

DEPARTMENT OF RESPIRATORY MEDICINE



OBJECTIVES



- Comprehensive care, both diagnostic & therapeutic, for patients with respiratory illnesses like asthma ,COPD, Bronchiectasis, ILD, Respiratory infections including Tuberculosis , Carcinoma lung, pleural diseases and sleep related breathing disorders.



VISION

- **Lung Health for All:** Our department aim to minimize the burden of respiratory disease by providing innovative, excellent, and humanistic care for patients and society
- This include **rehabilitate** the patients with chronic respiratory illness
- **Transforming Lives through Healthcare:** Strive to be recognized as medical institute of excellence, cultivating young doctors to deliver superior patient care with empathy and compassion.



MISSION

- **Providing Quality Care:** Pulmonary Medicine department focus on delivering health promotion, disease prevention, and timely curative care to patients
- **Advancing Research and Education:** Aim to perform research, enhance understanding of lung health, and educate doctors to be outstanding clinicians
- **Empowering Healthcare Professionals:** Prioritize empowering nursing professionals for impactful healthcare contributions and fostering innovation, continuous improvement, and proactive community engagement



CORE VALUES

- **Compassion:** Pulmonary Medicine department emphasize the importance of empathy, understanding, and genuine concern for patients.
- **Integrity:** Upholding the highest ethical standards, trust, and transparency.
- **Innovation:** Embracing creativity, adaptability, and continuous improvement.





