



## Workshop on Cancer Epidemiology and Public Health

Date: 12<sup>th</sup> & 13<sup>th</sup> August 2025



Applied for  
MMC Credit  
Points

Organised by: Centre for Cancer Epidemiology, Tata Memorial Centre

### What will you learn

- Hospital Based Cancer Registry (HBCR)
- Population Based Cancer Registry (PBCR)
- Patterns of Cancer Care
- Survival Studies in Cancer
- National Tobacco Quit Line Services
- Molecular Epidemiology
- Population Genetics
- Concept of Preventive Oncology
- Implementation Science & Behavioral Research
- Unit for Strengthening Cause of Death
- Medical Certification of Cause of Death (MCCD) in India

### ➔ Who can participate

MBBS, MD PSM/Community Medicine, MPH, PhD, MSc Epidemiology/Public Health, Medical Officers, Consultants, Clinical Trial Coordinators, Research Associates/ Assistants and Graduate/ Diploma in Health sciences

### Practical Exposure and Skill Building

- Visit to Molecular Epidemiology Lab, Preventive Oncology OPD, Tobacco Cessation Centre, Health Awareness Sessions.
- Observation of common cancer screening- OVI, CBE, VIA, VILI, Pap, HPV.
- Demonstration of procedures- Punch Biopsy, Cryotherapy, Thermal Ablation.
- Overview of softwares for HBCR and PBCR.
- MCCD e-learning course.

Organising Chairperson

Dr. Rajesh Dikshit  
Director, CCE

Organising Secretary

Dr. Gauravi Mishra  
Deputy Director, CCE

Programme Co-ordinators

Dr. Vasundhara Kulkarni  
Scientific Officer  
9820804497

Dr. Harimadhav  
Research Fellow  
7907821154

Venue: Mini Auditorium, 3<sup>rd</sup> Floor, Paymaster Shodhika Building, ACTREC, Tata Memorial Centre, Kharghar, Navi Mumbai - 410210

Registration Link: <https://forms.gle/a3LqT4XcyswkbHVf6>

Registration Fees: Rs. 1500/-



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This two-day workshop is designed to bring together public health professionals, researchers, and clinicians to strengthen their knowledge and build practical skills in cancer epidemiology, public health and preventive oncology. The workshop will offer a unique blend of theoretical learning and hands-on training, including visits to state-of-art facilities and real-world screening settings. It aims to enhance the participant's ability to make effective contributions in cancer control programs, research initiatives, and evidence-based policymaking.

## Key takeaways for participants: In-depth understanding of:

- Preventive Oncology concepts
- Hospital-Based and Population-Based Cancer Registries
- Patterns of Cancer Care
- Survival studies in cancer
- Molecular Epidemiology and Population Genetics
- USCOD (Unit for Strengthening Cause Of Death)
- National Tobacco Quit Line Services

## Practical exposure through guided visits to:

- Biobank and Molecular Epidemiology Lab
- Preventive Oncology OPD

## Hands-on training on Models:

- Screening techniques: Oral Visual Inspection (OVI), Clinical Breast Examination (CBE), Cervical Cancer Screening - VIA, VILI, Pap smear, and HPV testing
- Demonstration of procedures: Punch biopsy, Cryotherapy and Thermal Ablation
- Introduction to software tools used in Hospital-Based Cancer Registries.

With the increasing burden of cancer and the critical need for evidence-based preventive strategies, this workshop will serve as a platform for knowledge exchange and skill development.

Registration  
Fees:  
Rs. 1500/-

Registration Link:  
<https://forms.gle/a3LqT4XcyswkbHVf6>

Last Date for Registration: 11<sup>th</sup> August 2025

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# Workshop on Cancer Epidemiology and Public Health

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(12<sup>th</sup> & 13<sup>th</sup> August 2025)

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Advance Centre for Treatment, Research and Education in Cancer (ACTREC), Kharghar, Navi Mumbai - 410210

