

Department	Name of the faculty, Qualification IMR Number	Current Designation & Date of Promotion	Nature of employment Regular/Permanent or contract/ Outsourced	Details of service in the Last 5 years	Number of lectures taken/year Topics covered
MI CR OB IO LO GY	Dr. BeenaPhilomina J, 15282	Professor	Regular, Permanent	Attached as Annexure 2	Attached as Annexure 3
	Dr. ResmiRajan, 14832	Professor	Regular, Permanent		
	Dr. Sureshbaboo VK, 19330	Associate Professor	Regular, Permanent		
	Dr. Kalpana George, 24651	Associate Professor	Regular, Permanent		
	Dr. Shabina M B, 22202	Assistant Professor	Regular, Permanent		
	Dr. Maya Sudhakaran, 27344	Assistant Professor	Regular, Permanent		
	Dr. Aishwarya P Kumar, 35778	Assistant Professor	Regular, Permanent		
	Dr. Fairoz C P, 36177	Assistant Professor	Regular, Permanent		
	Dr. Sheena K, 32316	Assistant Professor	Regular, Permanent		
	Dr. PressySankar, 31301	Assistant Professor	Regular, Permanent		
	Dr. Shabana O, 33868	Assistant Professor	Regular, Permanent		
	Dr. Smina K I, 38448	Assistant Professor	Regular, Permanent		
	Dr. Vishnu K, 39492	Assistant Professor	Regular, Permanent		
	Dr. Jayeshlal K, 37706	Lecturer	Regular, Permanent		
	Dr. Unniraja C, 37382	Lecturer	Regular, Permanent		

ANNEXURE - 1

Sl No.	Faculty name	Publication in Vancouver referencing style	Pubmed Indexed – Yes/No	Scopes
1		Philomina J B, Jolly B, John N, Bhoyar RC, Majeed N, Senthivel V, Cp F, Rophina M, Vasudevan B, Imran M, Viswanathan P, Arvinden VR, Joseph A, Divakar MK, Nair PR, Shamnath A, Kumar PJ, Jain A, Geetha P, Bajaj A, Mathew S, Gupta V, Agrawal SJ, Scaria V, Sivasubbu S, Radhakrishnan C. Genomic survey of SARS-CoV-2 vaccine breakthrough infections in healthcare workers from Kerala, India. J Infect. 2021 Aug;83(2):237-279.	yes	
2		Augustin JB, Suresh Baboo V. K. Etiological profile and clinical outcomes of bacterial keratitis from a tertiary care centre in North Kerala. International Journal of Research and Review. 2021; 8(3): 287-296	-	
3		Manal K, Shabina MB, Suresh Baboo VK et.al. Quantitative RT PCR in the diagnosis of congenital cytomegalovirus infection with special reference to sensorineural hearing loss in a tertiary care centre in North Kerala. International Journal of Research and Review. 2021; 8(5): 316-323.	-	
4		Kaniyarakkal V, Variamkandi SB, George K et.al. Microbiological profile of significant multidrug resistant organisms isolated in a tertiary care centre, Kerala, India. International Journal of Research and Review. 2021; 8(5): 404-411..	-	
5		Augustin JB, Variamkandi S. Clinical and etiological profile of mycotic keratitis from a tertiary care centre in South India. J Evolution Med Dent Sci 2021;10(27): 2001-2006	-	
6		Radhakrishnan C, Divakar MK, Jain A, Viswanathan P, Bhoyar RC, Jolly B, Imran M, Sharma D, Rophina M, Ranjan G, Sehgal P, Jose BP, Raman RV, Kesavan TN, George K, Mathew S, Poovullathil JK, KeeriyattGovindan SK, Nair PR, Vadekkandiyil S, Gladson V, Mohan M, Parambath FC, Mangla M, Shamnath A;	yes	

		Indian CoV2 Genomics & Genetic Epidemiology (IndiCovGEN) Consortium, Sivasubbu S, Scaria V. Initial Insights Into the Genetic Epidemiology of SARS-CoV-2 Isolates From Kerala Suggest Local Spread From Limited Introductions. Front Genet. 2021 Mar 17;12:630542.		
7		George K , Rahim A, Moorkoth AP, PangatBalakrishnan SM. Peer-assisted learning versus faculty led learning in procedural skill acquisition utilizing skills laboratory. Med J DY PatilVidyapeeth 2021;14:434-41	-	
8		Mini P. N, Shabina M. B, Hesna, Fairoz C P, George K, BeenaPhilomina J. Implementation of infection control strategies in COVID-19 prevention in a tertiary health care facility in north Kerala. World J AdvHealthc Res 2021; 5: 77–81.	-	
9		Bhattacharya S, Iyer R, Raja K, Joy VM, Bijulal SR, George K, et al. A survey of practices to diagnose, manage, prevent and control COVID-19 from 28 centres. J AcadClinMicrobiol 2020 Jan; 22(1): 5-11	-	
10		Chandran P, George K. Perception of medical students towards the MCI recommended foundation course at a medical college in north Kerala. Indian J Forensic Community Med 2020;7(2):77-83.	-	
11		Jose BP, Kumar AP, Mohan A. Evaluation of extra pulmonary tuberculosis in a tertiary care centre in Kerala, South India, utilisingGeneXpert. International Journal of Research and Review. 2020; 7(10): 551-556.	-	
12		Bhattacharya S, Joy VM, Goel G, Nath SR, Santosh S, George K, et al. Antimicrobial stewardship programme – from policies to practices: A survey of antimicrobial stewardship programme practices from 25 centres in India. J AcadClinMicrobiol. 2019 Jan 1;21(1):4-9	-	
13		Orvankundil S, Jose BP, Yacoob FL, Sreenivasan S. Culture positivity of smear negative pulmonary and extrapulmonary tuberculosis- A study from North Kerala,	yes	

