



# TAGORE MEDICAL COLLEGE & HOSPITAL

Rathinamangalam, Melakkottaiyur Post, Chennai - 600127.

Phone : 044-30101111, Fax : 044-222 5555, Email: tagoremch@gmail.com



(Affiliated to the Tamil Nadu Dr.MGR Medical University & Recognized by the Ministry of Health & Family welfare, Govt. of India New Delhi)

## Department of Anatomy

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

### I MBBS

s. no	Curriculum details	Crosscutting issues in curriculum / syllabus
1.	Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue	Covers - Gender in the curriculum Bioethics- privacy and confidently
2.	Describe the principles of genetic counseling	Covers - Gender in the curriculum Bioethics- privacy and confidently
3.	Enumerate and describe the anatomical principles underlying contraception	Right to health ISSUES Emerging demographic changes Gender
4.	Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio"	Covers - Gender in the curriculum Bioethics- privacy and confidently Health Determinants in curriculum
5.	Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	Human Value, Health Determinants, Right to health issues

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CME s, workshop or events

Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	<b>CADAVERIC OATH TAKING CEREMONY</b> DATE: 19.10.2023	Human Value , Professional Ethics
2.	Guest lecture <b>Topic: "Cracking the Code. A Guide to Medical Genetics for Health Care Professionals"</b> DATE:10 .05.2024	Right to health, Emerging Demographic changes

  
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## **TOPIC: CADAVERIC OATH TAKING CEREMONY**

DATE: 19.10.2023



The Department of Anatomy, Tagore Medical College and Hospital, organized a cadaveric Oath taking ceremony for the first year MBBS students on 19.10.2023. The occasion was graced by Dean, Prof. Dr. Muthukumaran, Medical Superintendent Dr. Jayakumar, HOD's and faculties of our departments. The ceremony began with a welcome address by Dr. D.H.Gopalan, Vice Principal & Head of the Department of Anatomy and explained the importance of cadaveric oath to the First year MBBS students (Batch 2023-2024) and followed by the students pledge. Students responded to the Google form's questions about the ethics and value of cadavers. We thank our Chairperson, Secretary, Dean and Medical Superintendent for making this event successful.

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## DEPARTMENT OF ANATOMY

### GUEST LECTURE CONDUCTED ON "Cracking the Code. A Guide to Medical Genetics for Health Care Professionals" ON 10.05.2024

**Guest Speaker: Dr. K. SUBA ANANTHI M S.,**  
Professor, Department of Anatomy,  
Indira Gandhi Medical College and Research Institute



The Department of Anatomy, Tagore Medical College and hospital, organized a Guest lecture on "**Medical Genetics**" for the first year MBBS & BDS students on 10.05.2024. Before the event the students filled the pretest form and the occasion was graced by HOD and faculties of the department. Dr. D.H.Gopalan, Head of Anatomy Department, gave a welcome address and provided an overview of the chromosomal abnormalities and its inheritances. Before starting the session Dr. K. Suba Ananthi guest speaker felicitated 2022 -2023 Student Preethi for securing medal exam winner for Anatomy subject. Dr. K. Suba Ananthi delivered her lecture on basic Structure of chromosomes, pedigree chart, karyotyping & Genetic inheritance to the students about medical genetics. The programme concluded with a post test and feedback from filling by the students. We would like to thank our Chairperson, Secretary, Medical Superintendent and Dean for making this event a success.

  
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## DEPARTMENT OF ANATOMY CROSS CUTTING ISSUES – (2023-2024) BATCH

S. No.	Date	Curriculum details	Crosscutting issues in curriculum / syllabus	Faculty Name	Teaching Learning Method
1.	19.10.2024	AN 82.1 Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue	Covers - Gender in the curriculum Bioethics-privacy and confidently	Dr. D.H. Gopalan	Lecture
2.	12.02.2024	AN 75.5 Describe the principles of genetic counseling	Covers - Gender in the curriculum Bioethics-privacy and confidently	Dr. M. Vani	Lecture
3.	23.02.2024	AN 77.5 Enumerate and describe the anatomical principles underlying contraception	Right to health ISSUES Emerging demographic changes Gender	Dr. C. Swathi Priyadharshini	Lecture
4.	07.03.2024	AN 77.6 Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio"	Covers - Gender in the curriculum Bioethics-privacy and confidently Health Determinants in curriculum	Dr. M. Vani	Lecture
5.	28.03.2024	AN 79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	Human Value, Health Determinants, Right to health issues	Dr. D.H. Gopalan	Lecture

  
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## Department of Anatomy

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### I MBBS

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## Department of Physiology

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### I MBBS 2023-2024

S. no	Curriculum details	Crosscutting issues in curriculum / syllabus
1.	Demonstrate the correct clinical examination of the following (clinical practical session) PY4.10 Abdomen in a normal volunteer or simulated environment PY5.15 cardiovascular system in a normal volunteer or simulated environment PY6.9 clinical examination of the respiratory system in a normal volunteer or simulated environment	Covers – Gender Sensitivity in the curriculum Bioethics- privacy and confidentiality
2.	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it PY9.9 Interpret a normal semen analysis report including, as per WHO guidelines and discuss the results PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility. PY10.10 Describe and discuss chemical transmission in the nervous system.(Outline the psychiatry element).	Emerging demographic changes in curriculum Professional Ethics
3.	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects PY11.45 Describe and discuss physiological consequences of sedentary lifestyle	Right to health Emerging demographic changes Health Determinants in curriculum
4.	PY11.13 Obtain history and perform general examination in the volunteer /simulated environment PY11.14 Demonstrate Basic Life Support in a simulated environment	Covers - Gender in the curriculum Bioethics- privacy and confidentiality Health Determinants in curriculum

Faculty covered these topics – Dr. NAVIN RAJARATNAM PROF & HEAD,  
Dr. S. SASIKUMAR ASSOCIATE PROF, Dr. S. SUBAMALANI ASSOCIATE PROF, Dr. K. DEEPIKA, ASSISTANT PROF

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S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	STETHOSCOPE CEREMONY – 02/11/2023	Human value ,Professional Ethics
2.	YOGA DAY -21/06/2024	Health Determinants

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## STETHOSCOPE CEREMONY 2023



The Department of Physiologyorganised a **Stethoscope Ceremony2023 for I MBBS students' batch of 2023-2024**,a first-of-its-kind event being started in the year 2022. In continuing with that the current ceremony was organized and the event was held on**02.11.2023**.

This ceremony is a symbolic and memorable step forward in the MBBS program, impressing on students that medical professional life starts as soon as they begin their medical studies and they are bound by the same professional commitments that bind other doctors.

The event began with the 'ThamizhThaaiVaazhthu'. DrSubamalani, MSc, PhD, Associate Professor, welcomed the gathering. The felicitations followed and then the Dean, Prof DrMuthukumaran, MS, MCh gave the inaugural address.Prof. Dr. Jayakumar, MS, Medical Superintendent and Prof. Dr. D. H. Gopalan, MS, PhD, ACME, Vice Principal of TMCH shared their experiences as medico.

Followed by this Professor and Head of department of Physiology Prof. Dr. NavinRajaratnam, MD, M.Phil gave a speech about the importance of stethoscope in medical profession then Students were then invested with their stethoscopes by the dignitaries.

This was followed by HOD, dept of Physiology administering the oath of a budding doctor. Dr.Shiden Kumar TK, MBBS, Tutorgave a report on the Pre -event competition like essay writing, short story, poetry writing Memescreation and declared the winners. Then Certificates and prizes were distributed.

The event ended with the vote of thanks by DrJoel Moses, MBBS, and the National anthem

  
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## **YOGA DAY – 21/06/2024**

A CME on “Yoga and Wellness” was organized by the Department of Physiology in collaboration with Medical Education Unit, Tagore Medical College and Hospital on 21<sup>st</sup> June 2024. The event was conducted as a part of 10<sup>th</sup> International Yoga Day celebrations with the theme 'Yoga for Self and Society'. The event was presided by Dean, Dr. J. Muthukumaran; Dr. R.Shanthimalar, Director; Dr. Jayakumar, Medical Superintendent; Dr. DH Gopalan, Vice principal; Dr. Thirunarayanan, Special Officer. The inauguration ceremony was conducted in hospital auditorium which started with “Thamizh Thai Vaazhthu” followed by welcome address by Dr. NavinRajaratnam, Professor and Head, Department of Physiology. There was a yoga demonstration and practice session for all 150 students of Phase II MBBS in the auditorium by Mrs. RojaPrabakaran, Yoga Instructor, TMCH. This was followed by an interactive session on “Yoga and Wellness in health” by Mr. NishanthRavichandran, Managing Director, Tri2champ sports Pvt. Ltd. Next, Dr. K. PremKumar, Associate Professor, Department of Psychiatry, TMCH gave a talk on “Navigating stress in a fast-paced world: Strategies for maintaining wellbeing”. Both the sessions were very informative for the participants.

In this program, Yogasana competition, Oral presentation, Poster presentation, Debate, Painting and Creative corner was conducted for students. These events were judged by faculties of various departments. The guest of honor for the valedictory program were Dr. Luck, Professor and Head, Department of Pathology and Dr. Sangeetha, Professor of Pathology. Prizes and certificates were distributed to the winners of various events during the valedictory program. Vote of thanks was delivered by Dr. Deepika. K, Assistant Professor, Department of Physiology. The program ended with National anthem. All the students actively participated in the CME and competitions and they found it to be beneficial.

  
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*Thirumala*

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## DEPARTMENT OF BIOCHEMISTRY

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### I MBBS

s. no	Curriculum details	Crosscutting issues in curriculum / syllabus
1.	Interpret the results of laboratory investigations such as RFT,LFT,TFT related to various metabolic and genetic diseases	Covers - Health Determinants Bioethics- privacy and confidently
2.	1.Provide Dietary advice for optimal health in childhood and adult in disease condition like Diabetes mellitus,cardiovascular disease and in pregnancy  2.Describe and discuss acid base disorders ( clinical case examples )	Emerging demographic changes in curriculum  Right to health Health Determinants in curriculum
3.	1. Discuss the bioethical values of stem cell research	Professional ethics
4.	1. Describe and discuss the types of biomedical wastes and its management	Covers – Environmental sustainability.

Faculty covered these topics - Dr. K.Prabhakaran ,PROF & HEAD , Dr. R.Harini,Associate Prof, Dr.K.Kasthuri Asst Prof , Dr.Abirami , Senior resident.

