 50 Makes

Practicals should include the following:

Case Discussion/Flash card /Spotters/Charts/Instruments/Specimens
(wherever it is applicable)

Nutrition-Planning diets including renal diet has been removed- that has to be include it back.

a) Nutrition - Planning diets has not been removed from the syllabus.

Public Nutrition can be moved to Ist year.

b) Public Nutrition already included in the I year syllabus. Hence, No change is required.

CPPT-Anti hypertensive drugs to be added.

c) Accepted to add all Anti Hypertensive drugs in the syllabus.

General microbial can be added.

d) Already included in the General Microbiology syllabus. Hence, No change is required.

In Pharmaceutical management dosage forms can be removed.

e) Not approved. Pharmaceutical Management dosage forms is very much important and necessary. Hence, this cannot be removed.

In MSC CN medical & food Microbiology, food adulteration to be excluded which is not relevant.

f) Not approved.

MSc MS- For Anatomy detailed syllabus to be given.

g) In Anatomy syllabus all systems of Anatomy will be included.

MBA:

Research Methodology can be combined along with Biostatistics paper.

h) Approved.

Operational research unit can be removed and HR can be combined to Biostatistics.

I) Not approved. Existing system to be followed.

I MSc – CN

Applied Physiology

Portions to be deleted

Theories of ageing

History of milestones of blood

Antibody mediated immune system

Cell mediated immune system

Regulation of respiration

Internal respiration

Respiratory adjustments

Neurotransmitter and neuromodulators

The fate of the Neurotransmitter

How the signals are conveyed to the CNS.

Descending fibres of the sensory system.

Electroencephalogram

Optics of vision

Beyond the eye

j) Not approved.

Biostatistics

Unit No7,8,9 has same content about Data collection. So this has been a repetition and some can be clumped/rearranged.

k) Not approved.

Principles of food science

Unit 2: Changes in food during cooking

2.3 Browning reaction is repeated in Unit 5–Vegetables and fruits in 5.3 which can be removed.

2.3 can be removed and 5.3 will be retained.

Addition of practical's for food sciences will be beneficial to the students.

Sensory evaluation, Browning reactions, foam formation, neat cookery, stages of sugar can be done for university exam also.

Public Nutrition of II year can be moved to I year because students has to do practicals, Projects has to be completed , they have to visit NGO etc.

l) Not approved.

MBA- Hospital and Health Care Management:

MBA-I Year

Subject:- Management principles in Health care organization”

Existing Syllabus- Unit VII, VIII, IX.

The above units are repeated in the subject Quality assurance [MBA-II year]

Recommended- To remove these units from the subject- Management Principles in Health Care Organization in MBAI Year.

Subject: Biostatistics and Operational Research

Existing syllabus- Unit V.

The above mentioned unit V is completely related to Human Resource Management.

Recommended: To remove this unit V and to be included in the subject “ Human Resource Management in MBA- I year.

Marketing (I year) and Service Marketing (II year)

The above subjects can be clubed and to be included in MBA- II year because both are related subjects and some of the topics are similar in both the subjects.

Pharmaceutical Management of MBA- II year has to be deleted because pharmacy is included in MBA- I Year subject “ organization of Health care Units”. In Pharmaceutical Management is more focused on preparation of tablets and syrups which is not relevant to management.

Computer application is added with Hospital Information System because both are more related and similar.

m) Approved.

Research Methodology to be included in MBA I Year because in the beginning of II year students stats doing dissertation. So only if they read in I year they will be able to apply in the II year.

- Not Approved -

M.Sc Medical Lab Technology

Hematology & Clinical Pathology no separate syllabus for practical's. Separate syllabus to be added.

n) Not approved.

(Bacteriology/Immunology/Parasitology)- No exam scheme is given

Practical - 50 Marks & viva - 50 Marks

Practical - Bacteriology - 20 Marks

Immunology - 20 Marks

Parasitology - 10 Marks

Practical shall include the following:

Case Discussion/Practicals/Flash card/Spotters/Charts/Instruments/Spimens

(wherever it is applicable)

Eligibility for guides of dissertation is not mentioned.