		India. J Family Med Prim Care. 2019 Sep 30;8(9):2903-2907.		
14		DrAnu P John, DrBeenaPhilomina J. Role of mycobacterial culture in the diagnosis of extrapulmonary tuberculosis. International journal of scientific research. Volume-8 Issue-11 November - 2019	-	
15		Anu P John, BeenaPhilomina J. Comparison of automated and conventional culture in the detection of extrapulmonary tuberculosis. MedPulse International Journal of Microbiology. November 2019;12(2): 26-31.	-	
16		Aishwarya Praveen Kumar, BeenaPhilomina Jose: Study on recent trends in antibiogram of enteric pathogens in a tertiary care centre in South India: Journal of medical Science and Clinical Research. Volume 06 Issue 05 pages 80-86; May 2018	-	
17		Mathew S, Pradhani MM, Philomina B. Role of molecular diagnostic test in diagnosing pulmonary and extrapulmonary tuberculosis. J. Evolution Med. Dent. Sci. 2018;7(23):2777-2781	-	
18		Shabina MB, BeenaPhilomina J ,PriyaChandran Utility of Real Time Quantitative PCR in the diagnosis of congenital and Perinatal Cytomegalovirus infection in symptomatic babies.. International Journal Of Scientific Research, vol-7 issue-6 June 2018, pages 49-51.	-	
19		Jophie V Paikkatt, Sheela Sreedharan, BeenaPhilomina.J, VP Kannan, MadhuSanthakumar, TV Anupam Kumar. Efficacy of Various Intracanal Medicaments in Human Primary Teeth with Necrotic Pulp against Candida Biofilms: An in vivo Study Int J ClinPediatr Dent. 2017 Jan-Mar;10(1):45-48.	yes	
20		Kavita Raja ¹ , Sanjay Bhattacharya ² , J Beena Philomina ³ , Savitha Nagaraj ⁴ , KL Devi Sarada ⁵ , KA Sathiavathy ⁶ , Seema Oommen ⁷ , AV Sangeetha ⁸ , J Sudarsana ⁹ , Reena John ¹⁰ , Renu Mathew ¹¹ special article , Comparison of antimicrobial	-	

		susceptibility testing practices in 20 clinical microbiology laboratories in India. J. Acad Clin Microbiol Year : 2017 Volume : 19 Issue : 1 Page : 5-11		
21		Fahmiya Leena Yacoob, Beena Philomina Jose, Sarada Devi Karunakaran Lelitha, Sreelatha Sreenivasan. Primary multidrug Resistant tuberculosis and utility of Line Probe assay for its detection in smear positive sputum samples in a tertiary care hospital in South India. Journal of Pathogens Vol 2016: Article ID: 6235618	yes	
22		George K, Abdulkader JK, Sugumar M, Rajagopal GK. Prevalence of MRSA Nasal Carriage in Patients Admitted to a Tertiary Care Hospital in Southern India. J Clin Diagn Res. 2016 Feb; Vol. 10(2): DC11-DC12.	yes	
23		P.P.-Mohammed Hisham, M.B. Shabina, S. Remadevi, Beena Philomina. Comparative analysis of detection methods of extended spectrum beta lactamases in Gram negative clinical isolates with special reference to their genotypic expression. Journal of International Medicine and Dentistry 2016; 3 (1): 34-41	-	
24		Shabina Methel, Pangat Balakrishnan, Anitha P. Moorkoth, Sarada Devi K.L., Beena Philomina, Lilabi M.P. Hepatitis B viral load in diagnosing different clinical stages of chronic Hepatitis B in a tertiary care hospital in North Kerala. Vol 18, Issue 1, Jan-June 2016, 17-21	-	

ANNEXURE 2

Details of service in last 5 years

NAME OF THE FACULTY	2016	2017	2018	2019	2020
Dr. BeenaPhilomina J	Professor	Professor	Professor	Professor	Professor
Dr. ResmiRajan	Professor	Professor	Professor	Professor	Professor
Dr. Sureshbaboo VK	Associate Professor	Associate Professor	Associate Professor	Associate Professor	Associate Professor
Dr. Kalpana George	Associate Professor	Associate Professor	Associate Professor	Associate Professor	Associate Professor
Dr. Shabina M B	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Maya Sudhakaran	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Aishwarya P Kumar	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Fairoz C P	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Sheena K	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. PressySankar	NA	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Shabana O	NA	NA	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Smina K I	NA	NA	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Vishnu K	NA	NA	NA	NA	Assistant Professor
Dr. Jayeshlal K	NA	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor
Dr. Unniraja C	NA	Assistant Professor	Assistant Professor	Assistant Professor	Assistant Professor

