

EPHACON 2024
(ENHANCING PUBLIC HEALTH ACUMEN)
NATIONAL CONFERENCE
REPORT

Date-
14th and 15th June 2024

Organized by-
Department of Community Medicine,
Malabar Medical College Hospital and Research Centre,
Kozhikode

Venue-
Academic Block, Malabar Medical College Hospital and Research Centre,
Ulliyeri, Kozhikode

Report by-
Dr Remya Ramachandran,
Associate Professor & Organizing secretary (EPHACON),
Dept. of Community Medicine,
MMCH&RC

EPHACON 2024
(ENHANCING PUBLIC HEALTH ACUMEN)
NATIONAL CONFERENCE

EPHACON 2024 National Conference, organized by Department of Community Medicine, Malabar Medical College Hospital and Research Centre (MMCH & RC), Ulliyeri, Kozhikode, was conducted on 14th & 15th of June 2024. The theme of the conference was ‘**TB CHRONICLES- Lessons from the Past, Insights for the Future**’. The conference was inaugurated virtually by the Honorable Director of Medical Education, Kerala- Prof. Dr. Thomas Mathew. The inaugural function was presided by Dr P.V. Narayanan, Principal, MMCH&RC.

The theme of our conference “TB Chronicles” encapsulates the journey of Tuberculosis from historical accounts to contemporary challenges and triumphs. Narrative on TB across time, geography and communities, highlighting the struggles, advancements and hopes associated with combating this ancient yet persistent disease. An update on cutting-edge research, innovative interventions and effective strategies to combat Tuberculosis.

- ❖ A total of 130 delegates participated in the National Conference, which included 59 PGs, 3 PhD, 2 medical officers, 22 undergraduates and 44 faculties, from different colleges as delegates. Of the total, 35 delegates were from outside the state.
- ❖ The scientific sessions were handled by eminent doctors from across the country. Details attached below.
- ❖ Workshops on Operational Research and on CXR in respiratory infections, Truenat (Realtime PCR system- WHO endorsed) and interpretation of TB diagnostic tests conducted.
- ❖ A total of 61 Research paper (both oral and poster) presentations- including 11 faculty presentations on the theme- ‘**Communicable and Non-communicable diseases of Public Health Importance**’. 12 faculties from colleges across the state chaired the different Research paper presentation sessions.

Annexures-

The conference schedule and Resource Persons

Research Paper presentations

Copy of Delegate Certificate

Attendance of Delegates on Day 1 and Day 2 (separate file folder)



EPHACON- CONFERENCE SCHEDULE

CONFERENCE SCHEDULE

DAY 1 | 14 JUNE 2024

Time	Session	Resource Person
07:30 - 8:30 am	Registration and Breakfast	
WORKSHOP SESSION A - SAPPHIRE HALL		
08:30 - 9:30 am	Operational Research (OR): What? Why? How?	Dr. Akshaya K M NTEP, STF Chair (OR), Karnataka; Prof. & HOD, Community Medicine, Yenepoya Medical College, Mangaluru
09:30 - 10:00 am	Framing a research question, rationale, study objectives.	Dr. Kedar Mehta Associate Professor, Community Medicine, GMERS Medical College, Vadodara
10:00 - 10:30 am	Defining study participants, sample size calculation and sampling technique.	Dr. Akshaya K M
10:30 - 10:45 am	Tea break	
10:45 - 11:15 am	Inaugural session	
11:15 - 11:45 am	Example of a good OR project	Dr. Akshaya K M
11:45 - 12:15 pm	Study designs	Dr. Akshaya K M
12:15 - 12:45 pm	Group work	Dr. Kedar Mehta Dr. Akshaya K M
12:45 - 01:15 pm	Presentations and Discussion	Dr. Kedar Mehta Dr. Akshaya K M
WORKSHOP SESSION B - MEU HALL		
08:30 - 10:30 am	Chest X-Ray in respiratory infections of public health importance	Dr. Durga Balagopalan NTEP Nodal Officer Clinical; Associate Professor, Pulmonology, MMC Ulliyeri, Kozhikode
10:30 - 10:45 am	Tea break	
10:45 - 11:15 am	Inaugural session	
11:15 - 12:15 pm	Wet workshop on Truenat (Real time PCR system - WHO endorsed)	Molbio Diagnostics Pvt Ltd. Kerala team
12:15 - 01:15 pm	Interpretation of TB Diagnostic tests	Dr. Sanjeev Nair Chairman, ZTF for Medical Colleges, NTEP, South Zone II; Professor, Pulmonary Medicine, Govt. Medical College, Thrissur
01:15 - 02:00 pm	Lunch	
02:00 - 05:00 pm	Oral and Poster Presentations	