Eligibility for examiner is applicable to guide also.

B.Sc Physician Assistant

Pathology can be incorporated in the PA syllabus.

Approved and will be implemented from the Academic Year 2015-16 admission onwards.

B.Sc Dialysis Technology

Planning Diets including Renal Diet has been removed in the new syllabus. It has to be included back as it is very essential for the DT students to know about the diet for renal disease patients.

o) Nutrition Planning Diets has not been removed from the syllabus.

DT- Pharmacology - Add "Introduction to basic drug effects"

Approved. Introduction to basic drugs effects can be included in DT - Pharmacology

B.Sc Cardio Pulmonary and Perfusion Care Technology:

In Pharmacology antihypertensive drugs has to be added.

Accepted to add all Anti Hypertensive Drugs in the syllabus.

DT (Physiology practical to be excluded)

Posture on vital capacity

ECG Measurement

Renal function test

Function of saliva, gastric juice, pancreatic juice.

p) Not approved.

In 1st year B.Sc. Medical Laboratory Technology, Sociology & Psychology Paper which was mentioned as internal only - whether included in the course curriculum or not because the internal marks for Sociology & Psychology for 2013-2014 batch was not asked, while entering the marks on - online Internal Mark Assessment.

Approved. The above will be included in the TMR.

In 2nd year B.Sc. Medical Laboratory Technology, the syllabus for Microbiology I & Parasitology and Entomology was not clearly given (Only a Part Microbiology - I alone was mentioned)

Approved. Detailed syllabus will be given.

Common Recommendations Applicable for all the Allied Health Science Courses.

Lateral Entry:

Lateral may be introduced for the candidates those who have completed Diploma/ PG Diploma in the respective discipline, Our University is offering Lateral entry only for B.Sc Radiology and Imaging Technology.

The Same regulation may be considered for **all the other UG Allied Health Science Courses especially for**

a) B.Sc (Operation Theatre And Anesthesia Technology)

b) B.Sc (Respiratory Therapy)

Lateral Entry shall be introduced for the candidates who have internship one year along with their 3 years Regular courses. i.e. Total duration of the course should be 4 years.

It was resolved that the Lateral Entry shall be permitted for the candidates of B.Sc. (Operation Theatre and Anesthesia Technology) and B.Sc. (Respiratory Therapy) course who have completed Diploma in the Relevant subject with Basic Qualification of 10+2.

It was also resolved that Lateral Entry shall be introduced for the candidates who have internship one year along with their 3 years Regular courses i.e. Total duration of the course should be 4 years for all the Allied Health science courses.

It was resolved to implement the Practical Examination pattern for all the subjects in Allied Health Courses.

To maintain uniformity, total of 100 marks shall be awarded for the Practicals including viva in All Allied Health Courses (UG)

Practical – 50 Marks

Viva – 50 Marks

Practicals should include the following:

Case Discussion/Flash Card/Spotters/Chart/Instruments/Specimens (wherever it is applicable)

PG courses may be introduced in all the disciplines of Allied Health Science Courses only after the particular institution completed their three batches of UG Course.

Internship may be introduced along with 3 years regular courses. The maximum duration of the internship may be one year. Total duration of the course may be four years. This will be implemented from the Academic year 2015–16 for all the U.G. Allied Health courses.

2. Framing Practical Examination pattern / model:

Practical examination pattern/model may be specified, especially for the subject of Physiology, Biochemistry, Pathology, Pharmacology, Microbiology and other Subjects in various Allied Health Courses.