Professor Emeritus



Professor & HOD



Associate Professor



OUR DEPARTMENT



Assistant Professor



Senior Resident



Senior Resident

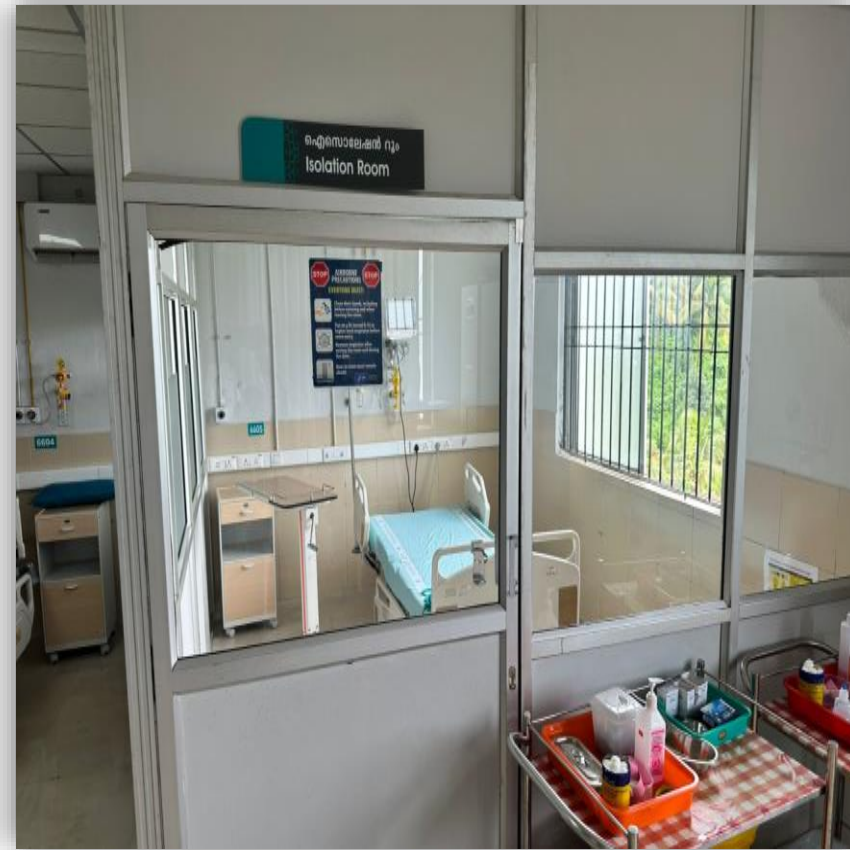


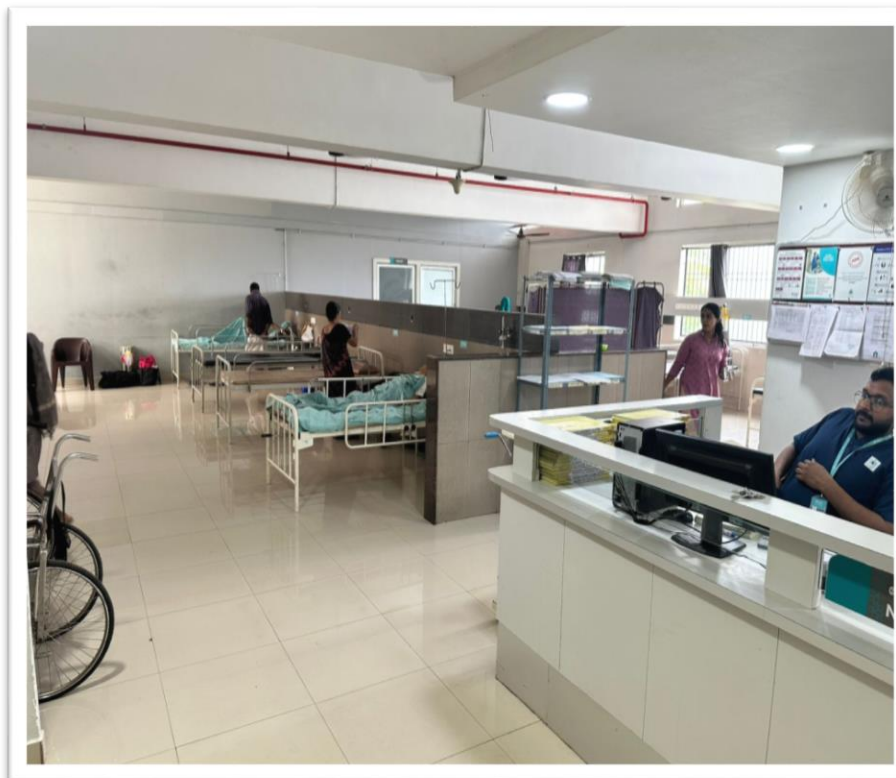
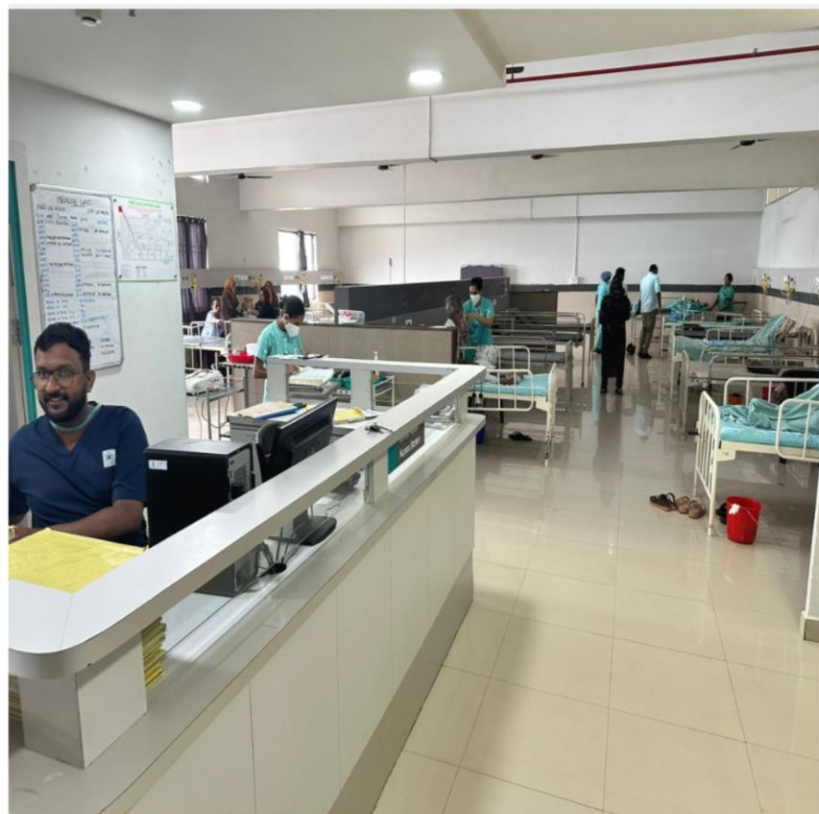
INFRASTRUCTURE



