

**THE TAMIL NADU Dr.M.G.R. MEDICAL
UNIVERSITY,**

No.69, Anna Salai, Guindy, Chennai – 600 032.



**MINUTES OF 60th MEETING OF THE
STANDING ACADEMIC BOARD HELD ON
29.04.2021 – THURSDAY at 11.00 a.m**

INDEX

Sl.No	BOARD OF STUDIES	Page No.
I	BOARD OF STUDIES IN RESEARCH	5
II	BOARD OF STUDIES IN SUPER SPECIALITY COURSES.	10
III	BOARD OF STUDIES IN POST DOCTORAL FELLOWSHIP IN MEDICAL & SURGICAL SPECIALITIES.	14
IV	BOARD OF STUDIES IN P.G. MEDICAL CLINICAL COURSES	15
V	BOARD OF STUDIES IN P.G. MEDICAL PRE & PARA CLINICAL COURSES	19
VI	BOARD OF STUDIES IN FINAL M.B.B.S (PART I and PART II).	23
VII	BOARD OF STUDIES IN SECOND M.B.B.S.	24
VIII	BOARD OF STUDIES IN FIRST M.B.B.S	40
IX	BOARD OF STUDIES IN POST DOCTORAL FELLOWSHIP IN DENTAL SPECIALITIES.	48
X	BOARD OF STUDIES IN PG DENTAL COURSES	49
XI	BOARD OF STUDIES IN UG DENTAL COURSES	51
XII	BOARD OF STUDIES IN SIDDHA COURSES	52
XIII	BOARD OF STUDIES IN UNANI COURSES.	54
XIV	BOARD OF STUDIES IN AYURVEDA COURSES.	55
XV	BOARD OF STUDIES IN HOMOEOPATHY COURSES	56
XVI	BOARD OF STUDIES IN NATUROPATHY AND YOGIC SCIENCES	57

XVII	BOARD OF STUDIES IN PHARMACY COURSES.	58
XVIII	BOARD OF STUDIES IN NURSING COURSES	61
XIX	BOARD OF STUDIES IN PHYSIOTHERAPY AND OCCUPATIONAL THERAPY COURSES	63
XX	BOARD OF STUDIES IN PG ALLIED HEALTH SCIENCE COURSES.	66
XXI	BOARD OF STUDIES IN UG ALLIED HEALTH SCIENCE COURSES	82

The Vice-Chancellor of the Tamil Nadu Dr.M.G.R Medical University welcomed the members of the Standing Academic Board who have participated in the Virtual Meeting held on 29th April 2021 and thanked all of them for their enthusiastic and active participation despite the pandemic situation.

The Vice-Chancellor also informed that whoever has urgent work/commitment in COVID management and patient care may present their Board recommendations first and then leave the meeting early. Further, the Vice-Chancellor reiterated that their presence in this Standing Academic Board Meeting will be placed on record with due appreciation.

The Vice-Chancellor acknowledged positive contribution of students of various affiliated institutions (especially the Nursing and Pharmacy Institutions) in creating awareness in rural areas on Covid Appropriate Behaviour.

With regard to the classes for MBBS and other students, the Vice-Chancellor informed that online Theory classes may continue as such. Introduction to clinical examination of patients may also be taught online using Videos for the present and core competencies can be taught when institutions reopen.

The Vice-Chancellor thanked all the members once again for their participation and requested them to provide list of Psychologist and Psychiatrist, so that their services may be utilised for Covid counselling if need be.

I. AGENDA FROM BOARD OF STUDIES IN RESEARCH

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE INSPECTION COMMISSION REPORT FOR THE RECOGNITION OF DEPARTMENT OF CHILD HEALTH NURSING, VHS-M.A.CHIDAMBARAM COLLEGE OF NURSING, CHENNAI, AN AFFILIATED INSTITUTION OF THIS UNIVERSITY TO CONDUCT THE RESEARCH PROGRAMME LEADING TO THE AWARD OF PH.D DEGREE.

The Standing Academic Board has resolved to recognise the Department of Child Health Nursing, VHS-M.A. Chidambaram College of Nursing, Chennai, to conduct Research Programme leading to the award of Ph.D Degree.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE RECOMMENDATIONS OF INSPECTION COMMISSION FOR RECOGNITION OF DEPARTMENT OF PHARMACEUTICAL CHEMISTRY, ARULMIGU KALASALINGAM COLLEGE OF PHARMACY, KRISHNANKOIL, AN AFFILIATED INSTITUTION OF THIS UNIVERSITY TO CONDUCT RESEARCH PROGRAMME LEADING TO THE AWARD OF Ph.D DEGREE.

The Standing Academic Board has resolved to recognise the Department of Pharmaceutical Chemistry, Arulmigu Kalasalingam College of Pharmacy, Krishnankoil, to conduct Research Programme leading to award of Ph.D Degree.

AGENDA NO.3

TO DISCUSS AND DECIDE ON THE REQUEST OF Dr.P.LAKSHMIKANTH, M.P.T., Ph.D., PRINCIPAL, SIR ISSAC NEWTON COLLEGE OF PHYSIOTHERAPY, NAGAPATTINAM FOR RECOGNITION AS A GUIDE FOR RESEARCH LEADING TO THE AWARD OF Ph.D DEGREE UNDER THIS UNIVERSITY.

The Standing Academic Board has resolved NOT TO CONSIDER the request of Dr.P.Lakshmikanth, Principal, Sir Issac Newton College of Physiotherapy for the recognition as a guide for Research, as the applicant does not have one year research experience after completing the Ph.D. Degree, which is a mandatory requirement for Recognition as a Guide under this University

AGENDA NO.4

TO DISCUSS AND DECIDE ON THE REPRESENTATION SUBMITTED BY TMT. R. MANJU, STAFF NURSE, DEPARTMENT OF TRANSFUSION MEDICINE, TO DO Ph.D RESEARCH PROGRAMME UNDER THIS UNIVERSITY.

The Standing Academic Board has resolved NOT TO CONSIDER the request of Tmt. R Manju, Staff Nurse, Department of Transfusion Medicine of this University for doing part-time Ph.D programme as she is not a teaching faculty. (As per the existing Ph.D regulations of this University, She is not eligible to do Part Time Ph.D Programme).

AGENDA NO. 5

TO DISCUSS AND DECIDE ON THE APPLICATION SUBMITTED BY Dr. G. SUBASH CHANDRAN, LECTURER, GOVERNMENT SIDDHA MEDICAL COLLEGE, PALAYAMKOTTAI TO PURSUE D.Sc (DOCTOR OF

SCIENCE) RESEARCH PROGRAMME IN THIS UNIVERSITY.

Decision Deferred.

The Standing Academic Board has resolved to obtain the Ph.D title and Abstract of Ph.D research done by Dr.G.Subash Chandran, Lecturer, Government Siddha Medical College, Palayamkottai to take further decision with regard to issue of Eligibility Certificate for D.Sc (Doctor of Science) Research Programme in this University.

AGENDA NO: 6

TO DISCUSS AND DECIDE ON THE REQUEST OF THE PRINCIPAL INVESTIGATOR Mrs. CHINMAYEE SUBHAMITA PANDA (A.Y.2019-2020) FOR THE TRANSFER OF RESEARCH GRANT AND RESEARCH STUDY FROM ONE INSTITUTION TO ANOTHER INSTITUTION DURING RESEARCH PERIOD.

The Standing Academic Board has resolved to permit the candidate Mrs.Chinmayee Subhamita Panda to pursue the research at Ishwar Institute of Prosthetics and Orthotics, Chennai subject to the following conditions :

- 1) No Objection Certificate from Ishwar Institute of Prosthetics and Orthotics, Chennai to allow the candidate to continue her research.
- 2) No Objection Certificate from NIEPMD (National Institute for Empowerment of Persons with Multiple Disabilities) to allow her to pursue research at Ishwar Institute of Prosthetics and Orthotics, Chennai

Further, the Standing Academic Board has resolved that the candidate can also continue her research at NIEPMD, Chennai with

new Guide and Co-Guide from NIEPMD, as this is an affiliated institution of this University conducting Bachelor of Prosthetics and Orthotics. The candidate should complete the research work within the stipulated period of time.

AGENDA NO.7

TO DISCUSS AND DECIDE ON THE RECOMMENDATIONS OF INSPECTION COMMISSION FOR RECOGNITION OF DEPARTMENT OF PHARMACEUTICS, KARPAGAM COLLEGE OF PHARMACY, COIMBATORE, AN AFFILIATED INSTITUTION OF THIS UNIVERSITY TO CONDUCT RESEARCH PROGRAMME LEADING TO THE AWARD OF Ph.D DEGREE.

The Standing Academic Board has resolved to recognise the Department of Pharmaceutics, Karpagam College of Pharmacy, Coimbatore to conduct research programme leading to award of Ph.D Degree.

ANY OTHER ITEMS :

1. The Standing Academic Board has resolved that PUBMED Indexed publications is mandatory for issuing Eligibility Certificate for D.Sc candidates and for Ph.D Guideship.
2. The Standing Academic Board has resolved to have collaborative research with other Health Universities at National/International level.

The University had signed Memorandum of Understanding (MOU) with the University of Georgia, United States, The Royal College of Surgeons of Edinburgh and Maharashtra University of Health

Sciences.

3. The Standing Academic Board has resolved that Post Graduate candidates (MD/MS) should give an undertaking while submitting the Dissertation stating that the work when published, as an article in a Journal, she/he should necessarily mention the period and the institution where the study was conducted.

II. AGENDA FROM BOARD OF STUDIES IN SUPER SPECIALITY COURSES.

AGENDA NO.1

TO DISCUSS AND DECIDE ON ENGAGING FACULTIES FROM OTHER STATES / DEEMED UNIVERSITIES IN TAMIL NADU FOR SETTING OF THE QUESTION PAPER, MODERATOR AND EVALUATION OF ANSWER SCRIPTS IN D.M. & M.CH. SUPER SPECIALITY COURSES CONDUCTED BY THIS UNIVERSITY.

Wherever the courses are conducted only by single institution under this University, the Standing Academic Board has resolved to appoint faculties from other states / Deemed Universities in Tamil Nadu for setting of Question paper, Moderators and Evaluation of Answer Scripts for 11 D.M & M.Ch Super speciality courses (as per the list enclosed).

The Standing Academic Board has resolved to constitute an Expert Committee to decide on the Faculties for setting of Question papers, Moderators and Evaluation of Answer Scripts in overlapping specialities among the listed 11 D.M & M.Ch Super speciality courses conducted by this University.

11 DM / M Ch Super Speciality Degree Courses.

S.No	MD/M Ch	Name of the Course
1	DM	Clinical Haematology
2	DM	Endocrinology
3	DM	Critical Care
4	DM	Infectious Diseases

5	DM	Paediatric Neurology (from 2019-2020)
6	DM	Pulmonary Medicine (from 2019-2020)
7	DM	Virology
8	M Ch	Hand Surgery
9	M Ch	Gynecological Oncology
10	M Ch	Hepato Pancreato Biliary Surgery
11	M Ch	Reproductive Medicine & Surgery (from 2019-2020)

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE ADVISORY ISSUED BY NATIONAL MEDICAL COMMISSION (NMC), NEW DELHI WITH REGARD TO RELAXATIONS PROVIDED UNDER SUB CLAUSE 13.9, OF THE POST GRADUATE MEDICAL EDUCATION REGULATIONS SUBMITTED BY PROF. DR. J. JAGANMOHAN, MEMBER OF THE BOARD OF STUDIES IN SUPER SPECIALITY COURSES.

The Standing Academic Board has resolved to allow super specialities Postgraduate students of batches 2018-19 to be eligible to appear for their Postgraduate degree examinations even, if they have not made a poster presentation, read a paper at a conference or submitted a research paper for publication in accordance with the Advisory No. NMC/MCI-(PG)23 (1)(10A)Med-2020 dated 22.12.2020 issued by the National Medical Commission.

AGENDA NO.3

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY PROF. DR. JOHN MATHEW, MEMBER OF THE BOARD OF STUDIES IN SUPER SPECIALITY COURSES.

1. D.M (Clinical Immunology and Rheumatology)

The Standing Academic Board has resolved that the Head of the Department/Institution can decide on place of 3 weeks of Special postings in Advanced Laboratory for candidates of D.M (Clinical Immunology and Rheumatology).

2.D.M (Pulmonary Medicine)

As the University had framed Curriculum and Syllabus for DM (Pulmonary Medicine) only in the year 2017 and was implemented from the Academic year 2017-2018 onwards, the Standing Academic Board has resolved to follow the existing curriculum and syllabus in D.M(Pulmonary Medicine) until the first batch completes the course.

3.M.Ch in Gynaecologic Oncology

The Standing Academic Board has opined that increase of seats for M.Ch in Gynaecologic Oncology is not under the purview of the Board of Studies.

