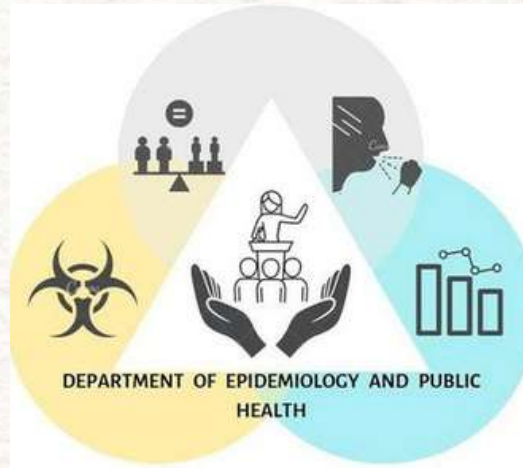


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EPI HEALTH

2022-2023

DEPARTMENT OF EPIDEMIOLOGY AND
PUBLIC HEALTH
CENTRAL UNIVERSITY OF TAMIL NADU
THIRUVARUR

ANNUAL NEWS LETTER

MESSAGE FROM HEAD OF THE DEPARTMENT, EPH



Prof. Natarajan Gopalan

I am very happy to write the forward for Epi Health, e-newsletter of the Department of Epidemiology and Public Health, for the period 2022-2023. Consistently for this period, faculty through their publications are contributing to public health discourse. I appreciate the efforts of the editorial team in bringing out this edition of our newsletter.