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## CME s, workshop or events

Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	A CME on “ Biochemical Insights in clinical practice – Bridging bench to bedside “ on 12.06.2024	Right to health, Human Value , Professional Ethics
2.	A National Conference on “Biochem Infertility Nexus2024” on 20.09.2024 & 21.09.2024	Right to health , Emerging Demographic changes
3.	A training programme was organized on 1.08.2024 on “ Fire safety guidelines”	Right to health,Bioethics, Health Determinants in curriculum
4.	A Guest lecture on “ Biochemical Aspects of Cancer “ ON 30.01.24	Health Determinants , Right to health issues

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## “BIOCHEMICAL INSIGHTS IN CLINICAL PRACTICE – BRIDGING BENCH TO BEDSIDE “

Organized by **DEPARTMENT OF BIOCHEMISTRY,**  
**TAGORE MEDICAL COLLEGE AND HOSPITAL**

Date: 12-06-2024, 9.00 am to 3.30 pm



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A Continuing Medical Education (CME) Programme was organised on 12<sup>th</sup>, June 2024 on the **“Biochemical Insights In Clinical Practice – Bridging Bench To Bedside “** in the Lecture Hall 1 from 09.00 am to 3.30 pm at Tagore Medical College and Hospital, Chennai. The speaker was Dr.L.Karpagavel , MD Biochemistry, Professor and HOD, Chettinad Hospital and Research Institute and Dr. M.Priyadarssini , MD,DNB , Assistant Professor , Sri venkateswara Medical college and research institute , Pondicherry. The program started with Tamizhthai Vaazhththu. Dr. J.Muthukumaran MD.,Dean did the welcome address. Dr. Shenbagalalitha ,Associate Professor and Head in charge , Department of Biochemistry, introduced the speaker . Dr.L.Karpagavel, spoke about the role of Biochemical markers in everyday clinical practice and the next session followed by Dr. M.Priyadarssini shared a online lecture on “ Recent trends in molecular biology” and the importance of Molecular biology in diagnostic uses in the clinical practice. The programme was attended by One hundred Fifty first year Medical Students, Faculties and Post Graduate students. The programme conducted was very successful.

*T. Muthukumaran*  
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**“BIOCHEM INFERTILITY NEXUS2024”**  
NATIONAL CONFERENCE on the topic  
Organized by **DEPARTMENT OF BIOCHEMISTRY,**

**Date:** 20.09.2024 & 21.09.2024

**Time:** 8.30 am - 3.30 pm



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## Programme Report :

A National Conference was organised on 20 th and 21 st September 2024, from 8.30 am to 3.30 pm in the Lecture Hall 1, Tagore Medical College and Hospital, Chennai, on ,”BIOCHEM INFERTILITY NEXUS-2024” . The chief guests are Dr.M. Vinodhini M.D , Professor and HOD , Department of Biochemistry, SRM Medical college, Katankulathur and Dr.Kamala selvaraj , MD,DGO.,PhD, Fertility expert , GG Hospital , Nungambakkam, Chennai. The program started with Tamizhthai Vaazhthu. Dr.S.Shenbagalalaitha Professor and Head in charge , Department of Biochemistry, addressed the gathering and introduced the chief guests to the audience followed by felicitation of the chief guests and the dignitaries . Dr.J. Muthukumaran M D., Dean felicitated the chief guests with a bouquet and shawl . Dr. Harini MD shared a lecture on “ Workshop on biomarkers of infertility – pitfalls in laboratory analysis” Dr.Sujatha MD focused on the topic “ Hormonal blue print : Biochemistry of reproduction “ . Dr.Ramesh raja MBBS , DCE gave an insight on “ Male infertility : Biochemical perspectives and interventions”. Dr.Indhuja MD shared a lecture topic on “ Female infertility : Biochemical insights” .

Dr.Changati sridevi MD focused on “ Molecular genetics and infertility : Tools and techniques”. Dr. Malini MD gave a talk on “ Application of metabolomics in assisted reproductive technology”. Lastly , Dr. Sridevi MD,PGD Hsc gave an knowledge on “ The influence of metabolic factors and diet on fertility”. The Conference ended with the vote of thanks by faculty from the Department of Biochemistry. The programme was attended by One hundred Fifty first year Medical Students, Faculties and Post Graduate students from all over India.

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## “BIOCHEMICAL ASPECTS OF CANCER”

### GUEST LECTURE

### DEPARTMENT OF BIOCHEMISTRY

**Date: 30.01.2024**



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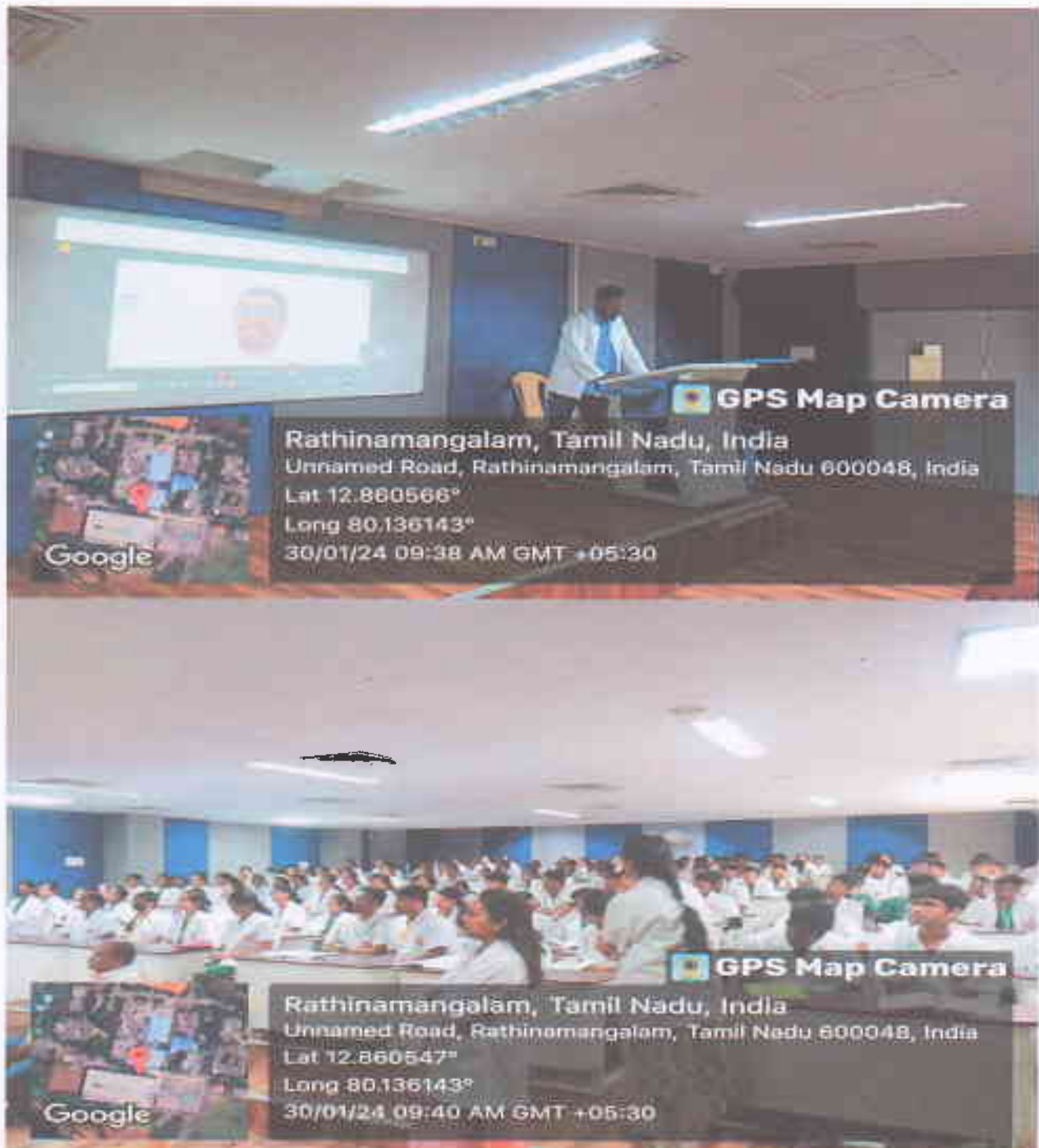
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## Event Report:

A Online guest lecture programme was organised on 30<sup>th</sup> January 2024, from 9.00 am to 10.30 am in the Lecture Hall 1, Tagore Medical College and Hospital, Chennai, on, "Biochemical aspects of cancer ". The speakers were Dr. Desigamani, M.Sc., Ph.D , Professor , Department of Biochemistry, Meenakshi medical college and hospital, Kanchipuram . Dr. K.Prabhakaran , Professor and Head , Department of Biochemistry, addressed the gathering and introduced the speaker . Dr. Desigamani focused on the biochemical mechanisms underlying cancer development, a crucial topic in modern biomedical research. The objective was to increase awareness among students and faculty about the molecular pathways involved in cancer and their potential as therapeutic targets. The guest lecture also gave a light on Molecular

  
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Mechanisms in Cancer including Gene Mutations and Oncogenes, Cell Cycle Dysregulation: Mechanisms of uncontrolled cell division and evasion of apoptosis & Metabolic Reprogramming and elaborated on the aspects of Biochemical Markers and the therapeutic implications. The speaker clarified the questions and discussed about the same to the Faculties and UG Students. The programme was attended by One hundred Fifty first year Medical Students and our department Faculties.

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## **“A TRAINING PROGRAMME ON THE TOPIC “FIRE SAFETY GUIDELINES ACCORDING TO NABH “**

DATE : 01.08.24

TIME : 2.30 PM – 3.30 PM



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## Event Report

Fire Safety training was conducted by the Central Laboratory - Department of Biochemistry on 1 st August 01.08.2024 at Paediatric Department – Demo Room between 2.30 pm to 3.00 pm to all the faculty, Post graduates & Central Laboratory Technicians of Biochemistry, Microbiology, and Pathology Department by the fire safety officer Mr. Mohan and Mr. Karthik (Fire Safety Department, TMCH)

The training aimed to enhance safety awareness, compliance with fire safety regulations, and emergency response effectiveness. And hands on practice like fire extinguisher operation drills (PASS method: Pull, Aim, Squeeze, Sweep), Overview of different types of fire extinguishers (e.g., water, foam, CO2, dry chemical), Evacuation route walk-through, Roles and responsibilities during a fire emergency and Procedures for reporting a fire and activating fire alarms.