AGENDA NO.4

TO DISCUSS AND DECIDE ON THE PROPOSAL FOR CURRICULUM CHANGE IN D.M. NEONATOLOGY SUBMITTED BY Dr. ASHOK RAJA, MEMBER OF THE BOARD OF STUDIES IN SUPER SPECIALITY COURSES.

The Standing Academic Board has resolved to constitute an expert committee to obtain opinion regarding changes in the Curriculum and Syllabus of D.M Neonatology.

AGENDA NO. 5

TO DISCUSS ON THE IMPLEMENTATION OF THE SYLLABUS AS PER THE GUIDELINES FOR COMPETENCY BASED POSTGRADUATE TRAINING PROGRAMME PRESCRIBED BY THE NATIONAL MEDICAL COMMISSION, NEW DELHI FOR D.M, / M.Ch., SUPER SPECIALITY COURSES FROM THE ACADEMIC YEAR 2021-2022 ONWARDS.

The Standing Academic Board has resolved to implement the curriculum and syllabus as per the guidelines for Competency Based Postgraduate Training Programme prescribed by the National Medical Commission, New Delhi for D.M, / M.Ch., super speciality courses from the academic year 2021-2022 onwards.

The Standing Academic Board has resolved to constitute expert committees to improvise the existing University Curriculum accordingly.

ANY OTHER ITEMS :

The Standing Academic Board has deferred implementing submission of periodic assessment of super speciality candidates once in six months to the University through online for the Academic year 2021-2022 and can be discussed in the next meeting for its implementation from the Academic Year 2022-2023 onwards.

III. AGENDA FROM BOARD OF STUDIES IN POST DOCTORAL FELLOWSHIP IN MEDICAL & SURGICAL SPECIALITIES.

AGENDA No.1

TO DISCUSS AND DECIDE ON THE RECOMMENDATION OF THE EXPERT COMMITTEE WITH REGARD TO ELIGIBILITY CRITERIA FOR JOINING POST DOCTORAL FELLOWSHIP IN MICROBIAL MEDICINE AND INFECTION CONTROL UNDER THIS UNIVERSITY.

The Standing Academic Board has resolved to include Postgraduate Qualification in Broad Speciality in all clinical and selected Non-Clinical branches (Microbiology, Pathology, Pharmacology and Community Medicine) and DNB Qualification in Clinical and selected Non-Clinical branches (Microbiology, Pathology, Pharmacology and Community Medicine) in Eligibility criteria to join Post Doctoral Fellowship in Microbial Medicine and Infection Control from the Academic year 2021-2022 admission onwards.

IV. AGENDA FROM BOARD OF STUDIES IN P.G. MEDICAL CLINICAL COURSES.

AGENDA No.1

TO DISCUSS AND DECIDE ON THE SUGGESTIONS OF DR.ALEX ARTHUR EDWARD, PROFESSOR OF GENERAL SURGERY, TIRUNELVELI MEDICAL COLLEGE, TIRUNELVELI FOR THE POSTGRADUATE OF M.S. (GENERAL SURGERY) CLINICAL POSTINGS IN EXISTING SYLLABUS.

The Standing Academic Board has resolved to adhere to Clinical postings specified by National Medical Commission in Guidelines for Competency Based training programme for M.S (General Surgery) Postgraduates for the candidates admitted from the academic year 2021-2022 onwards.

The Standing Academic Board has resolved to constitute an Expert Committee with regard to postings for the Post Graduate MS (General Surgery) in subspecialties/super specialties for a period six months and to write to National Medical Commission with regard to certain special postings which need to be included.

AGENDA No.2

TO DISCUSS ON THE IMPLEMENTATION OF THE SYLLABUS AS PER THE GUIDELINES FOR COMPETENCY BASED POSTGRADUATE TRAINING PROGRAMME PRESCRIBED BY THE NATIONAL MEDICAL COMMISSION, NEW DELHI FOR M.D., / M.S., BROAD SPECIALITY COURSES FROM THE ACADEMIC YEAR 2021-2022 ONWARDS.

The Standing Academic Board has resolved to implement the curriculum and syllabus as per the guidelines for Competency Based Postgraduate Training Programme prescribed by the National Medical Commission, New Delhi for M.D and M.S Broad Speciality courses under Subject Specific Learning Objectives, Subject Specific Competencies, Syllabus, Teaching and Learning methods and Assessment from the academic year 2021-2022 onwards.

The expert committee constituted to improvise the existing University Curriculum has submitted the updated Syllabus and Curriculum.

AGENDA No.3

TO DISCUSS AND DECIDE ON THE ADVISORY ISSUED BY NATIONAL MEDICAL COMMISSION (NMC), NEW DELHI, WITH REGARD TO THE SUBMISSION OF THE POSTGRADUATE THESIS RELAXATIONS PROVIDED UNDER SUB CLAUSE 14(4)(a) OF THE POSTGRADUATE MEDICAL EDUCATION REGULATIONS

The Standing Academic Board has resolved to allow

A) Broad Speciality Postgraduate students of batches 2018-19 and 2019-2020 alone to submit their thesis at least three months before the theory and Clinical/Practical examinations (as against 6 months originally)

B) Postgraduate students of batches 2018-19 only to be eligible to appear for their Postgraduate degree examinations even, if they have not made a poster presentation, read a paper at a conference, or submitted a research paper for publication. in accordance with the Advisory No. NMC/MCI-(PG)23(1)(10A)Med-2020 dated 22.12.2020 issued by the National Medical Commission.

In lieu of current pandemic situation, the Standing Academic Board has resolved to write to National Medical Commission with regard to the relaxation for Clause 13.9 in Post Graduate Medical Regulations 2000 for the Post Graduate Degree students admitted in the Academic Year 2019 – 2020.

Further, approved that the students shall submit the dissertation nine months before the commencement of examinations, in case of any revision it can be done before six months of examinations and in order not to reduce the study duration (18 months), the Dissertation topic should be submitted within six months of joining the course. This will be implemented from the Academic Year 2021-2022 onwards.

AGENDA No.4

TO DISCUSS AND DECIDE ON THE SUGGESTIONS OF DR.M.S.JAGADEESAN, PROFESSOR AND HEAD, DEPARTMENT OF PSYCHIATRY, MADRAS MEDICAL COLLEGE, CHENNAI FOR CHANGES IN M.D. (PSYCHIATRY) POSTING SCHEDULE FOR POST GRADUATES AND ASSESSMENT FORMAT AS PER NMC/MCI NORMS.

The Standing Academic Board has resolved to adhere to Clinical postings specified by National Medical Commission in Guidelines for Competency Based training programme for M.D(Psychiatry) Postgraduates and to adhere to the Postgraduate Appraisal form for Clinical Disciplines specified by National Medical Commission for the candidates admitted from the academic year 2021-2022 onwards.

Any other item :

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies in P.G. Medical Clinical Courses:

- Members of Board of Studies to prepare and submit Blue Print of logbook for each department/speciality to the University before 30th June 2021.
- The Post Graduate Appraisal Form should have a column for attendance. It should be filled and submitted to the University every six months. Individual departments can decide on assessment methodology for the students. Five assessments may be done during the PG Course i.e June and December of every year.
- To retain a copy Post Graduate Appraisal Form by the Head of Department and the student.
- To add signature of the Assistant Professors among the Assessing Authority.
- To revamp the guidelines for logbook and dissertation Evaluation.
- In order to improve the quality of the Dissertation in Medical Postgraduate degree courses, the Standing Academic Board has directed that the Dissertation shall be assessed objectively based on specific parameters for evaluation(to be prepared by Members of Board of Studies).

V. AGENDA FROM BOARD OF STUDIES IN P.G. MEDICAL PRE & PARA CLINICAL COURSES

AGENDA NO.1

TO DISCUSS ON THE IMPLEMENTATION OF THE SYLLABUS AS PER THE GUIDELINES FOR COMPETENCY BASED POSTGRADUATE TRAINING PROGRAMME PRESCRIBED BY THE NATIONAL MEDICAL COMMISSION, NEW DELHI FOR M.D., / M.S., BROAD SPECIALITY COURSES FROM THE ACADEMIC YEAR 2021-2022 ONWARDS.

The Standing Academic Board has resolved to implement the curriculum and syllabus as per the guidelines for Competency Based Postgraduate Training Programme prescribed by the National Medical Commission, New Delhi for M.D and M.S Broad Speciality courses under Subject Specific Learning Objectives, Subject Specific Competencies, Syllabus, Teaching and Learning methods and Assessment from the academic year 2021-2022 onwards.

The expert committee constituted to improvise the existing University Curriculum has submitted the updated Syllabus and Curriculum.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE ADVISORY ISSUED BY NATIONAL MEDICAL COMMISSION (NMC), NEW DELHI, WITH REGARD TO THE SUBMISSION OF THE POSTGRADUATE THESIS RELAXATIONS PROVIDED UNDER SUB CLAUSE 14(4)(a) OF THE POSTGRADUATE MEDICAL EDUCATION REGULATIONS

The Standing Academic Board has resolved to allow

A) Broad Speciality Postgraduate students of batches 2018-19 and 2019-2020 alone to submit their thesis at least three months before the theory and Clinical/Practical examinations (as against 6 months originally)

B) Postgraduate students of batches 2018-19 only to be eligible to appear for their Postgraduate degree examinations even, if they have not made a poster presentation, read a paper at a conference, or submitted a research paper for publication in accordance with the Advisory No. NMC/MCI-(PG)23(1)(10A)Med-2020 dated 22.12.2020 issued by the National Medical Commission.

In lieu of current pandemic situation, the Standing Academic Board has resolved to write to National Medical Commission with regard to the relaxation for Clause 13.9 in Post Graduate Medical Regulations 2000 for the Post Graduate Degree students admitted in the Academic Year 2019 – 2020.

Further, approved that the students shall submit the dissertation nine months before the commencement of examinations, in case of any revision it can be done before six months of examinations and in order not to reduce the study duration (18 months), the Dissertation topic should be submitted within six months of joining the course. This will be implemented from the Academic Year 2021-2022 onwards.

AGENDA NO.3

TO DISCUSS AND DECIDE ON THE SUGGESTIONS OF DR.SELVAMURUGAN, PROFESSOR OF FORENSIC MEDICINE, TIRUNELVELI MEDICAL COLLEGE, TIRUNELVELI FOR M.D. (FORENSIC MEDICINE).

The Postgraduate students of Forensic Medicine are only Medical Experts and not Forensic Experts until they complete the course and pass the final University Examinations. In Competency based training of Postgraduate students in Forensic Medicine, the PG students are expected to perform Autopsy independently and to attend court summons.

The Standing Academic Board has resolved to write to Directorate of Medical Education and to National Medical Commission for seeking clarification in this regard.

Any Other Items:

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies in P.G. Medical Pre and Para Clinical Courses:

- To conduct refresher course on Research Methodology for the Faculties by the University as part of Training of Trainers.
- With regard to incorporating status of Dissertation in Hall Ticket, the Vice-Chancellor informed that legal opinion will be obtained and will be placed in the next Standing Academic Board to decide on this matter.
- Members of board of Studies to prepare and submit Blue Print of logbook for each department/speciality to the University before 30th June 2021.
- To write to National Medical Commission whether the District Residency Programme (as per the Gazette of India CG-DL-E-18092020-221813 dated 18th September 2020) be included in the Competency Based Curriculum for Post Graduate students

pursuing MD/MS in broad specialities.

- To revamp the guidelines for logbook and dissertation Evaluation.
- In order to improve the quality of the Dissertation the Standing Academic Board has directed that the Dissertation shall be assessed objectively based on specific parameters for evaluation(to be prepared by Members of Board of Studies).

VI. AGENDA FROM BOARD OF STUDIES IN FINAL M.B.B.S (PART I and PART II).

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE IMPLEMENTATION OF COMPETENCY BASED CURRICULUM OF UNDER GRADUATE DEGREE COURSE FOR FINAL M.B.B.S PART I AND II, PUBLISHED BY THE MEDICAL COUNCIL OF INDIA (NATIONAL MEDICAL COMMISSION), NEW DELHI.

The Standing Academic Board has resolved to implement the Competency Based Undergraduate Curriculum for the Indian Medical Graduate of Under Graduate for Final MBBS Part I and II, as per the guidelines of Medical Council of India (Presently National Medical Commission).

Further resolved to have a student Logbook which includes Academic and Assessment components. The concerned Departments shall also maintain the assessment summary of the students.

The Standing Academic Board has resolved to approve the recommendations of Board of Studies that Medical Education Unit in Medical Colleges shall organise continuous sensitisation programme for their faculty in Curriculum Implementation Support Programme (CISP) and Competency Based Medical Education.