Time	Topic	Faculty
DAY 1 - 12 <sup>th</sup> AUGUST 2025		
09:00 am - 09:30 am	Registration and Breakfast	Ms. Neelam Hardikar Ms. Mrudula Meher
09:30 am - 09:40 am	Welcome and Introduction to Flagship Workshop of Centre for Cancer Epidemiology and Public Health	Dr. Gauravi Mishra Deputy Director, CCE
09:40 am - 09:55 am	Inauguration of the Workshop and Inaugural Address	Dr. Pankaj Chaturvedi Director, ACTREC Dr. Rajesh Dikshit Director, CCE
09:55 am - 10:20 am	Introduction to Centre for Cancer Epidemiology	Dr. Rajesh Dikshit Director, CCE
10:20 am - 10:40 am	Introduction and Overview of Hospital Based Cancer Registry (HBCR)	Dr. Amey Oak Officer In Charge (OIC) Division of Cancer Care HBCR & Survival Studies, CCE
10:40 am - 11:10 am	HBCR Software of CCE	Ms. Sandhya Cheulkar Scientific Assistant, CCE
11:10 am - 11:40 am	Patterns of Cancer Care and Survival Studies Service	Medical Officer HBCR
11:40 am - 12:00 pm	Tea Break	
12:00 pm - 12:20 pm	Opportunities and Scope of Research Identified through HBCR	Dr. Sivaranjini K Assistant Professor, CCE
12:20 pm - 01:00 pm	Overview of Unit of Strengthening Cause of Death (USCOD)	Dr. Yagnik Vaza USCOD Country Coordinator
	Status of Medical Certification of Cause of Death (MCCD) in India	Dr. Sharvari Mhapankar USCOD Liaison Officer
	Introduction to MCCD e-learning course	
01:00 pm - 01:50 pm	Lunch Break	
01:50 pm - 02:10 pm	Basic Principles of Cancer Epidemiology and Molecular Epidemiology	Dr. Rajesh Dikshit Director, CCE
02:10 pm - 02:40 pm	Concepts of Cause, Biases, and Confounding	Dr. Sharayu Mhatre Scientific Officer, OIC Division of Molecular Epidemiology and Population Genomics, CCE
02:40 pm - 03:00 pm	Study Designs and Epidemiology	



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03:00 pm - 03:20 pm	Assessment of Biomarkers in Molecular Epidemiology	Dr. Rajesh Dikshit Director, CCE  Dr. Sharayu Mhatre Scientific Officer, OIC Division of Molecular Epidemiology and Population Genomics, CCE
03:20 pm - 03:50 pm	Concept of Genome Wide Association Studies (GWAS) with Examples	
03:50 pm - 04:00 pm	Break	
04:00 pm - 04:10 pm	Concept of Mendelian Randomisation	Dr. Rajesh Dikshit Director, CCE  Dr. Sharayu Mhatre Scientific Officer, OIC Division of Molecular Epidemiology and Population Genomics, CCE
04:10 pm - 04:30 pm	Utility of Sequencing Data in Molecular Epidemiology	
04:30 pm - 04:45 pm	Biological Sample Collection, Processing, Transportation and Storage	
04:45 pm - 04:55 pm	Ethical Issues in Molecular Epidemiology	
04:55 pm - 05:20 pm	Discussion on Papers Published by Molecular Epidemiology and Population Genomics	
Day 2 - 13 <sup>th</sup> August 2025		
09:00 am - 09:25 am	Introduction to Preventive Oncology with Specific Reference to Early Detection of Cancers among Women	Dr. Sharmila Pimple Professor & Head Department of Preventive Oncology Tata Memorial Hospital
09:25 am - 09:50 am	Overview of Screening of Oral Cavity Cancers and Tobacco Cessation Services	Dr. Arjun Singh Associate Professor Department of Head and Neck Oncology ACTREC
09:50 am - 10:15 am	Implementation Science and Behavioural Research in Cancer Control	Dr. Gauravi Mishra Deputy Director, CCE
10:15 am - 10:45 am	Role of Cancer Registry in Cancer Control	Dr. Atul Budukh Professor Epidemiology OIC, Medical Records & Cancer Registries CCE
10:45 am - 11:00 am	Tea Break	
11:00 am - 11:20 am	Role of Tobacco Quit Line in Tobacco Control	Ms. Dinawaz Sangle Counsellor Tobacco Quitline Toll-Free Number Service CCE



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11:20 am - 11:45 am	Overview of Affordable Cancer Care Project	Dr. Suvarna Gore Scientific Officer, CCE
11:45 am - 12:10 pm	Maintaining Cancer Registry Data	Mr. Pratik, Ms. Sushma Scientific Assistants, CCE
12:10 pm - 01:00 pm	Globocan and Cancer in Five Continents- Hands-on Training	Ms. Sharyu Mahamane, Ms. Samyukta Shivkumar Scientific Assistants, CCE
01:00 pm - 01:45 pm	Lunch Break	
01:45 pm - 02:15 pm	Calculation of Crude Incidence Rate, Age Specific and Age Adjusted Rates- Hands-on Training	Ms. Sonali Bagal Sr. Research Coordinator Medical Records & Cancer Registries, CCE
02:15 pm - 02:35 pm	Challenges in Implementation of Government Schemes for Cancer Patients	Dr. Suvarna Gore Scientific Officer, CCE
02:35 pm - 04:30 pm	Preventive Oncology Demonstration- Standees and Tables Explaining- OVI, CBE, VIA, VILI, Pap, HPV, Biopsies, Cryotherapy and Thermal Ablation	Dr. Hari Madhav Research Fellow  Dr. Vasundhara Kulkarni Scientific Officer  Dr. Kavita Anand Project Manager  Nursing staff
04:30 pm - 04:40 pm	Tea Break	
04:40 pm - 05:10 pm	Group Discussion and feedback	All Faculties
05:10 pm - 05:30 pm	Closing Remarks, Certificate Distribution and Vote of Thanks	Dr. Rajesh Dikshit Director, CCE  Dr. Gauravi Mishra Deputy Director, CCE