CONFERENCE SCHEDULE

DAY 2 | 15 JUNE 2024

Time	Session	Resource Person
07:30 - 08:30 am	Breakfast	
08:30 - 09:15 am	Tuberculosis: The re-emergence of a public health scourge	Dr. Navya J Thaikattil Assistant Director, Govt. Health Services; Former DTO, Kozhikode
09:15 - 10:15 am	The Past, Present and Future of the National Programme for TB	Dr. Navya J Thaikattil
10:15 - 10:30 am	Tea break	
10:30 - 11:45 am	Designing drug regimens for Tuberculosis	Dr. Sanjeev Nair
11:45 - 12:30 pm	Unusual TB Presentations	Dr. James P T Former ZTF Vice chair, South Zone II; Professor & HOD, Pulmonary Medicine, MMC, Ulliyeri, Kozhikode
12:30 - 01:10 pm	Lunch break	
01:10 - 02:00 pm	Recent advances in the Laboratory diagnosis of TB.	Dr. Anil Kumar Clinical Professor & HOD, Microbiology, Amrita Institute of Medical Sciences, Kochi
02:00 - 02:15 pm	Tobacco and Tuberculosis: The lethal duo	Dr. Muralidhar M K Professor, Community Medicine, KMC, Manipal
02:15 - 03:00 pm	Managing adverse drug reactions in TB	Dr. Sanjeev Nair
03:00 - 04:00 pm	Tuberculosis Preventive Therapy	Dr. Anupkumar T N WHO NTEP Consultant, Kerala
04:00 - 04:30 pm	Valedictory function	
04:30 pm	Tea	



DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24

MEU HALL				
Faculty Oral Presentations				
Faculties In Charge: Dr Remya (9400615502), Dr Swathi PGs In Charge: Dr Rakesh, Dr Swetha				
SL No	Abstract No	Author	Title	Time
1	EO01	Dr Daokho Apao	Dengue Outbreak In A Rural Hill District Of Senapati, Manipur, India, July-December 2023	2:00pm
2	EO02	Dr Nada Parvin A S	Health-Related Quality Of Life And Its Determinants Among Widowed Individuals In An Urban Area In Thrissur, Kerala	2:09pm
3	EO03	Dr Nitin Patil	Malaria Surveillance System Assessment In Raipur District, Chhattisgarh State, India, January-December 2023	2:18pm
4	EO04	Dr Sumna V M	Prevalence And Factors Associated With Multimorbidity Among Adolescents In Rural North India: A Community-Based Cross-Sectional Study.	2:27pm
5	EO05	Dr Aparna Padmanabhan	Prevalence And Risk Factors Of Malnutrition Among Under Five Children In A Rural Area Of Central Kerala: A Cross Sectional Comparative Study.	2:36pm
6	EO06	Dr.Divya M V	Evaluation Of Trace Calls By Xpert Mtb/Rif Ultra For Diagnosing Tuberculosis In A Tertiary Care Hospital	2:45pm



DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24

MEU HALL				
Faculty Poster Presentations				
Faculties In Charge : Dr Remya (9400615502), Dr Swathi				
PGs In Charge : Dr Rakesh, Dr Swetha				
SL No	Abstract No	Author	Title	Time
1	EP01	Dr. Muralidhar M Kulkarni	The Association Of Tobacco Use With Severity Of Covid-19 Infection: Systematic Review And Meta-Analysis.	2:54pm
2	EP02	Dr Bhawna	Identification Of Level Of Physical Activity As A Behavioural Risk Factor For Major Non-Communicable Diseases Among Adult Patients In Primary Health Care Setting Of A Rural Area In Delhi.	3:01pm
3	EP03	Dr Lalhlimpui	Fermented Soyabean Linked Food-Borne Outbreak At Thenzawl Village, Serchhip District, Mizoram, India October 2023	3:08pm
4	EP04	Dr Ashiq Rashid Mir	Hepatitis A Outbreak Investigation In Murrn Village, Pulwama District, Kashmir Division Of Jammu And Kashmir, India, July-November 2023	3:15pm
5	EP05	Dr.Raseena P.A	Knowledge And Practice Of Breast Self-Examination Among Women Of Reproductive Age Group In Rural Area Of Palakkad District Of Kerala: A Cross-Sectional Study	3:22pm

DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24



FORENSIC DEMO HALL
PG Oral Presentation (NCD/ Miscellaneous)