VII. AGENDA FROM BOARD OF STUDIES IN SECOND M.B.B.S.

AGENDA NO.1

TO DISCUSS AND DECIDE IN DETAIL ON THE SYLLABUS FORMAT OF COMPETENCY BASED CURRICULUM OF SECOND MBBS PUBLISHED BY NATIONAL MEDICAL COMMISSION (MEDICAL COUNCIL OF INDIA) NEW DELHI.

The Standing Academic Board has resolved to follow the Competency Based Curriculum of Second MBBS pertaining to Syllabus, Teaching hours, Formative Assessment, Summative Assessment, Eligibility criteria for appearing for Examination, Pattern of Question paper in the University examination, Conduct of examinations and Pass criteria as prescribed under Part II of the Regulations on Graduate Medical Education, 1997 by Medical Council of India (Presently National Medical Commission Regulations).

The Standing Academic Board has resolved to conduct eight Internal Assessment in all subjects and average of eight assessment test will be taken as final marks.

The Standing Academic Board has resolved that

1. Candidates should observe 15 Autopsies in clinical postings during Phase II & III MBBS.
2. External and Internal Examiners be present physically during Practical Examinations and to adhere to Advisory issued by the National Medical Commission in this regard.
3. University shall collect a copy of all Internal Assessment

question papers including MCQs in Word Format from the affiliated institutions to add to the Question Bank in the University.

4. To approve the Practical Scheme for Pathology, Microbiology and Pharmacology and the portions pertaining to Paper I and Paper II of each subject.
5. To preferably have an ACME trained faculties as Moderators of question papers.

AGENDA NO.2

TO DISCUSS AND DECIDE TO IMPLEMENT THE USE OF AN ACADEMIC HAND BOOK FOR STUDENTS AND ASSESSMENT HAND BOOK FOR FACULTY FOR FORMATIVE ASSESSMENT FOR II MBBS STUDENTS UNDER COMPETENCY BASED MEDICAL EDUCATION PROGRAM - SUBMITTED BY DR. K.SHANTHARAMAN, PROFESSOR & HEAD – DEPARTMENT OF PATHOLOGY, TIRUNELVELI MEDICAL COLLEGE, TIRUNELVELI AND CHAIRMAN OF BOARD OF STUDIES IN SECOND MBBS.

The Standing Academic Board has resolved that uniform pattern of logbook be prepared and to circulated to the affiliated institutions by the University. Further resolved that the Logbook and Academic Record should contain all the activities carried out by the student along with Learning Objectives and to include the repeat/remedial activity of the student in the Assessment Record.

The Standing Academic Board has resolved to constitute an Expert Committee consisting of the experts of Community Medicine in I, II & III MBBS (Board of Studies) to recommend formative assessment at each phase from I to III MBBS.

SYLLABUS FORMAT

- 1. CONDUCT OF EXAMINATIONS**
- 2. TIME TABLE**
- 3. PORTION OF PAPER I AND PAPER II**
- 4. PRACTICAL EXAMINATION SCHEME (Distribution of marks)**
- 5. THEORY QUESTION PATTERN**
- 6. TMR**
- 7. INTERNAL ASSESSEMENT-PASS CRITERIA**
- 8. THEORY EXAMINATION - PASS CRITERIA**
- 9. PRACTICAL EXAMINATION-PASS CRITERIA**
- 10. VIVA**
- 11. GRACE MARKS AND VALUATION**

TIME TABLE FOR CONDUCT OF SECOND MBBS – THEORY
EXAMINATIONS

MEDICAL U.G. COURSE
2019-2020 BATCH ONWARDS
(MBBS) DEGREE EXAMINATIONS
SECOND MBBS -2022

DAY	DATE & TIME	PAPER	SUBJECTS	Q.P.CODE
		I	Pharmacology	
		II	Pharmacology	
		I	Pathology	
		II	Pathology	
		I	Microbiology	
		II	Microbiology	

University Examinations shall be held as under:

(b) Second Professional

1. The second Professional examination shall be held at the end of second professional training (11 months), in the subjects of Pathology, Microbiology, and Pharmacology.

In between leave AND time of examination has to be decided

New Q.P. Code has to allotted to the subjects by Examination MBBS section

THE TAMIL NADU Dr.M.G.R.MEDICAL UNIVERSITY, CHENNAI
I.A EXAMINATIONS – MARKS SCHEME FOR APPROVAL

Exam Session : SEPTEMBER..... Pattern 2019-2020 batch
 Course & Term : 52. M.B.B.S SECOND YEAR
 Subject : Q.P CODE PHARMACOLOGY

Reg.No	Name of the student	Appearance	I.A Theory	I.A Practical	I.A Total	Theory % of Attendance	Practical % of Attendance
			Max:100	Max:100	Max:200	Max:100%	Max:100%
			Pass:40	Pass:40	Pass:100	Mini :75%	Mini :80%

Subject : Q.P CODE PATHOLOGY

Reg.No	Name of the student	Appearance	I.A Theory	I.A Practical	I.A Total	Theory % of Attendance	Practical % of Attendance
			Max:100	Max:100	Max:200	Max:100%	Max:100%
			Pass:40	Pass:40	Pass:100	Mini :75%	Mini :80%

Subject : Q.P CODE MICROBIOLOGY

Reg.No	Name of the student	Appearance	I.A Theory	I.A Practical	I.A Total	Theory % of Attendance	Practical % of Attendance
			Max:100	Max:100	Max:200	Max:100%	Max:100%
			Pass:40	Pass:40	Pass:100	Mini :75%	Mini :80%

THE TAMIL NADU Dr.M.G.R.MEDICAL UNIVERSITY, CHENNAI
PRACTICAL / VIVA EXAMINATIONS – MARKS SCHEME FOR APPROVAL

Exam Session : SEPTEMBER..... Pattern 2019-2020 batch
 Course & Term : 52. M.B.B.S SECOND YEAR
 Subject : Q.P CODE PHARMACOLOGY

Reg.No	Name of the student	Appearance	Practical	Viva	Total Practical marks (Practical/clinical +Viva)
			Max:80	Max:20	Max:100
			Pass: No Minimum	Pass: No Minimum	Pass:50

Subject : Q.P CODE PATHOLOGY

Reg.No	Name of the student	Appearance	Practical	Viva	Total Practical marks (Practical/clinical +Viva)
			Max:80	Max:20	Max:100
			Pass: No Minimum	Pass: No Minimum	Pass:50

Subject : Q.P CODE MICROBIOLOGY

Reg.No	Name of the student	Appearance	Practical	Oral / Viva	Total Practical marks (Practical/clinical +Viva)
			Max:80	Max:20	Max:100
			Pass: No Minimum	Pass: No Minimum	Pass:50

THE TAMIL NADU Dr.M.G.R.MEDICAL UNIVERSITY, CHENNAI
TABULATED MARK REGISTER (T.M.R) – FORMAT FOR APPROVAL

MONTH & YEAR: SEPTEMBER.....

Year / Term/Semester : SECOND YEAR :

Regulations : (NON-SEMESTER) 2019 – 2020 batch onwards

Course : 52. M.B.B.S SECOND YEAR

Subject : Q.P CODE PHARMACOLOGY

Register No	App	Q.P CODE PHARMACOLOGY (PAPER I & PAPER II)								
		Theory I	Theory II	Total Theory	Practical /clinical + Viva	Total Theory + Practical / clinical + Viva	Result	I.A Theory	I.A Practical	Total IA
Max		100	100	200	100	300		100	100	200
Pass		40	40	100	50	150		40	40	100
Register No	App	Q.P CODE PATHOLOGY (PAPER I & PAPER II)								

		Theory I	Theory II	Total Theory	Practical / clinical + viva	Total Theory + Practical / Clinical + Viva	Result	I.A Theory	I.A Practical	Total IA	
Max		100	100	200	100	300		100	100	200	
Pass		40	40	100	50	150		40	40	100	

Register No	App	Q.P CODE MICROBIOLOGY (PAPER I & PAPER II)									
		Theory I	Theory II	Total Theory	Practical/clinical + Viva	Total Theory + Practical / clinical + Viva	Result	I.A Theory	I.A Practical	Total IA	
Max		100	100	200	100	300		100	100	200	
Pass		40	40	100	50	150		40	40	100	

1.Pass Criteria:

Mandatory 50% marks separately in Theory and Practical (Practical =Practical/clinical+Viva)

2. A learner, who fails in the second Professional examination, shall not be allowed to appear in third Professional Part I examination unless she/he passes all subjects of second Professional examination.

3. Eligibility for appearing University Examinations

I.A Theory – Minimum 40%

I.A Practicals-Minimum 40%

50% combined in Theory and practical (not less than 40% in each) for eligibility for appearing for University examinations.

4. Percentage of Attendance –Theory - 75%

-Practicals-80%

5. Duration of clinical postings will be as follows :

5.1 Second Professional : 36 weeks of clinical posting (Three hours per day - five days per week : Total 540 hours)

5.2 Time allotted excludes time reserved for internal / University examinations, and vacation.

5.3 Second professional clinical postings shall commence before / after declaration of results of the first professional phase examinations, as decided by the institution/ University.

5.4 One month is provided at the end of every professional year for completion of examination and declaration of results.

6. Training period and time distribution:

6.1. Every learner shall undergo a period of certified study extending over 4 1/2 academic years, divided into nine semesters from the date of commencement of course to the date of completion of examination which shall be followed by one year of compulsory rotating internship.

6.2. Each academic year will have at least 240 teaching days with a minimum of eight hours of working on each day including one hour as lunch break.

6.3. Teaching and learning shall be aligned and integrated across specialties both vertically and horizontally for better learner comprehension. Learner centered learning methods should include problem oriented learning, case studies, community oriented learning, self- directed and experiential learning.

6.4. Para-clinical phase [(Phase II) - Second Professional (12 months)]: will consist of Para-clinical subjects namely Pathology, Pharmacology, Microbiology, Community Medicine, Forensic Medicine and Toxicology, Professional development including Attitude, Ethics & Communication (AETCOM) module and introduction to clinical subjects ensuring both horizontal and vertical integration.

6.5. Competency based UG Curriculum and assessment is applicable for students admitted in 2019- 2020 Academic year.

7. Regular Periodic examinations shall be conducted throughout the course. There shall be 8 Internal Assessment examinations and IA marks shall be calculated as Average of 8 internal assessment marks

8. Candidate shall not be entitled to graduate after 10years of his/her joining of the first phase of the MBBS course.

9. Grace Marks:

The grace marks up to a maximum of five marks may be awarded at the discretion of the University to a learner for clearing the examination as a whole but not for clearing a subject resulting in exemption.

There shall be no revaluation/re-totalling

University Practical examinations shall be conducted after University theory examinations.

PRACTICAL SCHEME

1. PHARMACOLOGY

PRACTICALS (80 Marks)

Practical – I (40 marks)	
.Prescription Writing	10 marks
.Audit	10 marks
.Clinical problem solving exercises	10 marks
.Dosage Calculation	5 marks
.Pharmaco economics	5 marks
PRACTICALS – II (40Marks)	
.OSPE	20 marks
.Qualitative / Quantitative experimental Pharmacology Charts	10 marks
.Clinical Pharmacology Charts	10 marks

VIVA -20 Marks

General Pharmacology, Autonomic Nervous system Central Nervous system Ocular Pharmacology	5 MARKS
Autacoids Drugs acting on • Kidney • Cardiovascular system including Blood • Respiratory system • Gastrointestinal system Therapeutic gases	5 MARKS
Chemotherapy, Dermatological Pharmacology Immunomodulators	5 MARKS
Endocrines Enzymes in therapy Vitamins Toxicology	5 MARKS

TOTAL	20 MARKS
--------------	-----------------

PORTION OF PAPER I AND PAPER II - PHARMACOLOGY

THEORY

Portion of Paper I

General Pharmacology,
ANS Pharmacology
CNS Pharmacology
CVS Pharmacology
RS Pharmacology
Autocoids
PNS (Peripheral Nervous System)

Portion of Paper II

Drugs – Hormones
GIT Drugs
Antimicrobial drugs
Chemotherapy OR Neoplastic drugs
Miscellaneous Drugs – Immunosuppressants,
Dermatology drugs,
Antiseptics / Disinfectants/ ectoparasiticide
Chelating agents
Vitamins

Theory Question Pattern

Core Competency Essay - 2 X 15 = 30 marks

Short Notes 10 x 5 = 50 marks

MCQ's 20 x 1 = 20 marks

2. PATHOLOGY

PRACTICALS (80 marks)

EXERCISES & SKILLS

Duration Marks

1.	Peripheral smear staining & interpretation	30 minutes	10
2.	Hb estimation	20 minutes	5
3.	Urine	30 minutes	10
4.	Histopathology slides 1mark x 10	30 minutes	10
5.	Hematology 1mark x 5		5
6.	Cytology 1mark x 5		5
7.	Gross Specimens 2.5marks x 4	20 minutes	10
8.	OSPE 1) OSPE exercise: Blood – Grouping, Rh typing 2) Clinical Interpretation Skills OSPE Case based discussion – Hematology (1), Systemic (2) 3 case charts X 5 marks 3) OSPE spotters- H & E, Special Stains, IHC, Histotechniques, Autopsy/Gross 5X1 = 5 marks.	50 minutes	5
			15
			5