The fire safety training was successful in meeting its objectives Post training assessment was conducted to gauge knowledge improvement. The technician demonstrated a strong understanding of fire prevention, safety equipment, and emergency procedures. Continuous reinforcement of these practices will contribute to a safer working environment and improved readiness in the event of a fire emergency.

  
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## Department of Microbiology

- List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

### 2<sup>ND</sup> MBBS -MICROBIOLOGY (CBME) 2023 BATCH

S. No	Curriculum Section & Code	Curriculum Details	Crosscutting issues in curriculum / syllabus
1.	Section 1: General Microbiology <ul style="list-style-type: none"><li>Laboratory Diagnosis of Bacterial Infections (MI1.1, 1.2, 1.6, 8.9, 8.10)</li><li>Antimicrobial Resistance (MI1.6)</li></ul>	<ul style="list-style-type: none"><li>Biomedical Waste Disposal</li><li>Bioethics , USP,</li><li>Minimization of Drug Resistance</li><li>Research Ethics</li></ul>	<ul style="list-style-type: none"><li>Inclusion of Environment and Sustainability in the curriculum</li><li>Inclusion of Human Values in the curriculum</li><li>Inclusion of Right to Health Issues in the curriculum</li><li>Inclusion of Professional Ethics in the curriculum</li><li>Inclusion of Confidentiality in the curriculum</li><li>Inclusion of Emerging Demography in the curriculum</li><li>Inclusion of Health determinants in the curriculum</li><li>Inclusion of Communication Skills in the curriculum</li><li>Inclusion of Gender in the curriculum</li></ul>
2.	Section 3: Hospital Infection Control <ul style="list-style-type: none"><li>Health Care Associated Infection (MI 18.5, 8.6,</li></ul>	<ul style="list-style-type: none"><li>Biomedical Waste Disposal</li><li>Bioethics , USP</li></ul>	<ul style="list-style-type: none"><li>Inclusion of Environment and Sustainability in the curriculum</li></ul>

  
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	<ul style="list-style-type: none"> <li>8.7)</li> <li>Biomedical Waste Management (MI 8.5, 8.6)</li> <li>Sterilization &amp; Disinfection (MI 1.4, 1.5)</li> <li>Environmental Surveillance (MI 8.8)</li> </ul>	<ul style="list-style-type: none"> <li>Sterilization &amp; Disinfection</li> <li>Bacteriology of water, air and Milk</li> <li>Hospital acquired infections</li> <li>Hand Hygiene</li> <li>Respect to Patients</li> <li>Minimization of Drug Resistance</li> <li>Respect to Patients</li> <li>Right of patients to know the nature of illness and the prognosis of treatment</li> </ul>	<ul style="list-style-type: none"> <li>Inclusion of Human Values in the curriculum</li> <li>Inclusion of Right to Health Issues in the curriculum</li> <li>Inclusion of Professional Ethics in the curriculum</li> <li>Inclusion of Emerging Demography in the curriculum</li> <li>Inclusion of Health determinants in the curriculum</li> </ul>
3.	<p>Section 10: Urogenital Infection</p> <ul style="list-style-type: none"> <li>Sexually Transmitted Infection (MI 7.1, 7.2, 7.3, 8.15)</li> </ul>	<ul style="list-style-type: none"> <li>Biomedical Waste Disposal</li> <li>Bioethics, USP</li> <li>Minimization of Drug Resistance</li> <li>Respect to Patients</li> <li>Right of patients to know the nature of illness and the prognosis of treatment</li> </ul>	<ul style="list-style-type: none"> <li>Inclusion of Environment and Sustainability in the curriculum</li> <li>Inclusion of Human Values in the curriculum</li> <li>Inclusion of Right to Health Issues in the curriculum</li> <li>Inclusion of Professional Ethics in the curriculum</li> <li>Inclusion of Confidentiality in the curriculum</li> <li>Inclusion of Emerging Demography in the curriculum</li> <li>Inclusion of Health determinants in the curriculum</li> <li>Inclusion of Communication</li> </ul>

*[Signature]*  
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			<b>Skills in the curriculum</b> <ul style="list-style-type: none"><li>• Inclusion of Gender in the curriculum</li></ul>
4.	AETCOM	<ul style="list-style-type: none"><li>• Confidentiality</li><li>• Respect to patients samples</li></ul>	<ul style="list-style-type: none"><li>• Inclusion of Human Values in the curriculum</li><li>• Inclusion of Right to Health Issues in the curriculum</li><li>• Inclusion of Professional Ethics in the curriculum</li><li>• Inclusion of Confidentiality in the curriculum</li><li>• Inclusion of Communication Skills in the curriculum</li><li>• Inclusion of Gender in the curriculum</li></ul>
5.	Section 4, 5, 6, 7,8,9 <ul style="list-style-type: none"><li>• Blood stream and cardiovascular infection (MI 2.1, 2.2, 2.3, 8.13)</li><li>• Gastrointestinal Infection (MI 3.1)</li><li>• Hepatobiliary Infection (MI 3.1)</li><li>• Skin, soft tissue, musculoskeletal system Infection (MI 4.1, 4.2, 4.3)</li><li>• Respiratory Infection (MI 6.1, 6.2, 6.3)</li><li>• Central Nervous Sytem Infection (MI 5.1, 5.2, 5.3)</li></ul>	<ul style="list-style-type: none"><li>• Biomedical Waste Disposal</li><li>• Bioethics , USP</li><li>• Minimization of Drug Resistance</li><li>• Respect to Patients</li><li>• Right of patients to know the nature of illness and the prognosis of treatment</li></ul>	<ul style="list-style-type: none"><li>• Inclusion of Environment and Sustainability in the curriculum</li><li>• Inclusion of Human Values in the curriculum</li><li>• Inclusion of Right to Health Issues in the curriculum</li><li>• Inclusion of Professional Ethics in the curriculum</li><li>• Inclusion of Confidentiality in the curriculum</li><li>• Inclusion of Emerging Demography in the curriculum</li></ul>

  
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			<ul style="list-style-type: none"><li>• Inclusion of Health determinants in the curriculum</li><li>• Inclusion of Communication Skills in the curriculum</li><li>• Inclusion of Gender in the curriculum</li></ul>
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Faculty covered these topics - Dr. Thenmozhivalli P R, Prof & Head, Dr. Sony Paul, Professor, Dr. I Kannan Associate Professor, Dr. P. Savetha Assistant Professor, Dr. Malini Evageline Rose Assistant Professor, Dr. Divyabharathi Senior resident, Dr. Vignesh Chandran Senior Resident.

## CMEs, workshop or events CONDUCTED REGARDING

Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	Infection Control (Foundation Program) - 11.10.2023	Environment sustainability, Human Value, Professional Ethics
2.	Dengue outreach programme - 25.10.2023	Right to health, Professional Ethics
3.	Leprosy- Ending stigma, Embracing Dignity - 30.1.2024	Human Value, Professional Ethics
4.	Malaria - Accelerating the fight against Malaria for a more Equitable World - 29.4.2024	Human Value, Professional Ethics

DR. SONY PAUL  
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## **CLASSES CONDUCTED ON CROSS – CUTTING ISSUES**

S.NO	DATE	TOPIC	FACULTY
1.	2.1.24	BMW	Dr.Thenmozhiwalli
2.	6.2.24	Drug Resistance	Dr.Sony
3.	5.3.24	Sterilization	Dr.Kannan
4.	19.3.24	Disinfection	Dr.Savetha
5.	3.5.24	Hospital acquired infections	Dr.Malini
6.	6.6.24	Bacteriology of water, air and Milk	Dr.Divyabharathi
7.	8.7.24	AETCOM	Dr.Vignesh

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## **Add on course on Infection Control Practices**

**conducted on 11.10.2023**  
**Department of Microbiology**

The Program was started around 8.45am with registration and assembling of first year MBBS students in Lecture Hall -2. The program commenced with Tamil Thai Vaazhthu, followed by welcome note given by Prof &HOD Dr.P.R.Thenmozhivalli M.D, Department of Microbiology by welcoming Prof Dr.J.Muthukumaran MS, M.Ch, Dean and Prof Dr.B. Jaya KumarMS , Medical superintendent.

Later, the participants were asked to fill the pre-test questionnaire.They completed the test around 9.00am. After the Pre-test, around 9.05am, Introduction about Hospital acquired infection was given by Prof & HO Dr.P.R.Thenmozhivalli M.D. First session started with Dr.Malini EvangelineM.D, Assistant professor , Department of Microbiology, TMCH. She nicely elaborated on the Hospital infection control.

The Second session started around 10.22am by Dr.Premalatha MD, Professor, Department of Microbiology, TMCH. She explained in detail about Application of Antimicrobial stewardship in HIC A Break of 10mins is given to the students. The third session started around 1pm and continued till 5.00pm.

All students were divided into batches for Video demonstration and training given on Biomedical waste disposal, Management of needle stick injury, Steps of Hand hygiene and Proper disinfection of spill by Dr.I.KannanMsc,PhD ( AsstProf, Microbiology)Dr.Savetha MD (Asst. Prof., Microbiology) Dr.SonypaulMsc,PhD (Associate.Prof., Microbiology), Dr.P.Nagaprashanthini M.D(Asst.Prof., Microbiology) which students found very interesting and informative. Subsequently, Post test was conducted with the same questionnaire as pre-test to evaluate the knowledge gained by the participants after the session.

By comparing the data of pre-test and post test data it is evident that students scored better in post-test. Session ended with certificate distribution to all the

  
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participants And vote of thanks by ,Dr.Anitha ,Post graduate ,Department of Microbiology,TMCH.



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## **CME program on Leprosy- Ending stigma, Embracing Dignity conducted on 30.1.2024 Department of Microbiology**

CME on Leprosy- Ending stigma, Embracing dignity was conducted on 30.1.2024 to commemorate the World leprosy Day. The CME started at around 9:00 AM with the inaugural function. Welcome address was given by Dr.Thenmozhivalli , Head of the Department of Microbiology. Dean of the Institution ,Dr.Muthukumaran gave the inaugural address followed by a special address by the Vice Principal Dr.Gopalan .Tamilthaai vaazhthu was sung by 2<sup>nd</sup> year MBBS students and Kuthuvizhaku was lightened by the dignitaries.