WELCOME TO DEPARTMENT OF EPIDEMIOLOGY AND PUBLIC HEALTH

~~~~MEET OUR FACULTIES~~~~

## **PROF. NATARAJAN GOPALAN**

Professor and Head of the Department  
Area of Research: Medical Entomology  
Diseases Diagnosis and Management



## **DR. SUJIT KUMAR BEHERA**

Assistant professor  
Area of research: Epidemiology of  
zoonotic diseases and development of  
novel diagnostics for diseases of  
public health importance

## **DR. PRAVEEN BALABASKARAN NINA**

Assistant professor  
Area of research: Vector (Anopheles)  
– Parasite (Plasmodium).  
Relationships and resistance and  
susceptibility of vectors to  
plasmodium



**DR. LEKHA D BHAT**

Assistant Professor  
Area of Research: Gender Health,  
Health Policy, and Qualitative  
Research



**DR. NEENA ELEZEBETH PHILIP**

Assistant professor  
Area of research: Healthcare  
economics, Health system and Health  
Policy



# DEPARTMENTAL ACTIVITIES

## FRESHERS DAY FOR 2022-24 NEW BATCH

On the 4th of January 2023, second-year MSc EPH students conducted a Fresher's program titled NAVAGAT-2023 for the first-year batch of 2023. Fresher's Day as a welcoming party is successfully done with all Jovial smiles and high spirits. Various dance performances, singing performances, and many games were organized during the function. The interaction sessions with juniors from different places, their first experiences in CUTN, guidance from faculties all the things taken to great accomplishment



## FAREWELL FOR SENIORS 2023 MAY

**On 15th May 2023, first-year students arranged a farewell party under the title HASTA LA VISTA-2023 for the final-year outgoing students. Juniors arranged many programs for their seniors to entertain them. Some exciting games were also arranged for the seniors by their juniors. Many memories about life in CUTN were shared by seniors.**



## NATIONAL CANCER AWARENESS PROGRAM

**National Cancer Awareness Day is observed on November 7 in India. The day emphasises the need of raising public awareness of cancer prevention and early detection. To raise awareness among students at CUTN and the local community around the university the Department of Epidemiology and Public Health and Health Centre of the Central University of Tamil Nadu conducted a "National Cancer Awareness Program and General Medical Camp" in collaboration with Vinayaka Mission Medical College and Hospitals, Karaikkal on 7th November 2022**



## SEMINAR

**A Seminar on Biodiversity and Biotechnological Tools used in conservation was organised by the EPH Department and was held in the Pro VC hall in the admin block on February 13, 2023 from 2:30 pm onwards. The session was taken by Prof. G. Umapathy from CCMB Hyderabad. He discussed about the imbalances caused due to deforestation, the alterations in the food chain and the famous Black Buck case of famous Bollywood actor Salman Khan. He also elaborated on the laboratory methods used for various analysis in the field of Biodiversity. First Semester students along with HOD and all the other faculty members were present in the session.**





# STUDENT ACHEIVEMENTS

## UGC NET QUALIFIED



**ALA SARITHA**  
**P211502**



**YOGESWARAN ALIAS NEHRU S**  
**P211518**



**ROHIT JANGRA**  
**P211512**

Junior Research Fellow (JRF),  
Department of Community Medicine  
and School of Public Health, PGIMER-  
Chandigarh

# OUR PHD SCHOLAR'S ACHEIVEMENT

| <b>Year of award</b> | <b>Periods of award</b> | <b>Name of the Scholar</b>   | <b>Specify the grants viz<br/>JRF/SRF/PDF/<br/>RA etc etc</b> | <b>Awarding Agency</b> |
|----------------------|-------------------------|------------------------------|---------------------------------------------------------------|------------------------|
| <b>2023</b>          | <b>3 years</b>          | <b>Ms.Rashi Dixit</b>        | <b>JRF</b>                                                    | <b>UGC -<br/>SJSGC</b> |
| <b>2023</b>          | <b>1 year</b>           | <b>Ms.Aiswarya<br/>Mohan</b> | <b>SRF</b>                                                    | <b>ICMR</b>            |

# FACULTY ACHIEVEMENTS

## DETAILS OF PUBLICATIONS IN THE YEAR 2022-2023

| S.No | Title of Paper                                                                                                                             | Name of the author/s | Name of the Journal             | Year of Publication |
|------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------|---------------------|
| 1    | Health,Economic and Social Development Challenges of the COVID-19 Pandemic: Strategies for Multiple and Interconnected Issues              | Lekha Bhat           | Healthcare (Basel).             | 2022                |
| 2    | Prevalence and Associated Factors of Stroke among Older Adults in India: Analysis of the Longitudinal Aging Study in India-Wave 1 2017-18. | Lekha Bhat           | Indian Journal of Public Health | 2022                |
| 3    | Appraisal of climate change and cyclone trends in Indian coastal states: a systematic approach towards climate action                      | Lekha Bhat           | Arabian Journal of Geosciences  | 2022                |
| 4    | Fear, discrimination, and healthcare access during the COVID-19 pandemic: Exploring women domestic workers' lives in India                 | Lekha Bhat           | Agenda                          | 2022                |
| 5    | Impact of Coastal Disasters on Women in Urban Slums: A New Index.                                                                          | Lekha Bhat           | Sustainability.                 | 2022                |

# FACULTY ACHIEVEMENTS

## DETAILS OF PUBLICATIONS IN THE YEAR 2022-2023

|   |                                                                                                                                                                                                                                                           |                                                               |                                    |             |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------|-------------|
| 6 | <b>Spatial epidemiology of acute respiratory infections in children under 5 years and associated risk factors in India: District-level analysis of health, household, and environmental datasets.</b>                                                     | <b>Praveen Balabaskaran<br/>Nina &amp; Sujit Kumar Behera</b> | <b>Front Public Health.</b>        | <b>2022</b> |
| 7 | <b>Diagnosis of Human Leptospirosis: Comparison of Microscopic Agglutination Test with Recombinant LigA/B Antigen-Based In-House IgM Dot ELISA Dipstick Test and Latex Agglutination Test Using Bayesian Latent Class Model and MAT as Gold Standard.</b> | <b>Sujit Kumar Behera</b>                                     | <b>Diagnostics (Basel).</b>        | <b>2022</b> |
| 8 | <b>Prevalence and associated factors of cardiovascular diseases among men and women aged 45 years and above: Analysis of the longitudinal ageing study in India, 2017-2019.</b>                                                                           | <b>Lekha Bhat &amp; Neena Elezebeth Philip</b>                | <b>Indian Heart Journal.</b>       | <b>2023</b> |
| 9 | <b>Prevalence and factors associated with incomplete immunization among children aged 12 to 35 months in Eswatini: analysis of the Eswatini multiple indicator cluster survey</b>                                                                         | <b>Neena Elezebeth Philip</b>                                 | <b>Pan African Medical Journal</b> | <b>2023</b> |

# FACULTY ACHIEVEMENTS

## DETAILS OF BOOK CHAPTERS PUBLISHED

| S.No | Name of the faculty | Title of the book/chapters published                                                                                                                                                            | Name of the Publisher                  | Year of Publication |
|------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|
| 1    | Lekha Bhat          | COVID and Climate Change: Development Perspective.                                                                                                                                              | Authors Press, New Delhi.              | 2022                |
| 2    | Lekha Bhat          | Institutional Childbirth and Dignity Deciphered: The Kerala Context.                                                                                                                            | Bloomsbury, Delhi.                     | 2022                |
| 3    | Lekha Bhat          | Livelihood, employment and health of migrant workers in the context of COVID-19 pandemic. In India Migration Report 2021 Migrants and Health.                                                   | Routledge India.                       | 2022                |
| 4    | Lekha Bhat          | COVID 19, Climate Change and Growing Inequality: The Emerging Paradigm Shift in Helping Profession. In Panneer S et al (Ed) COVID 19 and Climate Change: Development Perspective.               | Authors Press. New Delhi.              | 2022                |
| 5    | Lekha Bhat          | Nutrition, Lifestyle and Health Status Among Tribal Communities: A Case Study of Particularly Vulnerable Tribal Group of Kerala. In Sustainable Health Through Food, Nutrition, and Life Style. | Springer.                              | 2023                |
| 6    | Lekha Bhat          | Health and Well-Being of Nonagenarian Persons in Kerala. In: Handbook of Aging, Health, and Public Policy.                                                                                      | Ed Irudaya Rajan. Springer, Singapore. | 2023                |

# FACULTY ACHIEVEMENTS

## FELLOWSHIP DETAILS FOR ADVANCED STUDY/ RESEARCH

| S.No | Name of the Recipient Faculty | Stature of fellowship (National/ International) | Awarding Agency | Details of Advanced Studies                                        | Year of Award                           |
|------|-------------------------------|-------------------------------------------------|-----------------|--------------------------------------------------------------------|-----------------------------------------|
| 1    | Dr. Sujit Kumar Behera        | National                                        | ICMR            | Development and evaluation of an isothermal assay for scrub typhus | 20th January 2023 to 19th January, 2024 |

# FACULTY ACHIEVEMENTS

## FACULTY DEVELOPMENT PROGRAMME

| <b>Name of the faculty</b> | <b>Type of program</b>                                                                                                                                                   | <b>Duration</b> |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Lekha D Bhat               | <b>Faculty Development Program</b><br>1)Research Methodology<br>2)Blended Learning: Concepts and Tools<br>3)How to create your own MOOCS<br>4) Academic research writing | 7 days each     |

# ~~~MEET OUR EDITORS~~~



**DR LEKHA D BHAT**  
**TEACHER CHIEF EDITOR**



**DR NEENA ELEZEBETH PHILIP**  
**TEACHER CHIEF EDITOR**



**KANAGLAKSHMI K**  
**STUDENT EDITOR**



**ARCHANA S**  
**STUDENT DESIGNER**