Annexure 3

Number of lectures taken/year (2020-2021)

Lecture : 93

Small Group Discussion: 33

SYMPOSIUM

Topics for parasitology discussion

- 1 Introduction
- 2 Amoeba & intestinal flagellates
- 3 Haemoflagellates
- 4 Malarial parasites
- 5 Sporozoites
- 6 Cestodes
- 7 Cestodes
- 8 Trematodes
- 9 Nematodes
- 10 Filarial worms
- 11 Laboratory diagnosis

General Symposium topics

- 1 Sterilisation & disinfection
- 2 Culture media, methods, Antibiotic sensitivity tests-KB, Stokes
- 3 UTI

- 4 Skin & soft tissue infections
- 5 Anaerobic infections
- 6 Nosocomial infections
- 7 STDs
- 8 Resp. infections, pneumonia
- 9 Tuberculosis & Leprosy
- 10 Infections of bones & joints
- 11 Infections of eye & ear
- 12 PUO & enteric fever
- 13 Food & water borne diseases
- 14 Pyogenic meningitis Aseptic meningitis & encephalitis
- 15 Blood borne infections-HIV, Hepatitis
- 16 Zoonotic & arthropod borne diseases
- 17 Superficial mycosis
- 18 Deep mycosis
- 19 Opportunistic fungal infections
- 20 Neonatal & Teratogenic infections
- 21 Collection & transport of specimens
- 22 Immunoprophylaxis

THEORY SCHEDULE

GENERAL BACTERIOLOGY

Introduction to Microbiology	1 hour
Morphology & Physiology of Bacteria	1 hour
Sterilization	1 hour
Disinfection	1 hours
Culture Media, Identification of Bacteria	1 hour
Bacterial Genetics	2 hours
Antibacterial Agents, }	
Antibiotic Sensitivity Tests }	2 hours

IMMUNOLOGY

Infection	1 hour
Immunity	1 hour
Antigen & Antibodies	1hour
Complement in health & disease	1 hour
Structure & function of immune system	2 hour
immune responses- Humoral, CMI, Tolerance, Relevant theories of immune response	2 hour
Hypersensitivity	1 hour
Autoimmunity	1 hour
MHC & Transplantation Immunity	1 hour
Tumour Immunity & Immunodeficiency diseases	1 hour
Serological tests in Medical practice	2 hours
Immunohaematology	1 hour

SYSTEMATIC BACTERIOLOGY

Staphylococci	1hr
Streptococci	1hr
Pneumococci	1hr
Neisseria	1hr
Corynebacterium	1hr
Bacillus	1hr
Clostridium	2hrs
Nonsporing anaerobes	1hr
Enterobacteriaceae	2hrs
Salmonella	2hrs
Shigella	1hr
Vibrio& campylobacter	2hrs
Pseudomonas	1hr
Yersinia &pasteurella	1hr
Haemophilus&bordetella	1hr
Brucella	1hr
Listeria, acinetobacter& legionella	1hr
M. Tuberculosis& atypical myco.	2 hrs
M.leprae	1 hr
Spirochaetes	2hrs

Leptospira	1 hr
Mycoplasma	1hr
Actinomyces&nocardia	1 hr
Rickettsiae	1hr
Chlamydia	1hr

VIROLOGY

General Characteristics of Viruses,	1 hour
Replication of virus, Bacteriophage	1 hour
Virus Host interaction	1 hour
Poxviruses Adenoviruses & Herpesviruses	2 hours
Picorna Viruses	1 hour
Myxoviruses	2 hours
Arboviruses	1 hour
Hepatitis viruses	2 hour
Miscellaneous Viruses & Slow Viruses	1 hour
Human Immunodeficiency Virus	1 hour
Rhabdoviruses	1 hour
Retroviruses & Oncogenic Viruses	1 hour

MYCOLOGY

Introduction, Classification & lab. diagnosis fungi	1 hour
Superficial fungal infections	1 hour
Sub cutaneous fungal infections	1 hour
Deep mycotic infections	1 hour
Opportunistic fungi	1 hour

PRACTICALS

Smear preparation & simple staining

Wet film examination

Gram's staining

Hanging drop demo

Afb staining

Fungal teasing

Negative staining

Motion examination

Applied microbiology exercises

TOPICS FOR DEMONSTRATION

1. Sterilization
2. Culture methods.
3. Collection & transport of specimen
4. Wound infections
5. UTI
6. Diarrhoeal disease & Food poisoning.
7. P U O, Blood Culture & Rheumatic fever
8. Meningitis
9. Urethritis & Peripheral smear examination

10. Nosocomial infections

11. Immunoprophylaxis

12. Standard precautions& Biomedical waste management