Following a short break the session commenced with an update by Dr.Thenmozhivalli on the theme 2024 –Beat Leprosy. Mind blowing lecture by Dr. B.Sekar succeeded afterwards. He spoke about the microbiological aspects of leprosy in detail. Dr.Anandhan then elaborated the current scenario of leprosy. Vote of Thanks was proposed by Dr.Savetha



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## **CME program on Malaria - Accelerating the fight against Malaria for a more Equitable World. conducted on 29.4.2024**

The Department of Microbiology at Tagore Medical College & Hospital organized a Continuing Medical Education (CME) event on "World Malaria Day 2024" on April 29th, 2024, at Lecture Hall 3 from 9 am to 1 pm. The objective was to emphasize this year's theme, "Accelerating the fight against Malaria for a more Equitable World." The event was led by Prof. Dr. M. Mala and Mr. G. Manikandan, our esteemed Chairperson and Secretary, respectively. The inauguration ceremony, graced by Prof. Dr. Muthukumaran, Dean, and Prof. Dr. DH Goplalan, Vice Principal, commenced the program. Prof. Dr. Thenmozhivalli, Head of the Department of Microbiology, delivered the welcome address and introduced the speakers for the day, Dr. Thyagarajan Ravinder and Dr. S. Chandrasekar. Prof. Dr. Thenmozhivalli, Head of Department, Microbiology, Tagore Medical College & Hospital delivered her lecture on Malaria – Accelerating the fight against Malaria for a More Equitable world. Dr. Thyagarajan Ravinder, MD, Professor & Head of the Department of Microbiology at Kilpauk Medical College, Chennai, delivered lecture on the importance of early diagnosis in combating malaria. Subsequently, Dr. S. Chandrasekar, MD, FICP, FIACM, FIMSA, Head of the Department of Medicine at Stanley Medical College & Hospital, Chennai, presented a lecture on the clinical appraisal of malaria maladies. The lectures provided extensive knowledge to attending students. The speakers were honored by our Head of Department. Additionally, a quiz competition on malaria was held for 2nd-year MBBS students. The preliminary round took place on April 28th, and the final round on April 29th, with four teams of three members each participating. Prizes and certificates were distributed to both winners and participants.



  
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## Awareness/Outreach program on Dengue conducted on 25.10.2023 Department of Microbiology

An awareness program on dengue virus was conducted by the department at Government High School, Rathinamangalam on 25.10.2023. Professor and Head-Dr.P.R.Thenmozhivalli briefed the students in the beginning. Then other staff members talked on the following topics. Class and videos on mosquito bite, dengue virus transmission and how to prevent the infection was presented by Dr.Savetha. Students of 2<sup>nd</sup> MBBS (2021 batch) enacted a role play on dengue virus transmission, signs and symptoms and prevention of infection.



*Thenmozhivalli P.R.*

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## MD -MICROBIOLOGY

S. No	Curriculum Section & Code	Curriculum Details	Crosscutting issues in curriculum / syllabus
1-	<p>Paper I: General Microbiology &amp; Immunology</p> <p>Paper II: Systemic Bacteriology &amp; Mycology</p> <p>Paper III: Virology &amp; Parasitology</p> <p>Paper IV: Applied Microbiology &amp; Recent Advances</p>	<ul style="list-style-type: none"><li>• Biomedical Waste Disposal</li><li>• Bioethics , USP</li><li>• Minimization of Drug Resistance</li><li>• Research Ethics</li><li>• Hospital Acquired Infections</li><li>• Hand Hygiene</li><li>• Bacteriology of water, air, and milk</li></ul>	<ul style="list-style-type: none"><li>• Inclusion of Environment and Sustainability in the curriculum</li><li>• Inclusion of Human Values in the curriculum</li><li>• Inclusion of Right to Health Issues in the curriculum</li><li>• Inclusion of Professional Ethics in the curriculum</li><li>• Inclusion of Confidentiality in the curriculum</li><li>• Inclusion of Emerging Demography in the curriculum</li><li>• Inclusion of Health determinants in the curriculum</li><li>• Inclusion of Communication Skills in the curriculum</li><li>• Inclusion of Gender in the curriculum</li></ul>

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## DEPARTMENT OF FORENSIC MEDICINE

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum.

### III MBBS -FORENSIC MEDICINE (CBME)

S. No	Curriculum Section & Code	Curriculum Details	Crosscutting issues in curriculum / syllabus
1.	Topic 1: General information	FM1.10. Select appropriate cause of death in a particular scenario by referring ICD 10 code FM1.11 Write a correct cause of death certificate as per ICD 10 document	Inclusion of <ul style="list-style-type: none"> <li>Human values</li> <li>Professional ethics</li> </ul>
2.	Topic 2: Forensic pathology	FM2.33 Demonstrate ability to use local resources whenever required like in mass disaster situations	Inclusion of <ul style="list-style-type: none"> <li>Environment sustainability</li> <li>Human values</li> </ul>
3.	Topic 3 Clinical forensic medicine Sexual offences	FM3.13 Describe different types of sexual offences. Describe various sections of IPC regarding rape including definition of rape (Section 375 IPC), Punishment for Rape (Section 376 IPC) and recent amendments notified till date FM3.14 Discuss the examination of the victim of an alleged case of rape, and the preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases FM3.15 Describe and discuss examination of	Inclusion of <ul style="list-style-type: none"> <li>Gender sensitivity</li> <li>Human values</li> </ul>

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		accused and victim of sodomy, preparation of report, framing of opinion, preservation and despatch of trace evidences in such cases FM3.16. Describe and discuss adultery and unnatural sexual offences- sodomy, incest, lesbianism, buccal coitus, bestiality, indecent assault and preparation of report, framing the opinion and preservation and despatch of trace evidences in such cases	
4.	Topic 3 Clinical forensic medicine Torture and Human rights	FM3.31 Describe and discuss guidelines and Protocols of National Human Rights Commission regarding torture	Inclusion of <ul style="list-style-type: none"><li>• Human values</li><li>• Right to health issues</li></ul>
5.	Topic 3 Clinical forensic medicine	FM3.32 Demonstrate the professionalism while preparing reports in medicolegal situations, interpretation of findings and making inference/opinion, collection preservation and dispatch of biological or trace evidences FM3.33 Should be able to demonstrate the professionalism while dealing with victims of torture and human right violations, sexual assaults- psychological consultation, rehabilitation	Inclusion of <ul style="list-style-type: none"><li>• Human values</li><li>• Professional ethics &amp; confidentiality</li></ul>
6.	Topic 4: Medical jurisprudence	FM4.6 Describe the Laws in	Inclusion of

  
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		Relation to medical practice and the duties of a medical practitioner towards patients and society	<ul style="list-style-type: none"><li>• Human values</li><li>• Right to health issues</li><li>• Professional ethics &amp; confidentiality</li></ul>
7		FM4.9 Describe the medico - legal issues in relation to family violence, violation of human rights, NHRC and doctors	Inclusion of <ul style="list-style-type: none"><li>• Human values</li><li>• Right to health issues</li></ul>
8		FM4.24 Enumerate rights, privileges and duties of a Registered Medical Practitioner. Discuss doctor-patient relationship: professional secrecy and privileged communication	Inclusion of <ul style="list-style-type: none"><li>• Human values</li><li>• Professional ethics &amp; confidentiality</li></ul>
9	Topic 8: Environmental toxicology	FM13.1 Describe toxic pollution of environment, its medico-legal aspects & toxic hazards of occupation and industry	Inclusion of <ul style="list-style-type: none"><li>• Human values</li><li>• Environment sustainability</li></ul>
10	Topic 10: Skills in Forensic Medicine & Toxicology	FM14.18 To examine & prepare medico-legal report of a person in police, judicial custody or referred by Court of Law and violation of human rights as requirement of NHRC, who has been brought for medical examination	Inclusion of <ul style="list-style-type: none"><li>• Human values</li><li>• Professional ethics &amp; confidentiality</li></ul>

  
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PROFESSOR & HOD  
DEPARTMENT OF FORENSIC MEDICINE  
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## Department of Pathology

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

### II MBBS

s. no	Curriculum details	Crosscutting issues in curriculum / syllabus
1.	PA10.4 The pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases, PA12.1The pathogenesis of disorders caused by air pollution, tobacco and alcohol	Emerging demographic changes Health Determinants in curriculum
2.	PA12.2The pathogenesis of disorders caused by protein calorie malnutrition and starvation, PA12.3 The pathogenesis of obesity and its consequences	Emerging demographic changes Health Determinants in curriculum
3.	PA7.3 Carcinogens and process of carcinogenesis, PA11.1 The pathogenesis and features of common cytogenetic abnormalities and mutations in childhood	Right to health Emerging demographic changes Bioethics- privacy and confidently
4.	PA22.2 The indications, describe the principles, enumerate and demonstrate the steps of compatibility testing	Covers - Gender in the curriculum Bioethics- privacy and confidently

FACULTY COVERED THESE TOPICS - DR. C.P.LUCK PROF & HEAD, DR. SARAH KURUVILLA PROF, DR. RAVI SHANKAR PROF, DR.B.S.SANGEETHA ASSO PROF, DR. THAMARAI SELVI ASSO PROF, DR. J.SHEEJA ASSO PROF, DR. SUMITHA SREE ASST PROF, DR.ABINAYA ASST PROF, DR. POOJA SREE SENIOR RESIDENT, DR. WASEEMA BANU SENIOR RESIDENT, DR. VEENA SENIOR RESIDENT, DR. VIKNESH PRABHU, DR. SIVARANJANI SENIOR RESIDENT.