VIVA Total 20 marks

General Pathology	5 Marks
Systemic Pathology I	5 Marks
Systemic Pathology II	5 Marks
Hematology	5 Marks
TOTAL	20 MARKS

PORTION OF PAPER I AND PAPER II - PATHOLOGY

THEORY

Portions of Paper I

General Pathology:

Cell injury & Adaptations
Inflammation & Repair
Hemodynamic disorders
Genetics
Immunology
Neoplasia
Infectious diseases
Environmental and nutritional disorders
Infancy and diseases of Childhood

Haematology - RBC
- WBC
- Spleen and lymph nodes

- Platelet
- Blood Banking

Portions of Paper II

Systemic Pathology:

RS
CVS
Blood vessels
GIT
Liver, gall bladder and pancreas.
Kidney
MGT
FGT
Breast
Endocrinology
Skin

Bone, Joints and Soft tissue
CNS

Theory Question Pattern

Core Competency Essay - $2 \times 15 = 30$ marks

Short Notes $10 \times 5 = 50$ marks

MCQ's $20 \times 1 = 20$ marks

3. MICROBIOLOGY

PRACTICALS (80 marks)

1. Gram Staining	16 marks
2. AFB Staining	16 marks
3. Bacteriology	6 marks
4. Immuno Serology	6 marks
5. Parasitology	6 marks
6. Mycology	6 marks
7. Virology	6 marks
8. Spotters	10 marks
9. OSPE	2x4 marks =8marks

1. Hand Hygiene 2. Bio Medical waste management 3. Donning / Doffing 4. Interpretation of Antibiotic Sensitivity 5. Specimen Collection a. Blood b. Nasal Swab	
---	--

VIVA -20 Marks

General Bacteriology and Immunology - -5 marks

Blood stream infections, CVS, GIT and Hepato biliary system - -5 marks

Respiratory system, Genitourinary system and STD - 5 marks

Skin and soft tissue, CNS, HAI, BMW and Antimicrobial Susceptibility - 5 marks

PORTION OF PAPER I AND PAPER II - MICROBIOLOGY **Portion of Paper I**

- I. General Microbiology, Immunology & Hospital Infection Control
- II. Skin Soft tissue and Musculo Skeletal System infections
- III. Miscellaneous Bacteria & Microbial Zoonotic diseases.

Portion of Paper II

- I. Blood Stream and Cardiovascular infections
- II. Respiratory Tract infections
- III. Gastro Intestinal & Hepatobiliary infections
- IV. Genito Urinary & Sexually transmitted infections
- V. CNS infections

Theory Question Pattern

Core Competency Essay - 2 X 15 = 30 marks

MCQ's 20 x 1 = 20 marks

1.print A, B, C, D options in the MCQ answer sheet page

instead of empty boxes, so that the candidates can encircle the correct answer.

2. approve the modifications in the existing scheme of practical examination for Anatomy, Physiology and Biochemistry and to implement the modified practical scheme from the academic year 2020-2021 admission onwards.
3. constitute an Expert Committee to review the Assessment Record of first MBBS to suggest modifications in grading system in Formative Assessment.
4. approve the recommendations of Board in not having separate Histology and Gross Anatomy records, as the components are incorporated in the Under Graduate Assessment Record of Anatomy.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE PROPOSAL SUBMITTED BY DR. P.LEO DAVID, VICE-PRINCIPAL, KANYAKUMARI GOVERNMENT MEDICAL COLLEGE, ASARIPALLAM IN RESPECT OF FIRST MBBS CURRICULUM

The Standing Academic Board has resolved that Institution shall maintain the attendance for Foundation course and to ensure that the candidates fulfil the GMER 2019 before appearing for University examinations.

The Standing Academic Board has resolved to continue the

existing system of conducting eight Internal Assessment Tests in each subject and to take the average marks of the eight tests.

The Standing Academic Board has resolved to conduct one Internal Assessment Test in Community Medicine during the first year MBBS as per Competency Based Assessment Module 2019 – Annexure I. The marks may be included in the Internal Assessment of Community Medicine in Third Professional Part -I.

ANNEXURE

PRACTICAL SCHEME

1. HUMAN ANATOMY

		Nos.	Marks	Total
I	Gross Spotters	12	2	24
	Upper limb (2) Lower limb (2) Abdomen (2) Pelvis perineum (1) Thorax (1) Head & Neck (2) Brain & Spinal Cord (2)			
II	Histology Spotters	12	2	24
	General (4) Systemic (8) • Paper I (4) • Paper II (4)			
III	OSPE	4	2	8
	4 stations - Surface Marking 2 from Paper I and 2 from Paper II			

IV	Discussion	4 topics		24
	Gross – Paper I	1	6	
	Paper II	1	6	
	Histology – General	1	6	
	Systemic	1	6	
Total				80 Marks

Viva – 20 Marks

Radiology	5 Marks
Osteology	5 Marks
Clinical Anatomy & Genetics	5 Marks
Embryology	5 Marks
Total	20 Marks

2. PHYSIOLOGY

LAB 1:

- 1. Major Haematology Experiment:** **10 Marks**
(RBC,WBC,DC)
- 2. Minor Haematology Experiment:** **5 Marks**
(HB, BT, CT, Blood Grouping)
- 3. Clinical Chart Discussion :** **5 Marks**
- 4. OSCE:** **20 Marks**
4 Working stations (4x5) 20 Marks
(General Examination, CVS,RS,CNS)

LAB 2 :

- 1. CNS Practical: 10 Marks**
2. RS or CVS Practical: 10 Marks
3. OSCE : 20 Marks
 4 Response stations (4x5=) 20 Marks
 (Instruments, Calculations, Graph, Chart)

GRAND TOTAL = 80 Marks

Viva - 20 Marks

General Physiology, Haematology, Muscle and Nerve Physiology, Gastrointestinal Physiology	5 Marks
Renal Physiology, Endocrine Physiology and Reproductive Physiology	5 Marks
Cardiovascular and Respiratory Physiology	5 Marks
Neurophysiology (CNS and Special Senses)	5 Marks
Total	20 Marks

3. BIOCHEMISTRY

I. Major experiment - 25 Marks

Mark Split up:

- 1. Provisional Diagnosis, Relevant Investigation with
reference ranges - 5 Marks**
2. Procedure - 5 Marks
3. Values - 5 Marks

4. Discussion -10 Marks

II. Minor experiment - 25 Marks

Identification of 2 Abnormal constituents

-2X12.5 marks =25 Marks

Minor Experiment	Spilt up	Total
Abnormal Constituent I	Identification- 2.5 marks Procedure -5 marks Discussion -5 marks	12.5Marks
Abnormal Constituent II	Identification- 2.5 marks Procedure -5 marks Discussion -5 marks	12.5Marks

Total -25 Marks

III. Charts / Suggest investigation - 15 Marks

(3 charts x 5 Marks)

IV. OSPE (3 stations) - 15 Marks

(1 Performance stations - 1 x 5 Marks

2 Response station - 2 x 5 Marks)

Major experiment involving quantitative estimation of common blood analytes.

Minor experiment : Qualitative - Identification of two abnormal constituents of urine only. Identification of physiologically important compound should not be tested as part of minor qualitative experiment.

Charts / Suggest investigation

(Laboratory values of biochemical parameters relevant to the case.

(eg. Diabetic history with GTT / Liver disorder with LFT etc.)

OSPE

- Performance station should not be a repeat of Major or Minor experiment.
- Response station

Station 1- Nutrition or Equipment

Station 2- Display of investigations/tests with a clinical scenario followed by few questions

VIVA – 20 Marks

Suggested Division of topics among 4 examiners

Carbohydrates – Chemistry & metabolism, Cell, Biological Oxidation, Oxidative phosphorylation, TCA cycle	5 Marks
Proteins – Chemistry & Metabolism, Enzymes, Plasma, Function tests, Xenobiotics, Tumor markers, Oncogenes, Hormones, Hemostasis and Immunity.	5 Marks
Lipids – Chemistry & Metabolism, Vitamins, Nutrition, Porphyrins, Hemoglobin, Jaundice,	5 Marks
Nucleic acid Chemistry &	5 Marks

Metabolism, Molecular Biology, Water, Electrolytes and Acid- Balance	
Total	20 Marks

IX. THE MEETING OF THE BOARD OF STUDIES IN POST DOCTORAL FELLOWSHIP IN DENTAL SPECIALITES IS CANCELLED AS THERE WAS NO AGENDA FOR DISCUSSION.

X. AGENDA FROM BOARD OF STUDIES IN PG DENTAL COURSES.

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE PROPOSAL OF Dr. MEENAKSHI AKSHAYA LINGAM, PROFESSOR OF PROSTHODONTICS, TAMIL NADU GOVERNMENT DENTAL COLLEGE AND HOSPITAL CHENNAI AND CHAIRMAN OF BOARD OF STUDIES IN MDS.

The Standing Academic Board has resolved to conduct Practical Examinations in MDS Prosthodontics for two days instead of three days and will be implemented from May 2021 Examination onwards.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE PROPOSAL OF Dr. KAVITHA.M, PROFESSOR OF CONSERVATIVE DENTISTRY & ENDODONTICS, TAMIL NADU GOVERNMENT DENTAL COLLEGE AND HOSPITAL CHENNAI AND MEMBER OF BOARD OF STUDIES IN MDS.

The Standing Academic Board has resolved to follow the existing system of appointing evaluators for Theory Answer scripts for M.D.S Examinations.

The Standing Academic Board has resolved to follow the advisory issued by the Dental Council of India vide letter No.DE-22-Academic(BDS)/2020/5007 dated 30th December 2020 regarding the extension for thesis submission by at least one month for 2022 exam appearing MDS batch students, as reproduced below:

“1. The sub-clause 11(3) (i) of Dental Council of India, Master of Dental Surgery Course Regulations, 2017 provides for submission of the Postgraduate dissertations/thesis within 6 months before appearing for the University examinations. In view of the COVID 19 pandemic the DCI has decided to relax the said provision of the regulation and allow the Postgraduate degree students of batches 2018-19 and 2019-20 only, to submit their thesis at least three months before the Theory and Clinical/Practical examination.

2. Further, in view of dearth of clinical material during current COVID 19 pandemic, the Universities and Dental colleges/institutions are also advised that while evaluating the thesis submitted for acceptance for the batches 2018-19 and 2019-20, final sample size actually analysed may be considered even if it is less than the committed sample size in the approved thesis protocol for the study”.

**XI.THE MEETING OF THE BOARD OF STUDIES IN UG
DENTAL COURSES WAS CANCELLED AS THERE WAS NO
AGENDA FOR DISCUSSION.**

XII. AGENDA FROM BOARD OF STUDIES IN SIDDHA COURSES.

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE PROPOSALS/SUGGESTIONS WITH REGARD TO B.S.M.S. DEGREE COURSE SUBMITTED BY DR.K.BALAGURUSAMY, PRINCIPAL, VELUMAILU SIDDHA MEDICAL COLLEGE, SRIPERUMBUDUR.

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies:

- Rescheduling of University examinations for UG and PG courses in Siddha after 14th June 2021.
- To write to Central Council of Indian Medicine with regard to conduct of first year examinations for UG and PG Candidates who have joined their respective courses in the Academic year 2020-2021.

The Standing Academic Board has resolved to follow the CCIM guidelines with regard to Internship for BSMS candidates who appeared for final year BSMS examinations in December 2020 (May

2020 session).

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE PROPOSALS/SUGGESTIONS WITH REGARD TO RE-MODIFICATION OF SYLLABUS/CURRICULUM OF SIDDHA PG DEGREE COURSE PARTICULARLY FOR PG KUZHANTHAI MARUTHUVAM.

The Standing Academic Board has resolved to write to Central Council of Indian Medicine (CCIM) on the following points:

1) to include Modern Medicine and Pharmacology in PG Kuzhanthai Maruthuvam and also in all other branches of Siddha which do not have the above subjects mentioned in their syllabus.

2) to have uniform assessment criteria for all branches in PG Siddha courses in academic activities mentioned in Second Year in CCIM Syllabus.

Any other items:

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies in Siddha:

1) To constitute an Expert Committee to formulate/prepare uniform Clinical/Practical Examination pattern in Kuzhanthai Maruthuvam, Noinadal, Varma Maruthuvam, Pura Maruthuvam and Siddhar Yoga Maruthuvam and Nanju Maruthuvam Branches of PG Siddha Medicine and it was brought to the notice of Standing Academic Board that Gunapadam and Pothu Maruthuvam Branches has established pattern of Clinical/Practical Examinations.