Faculty In Charge: Dr Sobin (9496334593)
PGs In Charge: Dr Rohith, Dr Anjusha

SL No	Abstract No	Author	Title	Time
1	EO07	Dr P Sathya	"A Mixed-Method Study To Assess Adherence To Antihypertensive Medication Among Adult Hypertensive Women In The Urban Primary Health Centre Area Of Puliyanthope, Chennai."	2:00pm
2	EO08	Dr Ananya Kumar Palai	Alcohol Consumption In Youth Of India: A Secondary Data Analysis	2:09pm
3	EO09	Dr Chinmoy Parthasarathi Bhattacharya	Assessment Of Substance Use As A Behavioural Risk Factor For Major Non-Communicable Diseases Among Adult Patients In Primary Health Care Setting Of A Rural Area In Delhi.	2:18pm
4	EO10	Dr Sreeram M	Health Seeking Behaviour Among Caregivers Of Under-Five Children Attending A Rural Primary Health Centre, Kancheepuram District, Tamil Nadu – A Cross Sectional Study.	2:27pm
5	EO11	Dr Alif Lam N M	Performance Of Health Insurance Sector In India Before And After Covid-19 Pandemic	2:36pm
6	EO12	Dr Anjusha VS	Adverse Childhood Experiences and Parental Stress among mothers of preschool children In Urban field practice area of a medical college in North Kerala - A Cross Sectional study	2:45pm
7	EO13	Dr Rohith TR	A Study On Compliance To Antidiabetic Medications Provided To The Patients Attending NCD Clinic In Urban Health Centre	2:54pm
8	EO14	Dr Priyanka Bantwal	Perceptions Of Adolescents On Current Anti-Tobacco School-Based Education In Karnataka: A Qualitative Study	3:03pm

FORENSIC DEMO HALL
PG Poster Presentations (NCD/ Miscellaneous)
Session 1

Faculty In Charge: Dr Sobin (9496334593)
PGs In Charge: Dr Rohith, Dr Anjusha

SL No	Abstract No	Author	Title	Time
1	EP23	Dr Abdul Rahman A M	Quality Of Life Among College Students With Hearing Impairment In Chennai Institutional Based Cross-Sectional Study	3:15pm
2	EP24	Dr Jesymol Joy	Prevalence Of Depression And Anxiety Among Hypertensives In Urban Mysuru	3:22pm
3	EP25	Dr. Jyothsna T H	Assessment Of Self Care Practices Among Patients With Type 2 Diabetes Mellitus In Thrissur District: A Mixed Method Study	3:29pm
4	EP26	Dr.Raja Sudharsana Manikandan	Knowledge , Attitude And Practice About Cervical Cancer And HPV Vaccine Among Medical And Paramedical Students : A Cross Sectional Study	3:36pm
5	EP27	Dr Mir Mohib Ali	Prevalence Of Drug Adherence Among Diabetic Patients In Medavakkam - A Cross Sectional Study.	3:43pm
6	EP28	Dr. Neenu Krishna P	Clinicopathological Profile Of Breast Cancer Patients Attending A Tertiary Care Hospital In Central Kerala	3:50pm
7	EP29	Dr Neha Annet Joy	Prevalence Of Lifestyle Risk Factors Of Non-Communicable Diseases Among Transgender Population In Bangalore City – A Cross-Sectional Study.	3:57pm
8	EP30	Dr Nikhilamol B S	Exploring The Epidemic: Diabetes Mellitus & Hypertension Prevalence In Kerala Using Nfhs-5 Data	4:04pm



DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24



Modakkallur, Kerala, India
CQMG+4C5, Modakkallur, Kerala 673315, India
Lat 11.433015°
Long 75.776227°
14/06/24 03:55 PM GMT +05:30



Modakkallur, Kerala, India
CQMG+4C5, Modakkallur, Kerala 673315, India
Lat 11.432995°
Long 75.776189°
14/06/24 03:11 PM GMT +05:30

SAPPHIRE HALL
PG Oral Presentations (CD)

Faculty In Charge: Dr Roshni (9809214686), Mrs Drisya
PGs In Charge: Dr Afthab, Dr Aswini, Dr Rahana