  
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CME s, workshop or events CONDUCTED REGARDING

Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues,  
Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	Add on course - 18/01/2024	Emerging Demographic changes, Right to health, Human Value , Professional Ethics

  
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## DEPARTMENT OF PATHOLOGY CROSS CUTTING ISSUES – 2022 BATCH

S.NO	DATE	NAME OF THE TOPIC	CROSS CUTTING ISSUES	FACULTY
1	13.02.2024	PA7.3 Carcinogens and process of carcinogenesis	Right to health Emerging demographic changes Bioethics- privacy and confidently	Dr. Sarah Kuruvilla
2	23.03.2024	PA10.4 The pathogenesis and pathology of common bacterial, viral, protozoal and helminthic diseases, PA12.1 The pathogenesis of disorders caused by air pollution, tobacco and alcohol	Emerging demographic changes Health Determinants in curriculum	Dr. Abinaya
3	04.03.2024	PA11.1 The pathogenesis and features of common cytogenetic abnormalities and mutations in childhood	Right to health Emerging demographic changes Bioethics- privacy and confidently	Dr. Sheeja
4	06.03.2024	PA12.1 The pathogenesis of disorders caused by air pollution, tobacco and alcohol PA12.2 The pathogenesis of disorders caused by protein calorie malnutrition and starvation PA12.3 The pathogenesis of obesity and its consequences	Emerging demographic changes Health Determinants in curriculum	Dr. Ravishankar
5	18.01.2024	PA22.2 The indications, describe the principles, enumerate and demonstrate the steps of compatibility testing	Covers - Gender in the curriculum Bioethics- privacy and confidently	Dr.C.P.Luck

  
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## Department of Community Medicine

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

S. no	Curriculum details	Crosscutting issues in curriculum / syllabus
1.	<ol style="list-style-type: none"><li>1. CM1.1- Define and describe the concept of Public Health</li><li>2. CM 1.1.1 Introduction to Family health Survey and community needs assessment and Introduction to Community oriented teaching module</li><li>3. CM2.1 and 2.2 - Describe the steps and perform Clinico socio-cultural, demographic assessment, Role of family in health and disease of the individual, family and community in a simulated environment.</li><li>4. CM2.1 and 2.2 - Describe the steps and perform Clinico socio-cultural, demographic assessment, Role of family in health and disease of the individual, family and community in a simulated environment.</li><li>5. CM 5.2: Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method in a simulated environment.</li><li>6. CM 8.6 Educate and train health workers in disease surveillance control and treatment and health education.</li><li>7. CM 20.4 Demonstrate awareness about laws pertaining to practice of medicine such as clinical establishment act and human organ transplantation act and its implications.</li></ol>	Emerging demographic changes in curriculum Professional ETHICS

  
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2.	<ol style="list-style-type: none"><li>1. CM 1.5 – Describe the application of intervention at various levels of prevention.</li><li>2. CM 1.9- Demonstrate the role of effective Communication skills in health in a simulated environment.</li><li>3. Communication skills – AETCOM</li><li>4. CM1.10- Demonstrate the important aspects of the doctor patient relationship in a simulated environment.</li><li>5. CM 2.2 Describe the socio-cultural factors family types and its role in health and disease and demonstrate in a simulated environment the correct assessment of socio-economic status.</li><li>6. CM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior.</li><li>7. CM 4.3 Describe and demonstrate the steps in evaluation of health promotion and education program.</li></ol>	Right to health Human Value Health Determinants in curriculum
3.	<ol style="list-style-type: none"><li>1. CM 3.5.1 Describe the standards of housing and the effect of housing on health PY11.14 Demonstrate Basic Life Support in a simulated environment.</li><li>2. CM 3.5.2 Describe the standards of housing and the effect of housing on health in community walk/visit – RURAL FIELD PRACTICE AREA.</li><li>3. Describe the standards of housing and the effect of housing on health in community walk/visit – URBAN SLUM FIELD PRACTICE AREA</li><li>4. CM 3.2.1 Describe the concepts of safe and wholesome water, sanitary sources of water, water purification processes - Visit to Sewage treatment plant.</li><li>5. CM 3.4 Describe the concept of human excreta and sewage disposal</li></ol>	Gender in the curriculum. Environment sustainability Bioethics- privacy and confidently

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CME ,Workshop or Events conducted regarding Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	<ol style="list-style-type: none"><li>1. "World Cancer Day" – Role play was conducted to create awareness on Cancer - 6.02.2024</li><li>2. Leprosy awareness program was organized to highlight the importance of leprosy early diagnosis and prevention and stigma – 30.01.2024</li><li>3. World Malaria day -25.04.2024</li><li>4. CME- World Health day -10.04.2024</li><li>5. World health day – Awareness and health education using Role play -7.04.2024</li><li>6. Students participated in "Unavey Marunthu" programme- conducted in VIT college campus – 21.08.2024</li></ol>	Right to health
2.	<ol style="list-style-type: none"><li>1. Dengue Awareness Campaign- Department of Community Medicine organized dengue awareness program- 16/09/2023.</li><li>2. Swachhata HI Seva , conducted cleanliness campaign at field visit site- 01.10.2023</li><li>3. World Environment day- 05.06.2024</li><li>4. World Food safety day- 07.06.2024</li></ol>	Environment sustainability
3.	<ol style="list-style-type: none"><li>1. World Population day- rally was conducted for creating awareness on Population growth and its effects</li><li>2. WORLD NO TOBACCO DAY 2024- 31.05.2024.</li></ol>	Human Value, Emerging Demographic changes.

  
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S. NO	DATE	TOPIC	FACULTY IN CHARGE
I		CLINICAL PRACTICAL SESSION	
1	11/08/2023	CM 3.5.1 Discuss on Environment and its implications on health ad disease	Dr Harish
2	27/09/2023	CM 3.1.2 Outbreak management- case scenario discussion	Dr Harish
3	25/08/2023	CM 3.2.3 Rapid response team- Role play	Dr Ramesh Harihara Iyer
4	26/12/2023	CM 1.9 Effective communication skill in simulated environment	Dr Divyaparvathy
5	29/12/2023	CM 2.1, 2.2 Demographic assessmen, Role of family in health and disease	Dr Ramesh Harihara Iyer
6	25/01/2024	CM1.1.1 Introduction to Family health survey and community needs assessment	Dr Divyaparvathy
7	2/01/2024	AETCOM- Demonstrate Communication skills in a simulated environment	Dr Ardra Merin George
8	8/01/2024	CM 3.5.2 UHTC visit- Describe effects of housing on health in community visit	Dr Divyaparvathy
9	22/01/2024	UHTC- Family health survey and community needs assessment, demographic assessment	Dr.Deepak Avinash
10	31/01/2024	AETCOM- Doctor Patient relationship in a simulated environment	Dr Vikram
11	25.03.2024	AETCOM- Demonstrate Communication skills in a simulated environment	Dr Ardra Merin George
12	26.03.2024	Nutritional assessment of individuals, family and community	Dr.Deepak Avinash
13	04/04/2024	Seminar Sociology and Environment	Dr Harish
14	23/04/2024	AETCOM- Medical ethics	Dr Ardra Merin George
15	03/05/2024	Seminar Sociology Part 2	Dr Vikram
16	18/06/2024	AETCOM- Doctor Patient relationship in a simulated environment	Dr Vishalini
II		THEORY SESSION	

  
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1	01/08/2023	CM9.3 Declining Sex ratio and its implications	Dr Karthick RC
2	08/08/2023	CM 9.4 Population explosion	Dr Harish
3	31/08/2023	AETCOM 3.3.3 Skills lab session- Administering Informed consent	Dr Harish
4	28/09/2023	CM 10.2.6 Child health problems	Dr Divyaparvathy
5	03/10/2023	CM 17.1.1 Concept of Health care, Changing concepts of Public health	Dr Ramesh Harihara Iyer
6	27/10/2023	CM 10.9.2 Girl child and gender bias, child abuse	Dr Ardra Merin George
7	12/12/2023	CM 13.3,13.4 Manmade disaster	Dr Ramesh Harihara Iyer
8	11/03/2024	CM 5.1.1 Nutritional surveillance and principles of nutritional education	Dr Sivagurunathan
9	21/05/2024	AETCOM Confidentiality case study	Dr Vikram
10	15/06/2024	AETCOM Administering Informed consent	Dr Divyaparvathy
11	29/06/2024	AETCOM- Fiduciary duty- case study	Dr Vishalini
12	06/07/2024	AETCOM- Administering Informed consent	Dr Harish
13	12/07/2024	AETCOM- ABCDE in Medical ethics	Dr.Deepak Avinash

  
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## DEPARTMENT OF RESPIRATORY MEDICINE

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

### MBBS

s.no	Curriculum details	Cross Cutting issues in curriculum / syllabus
1.	Demonstrate the correct clinical examination and evaluation of Respiratory system	Emerging demographic changes in curriculum Professional ETHICS
2.	Demonstrate the correct evaluation in TB screening	Right to health Emerging demographic changes Health Determinants in curriculum
3.	Obtain history and perform examination of a patient with OAD	Right to health Emerging demographic changes Health Determinants in curriculum

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## **CME s, workshop or events**

Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSS CUTTING ISSUE
1.	<b>World TB day - awareness</b>	Right to health, Human Value , Professional Ethics
2.	<b>World Lung cancer day - awareness</b>	Right to health, Human Value , Professional Ethics
3.	<b>World NO TOBACCO DAY day awareness</b>	Right to health, Emerging Demographic changes
4.	<b>World COPD day awareness</b>	Right to health, Emerging Demographic changes

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## **DEPARTMENT OF RADIODIAGNOSIS**

Institution integrates crosscutting issues relevant to gender, environment and Sustainability, human values, health determinants, right to health issues, Emerging demographic changes and professional ethics in the curriculum

### **MD RADIO DIAGNOSIS**

<b>Paper course no. and name of the course (18.11.2024)</b>	<b>Curriculum Detail</b>	<b>Cross cutting issues present in curriculum</b>
<b>Paper I (2031) - MEDICAL RADIATION PHYSICS AS APPLIED TO RADIO DIAGNOSIS</b> Dr. Vivek	PCPNDT Act. Female attendant during Sonography and other procedures Radiation Hazards and Radiation safety , ALARA, eLORA Radiation waste management Patient consent before procedures patient privacy patient Dignity Antenatal defection of IUGR by sonography Anomaly scans PCPNDT Act Patient Dignity Professionalism Research ethics	Inclusion of Gender in the curriculum. Inclusion of Environment and Sustainability in the curriculum Inclusion of Human Values in the curriculum Inclusion of Health Determinants in the curriculum Inclusion of Right to Health Issues in the curriculum Inclusion of Emerging Demographic changes in the curriculum Inclusion of Professional Ethics in the curriculum
<b>Paper II (2032) - RADIO DIAGNOSIS INCLUDING NUCLEAR MEDICINE</b> Dr. Gautham		
<b>Paper III (2033) - RADIO DIAGNOSIS INCLUDING INSTRUMENTATION AND CONTRAST STUDIES</b> Dr. Rakesh Sankaran		
<b>Paper IV (2034) - RADIO DIAGNOSIS INCLUDING INTERVENTIONAL PROCEDURES AND RECENT ADVANCES</b> Dr . Anikkat Koshy Joseph		

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CME : Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S. NO	PROGRAM	CROSSCUTTING ISSUE
1.	CME – Course on 20th November 2024	RADIATION SAFETY

**TITLE:** RADIATION SAFETY

**DATE AND VENUE:** On November 20th, 2024. from 09.30 a.m to 12.30 p.m

  
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**SPEAKER:** Dr. Victor Rakesh Lazar, Ph.D. Assistant professor Radiology physics department of radio diagnosis, SRM medical college Hospital and research centre, Chennai.