Examination pattern for all the subjects in Allied Health Courses
Practical – 50 Marks Viva – 50 Marks

Practicals should include the following:

Case Discussion/Flash card /Spotters/Charts/Instruments/Specimens (wherever it is applicable)

Introducing PG courses

PG Courses may be introduced in all the disciplines of Allied Health Science Courses

PG Courses can be introduced only after the particular institution completed their three batches of UG Course.

a) Introducing Internship

Internship may be introduced along with 3 years regular courses, the maximum duration of the internship may be 1 year. Total duration of the Course may be 4 years.

This will be implemented from the Academic year 2015–16 for all the U.G. **Allied Health Courses.**

Recommendations for individual Courses

1. B.Sc (Physician Assistant):

1. II year Subjects- Microbiology and pharmacology may shifted to first year as single paper.

Not approved. Existing pattern to be followed.

2. II year Subjects - Paediatrics and OBG may be framed as single Paper.

Clarification may be obtained from the Institution regarding the disadvantages of the Existing pattern and the advantages of combining the subjects. **At present the existing system to be followed.**

2. B.Sc (Cardio Pulmonary Perfusion Care Technology):

1. III year syllabus - Sterile Techniques, CSSD procedures and II year Microbiology is Overlapping, it may be avoided.

1. Sterile Techniques, CSSD Procedures and II year Microbiology is required in the III year syllabus.

The following portions to be included in III year

1. Cannulation techniques
2. Paediatric and neonatal perfusion
3. DHCA & Retrograde , Antegrade cerebral perfusion
4. Extra corporeal membrane oxygenation
5. Special procedures - Pregnancy, aneurysm, blood disorders
6. CPB in heart, lung, liver transplant
7. Minimally invasive cardiac surgery & Perfusionist
8. Miniaturized extra corporeal circulation
9. Hemoconcentration -CUF & MUF
10. CPB in non-cardiac procedures
11. Importance of coated oxygenators, specifications of different oxygenators
12. Anticoagulation in CPB platelet aggregation, platelet dysfunction
13. Recent advances in perfusion techniques
14. Equipments, its working principles & its specifications – Heart Lung machine, Hemotherm, IABP, ACT machine

This is not approved. The existing syllabus to be followed.

3. B.Sc. (Radiology Imaging Technology)

1. In III year Syllabus, The subjects - Modern Imaging Techniques and Recent Trends in Imaging and Quality Control in radiology given in single sentence. It may be elaborated in detail.

2. Not approved. Existing pattern to be followed.

II year Subject- Clinical Radiography positioning may include practical examination also.

- **Already included in the syllabus.**

4. B.Sc. (Nuclear Medicine Technology)

1. I year Syllabus included Image Processing techniques, it may be shifted to III year.

Not approved. Existing system to be followed.

2. The following experiments may be allotted according to the subjects in I/II/III years syllabus.

Practical Experiments

3. Half value layer of Beta and Gamma Emitters
4. Determination of half life of given radionuclide

- 5.Elution of ^{99m}Tc from $^{99\text{MO}}$ - ^{99m}Tc Generators
- 6.Dose Calibrator – Accuracy, Precision and Linearity
- 7.Formulation of radiopharmaceuticals
- 8.Radiochemical purity of radiopharmaceuticals
- 9.Effect of Distance and Shielding on Intensity of Radiation from the given source
- 10.Radiation Safety – Area Monitoring and Contamination swipe test
- 11.GM tube experiments – Plateau, Operating Voltage and Dead time
- 12.Resolution of Half lives from a mixture of radionuclides
- 13.Gamma Ray Spectrometer calibration
- 14.Identification of Unknown radiotracer
- 15.Uptake study with probe
- 16.Iso response curve – Flat field collimator
- 17.Isotope Dilution Principle
- 18.In vitro sample measurements – counting statistics and sample volume effect
- 19.QC of Imaging Equipment – Gamma Camera – SPECT CT (Demo)
- 20.QC of Imaging Equipment – PET CT (Demo)
- 21.Liquid Scintillation Counting (Demo)
- 22.RIA and IRMA (Demo)

Not approved. Existing system to be followed.