6 BEDDED RICU

ISOLATION ICU



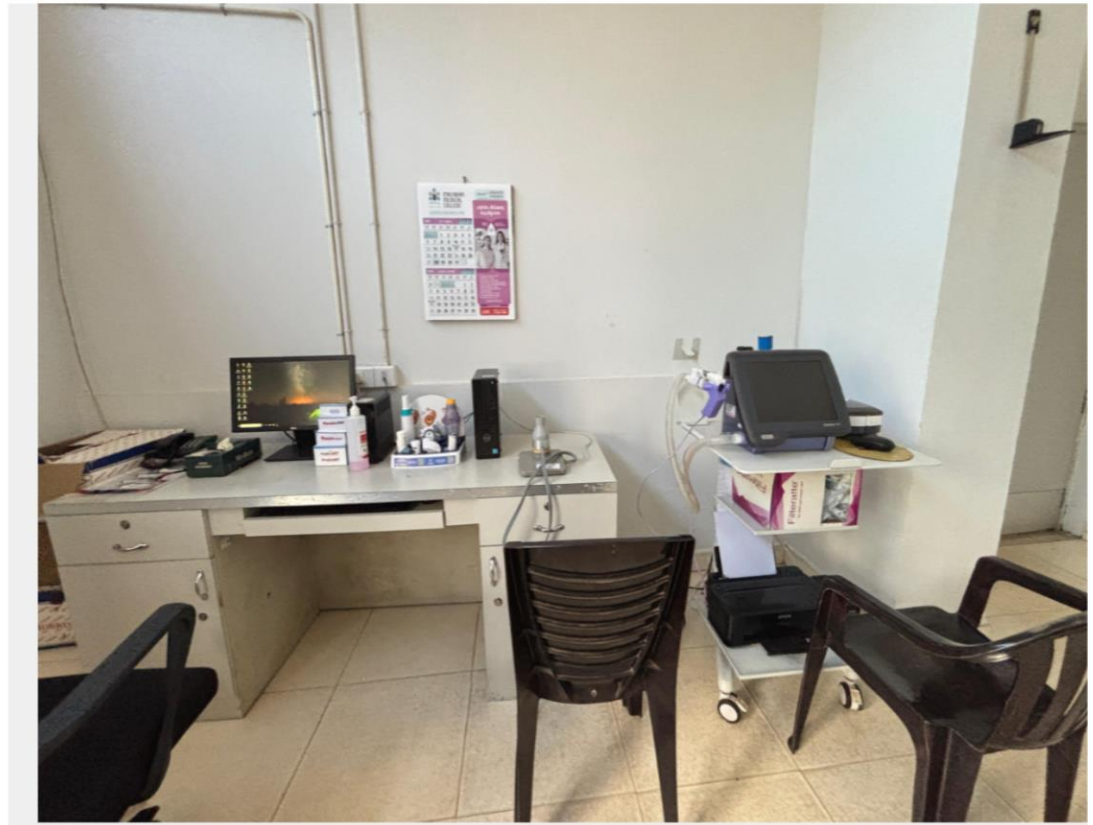


30 Bedded ward with central oxygen ports

8 bedded isolation ward

PULMONARY FUNCTION TEST LABORATORY

- *Spirometry*
- *DLCO Machine*

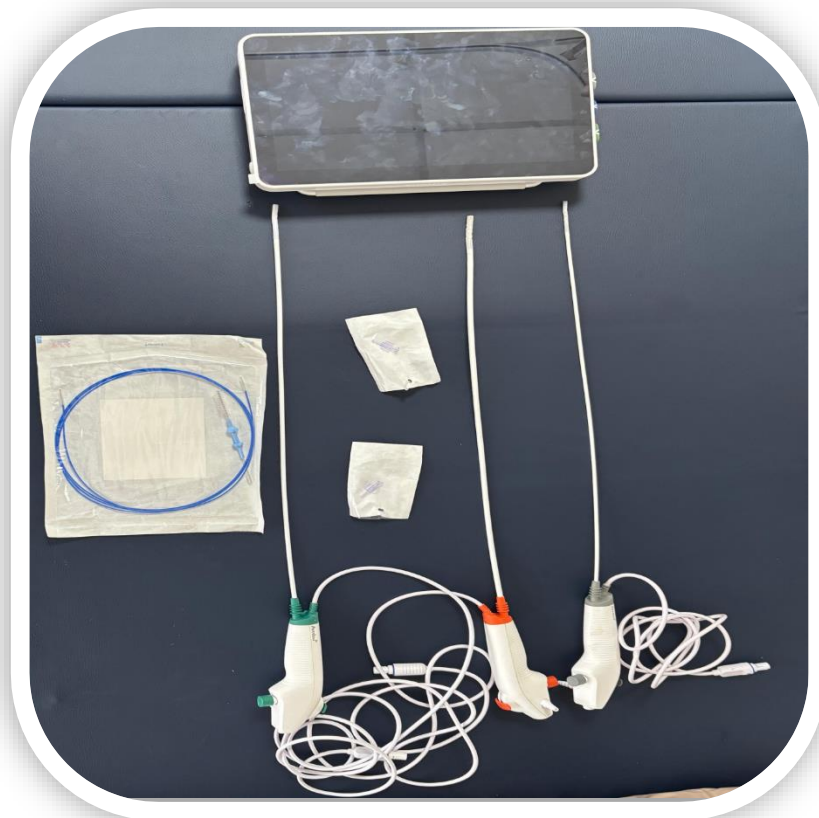


BRONCHOSCOPY UNIT

- *Videoassisted Flexible bronchoscopy machine*
- *2 portable bronchoscopy for ICU*
- *Biopsy*
- *BAL*



PORTABLE BRONCHOSCOPY



MEDICAL THORACOSCOPE

Mini thoracoscope - rigid

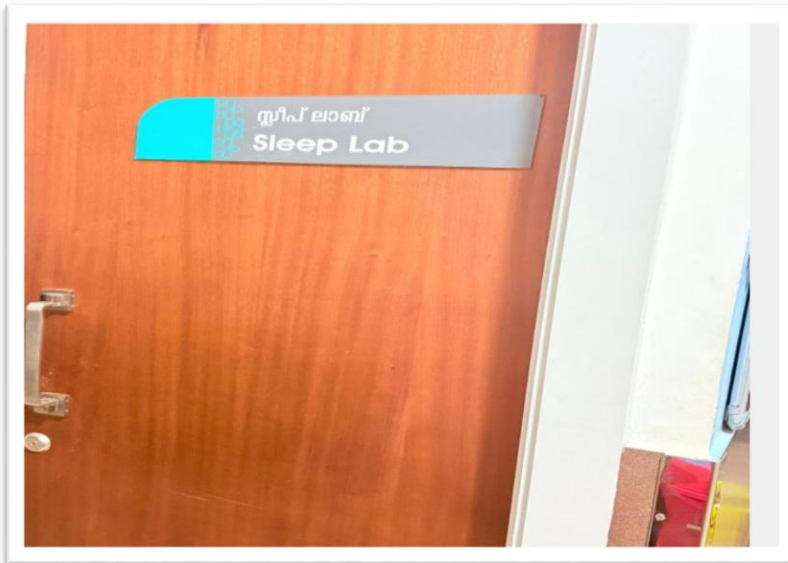


PULMONARY REHABILITATION UNIT



SLEEP LAB

- *OVERNIGHT POLYSOMNOGRAPHY*



SERVICES



- *Bronchoscopy biopsy, BAL*
- *Thoracoscopic pleural biopsies*
- *Spirometry, DLCO*
- *Polysomnography*
- *NTEP – DMC AND STEPS Unit*
- *Pleurodesis for recurrent pneumothorax and malignant pleural effusions*
- *CT Guided trucut biopsies*
- *Bronchial artery embolisation supported by our efficient radiology team*



- ## Programmes in health centers



ACADEMIC SESSIONS

- *UG Clinical and theory classes as per KUHS norms*
- *NMC sanctioned 2 post graduate seats per year for last 3 years*
- *We have now 6 post graduates in our department*
- *Seminar club ,Journal club, radiology clubs*
- *Bedside clinics - daily department rounds*
- *Combined radiology clubs*
- *Combined pathology clubs*
- *Bsc respiratory technology students – from 2024*