2) To write to CCIM whether to conduct viva-voce on Dissertation

and to award marks for it during the practical/clinical examination in addition to Dissertation evaluation and its approval prior to the examinations.

3) To continue with the existing pattern of conducting practical examination for 25 candidates in a day as followed for all other courses

4) Members of Board of Studies to submit the Faculty List for all branches in Post Graduate Siddha Courses to the University.

XIII. AGENDA FROM BOARD OF STUDIES IN UNANI COURSES.

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY DR.C.MUSHTAQ AHAMED, PROFESSOR, GOVERNMENT UNANI MEDICAL COLLEGE, CHENNAI & CHAIRMAN IN THE BOARD OF STUDIES IN UNANI.

The Standing Academic Board has resolved to recommend to Central Council of Indian Medicine (CCIM) that Matab wa Nuskha Naveesi of Paper III in Moalajat to be made as a separate paper in Moalajat.

The Standing Academic Board has resolved to implement the new syllabus received from CCIM for the students who appear for Final year examinations in May 2022 examination session.

The Standing Academic Board has resolved that members shall

submit the list of

1) Question Paper Setters

2) Moderators

3) Internal Examiners

4) External Examiners

to the University

The Standing Academic Board has resolved to reschedule October 2020 Examination of BUMS after June 14th, 2021.

**XIV. THE MEETING OF THE BOARD OF STUDIES IN
AYURVEDA DEGREE COURSE WAS CANCELLED AS
THERE WAS NO AGENDA FOR DISCUSSION.**

XV. AGENDA FROM BOARD OF STUDIES IN HOMOEOPATHY COURSES

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE PROPOSALS/ SUGGESTIONS SUBMITTED BY Dr.N.V.SUGATHAN WITH REGARD TO PG GUIDES/EXAMINERS LIST FOR HOMOEOPATHY COURSES.

The Standing Academic Board has resolved to approve the list of Postgraduate examiners submitted by Dr.N.V.Sugathan, Principal, Sarada Krishna Homoeopathic Medical College, Kanyakumari.(List Annexed).

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE PROPOSALS RECEIVED FROM THE PRINCIPALS OF ALL THE HOMOEOPATHY MEDICAL COLLEGES AND FORWARDED BY Dr.K.SENTHILKUMARAN, VICE PRINCIPAL,

GOVERNMENT HOMOEOPATHIC MEDICAL COLLEGE, THIRUMANGALAM AND CHAIRMAN OF BOARD OF STUDIES IN HOMOEOPATHY.

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies in Homoeopathy:

- To give appropriate training for Virtual evaluation.
- Rescheduling of examinations for May 2021 due to current COVID situation, and to give preference the October 2020 Examinations.
- To consider E-Consortium subscription.

XVI.AGENDA FROM BOARD OF STUDIES IN NATUROPATHY AND YOGIC SCIENCES.

AGENDA NO.1

**TO DISCUSS AND DECIDE ON THE SUGGESTIONS
SUBMITTED BY Dr.MANGAIARKARASI, PROFESSOR,
GOVT. COLLEGE OF YOGA AND NATUROPATHY,CHENNAI.**

The Standing Academic Board has resolved that

1. Faculty with three years of teaching experience be appointed as Evaluators of theory answer scripts and for conducting practical examinations in all B.N.Y.S Examinations.
2. Members of Board of Studies shall submit the subject wise list of Eligible Examiners for conducting practical examination and for question paper setting.
3. to reschedule BNYS Examinations and to decide the dates after 14th June 2021 in consultation with Directorate of

Indian Medicine in lieu of COVID pandemic.

XVII. AGENDA FROM BOARD OF STUDIES IN PHARMACY COURSES.

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY PROF.DR.A.ABDUL HASSAN SATHALI, PRINCIPAL, COLLEGE OF PHARMACY, MADURAI MEDICAL COLLEGE, MADURAI AND CHAIRMAN OF BOARD OF STUDIES IN PHARMACY.

The Standing Academic Board has resolved to approve the following recommendation of Board of Studies in Pharmacy:

1. To follow the PCI Norms of not awarding grace marks to the Semester Pattern of B.Pharm candidates.
2. To adhere to the norms of PCI for passing system for Non Semester students.
3. To have one Internal Examiner for Pharmaceutical Chemistry, Pharmaceutical Analysis & Pharmacy Practice in M.Pharm I Semester.

4. Institutions to issue attempt certificate on request by the candidates.
5. Appointment of Inspectors is not within the purview of Board of Studies.
6. To continue with the existing system of appointment of Moderators
7. To continue the existing Virtual Evaluation.
8. To follow the existing Guidelines meticulously for issue of Guideship for faculty in Pharmacy Institutions.
9. To conduct Virtual Examination for M.Pharm Final Year (IV Semester) Examinations (Project only), due to the current Pandemic Situation.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY DR.K.L. SENTHIL KUMAR, PRINCIPAL, SRI VIJAY VIDYALAYA COLLEGE OF PHARMACY, DHARMAPURI AND MEMBER IN THE BOARD OF STUDIES IN PHARMACY.

The Standing Academic Board has resolved to approve the following recommendation of Board of Studies in Pharmacy:

1. To continue with the existing method of distribution of remuneration through Head of the Institutions for Theory Examinations.
2. With regard to Pharmaco – Vigilance Center, the Board recommended to write to the University separately.

The Standing Academic Board cannot decide on selection of students under the category of Tuition Fee Waiver (TFW), Economically Weaker Section (EWS) & J&K seats since the matter is not under the purview of University.

AGENDA NO.3: Resolution of Agenda No. 3 is clubbed with Resolutions of Agenda No.2

AGENDA NO.4

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY DR.GRACE RATHNAM, THE PRINCIPAL, C.L.BAID METHA COLLEGE OF PHARMACY, CHENNAI AND MEMBER OF BOARD OF STUDIES IN PHARMACY.

The Standing Academic Board has resolved to approve the following recommendation of Board of Studies in Pharmacy:

- To follow the Pharmacy Council of India norms for teaching faculties in Anatomy and Physiology in B.Pharm and Pharm D courses and to modify the Inspection Format accordingly.
- To remove the option of entering the credit points in online internal assessment entry as the credit points is the same for all students in a subject.
- To have a single entry for online submission of Internal Assessment to the University as resolved in 59th Meeting of Standing Academic Board held on 16.09.2020.
- To continue with the existing method of online submission of Attendance to the University.
- To submit mark entries as whole numbers and not in decimals as resolved in 59th Meeting of Standing Academic Board held on 16.09.2020.

**XVIII. AGENDA FROM BOARD OF STUDIES IN
NURSING COURSES.**

AGENDA NO.1

**TO DISCUSS AND DECIDE ON THE SUGGESTIONS
GIVEN By Dr. R. SUDHA, PRINCIPAL, VHS M.A.C
COLLEGE OF NURSING, CHENNAI, PERTAINING TO
NURSING DEGREE COURSE.**

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies in Nursing:

1. To conduct the first year B.Sc (Nursing) P.B.B.Sc (Nursing) & M.Sc (Nursing) for the students admitted in the Academic Year 2020-2021 (Joined in February/March 2021) in February/March 2022.
2. To conduct supplementary and regular examinations of B.Sc (Nursing) P.B.B.Sc (Nursing) & M.Sc (Nursing) as given below.

COURSE	EXAMINATION	TENTATIVE DATE
--------	-------------	----------------

FINAL YEAR BSc NURSING	REGULAR	AUGUST 2021
FINAL YEAR BSc (N)	ARREAR	MAY/JUNE 2021
FIRST AND SECOND YEAR BSc (N)	REGULAR (THEORY COMPLETED IN MARCH 2021, PRACTICALS NOT COMPLETED)	AFTER INSTITUTION REOPENS
PBBSc (N) FIRST YEAR	ARREAR	AFTER INSTITUTION REOPENS
MSc(N) FIRST AND SECOND YEAR	MAY 2021 – ARREAR EXAMINATION	AFTER INSTITUTION REOPENS
MSc(N) SECOND YEAR	REGULAR	OCTOBER 2021

3. To have OSCE/OSPE pattern of Practical Examinations for all UG and PG nursing courses due to COVID 19 pandemic.

4. To implement Internship evaluation (scores) for the students appearing final year BSc (Nursing) in August 2022 examination session.

5. To constitute an Expert Committee with regard to implementation of Ph.D Nursing Guidelines received from Indian Nursing Council through circular ref No. 418/INC/2020 dated 18-11-2020 from The Tamil Nadu Nurses and Midwives Council.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE SUGGESTIONS GIVEN BY PRINCIPAL, OMAYAL ACHI COLLEGE OF NURSING, CHENNAI PERTAINING TO THE NURSING DEGREE COURSES

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies in Nursing:

1. To have one year work experience as eligibility criteria for MSc (N) degree course as per INC regulation and not to specify the hospital settings for the same and the work experience should be endorsed by the Director of the Hospital in case of Nursing Superintendent issuing the experience certificate.
2. To have Structured Essay Questions with split of marks in the question paper for both UG and PG nursing courses and Moderator of question paper shall look into this aspect.

**XIX. AGENDA FROM BOARD OF STUDIES IN
PHYSIOTHERAPY AND OCCUPATIONAL THERAPY
COURSES.**

AGENDA NO.1

**TO DISCUSS AND DECIDE ON THE SUGGESTIONS
SUBMITTED BY MR.BALACHANDAR, PRINCIPAL, JAYA
COLLEGE OF PARAMEDICAL SCIENCES, COLLEGE OF
PHYSIOTHERAPY, THIRUNINRAVUR.**

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies:

1. To correct the Typographical error in the minutes of Virtual Board of studies held on 16.09.2020 (point no. 1, page no. 2, 6th line-BPT instead of MPT as printed).
2. To take action to revamp the BPT & MPT statutes through the

Legal wing/Affiliation Wing of this University by constituting an Expert Committee.

3. To constitute an Expert Committee to revamp the BPT & MPT syllabus.
4. To follow the existing system of break for BPT course as per BPT Regulations of 2017-2018.
5. To discuss on inclusion of Biochemistry and Pharmacology for Physiotherapists as a subject in BPT II Year in the Expert Committee to be constituted for the revamping of BPT syllabus.
6. To discuss on reallocation of hours earmarked for Advanced Physiotherapeutics (150 hours) in BPT IV Year syllabus (which has been removed in BPT Regulation 2017-2018) in the Expert Committee constituted for revamping BPT syllabus.
7. To Consider E-Consortium Subscription.
8. Senate Status to Institution is not under the purview of the Board of Studies.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY PROF. SUJATA MISSAL, PRINCIPAL, KMCH COLLEGE OF OCCUPATIONAL THERAPY, COIMBATORE.

I) The Principal, NIEPMD College of Occupational therapy has put forth the following agendas:

II) Mr.T Jegadeesan Principal, JKKMMRF College of Occupational Therapy:

The Standing Academic Board has resolved to approve the following recommendations of Board of Studies:

1. The Expert Committee constituted to revamp the syllabus of BOT and MOT will also take up revision of clock hours of

Instructions and refining the instructions and guidance for Research Work for Final year Bachelor of Occupational Therapy Students.

2. The Board members to prepare a comprehensive Inspection Format after perusing document from other Universities also.
3. Members of Board of Studies to submit the list of Faculty Members for question paper setting and evaluation of theory answer papers for all subjects (including Anatomy and Physiology).
4. The Statutes Expert committee to decide if two years PG teaching experience is enough for an examiner in MOT.
5. The Board members to submit a consolidated list of Examiners from other universities in Andhra Pradesh, Karnataka & Kerala from Government institutions and other institutions conducting UG and PG courses in Occupational Therapy.
6. To discuss on having a separate Board of Study for Occupational Therapy in appropriate forum separately.

III) Mr Sanjeev Padankatti, Occupational Therapy Education Incharge, CMC, Vellore.

The Standing Academic Board has resolved TO NOT REMOVE the Viva for clinical subjects and to continue with the existing pattern of examination.

IV) Agenda as brought forward by Mrs Sujata Missal, Principal, KMCHCOT:

The Standing Academic Board has resolved to decide on August 2021 Examination at a later date.

XX. AGENDA FROM BOARD OF STUDIES IN PG DEGREE/DIPLOMA COURSES UNDER ALLIED HEALTH SCIENCE COURSES.

AGENDA NO.1

TO DISCUSS AND DECIDE ON THE RECOMMENDATION OF THE EXPERT COMMITTEE WITH REGARD TO AWARDING OF MODERATION MARKS IN PG DEGREE AND DIPLOMA COURSES UNDER ALLIED HEALTH SCIENCE COURSE.