**NUMBER OF PARTICIPANTS:** 90

## **Detailed Summary: Continuing Medical Education on "Radiation Safety"**

The Department of Radio Diagnosis at Tagore Medical College and Hospital organized a Continuing Medical Education (CME) event on "Radiation Safety" on November 20, 2024. The event took place in the third-floor auditorium of the College Block, gathering eminent personalities, faculty members, students, and residents to emphasize the significance of radiation safety in medical practice.

### **Distinguished Attendees who were invited:**

1. **Professor Dr. M. Mala** - Chairperson and Managing Trustee, Tagore Educational Trust
2. **Mr. G. Manikandan** - Secretary, Tagore Educational Trust
3. **Dr. J. Muthukumaran** - Dean of Tagore Medical College
4. **Dr. R. Shanthimalar** - Medical Director
5. **Dr. B. Jayakumar** - Medical Superintendent
6. **Dr. D.H. Gopalan** - Vice Principal
7. Faculty members and residents from the Department of Radio Diagnosis
8. Radiography students

The program was organized under the guidance of **Dr. I. Gurubharath**, Head of the Department of Radio Diagnosis, who also served as the Organizing Chairman of the event.

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## Highlights of the Event:

The event aimed to enhance awareness of radiation safety protocols among healthcare professionals and students. It combined academic presentations, interactive sessions, and creative performances to ensure a well-rounded understanding of the topic.

## Schedule of Events:

### 1. Opening Ceremony (9:30 AM):

- The program began with the rendition of the Indian National Anthem and Tamil Anthem, setting a solemn tone for the event.

### 2. Welcome Address (9:30–9:35 AM):

- **Dr. I. Gurubharath** warmly welcomed the gathering and introduced the theme of the CME, highlighting the importance of radiation safety in diagnostic and therapeutic practices..

### 3. Introduction of Guest Speaker (10:15–10:30 AM):

- **Dr. Kaveri**, a 2nd-year radiology resident, introduced the guest speaker, **Dr. Victor Rakesh Lazar**, highlighting his contributions and expertise in radiation safety.

### 4. Guest Lecture (10:30–11:30 AM):

- **Dr. Victor Rakesh Lazar** delivered an engaging and insightful lecture on "Radiation Safety," covering key aspects such as minimizing exposure, understanding safety protocols, and the latest advancements in radiological practices.

### 5. Historical Presentation (11:30–11:40 AM):

- **Dr. Kaveri** presented a brief history of the discovery of X-rays through a PowerPoint presentation, emphasizing its revolutionary impact on medical science.

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**Creative Session (11.40 – 12 : 00 PM):** Radiography students performed a skit on radiation safety awareness. The performance creatively highlighted the dos and don'ts of radiation handling, making the concept accessible and engaging.

**6. Vote of Thanks (12:20–12:30 PM):**

**Dr. Gautham**, Assistant Professor of the Department of Radio Diagnosis, concluded the program with a heartfelt vote of thanks, expressing gratitude to the dignitaries, guest speaker, organizing committee, and attendees for their active participation.

**Tea Break (12:00–12:20 PM):**

- The event ended with refreshments being provided to all the attendees.

**Conclusion:**

The CME on "Radiation Safety" was a resounding success, fostering a deeper understanding of the importance of safety in radiological practices. The guest lecturer and creative contributions by the students and faculty ensured that the event was both informative and memorable. It reflected the institution's dedication to promoting patient safety and professional excellence in radiological sciences.



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## **DEPARTMENT OF ENT 2023-2024**

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

### **MBBS**

S.no	Curriculum details	Crosscutting issues in curriculum / syllabus
1.	Demonstrate the correct clinical examination and evaluation of a patient with hearing loss	Emerging demographic changes in curriculum Professional ETHICS
2.	Demonstrate the correct evaluation in new born hearing screening	Right to health Emerging demographic changes Health Determinants in curriculum
3.	Obtain history and perform examination of a patient with voice change	Right to health Emerging demographic changes Health Determinants in curriculum

Faculty covered these topics - DR. ANAND KARTHIKEYAN PROF ENT, DR. POORNIMA ASSISTANT PROFESSOR ENT, DR KALPANA ASSISTANT PROFESSOR ENT

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## CME s, workshop or events

Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	World hearing day awareness – 3 <sup>rd</sup> March 2023	Right to health, Human Value, Professional Ethics
2.	Sleep awareness week – on 16 <sup>th</sup> March 2024	Right to health, Human Value, Professional Ethics
3.	World voice day awareness on 19 <sup>th</sup> April, 2023 Thyroid symposium on 17 <sup>th</sup> April, 2024	Right to health, Emerging Demographic changes
4.	World Allergy Week on 2 <sup>nd</sup> July, 2024 Neonatal hearing screening – for all the neonates born in our hospital	Right to health, Human Value , Professional Ethics
5.	Health camps	Environment sustainability

  
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## **WORLD VOICE DAY 2023**

Organized by DEPARTMENT OF ENT,  
TAGORE MEDICAL COLLEGE AND HOSPITAL

Date: 19-04-2023, 10.00am



In Observation of WORLD VOICE DAY 2023 a guest lecture was delivered on 19-04-2023 by The Chief Guest of the program Dr. J. Sathish Kumar MBBS, MS, DNB ,Associate Professor , Sri Ramachandra Medical College and Hospital on the topic "Common Voice Problems and Vocal Hygiene"

  
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## **COMMUNITY HEALTH**

- As a part of social responsibility the department involves in community health camps.
- The department ensures training of undergraduate students in Rural centres to provide assessment of hearing and to manage basic ENT ailments at the community level.
- Health Camps at various Rural places, Orphanages & Screening camps.
- School Health Programmes, Awareness programmes by students & faculties.
- Screening for sensory neural hearing loss for age above 65 years
- Awareness programme for industrial workers regarding noise induced hearing loss by residents



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## World Hearing Day 2023

Organized by DEPARTMENT OF ENT,

TAGORE MEDICAL COLLEGE AND HOSPITAL

Date: 03-03-2023, 10.00am



In view of World Hearing Day on 3<sup>rd</sup> March 2023 a school camp was organized in Kandigai Government School for evaluating the school children for hearing and referral were done to hospital for further hearing evaluation.

*Trinamesh*

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## OAE – New Born Hearing Screening



The ENT department does mandatory newborn hearing screening for all newborns born in Tagore Medical College in view of early diagnosis and treating Congenital Hearing Loss.

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## WORLD SLEEP DAY 2024

ORGANISED BY DEPARTMENT OF ENT

TAGORE MEDICAL COLLEGE CHENNAI

Date: 16/3/24 10.00AM

The CME- guest lecture was conducted at hospital auditorium 4th floor on 16/03/2024 from 10am to 12 noon. The guest lecture topic was "OSAS- A silent epidemic" in commemoration of the World Sleep day 2024. The invited Faculty for the Guest Lecture was Dr.Shakthesh, MBBS,MS., a talented ENT surgeon who is skilled in doing sleep apnea and snoring surgeries.



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## Symposium on Thyroid Malignancy 2024

ORGANISED BY DEPARTMENT OF ENT

TAGORE MEDICAL COLLEGE CHENNAI

Date: 17<sup>th</sup> April 2024 1.00PM

Symposium on Thyroid Malignancy was conducted in department of ENT on 17<sup>th</sup> April 2024 in ENT demo room at 1 pm for the benefit of interns and PG students. CRRI's and ENT post graduates actively participated in the symposium



*T. Vengal Rao*  
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## **WORLD ALLERGY WEEK 2024**

ORGANISED BY DEPARTMENT OF ENT

TAGORE MEDICAL COLLEGE CHENNAI

Date: 02/07/2024 10.00AM

Department of ENT organised the CME on Food Allergy on 2<sup>nd</sup> July, 2024 in commemoration of World Allergy Week 2024, at hospital auditorium 4<sup>th</sup> floor. The theme for this year was "Overcoming Obstacles of Food Allergy". The CME consisted of series of 5 lectures and quiz program for undergraduate prefinal students.



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## Department of Anaesthesiology

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum

S.N O	CURRICULUM DETAILS	CROSSCUTTING ISSUES IN CURRICULUM
1.	USAGE OF WORK STATIONS WITH CLOSED CIRCUIT	<ul style="list-style-type: none"><li>ENVIRONMENTAL SUSTAINABILITY</li></ul> <p>Usage of closed circuit ensures safe maintenance of anesthesia where the gases are taken up by the patients alone and the expired gases are removed from carbon dioxide by soda lime CO<sub>2</sub>.</p>
2.	GAS OUTLETS IN THE OPERATION THEATRE	<ul style="list-style-type: none"><li>ENVIRONMENTAL SUSTAINABILITY</li></ul> <p>Operation theatre being closed sterile cubicles, the fresh air flow is compromised from normal hence OT is equipped with ports in all four corners to ensure constant outlet of air from inside.</p>
3.	DETAILED PRE OPERATIVE EVALUATION	<ul style="list-style-type: none"><li>RIGHT TO HEALTH ISSUES</li></ul> <p>All the patients are evaluated prior to the procedure where by the patients are explained the choice of anesthesia, the mode of performing them, allowed to clarify all their doubts, recovery and post operative care. Risks if any are also clearly explained to the patients.</p>

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4.	ANAESTHESIA CONSENT FORM	<ul style="list-style-type: none"><li>• PROFESSIONAL ETHICS</li><li>• RIGHT TO HEATH ISSUES</li></ul> <p>All patients are counseled and informed written consent is obtained in the pre operative period. High risk consent if applicable.</p>
5.	BIOIMEDICAL WASTE DISPOSAL	<ul style="list-style-type: none"><li>• HEALTH DETERMINANTS</li><li>• EMERGING BIOMEDICAL CHANGES</li><li>• BIOETHICS</li><li>• ENVIRONMENTAL SUSTAINABILITY</li></ul> <p>Separating wastes generated from the source is strictly practiced by providing all the OT with colour coded disposable bins which are then cleared respectively.</p>

  
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CME S, Workshop or Events conducted regarding Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics.