PULMO PG UPDATE



Attended by nearly 60 postgraduates all over south India

4th year - 30,31st May, 2026

WORLD TB DAY





WORLD COPD DAY 2025

WORLD COPD DAY 2024



WORLD ASTHMA DAY



FACULTY PUBLICATIONS– *FROM 2019*



- 1. Bode Index in COPD Patients during Acute exacerbations and its influence on Treatment outcome** – An observational Study Published in Vol-07 Issue-04, April 2019 JMSCR
- 2. Effect of Electrocardiographic findings on mortality of Acute Exacerbation Of COPD-** An observational Study. Journal of Evolution Medical and Dental Science. 1789-1793 Jan 3 , 2019.
- 3. Profile of COVID-19 Patients with Persistent Respiratory Symptoms** PV Harsha¹Durga Balagopalan² MM Aneesh³Ponneduthamkuzhy Thomas James⁴Ajit Bhaskar⁵S Krishnaveni⁶
Received on: 03 June 2022; Accepted on: 12 November 2022; Published on: 14 March **2023**.
- 4. An Observational Study on the Utility of Lab Parameters in Evaluating the Severity of Patients in South India with Covid-19.** J Pharm Bioallied Sci. **2023** Jul;15(Suppl 1):S414-S418. doi: 10.4103/jpbs.jpbs_549_22. Epub 2023 Jul 5. PMID: 37654375; PMCID: PMC10466675. Binub K, Harsha PV, Salim RS, Sunny S, Dabas P, Chalil S, Henry S.



FACULTY PUBLICATIONS



5. **Factors influencing the hospital length of stay in Covid-19 patients in Calicut, Kerala - A cross-sectional study** GJMEDPH2023; Vol. 12, issue 1 Pratibha Dabas¹, Harsha P.V.², Sneha Henry³, Manisha Wadhwa⁴, Kannian Binub⁵ **2023**
6. **Relationship between COVID-19 Vaccination Status and Comorbidities of COVID-19 Patients Admitted at a Tertiary Medical College in Calicut District, Kerala** Dabas, Pratibha; Harsha, P. V.¹; Henry, Sneha²; Binub, Kannian **2023**
7. **Mortality, morbidity and its associations in the second peak of second wave of covid-19: A tertiary care hospital study from Kerala, a southern state in India.** Dr. Harsha P V¹ Dr. Sneha Henry² Dr. Pratibha Dabas³ Dr. Kannian Binub⁴ **2024**
8. **Clinical profile and incidence of toxic optic neuropathy (TON) in patients receiving anti tuberculous therapy: A prospective study** Dr. Durga Balagopalan, Dr. Lakshmi Cherungottil, Dr. Nishitha P, Dr. Harsha PV, Dr. Raju KV, Dr. PT James and Dr. Remya Ramachandran DOI: <https://doi.org/January> **2024** International Journal of Pharmaceutical and Clinical Research 6(1):61-65 DOI:10.33545/26647591.2024.v6.i1a.81 EMBASE.



RECENT STUDIES COMPLETED



1. A comparative study of COPD among smokers and Non smokers
– Dr.Durga Balagopalan Dr. P.T .James
2. A Comparative study of CBNAAT, AFB smear, Cytology/
Histology with AFB culture/ INH LPA in suspected
Extrapulmonary TB cases Dr.Harsha



PG THESIS COMPLETED



1. A Study to assess the effectiveness of ARISCAT risk score and spirometry in predicting post-operative pulmonary complications in thoracic and abdominal surgeries- Dr.Nikhilnath
2. HACOR Score in predicting niv failure in patients with acute exacerbation of copd with type 2 respiratory failure-Dr.Nabhan Nasir Parol
3. Bronchiectasis severity index (bsi) as a predictor of mortality and exacerbation in patients with bronchiectasis in a tertiary care center in north kerala: longitudinal study-Dr.Anjali
4. Assessment of the relationship between clinical characteristics and airflow limitation value in chronic obstructive pulmonary disease (copd) patients in a tertiary care centre in northern kerala-Dr.Hemalatha



ONGOING THESIS WORK



1. Bacteriological profile and antibiotic susceptibility patterns in pneumonia patients in a tertiary care hospital in northern kerala-Dr.Sai Nivedh
2. Tele-Rehabilitation Program versus Standard Rehabilitation in Patients with Chronic Obstructive Pulmonary Disease attending a tertiary care centre in North Kerala: A comparative study-Dr.Unnikrishnan



ONGOING THESIS WORK



3 . Correlation between Blood eosinophil count, Fractional exhaled Nitric oxide and Asthma Control Test (ACT) in Assessing Asthma Control Among Adults in a Tertiary Care Center in North Kerala

Dr. S H Jinu Adrina

4. Prevalence of pulmonary hypertension(ph) in copd patients , and its association with severity of obstruction and quality of life at a tertiary care center in north kerala Dr Jose Jolly