The Standing Academic Board has resolved to approve the minutes of the Expert Committee meeting held on 12-10-2020 with modification that moderation mark to a maximum of 2 subjects and maximum of 5 marks in each subject in AHS PG Degree and Diploma course, only in theory paper and to implement from May 2021 Examination session onwards.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE RECOMMENDATIONS OF THE EXPERT COMMITTEE WITH REGARD TO MODIFY THE EXISTING ELIGIBILITY CRITERIA AND SYLLABUS FOR M.Sc., NUCLEAR MEDICINE TECHNOLOGY COURSE.

The Standing Academic Board has resolved to approve the Recommendations of Expert Committee with regard to modification of existing Eligibility Criteria and Syllabus of M.Sc., Nuclear Medicine Technology course and to implement from the Academic Year 2020-2021 onwards.

MINUTES OF THE EXPERT COMMITTEE MEETING:

The Expert Members discussed on the existing Regulation of M.Sc., Nuclear Medicine Technology Courses and suggested to modify the overall objectives in the regulation and Eligibility Criteria for admission to M.Sc., Nuclear Medicine Technology. The members suggested to have the following as eligibility criteria :

- 1) BSc Nuclear Medicine Technology
- 2) Bachelor Degree in Science with DMRIT

(As per the latest AERB Norms for Nuclear Nuclear Medicine Technology Qualifications)

Further, the members opined that the institution which offers MSc Nuclear Medicine Technology course should have an in house Medical Cyclotron and also directed to include in the list of equipments, if not the institution should have an MOU with another institution which has Medical Cyclotron as per AERB norms. The institution should also share the technical details to the inspection team.

AGENDA NO.3

TO DISCUSS AND DECIDE ON THE RECOMMENDATION OF THE EXPERT COMMITTEE WITH REGARD TO THE SCHEME OF PRACTICAL EXAMINATION FOR M.Sc., RADIOGRAPHY AND IMAGING TECHNOLOGY.

The Standing Academic Board has resolved to approve the recommendations of the Expert Committee with regard to the scheme of Practical Examination for M.Sc., Radiography and Imaging Technology.

MINUTES OF THE EXPERT COMMITTEE MEETING:

SCHEME FOR PRACTICAL EXAMINATION FOR M.Sc., (Radiography and Imaging Technology)

- Practical Examinations will be conducted in five stations with each having one to two parts.
- Part I will be five to eight OSCE questions based on the syllabus.
- Part II will be practical demonstration, questions based on the syllabus.
- Advise to download syllabus for MSc (Radiography and Imaging Technology) from www.tnmgrmu.ac.in to get a list of topics for each station.

FIRST YEAR SCHEME FOR PRACTICAL EXAMINATION

I PRACTICAL	5 STATIONS X 16 MARKS	80 MARKS
-------------	-----------------------	----------

II VIVA		20 MARKS
TOTAL		100 MARKS

Passing Minimum - 50 Marks

STATION I - Radiological Physics

OSCE - 8 STATIONS X 2 MARKS = 16 MARKS

STATION II – Conventional Radiological and Imaging Equipments

I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS

II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION III – Radiographic and Imaging Techniques

I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS

II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION IV – Radiation Safety and Protection

I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS

II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION V – Modern Radiological and Imaging Equipment

I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS

II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

Sample list of practical question in each station in First Year.

(Note: Use patients referred to department for investigation on day of examination or use phantom if patient unavailable)

STATION – II

1. Demonstrate the parts and uses of any one equipment – mobile x-ray, Mammography Unit, Fluoroscopic unit.

2. Demonstrate methods of controlling scattered radiation on any one – Bedside x-ray, Abdomen x-ray.

STATION – III

- 1) Take any one X-ray for patient – Conventional/Special view

STATION IV

- 1) Calibrate the given machine using phantom
Either X-ray/CT Equipment.
- 2) Quantify /measure the exposure from a given machine –
Chest x-ray, abdomen x-ray etc.

STATION V

- 1) Demonstrate how you will position and take an image in any of the following equipment:

CT, IITV, DEXA
- 2) Demonstrate your knowledge of knobology in USG eg TCC, Brightness. Choose Doppler settings, how to alter settings for a particular study etc, identify the probes, probe disinfection.

List of OSCE topics for each station in First Year

STATION I - Radiological Physics – 8 questions

STATION II – Conventional Radiological and Imaging
Equipment -5 questions

STATION III – Radiographic and Imaging Techniques
- 5 questions

STATION IV – Radiation Safety and Protection- 5 questions

STATION V – Modern Radiological and Imaging Equipment
- 5 questions

THIS WILL COME INTO EFFECT FROM ACADEMIC YEAR 2020-2021 ADMISSION ONWARDS.

SECOND YEAR SCHEME OF EXAMINATION

I PRACTICAL	5 STATIONS X 16 MARKS	80 MARKS
	VIVA	20 MARKS
TOTAL		100 MARKS
Passing Minimum		50 Marks
II.PROJECT	PROJECT BOOK AND LOG BOOK	50 MARKS
	PROJECT PRESENTATION AND DISCUSSION	50 MARKS
TOTAL		100 MARKS
Passing Minimum		50 Marks
III.INTERNAL ASSESSMENT		50 MARKS
Minimum		50 Marks
GRAND TOTAL		250 MARKS
Passing Minimum		125 Marks

Practical I

STATION I - Radiological and Imaging Procedures

- I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS
- II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION II – Conventional Assurance and Quality Control in Diagnostic Radiology and Imaging

- I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS
- II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION III – Newer Imaging Modalities

- I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS
- II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION IV – Intervention Radiological Techniques and patient care

- I) OSCE - 5 STATIONS X 2 MARKS = 10 MARKS
- II) PRACTICAL – 1 x 6 MARKS = 6 MARKS

STATION V – Newer Developments in Advance Imaging Technology and Biostatistics

- I) OSCE - 8 STATIONS X 2 MARKS = 16 MARKS

Sample list of practical question in each station for Second year.

(Note: Use patients referred to department for investigation on day of examination or use phantom if patient unavailable)

STATION I - Radiological and Imaging Procedures

1. Prepare Emergency Drug Tray from given drugs and explain uses of each for any one :
 - a) contrast reaction
 - b) contrast extravasation
2. Position and do any conventional contrast study eg Barium swallow, Barium Meal, IVP

STATION II – Conventional Assurance and Quality Control in Diagnostic Radiology and Imaging

1. Do quality assurance check for any one of the following :
 - a) Lead apron
 - b) X-ray tube
 - c) CT Machine
2. Demonstrate how you will check the quality of given cassette and method of cleaning it.
3. On available CT study demonstrate how to calculate patient effective dose.
4. Calculate the risk of radiation exposure in a pregnant woman for abdominal CT/X-ray and advise regarding outcome.
- 5.

STATION III – Newer Imaging Modalities

1. Demonstrate on available studies any of the following post processing techniques – MIP, SSD, VRT, Virtual Bronchoscopy/Colonoscopy.
2. Demonstrate patient preparation, positioning and planning of any two sequence for a patient referred for MRI study.
3. Demonstrate pre imaging history taking, positioning and CT imaging technique in a paediatric patient referred for investigation.

STATION IV – Intervention Radiological Techniques and patient care

1. Patient positioning and demonstration of any one study on C-arm/DSA equipment- Cerebral angiogram, abdominal angiogram, PTBD.
2. Set tray for any one procedure
 - a) Ultrasound/CT guided biopsy.
 - b) Ultrasound / CT guided percutaneous drainage procedure.

List of OSCE topics for each station in Second Year

STATION I - Radiological and Imaging Procedures- 8 questions

STATION II – Conventional Assurance and Quality Control in Diagnostic Radiology and Imaging – 5 questions

STATION III – Newer Imaging Modalities - 5 questions

STATION IV – Intervention Radiological Techniques and patient care – 5 questions

STATION V – a) Newer developments in Advanced Imaging Technology – 5 questions.

b) Biostatistics – 3 questions.

THIS WILL COME INTO EFFECT FROM ACADEMIC YEAR 2019-2020 ADMISSION ONWARDS.

External Examiner Qualifications & Experience for First & Second Year

MD (Radiodiagnosis)

From affiliated institutions

Year of experience : Six Years

Practical Examinations to be conducted for maximum five candidates per day.

AGENDA NO.4

TO DISCUSS AND DECIDE ON THE RECOMMENDATIONS OF THE EXPERT COMMITTEE WITH REGARD TO THE SCHEME OF PRACTICAL EXAMINATION FOR M.Sc., NUCLEAR MEDICINE TECHNOLOGY.

The Standing Academic Board has resolved to approve the recommendations of the Expert Committee with regard to the scheme of Practical Examination for M.Sc., Nuclear Medicine Technology.

MINUTES OF THE EXPERT COMMITTEE MEETING:

I. SCHEME OF PRATICAL EXAMIANCTIONS FOR FIRST YEAR M.Sc., NUCLEAR MEDICINE TECHNOLOGY

The Experts recommended to conduct the practical examination as follows:

Major experiments - 1 x30 marks = 30 marks

Minor experiments - 2 x20 marks = 40 marks

Spotters - 5 x2 marks = 10 marks

Viva =20 marks

Total = 100 Marks

Passing minimum = 50 Marks

List of Major Experiments

- 1) Dead time and resolving time of G.M Counter
- 2) Half value layer of γ emitters and range of β emitters
- 3) Resolution of half-lives from a mixture of radionuclides
- 4) Efficiency of counting system
- 5) Gamma ray spectrometry – calibration, spectrum, energy resolution, linearity
- 6) Study and calibration of energy dependence of a pocket dosimeter and survey meter.

List of Minor Experiments:

1. Spectrum of mixture of two isotopes and scatter fraction.
2. Radiation exposure: effect of distance, time & shielding.
3. Identification of unknown radionuclides.
4. Characteristics of different radiation.
5. Absorption of back-scatter of radiation.
6. Half life of radioisotopes.

7. Daughter-parent relationship of radioactive decay and radionuclides.

8. Plateau of G.M Counter.

External Examiner Qualifications & Experience:

MD (Nuclear Medicine)

MD (General Medicine) with DRM

MD (Radiotherapy) with DRM

MD (Radiodiagnosis) with DRM

From affiliated institutions

Year of experience : Six Years

Practical Examinations to be conducted for maximum five candidates per day.

This will come into effect from Academic Year 2020-2021 admission onwards.

**II.SCHEME OF PRATICAL EXAMIACTIONS FOR SECOND YEAR
M.Sc., NUCLEAR MEDICINE TECHNOLOGY**

The Experts recommended to conduct the practical examination as follows:

Major experiments - 1 x30 marks = 30 marks

Minor experiments - 2 x20 marks = 40 marks

Spotters - 5 x2 marks = 10 marks

Viva =20 marks

Total = 100 Marks

Passing minimum = 50 Marks

LIST OF MAJOR EXPERIMENTS

1) Line spread function of collimators

2) Phantom studies for scintigraphy

3) Radiopharmacy procedure, elution of generators, preparation of different radiopharmaceuticals

4) Organ imaging

5) Renogram

- 6) Thyroid uptake unit and collimator response
- 7) Formulation Tc compounds from kits
- 8) Determination of Mo breakthrough in ^{99m}Tc
- 9) Q.C of Dose Calibrator
- 10) Q.C of Gamma Camera
- 11) Q.C of SPECT
- 12) Q.C of radiopharmaceuticals by paper chromatography
- 13) Q.C of PET radiopharmaceuticals by TLC scanner, HPLC & Gas chromatography
- 14) Rapid determination of Radiochemical purity of radiopharmaceuticals.
- 15) Pre and Post I-therapy imaging and patient preparation.

LIST OF MINOR EXPERIMENTS :

- 1) Isoresponse curve of different collimators
- 2) Radiation survey of nuclear medicine lab
- 3) Contamination levels and methods of decontamination
- 4) In-vitro sample measurement of various types
- 5) Jaszczak Phantom
- 6) Line spread function of collimators
- 7) Phantom studies for scintigraphy
- 8) Radiopharmacy procedure, elution of generators, preparation of different radiopharmaceuticals
- 9) Organ imaging
- 10) Renogram
- 11) Thyroid uptake unit and collimator response
- 12) Formulation Tc compounds from kits
- 13) Determination of Mo breakthrough in ^{99m}Tc

- 14) Q.C of Dose Calibrator
- 15) Q.C of Gamma Camera
- 16) Q.C of SPECT
- 17) Q.C of radiopharmaceuticals by paper chromatography
- 18) Q.C of PET radiopharmaceuticals by TLC scanner, HPLC & Gas chromatography
- 19) Rapid determination of Radiochemical purity of radiopharmaceuticals.
- 20) Pre and Post I-therapy imaging and patient preparation.