S.NO	PROGRAM	CROSSCUTTING ISSUE
1.	"CODE BLUE - CME AND WORKSHOP"- 31.01.2024-02-02-2024	<ul style="list-style-type: none"><li>• PROFESSIONAL ETHICS</li><li>• RIGHT TO HEATH ISSUES</li><li>• HEALTH DETERMINANTS</li><li>• EMERGING BIOMEDICAL CHANGES</li><li>• BIOETHICS</li><li>• ENVIRONMENTAL SUSTAINABILITY</li></ul>
2.	"INSPIRE IN CME WORKSHOP ON MECHANICAL VENTILATION" 13.07.2024	
3.	"WORLD ANAESTHESIA DAY" 23.10.2024	

  
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## “CODE BLUE - CME AND WORKSHOP”- 31.01.2024-02-02-2024

A code blue is a hospital emergency code that indicates a patient is in critical condition and needs immediate medical attention. It can refer to a patient, visitor, or employee who is experiencing a life-threatening medical emergency, such as cardiac or respiratory arrest. Code blue training should be multi-disciplinary, including nursing, anesthesiology, and surgery. Code blue training, such as simulations, can help improve the functioning and efficiency of a hospital's code blue system. This can positively impact patient outcomes. This CME highlights on the importance of CODE BLUE and how to act in a emergency critical life threatening situations. At 10.00 am, Inauguration was commenced with the TAMIL THAI VALTHU followed by a WELCOME ADDRESS by **Dr. VINOTH MANI**, The HOD (FAC) and organizing secretary, Department of Anaesthesiology, TMCH. Then the dignitaries lightened the Kuthuvillaku followed by the INAUGRAL ADDRESS by **Dr.MUTHUKUMARAN**, The Dean, TMCH. The first session started around 11.00 am. **Dr.BASTINA JENOFFIA** explained about ADVANCED CARDIAC Life support emphasizing one preventing cardiac arrest early and continuous high quality CPR with video based real world scenarios which was thoroughly enjoyed and appreciated by the students and faculties. After Lunch break of 1 hour, In the second session around 1.30pm, **detailed discussion about ACLS algorithm** were discussed by **Dr.S.SWAMINATHAN VEERASAMY**, Focussing on the reversible causes of cardiac arrest. On the next day, **Dr. M.PRAGADEESH RAJA**, explained about BRADY AND TACHYARRYTHMIAS IDENTIFICATION AND MANAGEMENT. After Lunch break of 1 hour, the afternoon session started with **ACLS MEGACODE DRILL AND POST CARDIAC ARREST CARE** was discussed by **Dr.R.Shankar Anand**. Then after the Question and answer session clearing all the doubts of the student, Post test was conducted to assess their knowledge after the session and its Reflections were noted by the faculties. Subsequently, post test was conducted with the same questionnaire as pre-test to evaluate the knowledge gained by the participants after the session. By comparing the data of pre-test and post-test data it is evident that students scored better in post-test. On the next day **hands on training on “ACLS”** the setups and all modes were demonstrated to the students by the faculties in Batches. The **feedbacks** were collected from the students for the better insight of the session.

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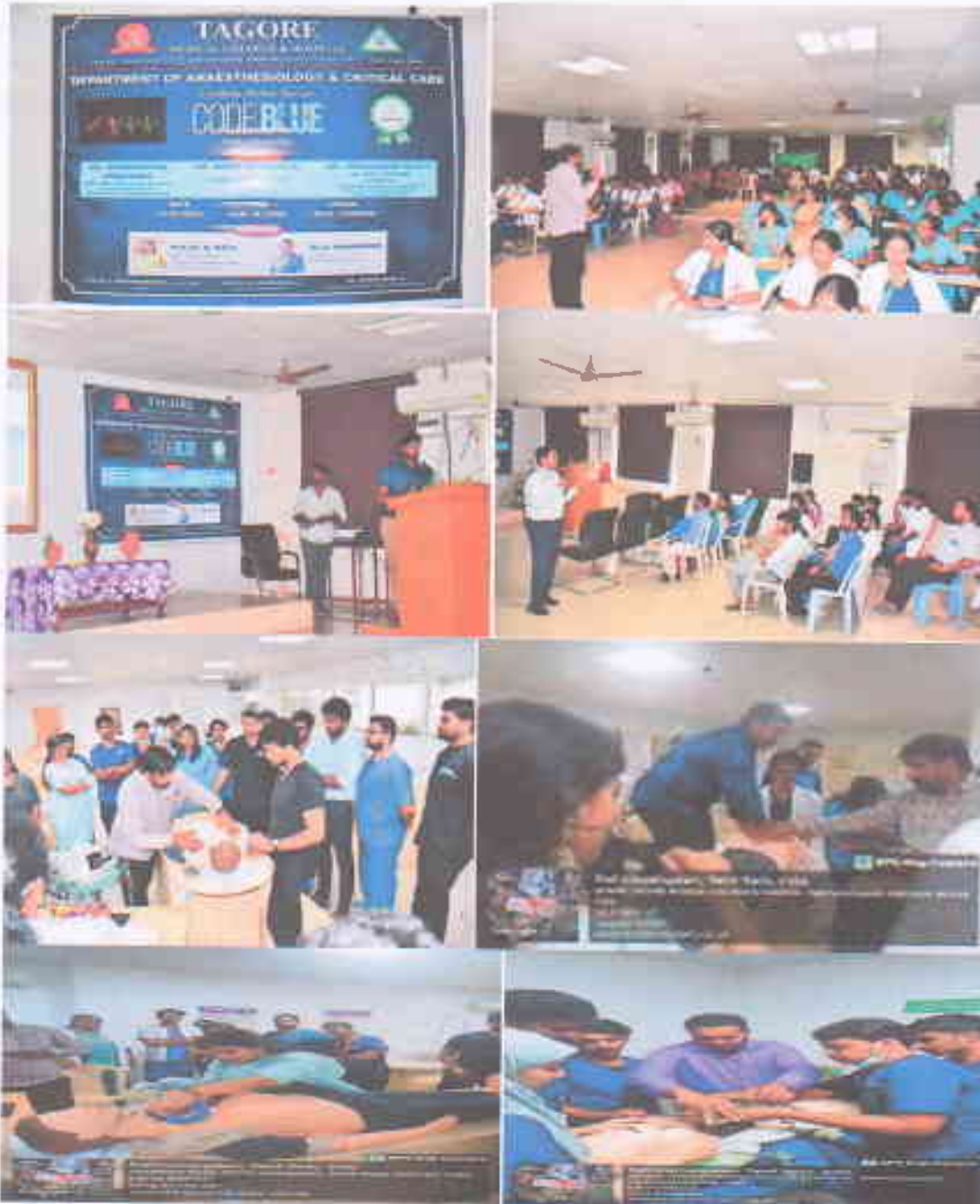


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## **“INSPIRE IN CME WORKSHOP ON MECHANICAL VENTILATION” 13.07.2024**

Mechanical ventilation is a key component of modern intensive care. However understanding the technicalities of mechanical ventilation can appear formidable to even clinicians. The rapidly evolving science of respiratory medicine makes it even more difficult to keep up with the latest trends in this area. This program focuses on objectives To understand the basic principles of mechanical ventilation, To educate on various modes of ventilation and its time of usage and implications on patients. To understand lung mechanics and ventilation. At 9.30 am, Inauguration was commenced with the TAMIL THAI VALTHU followed by a WELCOME ADDRESS by Dr. BASTINA JENOFFIA, ASSISTANT PROFESSOR, Department of Anaesthesiology, TMCH. Then the dignitaries lightened the Kuthuvillaku followed by the INAUGRAL ADDRESS by Dr.SHANTHIMALAR, MEDICAL DIRECTOR AND HOD ANAESTHESIOLOGY, TMCH.

The first session started around 10.00 am. Dr.SHANKAR ANAND explained about Science behind mechanical ventilation and basic modes of ventilators which was thoroughly enjoyed and appreciated by the students and faculties. A break of 10 mins was given to the students, Light snacks were provided to all the students. In the second session, detailed discussion about advanced modes of ventilators, monitoring and ventilator graphics, trouble shooting and weaning were discussed by Dr.BADRINARAYANAN . In the third session, Dr. SIVAKUMAR, explained about Prone ventilation and lung protective ventilation strategies. The session was entertaining and was enjoyed by the faculties and students. After Lunch break of 1 hour, the afternoon session started with hands on training on mechanical ventilators the setups and all modes were demonstrated. Then after the Question and answer session clearing all the doubts of the student, Post test was conducted to assess their knowledge after the session and its Reflections were noted by the faculties. Subsequently, post test was conducted with the same questionnaire as pre-test to evaluate the knowledge gained by the participants after the session. The feedbacks were collected from the students for the better insight of the session. Session ended with Vote of thanks by Dr.VINOTH MANI, Later the certificates were issued for all those who participated. The certificates were issued to all the participants at the end of the session.

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## “WORLD ANAESTHESIA DAY” 23.10.2024

World Anaesthesia Day is celebrated on October 16. It recognizes the importance of anaesthesia and honors the first successful use of diethyl ether in 1846 by William T. G. Morton. The 2024 theme is 'Workforce Well Being', focusing on anesthesia's role in cancer treatment. The idea of our program is to draw attention to the vital role that anesthesia plays in modern medical care. At 9.00 am, Inauguration was commenced with the TAMIL THAI VALTHU followed by a WELCOME ADDRESS by **Dr. VINOTH MANI**, The HOD (FAC) and organizing secretary, Department of Anaesthesiology, TMCH. Then the dignitaries lightened the Kuthuvillaku followed by the INAUGRAL ADDRESS by **Dr. MUTHUKUMARAN**, The Dean, TMCH and **Dr. SHANTHI MALAR**, Medical Director, TMCH. The first session MIME performance by Anaesthesia Technology Students was started around 9.30 am demonstrating awareness about anaesthesia. A break of 10 mins was given to the students, Light snacks were provided to all the students. Subsequently, History, Evolution and Principles of Modern General Anaesthesia was explained by Prof. Dr. K.R. PADMANABHAN HOD, Chengalpet Medical College. Following his lecture Prof. Dr. M. Ravikumar, Associate Professor Chengalpet Medical College, explained the role of Anesthesiologist as Perioperative Physicians. Lecture about Career Prospects in India was given by Dr. S. Sivakumar, Associate Professor Tagore Medical College and Hospital. Session ended with Vote of thanks by Dr. PEARL ROBERTUBA.