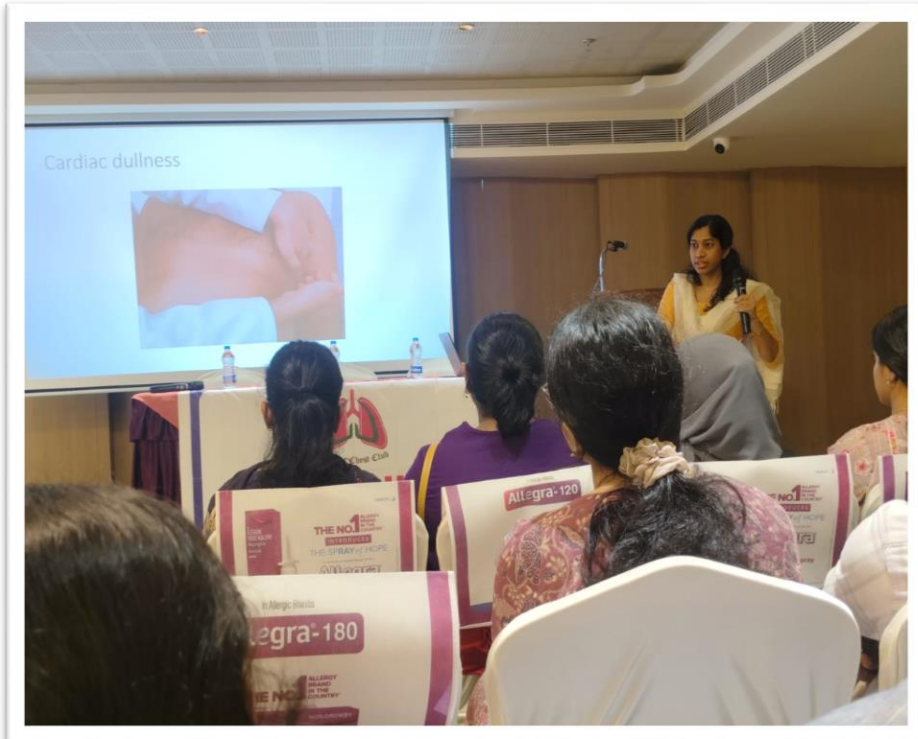
FACULTY PRESENTATIONS



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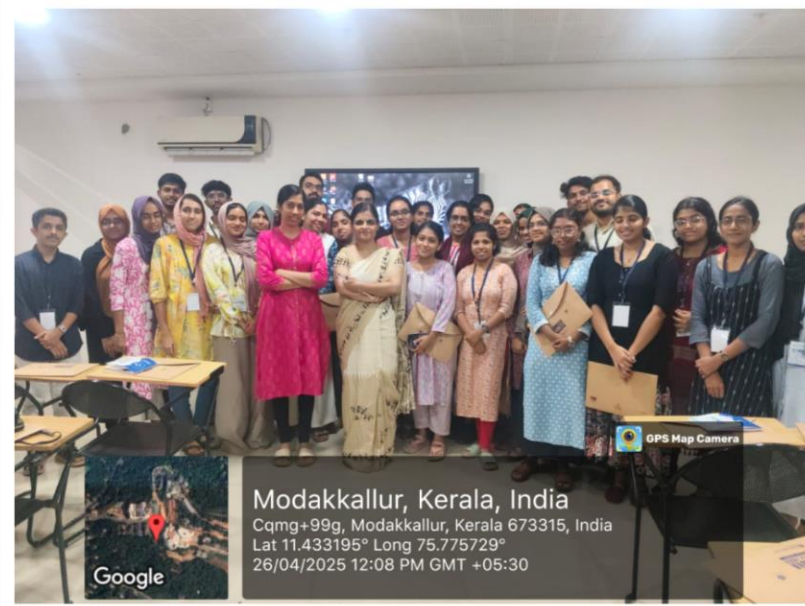
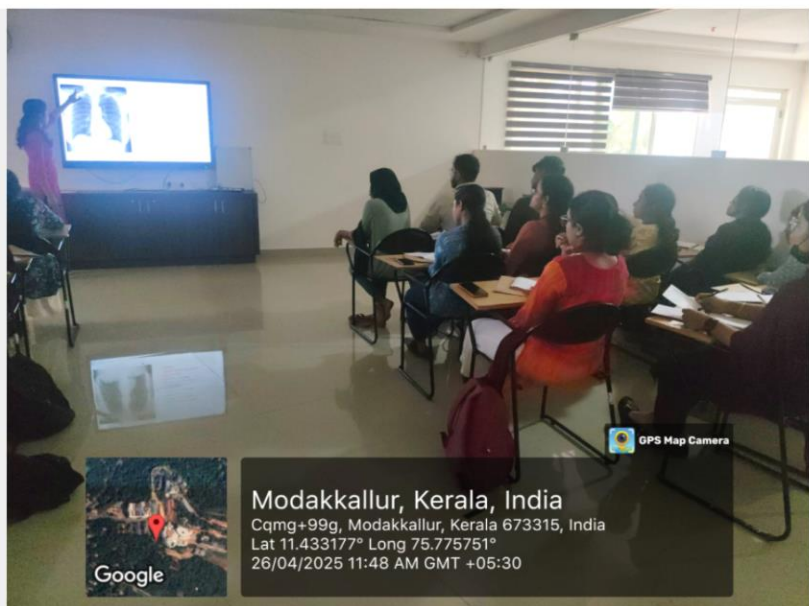
FACULTY PRESENTATIONS