External Examiner Qualifications & Experience:

MD (Nuclear Medicine)

MD (General Medicine) with DRM

MD (Radiotherapy) with DRM

MD (Radiodiagnosis) with DRM

From affiliated institutions

Year of experience : Six Years

Practical Examinations to be conducted for maximum five candidates per day.

This will come into effect from Academic Year 2019-2020 admission onwards.

AGENDA NO.5

TO DISCUSS AND DECIDE ON THE RECOMMENDATION OF THE EXPERT COMMITTEE FOR INCLUDING RESEARCH METHODOLOGY IN THE EXISTING SYLLABUS FOR M.Sc., RESPIRATORY THERAPY.

The Standing Academic Board has resolved to approve the

recommendations of expert committee in framing syllabus for “Principles of Epidemiology, Research Methodology, Biostatistics and Medical Ethics” in M.Sc., Respiratory Therapy Syllabus.

The Standing Academic Board has resolved to have “Principles of Epidemiology, Research Methodology, Biostatistics and Medical Ethics” as a common paper in first year, as Paper I for all M.Sc., (excluding M.Sc., Biostatistics, M.Sc., Epidemiology and M.Sc., Public Health) & M.Phil Courses under PG Degree Allied Health Sciences and this will not be applicable for council recognized courses.

The Standing Academic Board has resolved to follow the above recommendations of having “Principles of Epidemiology, Research Methodology, Biostatistics and Medical Ethics” as a single common theory paper for Masters in Hospital Administration, M.Sc., Molecular Virology, M.Optom courses as well and **to implement the same from Academic Year 2020-2021 admission onwards.**

MINUTES OF THE EXPERT COMMITTEE MEETING:

The Expert Members reviewed the existing syllabus of M.Sc (Respiratory Therapy) and suggested for modification as per the annexure enclosed.

SYLLABUS for Principles of Epidemiology, Research Methodology, Biostatistics and Medical Ethics :-

UNIT I: EPIDEMIOLOGY

Introduction: Historical aspects and evolution of epidemiology, definitions and concepts in Epidemiology.

Natural history of disease. Approaches in Epidemiology. Descriptive and Analytical Epidemiology, Disease burden and Measures of risk and death. Epidemiological Investigations.

UNIT-II – RESEARCH METHODOLOGY

Principles of Research study designs, Sampling Methods, Sample size Estimation, Protocol writing and Measures of Association. Introduction to Operations Research.

UNIT III: BIOSTATISTICS

Fundamentals of Biostatistics: Introduction, Types of data, Tabular and graphical presentation of data. Measures of location, dispersion and correlation: Measures of central tendency. Mean, mode, median, GM, HM, quartiles Measures of dispersion—Range, Standard Deviation, Variance, Coefficient of Variation.

Probability and statistical inference: Concept and probability distribution. Normal distribution— density curves, applications and statistical tables. Concept of significance tests, parametric and nonparametric tests, standard error and confidence intervals.

Inferential statistics: Probability and distributions – Poisson, Binomial and Normal distribution – Chi-square test – Hypothesis test - Student's t-test – Correlation and Regression – ANOVA.

UNIT IV: MEDICAL ETHICS

Bioethics and Medical ethics: Historical perspectives & Introduction to Bioethics, Nuremberg Code, Declaration of Helsinki, Principle of essentiality, informed consent, confidentiality, minimisation of risk,

accountability and responsibility. Ethics of clinical trials: Drug trials, vaccine trials, Clinical Trials with medical devices/surgical procedures/radioactive materials, Research in transplantation and stem cell therapy. Regulatory framework and guidelines for conduction of human research: Review processes, Institutional ethical committees, composition of committees, review procedures, WHO, UNESCO and ICMR guidelines.

References :

1. Epidemiology: An Introduction. Kenneth J. J. Rothman. Latest edition / Pub. Date: May 2002. Publisher: Oxford University Press.
2. Epidemiology. Leon Gordis. Latest edition / Pub. Date: November 2004. Publisher: Elsevier Health Sciences.
3. Diseases and Human Evolution. Ethne Barnes. Latest edition / Latest edition / Pub. Date: March 2005. Publisher: University of New Mexico Press.
4. Epidemiology: Beyond the Basics. F. Javier Nieto, Moyses Szklo. Latest edition / Pub. Date: November 2003. Publisher: Jones & Bartlett Publishers, Inc.
5. Basic and Clinical Biostatistics. Beth Dawson, Robert G. Trapp, Robert Trapp. Latest edition / Pub. Date: March 2004.
6. Discovering Statistics Using SPSS. Andy Field. Latest edition / Pub. Date: April 2005. Publisher: SAGE Publications.
7. Arora PN & Malhon PK (1996). Biostatistics Imalaya Publishing House, Mumbai.
8. Sokal & Rohif (1973). Introduction to Biostatistics, Toppan Co. Japan.
9. Stanton A & Clantz, Primer of Biostatistics -- The McGraw Hill Inc., New York.
10. Government of India. Good Clinical Practices for Clinical Research in India. New Delhi: 2001
11. Indian Council of Medical Research. Ethical Guidelines for Biomedical Research on Human Subjects. New Delhi: 2000
12. United Nations Educational, Scientific and Cultural Organisation (UNESCO). Universal Declaration on Bioethics and Human Rights. Paris; 2005

AGENDA NO. 06

TO RATIFY THE ACTION OF THE UNIVERSITY ON THE IMPLEMENTATION OF THE RECOMMENDATIONS OF THE EXPERT COMMITTEE WITH REGARD TO CHANGE OF

ELIGIBILITY CRITERIA FOR PURSUING PG DIPLOMA IN DIABETES EDUCATION UNDER ALLIED HEALTH SCIENCES.

The Standing Academic Board has resolved to ratify the inclusion of

1. All B.Sc Life Sciences related courses,
2. B.Pharm,
3. Bachelor of Physiotherapy
4. Bachelor of Occupational Therapy
5. B.Sc Nutrition, Food Service Management and Dietetics
6. B.Sc Clinical Nutrition & Dietetics
7. B.Sc Food & Nutrition
8. B.Sc Nutrition, Dietetics & Food Science service Management
9. B.Sc Food Science and Nutrition

in Eligibility Criteria for admission to the Post Graduate Diploma in Diabetes Education Programme from the Academic Year 2020-21 admission onwards.

**XXI. AGENDA FROM BOARD OF STUDIES IN UG ALLIED
HEALTH SCIENCE COURSES.**

AGENDA NO.1

**TO DISCUSS AND DECIDE ON THE SUGGESTIONS
SUBMITTED BY THE STATE PRESIDENT, TAMILNADU
RADIOLOGICAL ASSISTANTS ASSOCIATION, CHENNAI,
FOR UG DEGREE COURSES UNDER ALLIED HEALTH
SCIENCE.**

The Standing Academic Board has resolved that both in service and non-service candidates should undergo one year Internship training in B.Sc., Radiography and Imaging Technology (RIT) and B.Sc., Radiotherapy Technology (RTT) courses, as one year Internship is mandatory per AERB norms.

The above resolution substituted as follows:

Resolved that both in service and non-service candidates should

undergo one year Internship training in B.Sc.,Radiography and Imaging Technology (RIT) and B.Sc., Radiotherapy Technology (RTT) courses, as internship is mandatory for a candidate to have hands on Practical training to work in Imaging and Therapy facilities, establish and run as per AERB norms.

AGENDA NO.2

TO DISCUSS AND DECIDE ON THE SUGGESTIONS SUBMITTED BY THE PRESIDENT, GRADUATE'S RADIATION TECHNOLOGISTS ASSOCIATION OF TAMILNADU, PALAYAMKOTTAI IN UG DEGREE COURSES UNDER ALLIED HEALTH SCIENCE.

The Standing Academic Board has resolved

- To constitute an Expert Committee to specify Minimum Qualifications for Teachers to teach B.Sc., Radiography and Imaging Technology and M.Sc., Radiography and Imaging Technology students.
- To forward the outcome of the Expert Committee Meeting to The Government of Tamil Nadu for their consideration, as these courses are conducted by Government Medical colleges.

AGENDA NO.3

TO RATIFY THE ACTION TAKEN ON THE INCLUSION OF GENERAL NURSING AND MIDWIFERY (GNM) AND B.Sc., NURSING COURSES AS ONE OF THE ELIGIBILITY CRITERIA IN THE EXISTING REGULATION TO PURSUE CERTIFICATE COURSE IN COMMUNITY HEALTH CARE.

The Standing Academic Board has resolved to ratify the action taken by the University in including General Nursing and Midwifery (GNM) and BSc Nursing courses as Eligibility criteria in the existing Regulation for Certificate Course in Community Health Care from the academic year 2020-2021 onwards.

AGENDA NO.4

TO DISCUSS AND DECIDE ON THE REGULATIONS FRAMED FOR TRANSFER / MIGRATION FROM ONE RECOGNIZED INSTITUTION TO ANOTHER RECOGNIZED INSTITUTION FOR ALLIED HEALTH SCIENCE COURSES.

The Standing Academic Board has resolved to approve the minutes of the Expert Committee constituted on 7th April 2021 with regard to regulations for transfer/migration of students from one recognized institution to another recognized institution under Allied Health Science Courses. Further, resolved to follow the respective council norms wherever applicable with regard to transfer of student from one institution to another and to implement for the candidates applying from the Academic Year 2021-2022 onwards.

Minutes of the Expert Committee meeting:

The Expert Members reviewed the Guidelines for transfer of candidates from one recognized Institution to another recognized Institution of this University and suggested as follows :

1. To delete point no.V "Migration/Transfer shall be effected only at the beginning of the concerned year of study" in existing Guidelines for Migration/Transfer of from one recognized

Institution to another recognized Institution.

2. The term days and attendance will be considered for the candidate from the beginning of the academic year irrespective of the institution.
3. The course completion certificate should be issued by the transferee college based on the attendance records issued by the primary institution.
4. Only one transfer will be considered for a student during the entire course of study including internship.

AGENDA NO.5

TO DISCUSS AND DECIDE TO MODIFY THE EXISTING SYLLABUS FOR B.Sc., CARDIAC TECHNOLOGY & B.Sc., PHYSICIAN ASSISTANT COURSES UNDER UG ALLIED HEALTH SCIENCES.

The Standing Academic Board has resolved to approve the recommendations of the Expert with regard to Pathology & Microbiology syllabus content in B.Sc., Cardiac Technology and resolved to include the following topics in pathology contents:

Stress Myocarditis, COVID Myocarditis, Viral Myocarditis and Viral Induced clotting.

The Standing Academic Board has resolved to approve the opinion given by the Expert Member with regard to inclusion of Pathology syllabus in B.Sc Physician Assistant Course.

This will be implemented for the candidates admitted from Academic Year 2020-2021 onwards.

I. B.Sc CARDIAC TECHNOLOGY

PATHOLOGY SYLLABUS

GENERAL PATHOLOGY

1. **INTRODUCTION**, CONCEPT OF DISEASE, CELL INJURY CAUSES, CELLULAR RESPONSES TO STRESS & NOTORIOUS STIMULI, CELLULAR ADAPTATION OF GROWTH & DIFFERENTIATION – ATROPHY, HYPERTROPHY, HYPERPLASIA AND METAPLASIA.
2. **CELL INJURY – REVERSIBLE INJURY** – TYPES, MORPHOLOGY, INTRACELLULAR ACCUMULATIONS, FATTY CHANGE, CELLULAR AGEING
3. **CELL INJURY – IRREVERSIBLE INJURY** – TYPES, MORPHOLOGY, NECROSIS, APOPTOSIS, DYSTROPHIC AND METASTATIC CALCIFICATION
4. GENERAL FEATURES OF **INFLAMMATION**, HISTORY, STIMULI FOR ACUTE INFLAMMATION, VASCULAR & CELLULAR EVENTS, CHEMICAL MEDIATORS
5. **CHRONIC INFLAMMATION**- CAUSES, FEATURES AND EXAMPLES
6. **WOUND HEALING**, REGENERATION, REPAIR & FRACTURE HEALING
7. **EDEMA** – TYPES WITH EXAMPLES, HYPEREMIA, CHRONIC VENOUS CONGESTION & HEMORRHAGE
8. **THROMBOSIS** – ETIOPATHOGENESIS, MORPHOLOGY AND FATE OF THROMBUS
9. **EMBOLISM** – ETIOPATHOGENESIS AND MORPHOLOGY

10. **GANGRENE AND SHOCK**
11. **VITAMIN DEFICIENCIES AND ASSOCIATED CARDIOVASCULAR DISORDERS.**

SYSTEMIC PATHOLOGY

I.THE BLOOD VESSELS AND LYMPHATICS

- **HYPERTENSION** – ETIOPATHOGENESIS, CLINICAL FEATURES, MORPHOLOGY AND COMPLICATIONS
- **ATHEROSCLEROSIS** – ETIOPATHOGENEIS, MORPHOLOGY, COMPLCATIONS, GENETIC FACTORS AND CLINICAL IMPLICATIONS
- **VASCULITIS** - INFECTIOUS ARTERITIS, NON-INFECTIOUS ARTERITIS – TYPES, CLINICAL FEATURES AND MORPHOLOGY.
- **ANEURYSMS**- TYPES, ETIPATHOGENESIS, CLINICAL FEATURES AND MORPHOLOGY