5. B.Sc (Respiratory Therapy)

1. I year Bio Statistics and Bio- physics Practical & Viva examination may be eliminated, because of conducting practical examination in statistics not required like pure statistician.

In first year, Biostatistics Practicals can be eliminated and Bio Physics Practicals can be retained.

6. B.Sc (Operation Theatre & Anaesthesia Technology)

1. I year Anatomy syllabus must include Anatomy of Digestive System and nervous System, because those aspects are very important for Anesthetic Technician.

In I year Anatomy syllabus, all systems of Anatomy can be included.

I year University Examination pattern included the English and Computer Science as a university conducting Theory paper. Since it is considered as ancillary subjects, may be reconsidered as a Internal Papers.

Not approved. Existing system to be followed.

7. B.Sc (Cardiac Technology)

1. There are 5 subjects in the I year syllabus and its seems to be too heavy for the I year

students, so it can be shifted to II year or all the subjects may be reshuffled accordingly.

Not approved. Existing system to be followed.

REPRESENTATION RECEIVED FROM DR. D. RANGANATHAN, DIRECTOR AND HEAD, INSTITUTE OF THORACIC MEDICINE, MADRAS MEDICAL COLLEGE, CHENNAI.

It was resolved not to approve the suggestion of Renaming B.Sc. Respiratory Therapy as B.Sc. Pulmonary Critical Care and Sleep Breathing Disorders and decided to continue with the existing Nomenclature i.e. B.Sc. Respiratory Therapy.

TO MAINTAIN UNIFORMITY, TOTAL OF 100 MARKS SHALL BE AWARDED FOR THE PRACTICALS INCLUDING VIVA IN ALL ALLIED HEALTH COURSES (UG)

It was resolved that the Practicals should include the following:

Case Discussion/Flash card /Spotters/Charts/Instruments/Specimens (wherever it is applicable)

TO DECIDE ON THE LETTER RECEIVED FROM HEALTH AND FAMILY WELFARE DEPARTMENT AND DIRECTOR OF MEDICAL EDUCATION FOR THE REMARKS ON THE REQUEST OF MR. S. VENKATRAMAN, TIRUNELVELI TO INCLUDE RADIOLOGY TECHNOLOGIST AND QUALIFIED INDIVIDUALS AS TEACHERS AND FACULTY IN THE B.Sc. RADIOLOGY AND IMAGING TECHNOLOGY COURSE GUIDELINES AND FRAMEWORK NOTIFICATIONS.

It was resolved that the above course is not recognised by AERB yet and requested to write to AERB for course recognition.

It was also resolved that the three groups of teachers in radiology teaching - namely radiologists, medical radiation physicists & radiology technologists with AERB approved qualifications and with teaching experience as per this university regulations are to be considered in giving suggestions.

TO DECIDE ON THE REQUEST OF THE PROF. DR. C. AMARNATH, PROFESSOR AND HEAD OF RADIODIAGNOSIS, GOVERNMENT STANLEY MEDICAL COLLEGE, CHENNAI REGARDING SOME CHANGES IN THE AFFILIATION REQUIREMENT FOR THE COURSE DIPLOMA / B.Sc. (RADIOLOGY AND IMAGING TECHNOLOGY)

Prof. Dr. C. Amarnath, Professor and Head of Radiodiagnosis, SMC, Chennai has requested this University to consider the following in the affiliation requirement (Guidelines) for B.Sc. Radiology and Imaging Technology course as follows:

1. Diploma / B.Sc. (Radiology Imaging Technology):

Existing norms of maximum 20 seats to be maintained.

THE BOARD APPROVED TO FOLLOW THE EXISTING NORMS.

Affiliation and seats may be allotted on the basis of

For each MD / DNB QUALIFIED RADIOLOGIST WITH 5 YEARS OF EXPERIENCE -
5 SEATS.

THE BOARD NOT APPROVED THE REQUEST OF APPOINTING ONE MEDICAL RADIOLOGY TEACHER OF M.D. QUALIFICATION WITH 5 YEARS OF TEACHING EXPERIENCE FOR EVERY 5 PARAMEDICAL STUDENTS.