Discover a new life



MEDNOVA FEST 2025 - FACULTY



PG PRESENTATIONS



1. **PULMOCON 2023** - Poster: From cure to causality – A rare presentation of methaemoglobinemia Dr. Nikhilnath
2. **NATCON 2024** - Poster: The gray zone in pleural disease – Atypical mesothelial proliferation Dr. Nikhilnath
3. **APTCON 2025** - Poster: Unveiling the uncommon – The journey that went the extra mile (Isolated pleural metastasis from oropharyngeal squamous cell carcinoma) Dr. Nikhilnath
4. **MIDPULMOICON 2025** - Paper: Seeing the unseen – A case series on ethambutol-induced optic neuropathy Dr. Nikhilnath
5. **NAPCON 2023** – Poster: Tuberculoma – cerebellar (The white plaque of white matter) Dr. Nabhan Nasir Parol

PG PRESENTATIONS



6. **MIDPULMOCON 2025** - Poster: The enigmatic tumor with inflammatory roots **(2nd Prize)** Dr. Nabhan Nasir Parol

7. **NAPCON 2024** - Poster: Tuberculosis Taxillos Dr. Anjali Nambiar

8. **BRONCHOCON 2024** - Paper: Critical analysis of patients who underwent FOB in tertiary care setting – a retrospective study Dr. Anjali Nambiar

9. **APTCON 2025** - **Oral case (3rd Prize)**: Unmasking the true culprit: Lymphoma masquerading as TB Dr. Anjali Nambiar

10. **NATCON 2025** A comparative Study of CBNAAT, AFB smear, cytology/histology with AFB culture/INH LPA in suspected extrapulmonary TB cases

11. **NAPCON 2024** - Poster: A rare case of chylothorax Dr. Hema



PG PRESENTATIONS

12. PULMOCON 2025 POSTER ABSENT RIGHT INTERMEDIATE BRONCHUS DR HEMALATHA

13.APTCON 2026 – POSTER EOSINOPHILIC PNEUMONIA IN RA DR HEMALATHA





PRIZES – PG PRESENTATIONS



BEST WARD – PULMONOLOGY WARD





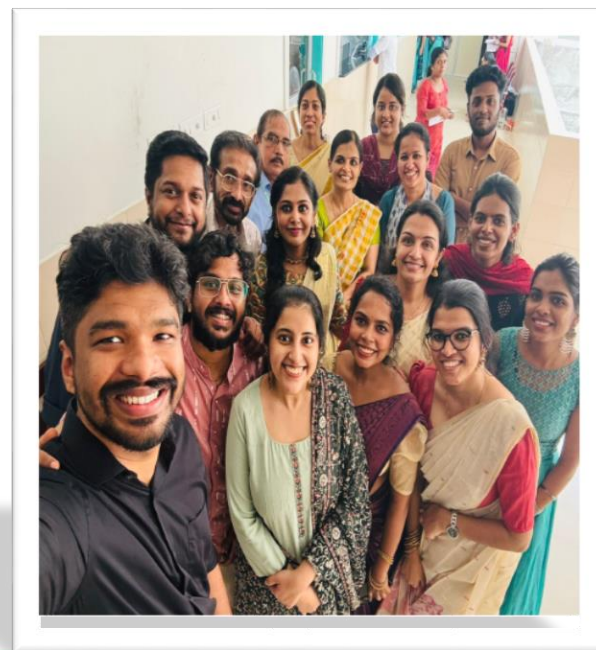
EXTRACURRICULAR ACTIVITIES





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THANK YOU



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