SL No	Abstract No	Author	Title	Time
1	EO15	Dr. Queensly Pereira	Assessment Of Attrition In The Tuberculosis Diagnostic Cascade In Mumbai City By Secondary Data Analysis Of Nikshay Patient Lab Registers.	2:00pm
2	EO16	Dr Levin Jake Varghese	From Hesitancy To Acceptance: Dispelling Myths And Making HPV Vaccination Accessible	2:09pm
3	EO17	Dr Swetha Nirmal P	Knowledge, Attitude And Practice Regarding Tuberculosis Among Adult Population In A Field Practice Area Of A Tertiary Care Centre In North Kerala – A Cross Sectional Study.	2:18pm
4	EO18	Dr Mahsooma T A	Mortality Among Confirmed Leptospirosis And Dengue Cases Admitted In A Tertiary Care Centre In Thrissur District	2:27pm
5	EO19	Dr Binshina Basheer	Burden Of Priority Zoonotic Disease Reporting To A Sentinel Surveillances Unit In North Kerala	2:36pm
6	EO20	Dr Sarangi Sajan	Clinico-Epidemiological Profile Of Malaria Cases In A Tertiary Care Centre Of Thrissur District From 2020-2024	2:45pm
7	EO21	Dr Rahana Raj R	Knowledge, Attitude and Practices regarding Rabies Prophylaxis among adult population in a rural field practice area of a tertiary care centre in Kozhikode district.	2:54pm
8	EO22	Dr Akhil G	Verbal Autopsy Of TB Death Cases In A Tertiary Care Center In North Kerala	3:03pm



DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24

SAPPHIRE HALL
PG Poster Presentations (CD)
Session 1

Faculty In Charge: Dr Roshni (9809214686), Mrs Drisya
PGs In Charge: Dr Afthab, Dr Aswini, Dr Rahana

SL No	Abstract No	Author	Title	Time
1	EP15	Dr Renju Raju	Epidemiological Profile And Trend Of Mumps Cases Admitted In A Tertiary Care Setting In Kozhikode District: Cross Sectional Study	3:15pm
2	EP16	Dr D. Sreeraj	Unusual Presentation Of A Common Pathogen – A Case Report	3:22pm
3	EP17	Dr Sanooja Sherin C K	Trend Of Mumps Outbreaks In India From 2014-2024: Analysis Of Idsp Data	3:29pm
4	EP18	Dr Divya Priya A	Prevalence Of Respiratory Morbidity And Its Associated Factors Among Construction Site Workers In Namakkal – A Cross Sectional Study	3:36pm
5	EP19	Dr Aswini Navaratna Sasi	Knowledge, Attitude And Practice Regarding Blood Donation Among General Population In A Rural Field Practice Area Of A Tertiary Care Centre In North Kerala – A Cross Sectional Study	3:43pm
6	EP20	Dr. Susan Areekal Sajeev	Exploring Knowledge, Attitude And Practice Regarding ARI Among Mothers Of Under 5 Children In A Tertiary Care Centre In Thrissur District	3:50pm
7	EP21	Dr.Faheema.K.K	Knowledge Regarding Airborne Infection Control Practices Among Medical Students	3:57pm
8	EP22	Dr Aiswarya K P	Effect Of Diabetes Mellitus On The Treatment Outcome Of Tuberculosis Among Tb Patients In Perinthalmanna :A Cross Sectional Study	4:04pm

DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24

<p align="center">Community Medicine Demo Hall 2 PG Poster Presentations (CD) Session 2</p> <p align="center">Faculty In Charge: Dr Shilpa, Dr Shakhy (9645182824) PGs In Charge: Dr Nuziya, Dr Akshara</p>				
SL No	Abstract No	Author	Title	Time
1	EP06	Dr. Nivea James	Maternal Knowledge Attitude And Practices Regarding Acute Diarrhoeal Diseases In Children In A Tertiary Care Hospital Of Thrissur, Kerala.	2:00pm
2	EP07	Dr Ashitha Sunny	Primary Mycetoma Of The Foot Caused By Acremonium Kiliense: An Unusual Case Report	2:07pm
3	EP08	Dr Aswathi T Mohan	<i>Candida Pelliculosa</i> Outbreak In Neonatal ICU– A Case Series	2:14pm
4	EP09	Dr Eman Abdul Majeed Kaladi	Trend And Mortality Pattern Of Hepatitis-A Cases Reported In A Tertiary Care Hospital In North Kerala	2:21pm
5	EP10	Dr Fairouz Haseen JH	Knowledge Regarding Tuberculosis Preventive Therapy Among The Post Graduates Of Govt Td Medical College Alappuzha	2:28pm
6	EP11	Dr Hiba Shaji	Clinical Profile Of Extra Pulmonary Tuberculosis: A Cross Sectional Study In The Malappuram District Of Kerala	2:35pm
7	EP12	Dr Jinsa Raj P	<i>Burkholderia Cepacia</i> Causing Disseminated Infection In An Immunocompromised Patient-A Case Report	2:42pm
8	EP 13	Dr Meenu Mariya James	Long term trends in the burden of dengue incidence and mortality in India(1990-2019): A Joinpoint regression and age-period-cohort analysis using Global Burden of Disease Study 2019	2:49pm
9	EP14	Dr Meenu Sara John	Multimorbidity Among Tb Patients In A Tertiary Care Centre In Alappuzha	2:56pm