BUT INSTEAD THE BOARD SUGGESTED THAT APART FROM THE COURSE DIRECTOR WHO MUST BE A RADIOLOGIST - THE INSTITUTES / CENTRES CONDUCTING THE COURSES SHOULD HAVE ONE PARAMEDICAL TUTOR FOR EVERY 5 STUDENTS.

2. Conducting a course with more than 10 seats - one B.Sc. (Radiology Imaging Technology) tutor is required.

THE BOARD APPROVED THE ABOVE REQUEST BUT INSISTED THAT THE FACULTY FOR TEACHING RADIOLOGY SUBJECTS MUST BE AERB APPROVED PERSONNEL WITH UNIVERSITY PRESCRIBED TEACHING EXPERIENCE ACQUIRED FROM AERB RECOGNIZED TEACHING INSTITUTES ONLY.

3. Requirement of Medical Gastroenterologist, Orthopaedician, Neurologist - should be deleted.

THE BOARD NOT APPROVED THE ABOVE REQUEST AND SUGGESTED THAT ATLEAST PART TIME MEDICAL GASTROENTEROLOGIST, ORTHOPAEDICIAN AND NEUROLOGIST etc AS PER EXISTING UNIVERSITY NORMS ARE REQUIRED FOR THE COURSE B.Sc. RADIOLOGY AND IMAGING TECHNOLOGY COURSE. IF THESE SPECIALISTS ARE NOT AVAILABLE BY APPOINTMENT IN THE CENTRE / INSTITUTE CONDUCTING THE COURSE, ATLEAST MINIMUM THREE GUEST LECTURERS SHOULD BE GIVEN PER YEAR BY THESE SPECIALISTS.
RECOMMENDATIONS OF THE EXPERT COMMITTEE FOR VARIOUS UG DEGREE COURSES UNDER ALLIED HEALTH SCIENCES

It was resolved to approve the recommendations of the Board of Studies which is as follows :

B.Sc. Physician Assistant
B.Sc. Cardiac Technology
B.Sc. Medical Sociology
B.Sc. Cardio Pulmonary Perfusion Technology
B.Sc. Dialysis Technology
B.Sc. Operation Theatre and Anesthesia Technology

1. B.SC. Physician Assistant

PRESENT STATUS : First year – Subject 3 Unit 3 -
Biochemistry Metabolism in short-
carbohydrate, Proteins and Lipids. This
is a vast chapter and cannot be covered
in very short Duration.

RECOMMENDATIONS : This can be removed and can be replaced with
“Overview Of Metabolism”.

EXPERT COMMITTEE OPINION : NOT APPROVED.

EXISTING SYSTEM TO BE FOLLOWED.

2.B.SC. Physician Assistant

PRESENT STATUS : First Year - Pathology Paper not existing.
Pathology is taught to students of B.Sc.
OTAT/CPPT/DT/CT but it is not taught in
B.Sc. P.A.

RECOMMENDATIONS : General Pathology which is the syllabus of
OTAT can be included for the B.Sc. PA also.

EXPERT OPINION : **APPROVED AND WILL BE MPLEMENTED
FROM THE ACADEMIC YEAR 2015–2016
ONWARDS.**

3.B.Sc. Physician Assistant

PRESENT STATUS : III year Paper I Unit - 4 Medicine/
Pharmacology Medical Ethics is included
but there is no Syllabus. Medical Ethics
is only mentioned as one word in Unit 4 of
Medicine and Pharmacology.

RECOMMENDATIONS : To add syllabus for Medical Ethics. Recommend
the syllabus of Medical Ethics in B.Sc. OTAT to
be included.