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*Thirumala*

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List of crosscutting issues included in the curriculum

S. NO	DATE	TOPIC	FACULTY IN CHARGE
1.	24.07.2023	DAY CARE ANAESTHESIA AND ANAESTHESIA OUTSIDE OPERATING ROOM	DR.SURYA
2.	14.08.2023	PAIN	DR.SIVAKUMAR
3.	28.08.2023	PHARMACOLOGY AND MANAGEMENT OF TERMINALLY ILL PATIENT	DR. SENTHIL NATHAN
4.	11.09.2023	MECHANICAL VENTILATION	DR. VINODHMANI
5.	25.11.2023	PRINCIPLES OF CRITICAL CARE	DR. PEARL ROBERTUBA
6.	09.10.2023	BASIC LIFE SUPPORT	DR. JENOFFIA
7.	13.11.2023	MANAGEMENT OF UNCONCIOUS VICTIM AND ACLS	DR. SIVAKUMAR
8.	20.11.2023	ATLS	DR. SURYA
9.	11.12.2023	ANAESTHESIOLOGIST ROLE AND CAREER PROSPECTS	DR. SENTHIL NATHAN

  
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## Department of Orthopaedics

List of cross cutting issues relevant to Gender, Environment sustainability, Human Value, Health Determinants, Right to health issues, Emerging Demographic changes and Professional Ethics included in the curriculum .

Courses: M.B.B.S and M.S orthopaedics

S. No:	Cross Cutting Issues	Description	Addressing issue in Curriculum
1.	<b>Gender</b>	Focus on ensuring gender equality and addressing gender-specific health concerns in musculoskeletal health.	<ul style="list-style-type: none"><li>- Include courses that explore gender differences in musculoskeletal conditions (e.g., osteoporosis, fractures).</li><li>- Ensure training on providing equal access to care for both genders, emphasizing unbiased treatment practices.</li></ul>
2.	<b>Environmental Sustainability</b>	Promotion of eco-friendly practices in orthopaedic care, reducing the environmental impact of medical practices.	<ul style="list-style-type: none"><li>- Educate students on sustainable practices such as minimizing disposable surgical tools and materials.</li><li>- Include content on the use of eco-friendly prosthetics, implants, and green healthcare technologies.</li></ul>
3.	<b>Human Values</b>	Emphasis on compassion, respect, integrity, and empathy in healthcare practice.	<ul style="list-style-type: none"><li>- Integrate human values into the curriculum through modules on patient-centered care, emphasizing empathy and dignity.</li><li>- Include ethical discussions on maintaining respect for patient autonomy and professional conduct.</li></ul>

  
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4.	<b>Health Determinants</b>	Understanding how social, economic, and environmental factors impact health, especially musculoskeletal health.	<ul style="list-style-type: none"><li>- Include content on the social determinants of health, particularly how lifestyle, socioeconomic status, and access to healthcare impact musculoskeletal disorders.</li><li>- Integrate preventive healthcare practices and strategies to address these determinants.</li></ul>
5.	<b>Right to health issues</b>	Ensuring equitable access to healthcare for all, regardless of socio-economic or geographic background.	<ul style="list-style-type: none"><li>- Educate students on the importance of equal access to orthopaedic care for underserved populations.</li><li>- Focus on addressing healthcare disparities, particularly for marginalized groups such as rural populations, the elderly, and economically disadvantaged communities.</li></ul>
6.	<b>Emerging Demographic Changes</b>	The impact of demographic shifts, such as aging populations, on healthcare needs, particularly in orthopaedics.	<ul style="list-style-type: none"><li>- Include education on the increasing prevalence of musculoskeletal disorders in aging populations, such as osteoarthritis, osteoporosis, and fractures.</li><li>- Train students in geriatrics, rehabilitation, and joint replacement care for elderly patients.</li></ul>
7.	<b>Professional Ethics</b>	Adherence to ethical principles like integrity, accountability, and patient confidentiality in orthopaedic practice.	<ul style="list-style-type: none"><li>- Integrate professional ethics modules that cover issues like informed consent, patient confidentiality, and ethical decision-making.</li><li>- Discuss ethical dilemmas specific to orthopaedics, such as the choice of treatment for high-risk patients and post-surgical care.</li></ul>

  
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## **Events Conducted:**

<b>S. No:</b>	<b>Programme</b>	<b>Cross Cutting Issue</b>
1.	Road Safety Awareness Class	Human Value, Environment Sustainability, Professional Ethics
2.	Bone Mineral Density Evaluation Camp	Demographic Changes, Right to health, Gender
3.	Awareness Class on Students on Medical Ethics	Professional ethics, Human Value, Health determinants

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TAGORE MEDICAL COLLEGE & HOSPITAL  
RATHINAMANGALAM, MELAKKOTTAIYUR POST,  
Chennai-600 127.



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(Affiliated to the Tamil Nadu Dr.MGR Medical University & Recognized by the Ministry of Health & Family welfare. Govt. of India New Delhi)

## EVENT REPORT

Name/Title of the program	AWARENESS CLASS ON ROAD SAFETY		
Date and Time	01/08/2023		9.00AM – 12:00 NOON
Venue	Ground floor, reception area, Tagore medical college and hospital		
Target audience/Stakeholder	Public, faculties, staff, and students		
Number of Participants	160		
Program/Event Organized by	Department of Orthopaedics, Tagore medical college and hospital		
Resource Persons Name and Topic Taken	Name	Designation	Topic Taken
	Dr. JENSON.I.	M.B.B.S, M.S, ORTHO	Road safety and orthopaedic injuries in road traffic accidents
Objective of the Program	To create awareness among public regarding road safety		

  
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## **Detailed report of the program**

On August 1, 2023, an awareness program on road safety was conducted at the venue, aimed at enlightening the public about safe practices while driving and emphasising the consequences of road traffic accidents. The event saw active participation from various segments of the community, including the public, patients, attenders, staff, faculties, and students. Dr. Jenson led the awareness session, imparting valuable insights and guidelines on road safety. The program commenced at 9 am, with an inaugural address by the Dean, marking the beginning of a concerted effort to promote responsible behaviour on the roads and reduce the incidence of accidents.

### **Photos:**



*[Signature]*  
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## PROGRAM REPORT

Name/Title of the program	BONE MINERAL DENSITY CAMP		
Date and Time	19/10/2023		9.00AM – 1:00 PM
Venue	Reception area, Tagore medical college and hospital		
Target audience/Stakeholder	Faculties, staffs of Tagore medical college and hospital and and public		
Number of Participants (approx)	150		
Program/Event Organized by	Department of Orthopaedics, Tagore medical college and hospital		
Resource Persons Name and Topic Taken	Name	Designation	Topic Taken
	Dr. JENSON.I.	M.B.B.S, M.S, ORTHO	BONE MINERAL DENSITY CAMP
Objective of the Program	To provide awareness about bone mineral density and osteoporosis		

  
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## **Detailed report of the program**

The Bone Mineral Density (BMD) camp organized on Osteoporosis Day served as a crucial initiative to raise awareness and promote early detection of osteoporosis. The camp aimed to address the growing concern surrounding bone health and empower individuals with knowledge about preventive measures.

The event featured comprehensive BMD screenings, allowing participants to assess their bone health through non-invasive tests. Medical professionals and experts were on hand to interpret the results and provide personalized advice on lifestyle modifications, nutrition, and exercise to enhance bone density.

The Bone Mineral Density camp also facilitated discussions on the role of nutrition in bone health, emphasizing the importance of a balanced diet rich in calcium and vitamin D. Additionally, physical activity demonstrations highlighted exercises that can enhance bone strength and reduce the risk of fractures.

The event served as a reminder that osteoporosis is a preventable and manageable condition with early intervention. By promoting proactive measures and fostering a supportive community, the BMD camp contributed to the broader goal of reducing the prevalence and impact of osteoporosis within the population. Participants left the camp equipped with the knowledge and tools to prioritize their bone health, fostering a culture of proactive healthcare and prevention within the community.

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## Photos




**TAGORE**  
MEDICAL COLLEGE & HOSPITAL  
Department of Orthopaedics



**DEPARTMENT OF ORTHOPAEDICS**

**BONE  
MINERAL  
DENSITY  
CAMP  
(BMD)**

**Location**  
Rathinamangalam, Melakkottaiyur Post, Chennai - 600127.

**Prof. Dr. M. Mala M.Phil., PhD.**  
Chairperson cum Managing Trustee Tagore Educational Trust

**Prof. Dr. J. MUTHUKUMARAN DLO, MS, M.Ch.**  
Dean TMCH

**Prof. Dr. B. JAYAKUMAR MS**  
Medical Superintendent TMCH

*Imma*  
**DEAN**  
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## CLASSES CONDUCTED TO STUDENTS

Date	Class topic	Cross cutting issue	Faculty
16-9-2023	Introduction to Orthopaedics: Overview of Bone and Joint Health	Health Determinants	Dr. Jenson
27-9-2023	Bone Fractures: Diagnosis and Management	Professional Ethics & Informed Consent	Dr. Ravindra
18-10-2023	Gender and Orthopaedics: Conditions and Disparities in Care	Gender Issues in Healthcare	Dr. Ankit
04-12-2023	Musculoskeletal Trauma: Emergency Management	Right to Health and Access to Emergency Care	Dr. Ankit
22-12-2023	Environmental Impact on Musculoskeletal Health	Environmental Sustainability	Dr. Aldrin
09-01-2024	Osteoporosis and Bone Health: Focus on Elderly and Women	Emerging Demographic Changes	Dr. Thyagarajan
28-01-2024	Orthopaedic Surgery and Human Values: The Role of Compassion in Care	Human Values in Healthcare	Dr. Aldrin
16-02-2024	Pediatric Orthopaedics:	Health Determinants and Access to	Dr. Vijayakrishna

  
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	Challenges and Solutions	Pediatric Care	
11-04-2024	Arthroplasty: Ethical Considerations and Patient Choice	Professional Ethics & Patient Autonomy	Dr. Ankit
29-04-2024	Musculoskeletal Disorders in Women: Osteoarthritis and Rheumatoid Arthritis	Gender-Specific Health Concerns	Dr. Jenson
06-05-2024	Spine Disorders and Preventive Care	Environmental Sustainability in Healthcare	Dr. Sathyadharan
11-06-2024	Bone Cancer: Diagnosis, Treatment, and Challenges	Right to Health & Equity in Oncology Care	Dr. Raghav
28-06-2024	Innovations in Orthopaedic Surgery: Robotics and Minimally Invasive Techniques	Emerging Demographic Changes & Technological Advancements	Dr. Sathyadharan

  
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