DETAILS OF RESEARCH PAPER AND POSTER PRESENTATIONS ON 14/06/24

Community Medicine Demo Hall 2
PG Poster Presentations (NCD/Miscellaneous)
Session 2

Faculty In Charge: Dr Shilpa, Dr Shakhy (9645182824)
PGs In Charge: Dr Nuziya, Dr Akshara

SL No	Abstract No	Author	Title	Time
1	EP31	Dr B Sanjana Arunthathi	Prevalence And Associated Factors Of Uncontrolled Blood Pressure Among Hypertensive Patients In A Rural Population Of Salem, Tamil Nadu	3:10pm
2	EP32	Dr Shiyal Vishalkumar K	Burden Of Visual Impairment In Village Area Of Jafrabad Block, Amreli District, Gujarat.	3:17pm
3	EP33	Dr Amoga Savitri	Assessing Medical And Socio-Economic Challenges: A Situational Analysis Of Elderly Patients At Uhtc And Urban Slum Field Opd In South Gujarat	3:24pm
4	EP34	Dr Manirsha P V	Assessment Of Health Literacy Among Self Help Groups Of Women In An Urban Slum Area Of Mysuru District	3:31pm
5	EP35	Dr Diju Joy Sasi	Assessment Of Hand Hygiene Knowledge And Practices Among Health Care Providers In A Tertiary Care Hospital, Sullia	3:38pm
6	EP36	Dr Nuziya Fathima	Knowledge and Attitude regarding Cervical cancer among medical students in a tertiary care centre of North Kerala	3:45pm
7	EP37	Dr Akshara V Krishna	Suicidal Ideation And Associated Factors Among Medical Undergraduate Students In A District Of North Kerala	3:52pm
8	EP38	Dr. Alisha Pathrose	Fighting the fungus:A case study on vanquishing Chromoblastomycosis with Surgery and Antifungal therapy	3:59pm
9	EP39	Dr. Merin Mathew	An innovative solution in a complicated situation: A case study on use of artificial dermal matrix to close an infected wound in a patient with multi-morbidity.	4:06pm



NATIONAL CONFERENCE
THEME:
"TB CHRONICLES -
LESSONS FROM THE PAST,
INSIGHTS FOR THE FUTURE"



MALABAR MEDICAL COLLEGE
HOSPITAL & RESEARCH CENTRE
DEPARTMENT OF COMMUNITY MEDICINE

CERTIFICATE

This is to certify that Dr/Mr/Ms/Mrshas been a Delegate in the National Conference EPHACON 2024, organized by the Department of Community Medicine, Malabar Medical College Hospital & Research Centre, Kozhikode, Kerala, held on 14th & 15th June 2024. This conference is allotted five CME credit hours as per order no C6-11121/2024/MC/CME dated 11th June 2024 by Kerala State Medical Councils.



Mr. Anil Kumar V.
Chairman



Dr. P. V. Narayanan
Principal



Dr. George P. Jacob
Organizing Chairperson



KERALA STATE MEDICAL COUNCIL OF MODERN MEDICINE
COMBINED COUNCIL BUILDING, RED CROSS ROAD, THIRUVANANTHAPURAM- 695 035, KERALA, INDIA.

No. C6/11121/2024/MC/CME

Date: 12/06/2024

To:

Dr. Remya Ramachandran
Organising Secretary
Dept. of Community Medicine
Malabar Medical College Hospital & Research Centre
Ulliyeri, Modakkallur
Kerala - 673315

Madam,

Sub:- Kerala State Medical Councils – Allotment of credit hours for CME programme on the subject EPHACON 2024 - reg

Ref:- Your application dated 18/05/2024.

With reference to the above, it is decided to allot by the CME committee of the Council of Modern Medicine **5 hours (Five hours)** credit time for the CME Programme on the subject **EPHACON 2024** conducted by **Dept. of Community Medicine, Malabar Medical College Hospital & Research Centre at Academic Block, Malabar Medical College Hospital on 14th & 15th June 2024.**

This approval is based upon your adherence to the following instructions:-

1. A report on the programme shall be submitted to this office by the organizing Secretary with his Name, and KSMC Registration Number.
2. List of the participants with Kerala State Medical Councils Registration Number and copy of the certificate issued to the participants should be furnished to the Council within one month from the date of the programme.