**EXPERT OPINION: APPROVED AND FOLLOWING MEDICAL
ETHICS TOPICS TO BE INCLUDED AND
THIS WILL BE IMPLEMENTED FROM THE
ACADEMIC YEAR 2015–16 ADMISSIONS
ONWARDS.**

Medical Ethics - Definition Goal - Scope
Code of Conduct - Introduction
Basic Principles of Medical Ethics - Confidentiality
Malpractice and Negligence - Rational and Irrational drug therapy
Autonomy and informed consent - Right of patients
Care of the terminally ill - Euthanasia
Organ Transplantation
Medico legal aspects of medical records - Medico legal case and type - Records and document related to MLC - ownership of medical records- Confidentiality Privilege communication - Release of medical information - Unauthorized disclosure - retention of medical records - other various aspects.

4.B.Sc.Cardiac Technology

PRESENT STATUS : First Year - Microbiology and Pathology Microbiology is mentioned along with Pathology only as subject title but there is No syllabus given on Microbiology.

RECOMMENDATIONS : To add one unit for Microbiology.

EXPERT OPINION : **NOT APPROVED. EXISTING SYSTEM TO BE FOLLOWED.**

5.B.Sc. Cardiac Technology

PRESENT STATUS : First Year Paper III - Pathology. There are many subjects in the first year syllabus.

RECOMMENDATIONS : Pathology can be shifted to the second year.

EXPERT OPINION : **NOT APPROVED. EXISTING SYSTEM TO BE FOLLOWED.**

6.B.Sc. Medical Sociology

PRESENT STATUS : First Year - Paper I Anatomy & Physiology Practical syllabus not mentioned

RECOMMENDATIONS : To indicate practical syllabus for Anatomy and Physiology. Anatomy-Identification of bones, skull, vertebral column, Thoracic cage, upper limb and lower limb. To identify through charts and models - all organs of the Body relevant to the theory syllabus. Physiology - BP Recording, Pulse, Hb%, PCV, S.P. Gravity, Blood grouping, Bleeding time, clotting time, Microscopes and its parts.

**EXPERT OPINION : APPROVED AND THIS WILL BE IMPLEMENTED
FROM THE ACADEMIC YEAR 2015-16 ADMISSION
ONWARDS.**

7.B.Sc . Cardio Pulmonary Perfusion Technology

PRESENT STATUS : Second Year - Paper I - Microbiology
Pharmacology, Pathology & clinical Microbiology.
No practicals in the syllabus.

RECOMMENDATIONS : Separate syllabus for practicals is required
for Microbiology and Pharmacology.
Pharmacology Identification of Drugs, Case
Study on
1) Toxic Drugs (2) Emergency Drugs(3) OTC Drugs
(4) Lookalike and soundalike drugs (5) Dose Calculation

8.B.Sc. Cardio Pulmonary Perfusion Technology

PRESENT STATUS : Second Year - Principles of Perfusion - I
No Separate practical syllabus mentioned for
Second year

RECOMMENDATIONS : To have a separate syllabus of Practical for
this paper.

9.B.Sc. Cardio Pulmonary Perfusion Technology

PRESENT STATUS : Second year - Paper I - The Pharmacology,
Microbiology and Pathology has practical
Examinations, which is mentioned in the
Syllabus, but there is no practical syllabus
given for this course.

RECOMMENDATIONS : To include practical syllabus for all the
three Subjects.

EXPERT OPINION FOR 7, 8 & 9

Practical Examination pattern for all the subjects in Allied Health Courses
Practical - 50 Marks viva - 50 Marks

Practicals should include the following:
Case Discussion/Flash card /Spotters/Charts/Instruments/Specimens

(wherever it is applicable)

This will be implemented from the Academic year 2015-16 Admission onwards for all
the U.G. Allied Health Courses.

10.B.Sc. Dialysis Technology

PRESENT STATUS : First year - Paper II Nutrition and
Principles of Nursing Care - New syllabus does

not include (a) Unit - 12 Planning diets including cookery and demonstrate to the patients the preparation of the renal diet. This existed in the previous syllabus of DT.