II. HEART

- **HEART FAILURE** - ETIOLOGY, TYPES OF HEART FAILURE, COMPENSATORY MECHANISMS
- **CONGENITAL HEART DISEASE** MALPOSITIONS OF THE HEART, SHUNTS (CYANOTIC CONGENITAL HEART DISEASE), OBSTRUCTIONS (OBSTRUCTIVE CONGENITAL HEART DISEASE)

- **ISCHAEMIC HEART DISEASE**, ETIOPATHOGENESIS, LABDIAGNOSIS, EFFECTS OF MYOCARDIAL ISCHAEMIA, GROSS AND MICROSCOPIC FEATURES.
- **RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE** – ETIOPATHOGENESIS AND MORPHOLOGY
- **ENDOCARDITIS**, ATYPICAL VERRUCOUS (LIBMAN-SACKS) ENDOCARDITIS, NON-BACTERIAL THROMBOTIC (CACHECTIC, MARANTIC) ENDOCARDITIS, INFECTIVE (BACTERIAL) ENDOCARDITIS – TYPES, ETIOLOGY AND MORPHOLOGY,
- **VALVULAR DISEASES AND DEFORMITIES** – ETIOPATHOGENESIS, TYPES, CLINICAL FEATURES AND MORPHOLOGY
- **CARDIOMYOPATHY** - CARDIAC HYPERTROPHY AND DILATATION – ETIOPATHOGENESIS, TYPES AND MORPHOLOGY.
- **MYOCARDIAL DISEASES** - MYOCARDITIS, CARDIOMYOPATHY - ETIOPATHOGENESIS, TYPES AND MORPHOLOGY
- **PERICARDIAL DISEASES**, PERICARDIAL FLUID ACCUMULATIONS, PERICARDITIS – TYPES AND MORPHOLOGY
- **TUMOURS OF THE HEART** – TYPES, GROSS AND MICROSCOPIC FEATURES.
- STRESS MYOCARDITIS, COVID MYOCARDITIS, VIRAL MYOCARDITIS AND VIRAL INDUCED CLOTTING.

MICROBIOLOGY SYLLABUS

I General Microbiology:

Introduction and History of Microbiology

Sterilisation and Dis-infection General and specific

Methods related to instruments and catheters used in

Cardiac related conditions

Staining : Grams and Acid Fast

Basics in Culture Media and Identification of Bacteria

Antibiotic Sensitivity Testing and its Clinical Application

Hospital Infection Control Practices

Bio Medical Waste Management

II: Immunology

Basics of Cells and Organs of Immune System

Types of Immunity--- Innate, Humoral and Cell mediated

Antigen, Antibody and Antigen – Antibody reaction

Serological and Immunological tests

Hypersensitivity Reactions---Anaphylaxis

Immunodeficiency and Autoimmunity

Transplantation Immunity and HLA Typing

Immuno-haematology

Vaccines and Universal Immunisation

III: Diseases of the Blood and Cardio Vascular System

: Diseases transmitted by blood and blood products

Mechanism of transmission and its Prevention

: Rheumatic fever --- Aetiology, pathogenesis,

Laboratory diagnosis and Prevention

: Infective Endocarditis: Aetiology, pathogenesis,

Laboratory diagnosis and Prevention

: Hepatitis B and C virus – Structure,

Pathogenesis, lab diagnosis and prevention

: HIV --- Structure, Pathogenesis, Lab diagnosis and

Prevention

: Sepsis—Aetiology, Pathogenesis, Lab diagnosis and

Prevention

: Device Associated Infections --- Aetiological agents,
Mechanism of transmission, Bio films and Prevention

IV: **Practicals:**

: Spotters demonstration for identification and two
points for identification.

: Grams Staining --- Procedure, observation and
Reporting

: Acid Fast Staining --- Procedure, observation and Reporting

: Problem Solving Exercise --- Simple case studies related
To Blood and Cardio vascular conditions in which
Cardiac technologist has a role to perform.

II B.Sc., (PHYSICIAN ASSISTANT) COURSE

Expert opinion on B.Sc., (PHYSICIAN ASSISTANT) COURSE :

- Review of syllabus of BSc (Physician Assistant) course sent by University by email was thoroughly done
- The need for inclusion of pathology was focused on review
- There are units of syllabus which include haematology, pathogenesis and applied pathology

- There are units of syllabus which covers clinical skill based curriculum including principles of pathology

Thus it is reflected that **there is No Need for further inclusion of content of pathology** for B.Sc.,(Physician Assistant) course syllabus

Any other Item:

- The Standing Academic Board has resolved to constitute an expert committee to specify the Minimum Qualifications for Teachers to teach various Undergraduate courses in Allied Health Science courses.

M.D(HOMEO) EXAMINERS/ GUIDE LIST

(HOMEO) ANNEXURE-I

23

Karimnagar, Karimnagar Dist., Tamil Nadu

Sl.No	Name of the faculty members to be considered for approval as external examiner/guides	Subject	College
1.	Dr. G. Satya Sai Prasad, MD(Hom.)	Organon of Medicine	Dr.Gururaju GHMC, Gudivada
2.	Dr.Dahad Ajay.O, MD(Hom.)	Organon of Medicine	Smt.K.B.Abad Homoeopathic Medical College, Nashik
3.	Dr.Jacintha Monteiro	Organon of Medicine	Fr.Muller HMC, Mangalore
4.	Dr.Narasimhulu, MD(Hom.)	Materia Medica	Dr.Gururaju GHMC, Gudivada
5.	Dr.Shreepad Hegde, MD(Hom.)	Materia Medica	Govt. Homoeopathic Medical College Bangalore
6.	Dr.(Mrs.) Deepa S.Varoor	Materia Medica	BHMC &H, Belgaum
7.	Dr.K.V.V.S.Sathyakumar, MD(Hom.)	Repertory	Dr.Gururaju GHMC, Gudivada
8.	Dr.K.R.Mansoor Ali	Repertory	Govt. Homoeopathic Homoeopathic Medical College, Thiruvananthapuram
9.	Dr.(Mrs.) P.A.Choudhary	Repertory	BHMC &H, Belgaum
10.	Dr.(Mrs.) S.M.Udachankar	Repertory	BHMC &H, Belgaum
11.	Dr.Kurian. P.J	Repertory	Fr.Muller HMC, Mangalore
12.	Dr.Anita Lobo	Repertory	Fr.Muller HMC, Mangalore
13.	Dr.Ashok Patel, MD(Hom.)	Practice of Medicine	HKES Homoeopathic Medical College & Hospital, Gulbarga
14.	Dr.Sucheta Kanta , MD(Hom.)	Practice of Medicine	HKES Homoeopathic Medical College & Hospital, Gulbarga
15.	Dr.Sabarirajan, MD(Hom.)	Practice of Medicine	Vinayaka Missions Homoeopathic Medical College, Salem
16.	Dr.G.Satheesh	Practice of Medicine	Govt. Homoeopathic Homoeopathic Medical College, Thiruvananthapuram
17.	Dr. Jyoshna Shivaprasad	Paediatrics	Fr.Muller HMC, Mangalore

Copy in Action

ANNEXURE-II
GOVERNMENT HOMOEOPATHIC MEDICAL COLLEGE AND HOSPITAL, BANGALORE
Information about Examiners for M.D. (Hom) course

Sl No	Name of Examiner	Qualifications in Homoeopathy	Year of Completion of courses for obtaining qualifications as in column No.3	Name of Awarding authority of Qualifications as in column No.3	Teaching Experience	Teaching staff which teaching experience gained with name of college where taught	Subject wherein teaching experience gained (with supporting Authentic Documents)	Registration No. And date obtaining it from state Council and Whether is renewed.	Whether the Guide & Guide Examiner have been in the same subject or in any other University along with the name of subject & the period for which she / he had / has been a guide / Examiner in M.D course.
1	2	3	4	5	6	7	8	9	10
DEPARTMENT OF ORGANON OF MEDICINE									
1	DR. MALLINATH, PROFESSOR	BHMS MD (HOM) ORGANON	1997 2011	Gulbarga university RGUHS, BANGALORE	16 ½ YRS	GHMC, BANGALORE	ORGANON OF MEDICINE	A - 6415	YES, RGUHS
DEPARTMENT OF MATERIA MEDICA									
2	DR. SHREEPAD HEGDE, PROFESSOR	GCEH BHMS M.D. (HOM) MAT.MEDICA	1983 1987 2004	KBHSM, BANGALORE NTRHS DR.B.A.M.U., MAHARASHTRA STATE	24 ½ YRS	GHMC, BANGALORE	MATERIA MEDICA	A-2851	YES, In the subject "Mat.Medica" RGUHS
3	DR. USHA.C., PROFESSOR	BHMS M.D. (HOM) MAT.MEDICA	1991 2007	KBHSM, BANGALORE MAHARASHTRA STATE	19 ½ YRS	GHMC, BANGALORE	MATERIA MEDICA	A-4653	YES, In the subject "Mat.Medica" RGUHS
4	DR. ASHOK KUMAR DANTKALE, PROFESSOR	BHMS MD (HOM) MAT.MEDICA	1995 2008	BANGALORE UNIVERSITY RGUHS, BANGALORE	9 YRS (AS PER GOVERNMENT ORDER & UNIVERSITY APPROVAL)	GHMC, BANGALORE	MATERIA MEDICA	A-5590	YES, RGUHS IN THE SUBJECT MAT. MEDICA

27

DEPARTMENT OF REPERTORY									
5	DR. MUNIR AHMED R., PROFESSOR	GCEH	1986 AUGUST	KBHSM, BANGALORE	24 ½ YRS	GHMC, BANGALORE E	REPERTORY	A-34461 10 th AUG 1986	YES, RGUHS, Vinayaka Mission, MUHS, NTRHS(As Examiner)
		M.D. (HOM) REPERTORY	2004 MARCH	DR.B.A.M.U., MAHARASHTR A STATE					
6	DR. V. GURUPRASAD, PROFESSOR	LCEH	1987 MAY	KBHSM, BANGALORE	24 ½ YRS	GHMC, BANGALORE E	REPERTORY	A-3738 MAY 1987	YES, In the subject "Repertory" RGUHS
		M.D. (HOM) REPERTORY	2005 AUGUST	DR.B.A.M.U., MAHARASHTR A STATE					
DEPARTMENT OF PRACTICE OF MEDICINE									
7	DR. SANDHYA K. MANUR, PROFESSOR & PRINCIPAL	BHMS	1988	KBHSM, BANGALORE	24 ½ YRS	GHMC, BANGALORE E	PRACTICE OF MEDICINE	A3903	YES, RGUHS
		MD(HOM) MAT.MEDICA	2005	JRNR NAGAR, UDAIPUR					
8	DR. P.D. PRAVEEN KUMAR, PROFESSOR	M.D.(HOM)	2000	DR.B.A.M.U., MAHARASHTR A STATE	19 ½ YRS	GHMC, BANGALORE E	PRACTICE OF MEDICINE	A-4939	YES, RGUHS
DEPARTMENT OF PAEDIATRICS									
9	DR. USHA.S., PROFESSOR	GCEH	1985	KBHSM, BANGALORE	24 ½ YRS	GHMC BANGALORE E	PAEDIATRICS	A - 3183	YES, RGUHS
		M.D(HOM) MAT. MEDICA	2005	JRNR NAGAR, UDAIPUR					

Above information is true to best of the knowledge of Undersigned

List of the Faculty members for approval as external examiners/guides

S.No.	Name of the Faculty members to be considered for approval as external examiners/guides	Subject	Institution.
1.	Dr.Satheesh M.Nair	Organon of Medicine	Sarada Krishna Homoeopathic Medical College, Kulasekharam
2.	Dr.Surej Bobbin P.G	Materia Medica	Sarada Krishna Homoeopathic Medical College, Kulasekharam
3.	Dr.Priyanka P.S	Repertory	Sarada Krishna Homoeopathic Medical College, Kulasekharam
4.	Dr.Arun R.Nair	Practice of Medicine	Sarada Krishna Homoeopathic Medical College, Kulasekharam
5.	Dr.Sreekumar K.R	Paediatrics	Sarada Krishna Homoeopathic Medical College, Kulasekharam
6.	Dr.Beneitha Horrence Mary /D	Paediatrics	Sarada Krishna Homoeopathic Medical College, Kulasekharam
7.	Dr.Mahadevi A.L	Paediatrics	Sarada Krishna Homoeopathic Medical College, Kulasekharam