RECOMMENDATIONS : To re-include from the previous syllabus Unit 12 and Unit 13 as it is an essential knowledge for Students of Renal Dialysis Technology.

EXPERT OPINION ; **Nutrition Planning Diets has already been included in the syllabus and will be implemented from the Academic year 2015-16 admission onwards.**

11. B.Sc. DIALYSIS TECHNOLOGY

PRESENT STATUS : Second Year - Paper - I - Pharmacology - Pharmacology Practicals not in the syllabus.

RECOMMENDATIONS : Pharmacology practicals can be added for D.T.

EXPERT OPINION : Practical Examination pattern for all the subjects in Allied Health Courses

Practical – 50 Marks viva – 50 Marks

Practicals should include the following:

Case Discussion/Flash card /Spotters/Charts/Instruments/Specimens
(wherever it is applicable)

This will be implemented from the Academic year 2015-16 admission onwards for all the U.G. Allied Health Courses.

12. B.Sc. Operation Theatre and Anesthesia Technology

PRESENT STATUS : First Year - Principles of Management given in Syllabus but not evaluated also not included in the Marksheet.

RECOMMENDATIONS : To include this subject for Internal Examination and in the marksheet similar to communication skills in English or Computer skills. If not possible, to remove from syllabus.

EXPERT OPINION : **NOT APPROVED. EXISTING SYSTEM TO**

BE FOLLOWED.

13. Operation Theatre and Anesthesia Technology

- PRESENT STATUS : Second Year - Paper I - Applied Pharmacology and Microbiology - “Indicated as No Practicals” Applied Pharmacology and Microbiology has Practical Marks of maximum 50.
- RECOMMENDATIONS : Separate syllabus for practicals is required for Microbiology and Pharmacology. Pharmacology Practicals , Identification of Drugs, Case study on – Toxic Drugs (2) Emergency Drugs (3) OTC Drugs (4) Lookalike and soundalike drugs (5) Dose Calculation
- EXPERT OPINION : Practical Examination pattern for all the subjects in Allied Health Courses
- Practical – 50 Marks viva – 50 Marks
- Practicals should include the following:
Discussion/Flash card /Spotters/Charts/Instruments/Specimens
(wherever it is applicable)

This will be implemented from the Academic year 2015–16 admission onwards for all the U.G. Allied Health Courses.

THE BOARD APPROVED THE ABOVE AGENDA.

ANY OTHER ITEM:

1. Basic Drug effects can be added for all the courses, which has Pharmacology as a subject.

THE BOARD APPROVED THE ABOVE AGENDA.

1. Total Number of days for the academic year is indicated. But the total hours of Teaching theory for each subject unit wise is not available.
2. The Total hours of clinical training/Practical for the year is also not available.

The committee opined that it is up to the institution to decide about the total hours of teaching theory and clinical training/practical according to the syllabus.

THE BOARD SUGGESTED THAT THE TOTAL HOURS FOR TEACHING THEORY AND CLINICAL TRAINING / PRACTICAL etc SHOULD BE ACCORDING TO THE SYLLABUS APPROVED BY THE UNIVERSITY. AND SUGGESTED THAT THIS SHOULD BE INSISTED ON WHEN EXPERTS FRAME & FINALIZE THE AHS COURSE SYLLABUS – FOR THE REASONS THAT THIS BRINGS UNIFORMITY IN CONDUCTION OF THE COURSE, AS WELL THIS INFORMATION IS VITAL FOR CANDIDATES SEEKING

EMPLOYMENT ABROAD.

TO DISCUSS AND DECIDE ON THE REQUEST OF PROF. DR. A. MURALEEDHARAN, DIRECTOR AND PROFESSOR OF ENT (RETD) MADRAS MEDICAL COLLEGE, CHENNAI.

Representation received from Prof. Dr. A. Muraleedharan, Director and Professor of ENT (Retd) , Madras Medical College, Chennai to discuss the following with regard to BASLP Course.

a. Requisition to provide additional sheets for the University Theory papers when required during University Exams.

THE BOARD NOT APPROVED THE ABOVE AGENDA

b. Request to follow the RCI norms for the practicals.

-As per the RCI norms, the theory papers and the practicals are separate and not linked to each other in 1st, 2nd and 3rd year.

As per the University norms, in 1st year and 2nd year, the two practicals area attached to the two theory papers - one in Audiology and one in Speech pathology and in 3rd year, two theory papers are attached to two speech pathology viva and one audiology theory paper is attached to one audiology practicals.

It was resolved to follow the practicals as per RCI Norms.

THE BOARD APPROVED THE ABOVE AGENDA AND SUGGESTED TO FOLLOW RCI NORMS. THIS WILL BE IMPLEMENTED FROM THE ACADEMIC YEAR 2015-16 ADMISSION ONWARDS.

It was resolved to approve the recommendations of the Board of Studies.

TO DISCUSS AND DECIDE ON THE ELIGIBILITY CRITERIA FIXED BY THE RCI IN RESPECT OF BACHELOR OF PROSTHETICS AND ORTHOTICS (BPO) COURSE UNDER ALLIED HEALTH SCIENCES.

The Board of Studies in UG Allied Health Sciences Course programme held on 04.12.2013 has resolved to follow, the Rules & Regulations framed by RCI norms for all the paramedical courses and the same was approved by the 47th SAB held on 18.12.2013. The above communication was sent to all the Institutions vide this University letter No.DME&CD(1)/48212/2013, Dated: 07.02.2014.

In this connection, the Principal, Iswar Institute of Prosthetics & Orthotics has stated that, out of four students they have registered two students through online and for the other

two students they are unable to register (Minimum Eligibility Marks criteria not met) and those two students have scored over and above the Eligibility Marks.

b.i. One candidate has scored 37.5% (below 40%) in Physics subject (10+2). But as per RCI norms for lateral students only requirement is Pass in Diploma in Prosthetics & Orthotics and pass in 10+2 with PCM/PCB.

In the RCI Guidelines, it has been mentioned as follows:-

1. Candidates who have passed Diploma in Prosthetics & Orthotics from RCI recognized institute shall be eligible for admission directly in 3rd year.
2. Candidates should have passed 10+2 with PCM / PCB
3. Admissions will be on the availability of the seats in 3rd year .

However, in the University regulations, it has been fixed that the Minimum of 40% mark in each subject with English is required for admission of Diploma Candidates through lateral entry to the III year BPO Course.

It was resolved to approve the above Agenda and suggested to follow the RCI Norms.

REPRESENTATION FOR REVISION OF B.Sc. CARDIO PULMONARY PERFUSION TECHNOLOGY SYLLABUS.

Representation for revision of B.Sc. Cardio Pulmonary Perfusion Technology syllabus.

It was resolved not to approve the above agenda and to following existing syllabus.

TO DECIDE ON THE INCREASE OF INTAKE FOR ALLIED HEALTH COURSES BASED ON AVAILABILITY OF INFRASTRUCTURE FACILITIES AND TEACHING FACULTIES AND TO RATIFY THE ACTION ON THE INCREASE OF INTAKE IN THE EARLIER YEARS.

“Resolved to ratify the excess admission made in earlier year in Allied Health Courses than the sanctioned strength and it was further resolved to increase the seats based on the infrastructure facilities and teaching faculties (teacher student ratio) available in the institutions without limiting the number of admissions to be made. However, an expert committee is to be constituted to study about the increase of seats and necessary statutory amendments need to be made to obtain the assent from the Chancellor of this university”.

I am to request that the above decision may be communicated to all the Professors / Head of the Department / Students of your college for information & further follow up action in this regard.

I am also to request that a copy of this letter may be displayed on the Notice Board of the College / Hostel / Departments for information of the Students concerned.

Kindly acknowledge the receipt of this letter.

Yours faithfully,

...sd...

REGISTRAR