

TERNA MEDICAL COLLEGE AND HOSPITAL, NERUL NAVI MUMBAI
Department of Microbiology

Sr.No	Name of the faculty Qualification IMR Number	Current Designation & Date of promotion	Nature of employment Regular/ permanent or contract/outsource	Details of Service in the Last 5 years				Number of lectures taken/year. Topics covered
				Designation	Institution	From	To	
01	Dr.Shalini Gore MBBS 2005 MD 2011 - 2006/02/0938/ 2016	Asso.Prof 01.12.2019	Regular	Asst. Prof	Terna Medical College	13.06.2012	30.11.2019	18
				Asso. Prof	Terna Medical College	01.12.2019	Till date	
02	Dr.Anila Prabil MBBS 1997 MD 2009 -2012/08/2524	Asso.Prof 01.09.2021	Regular	Asst. Prof	Terna Medical College	09.05.2011	31.08.2021	20
				Asso. Prof	Terna Medical College	01.09.2021	Till date	
03	Dr.Hema Shiral MSC 1994 PhD 2019	Asso.Prof 01.09.2021	Regular	Asst. Prof	Terna Medical College	22.03.2010	31.08.2021	53
				Asso. Prof	Terna Medical College	01.09.2021	Till date	
04	Dr.Maya Kale MBBS 2005 MD 2012 -2007020201	Asst.Prof 13.07.2012	Regular	Asst. Prof	MGM Medical College	13.07.2012	20.07.2017	57
				Asst. Prof	Terna Medical College	21.12.2020	Till date	
05	Dr.Abida Khan MBBS -2014062621	Senior Resident 08.11.2021	Regular	Senior Resident	Terna Medical College	08.11.2021	Till date	0





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ANNEXURE-I


Name of the faculty	Designation	Topics Lecture	Total
Dr. Shalini Gore	Asso. Prof	<ul style="list-style-type: none"> • Theory • Introduction to Microbiology & historical aspect • General Bacteriology • Lab Diagnosis of bacterial infection • Disinfection • Antigen - Antibody Reaction • RHD, Definition, Etiological agent, Pathogenesis, C/F and lab. Diagnosis, Streptococci • Shigella, Camylobacter • Infective Syndromes of Skin • Superficial, cutaneous and sub-cutaneous fungal infections, Mycetoma, Leprosy, Herpes • URTI Orthomyxo virus Paramyxo virus • UTI: etiological agents, pathogenesis, 	11
		<ul style="list-style-type: none"> • Practical • Gram Stain & + All Media • ZN + Serology • Blood culture, widal test stool + Gram • Test for Lab Diagnosis of viral hepatitis + ZN Stain 	04
		<ul style="list-style-type: none"> • Seminar • CSSD • Sterilization & Disinfection 	02
		<ul style="list-style-type: none"> • SDL • Host parasite relationship, normal flora 	01
Dr. Anila Prabil	Asso. Prof	<ul style="list-style-type: none"> • Theory • General Virology and Overview of Viral Infections • General Parasitology and Overview of Parasitic Infections • Immunity • Immune Response and Complement • Auto Immune Disorder, • Filariasis, Trypanosoms • Food poisoning, etiological agents, 	18




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	<ul style="list-style-type: none"> • Food poisoning, etiological agents, • Epstein Barr Virus, Cytomegalo virus • Viral Exanthems and other Cutaneous Viral Infections • Fungal Infections of skin, Soft Tissue and musculoskeletal System Superficial Fungal Infections, Subcutaneous Fungal Infections, • Chronic Bacterial Meningitis • Viral Meningitis and Myelitis 	
	<ul style="list-style-type: none"> • Viral Encephalitis and Encephalopathy • Diptheria ,bordetella • LRTI - Tuberculosis • Viral (BK Virus), Parasitic (Schiststocoma haematobium) and fungal Infections • Infective Syndromes of Genital Tract. 	
	<ul style="list-style-type: none"> • Seminar • HIV 	01
	<ul style="list-style-type: none"> • SDL • Antibody 	01




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<p>Dr.Hema Shiral</p>	<p>Asso. Prof</p>	<ul style="list-style-type: none"> • Theory • Types of infection, source/reservoir of infection, modes of transmission, • Methods of Antibiotic Sensitivity Testing • Antigen • RHD, Definition, Etiological agent, Diagnosis, Streptococci. • Malaria • Kala Azar • HIV – Epidemiology, Etiopathogenesis HIV Management • E. histolytica, Giardia, B. coli, H. nana, Taenia. • Septicaemia, Enteric fever and food poisoning Salmonella – Morphology, pathogenesis, clinical features, laboratory diagnosis • Viral Hepatitis A, B, C, D and E • Gas gangrene (Clostridium perfringens) and Infections due to Nonsporing Anaerobes • Infective Syndromes of Central Nervous System Bacterial Meningitis • Parasitic and Fungal Infections of Central • Chlamydia, Legionella, Mycoplasma • Histoplasma, Asperigillus • Zoonotic diseases I –.Brucella Anthrax • Zoonotic diseases II : Leptospira Yersenia • Opportunistic Infections II: Strongyloides, • Oncogenic viruses • Bundle case Approach to Prevention of device associated infections on SSI • Bundle case Approach to Prevention of device associated infections on SSI 	<p>22</p>
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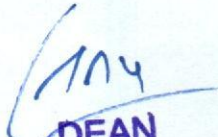
- **Practical**
 - Microscopy
 - Morphology
 - Gram Staining
 - Z.N. Staining
 - Stool Examinations
 - Sterilization
 - Disinfection
 - Interpretation of AST, Antibiotic policy
 - Identify Microbial agents causing RHD and Infective Endocarditis
 - Peripheral smear, staining for malaria, Identification Filarial Parasitic Infections.
 - Identify common etiological agents for diarrhoea, dysentery, Stool Examination.
 - Identify common etiological agents for diarrhoea, dysentery, Stool Examination.
 - Tests for lab. Diagnosis of viral hepatitis, viral markers, Interpretation of reports.
 - Tests for lab. Diagnosis of viral hepatitis, viral markers, Interpretation of reports.
 - Gram staining - Throat Swab
 - Gram staining - sputum
 - Z.N. staining - sputum
 - STD
 - UTI
 - Infection Control Practices and use of personal Protective Equipments.
 - DOAP -appropriate method of Collection and Transporting specimen
 - Demonstrate Respect for patients sample sent to the lab for performance of lab tests
 - Choose Appropriate Lab. Test in the diagnosis of the infectious diseases
 - DOPA confidentiality pertaining to patient's Identification
 - Choose and Interpretation of Results and lab. Test
 - Morphology of Bacterial + Malaria used of the diagnosis of infectious diseases
 - Blood culture, widal test stool + Gram



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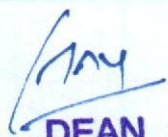
		<ul style="list-style-type: none"> • Seminar <ul style="list-style-type: none"> • Universal safety Precaution • Environmental Surveillance 	02
		<ul style="list-style-type: none"> • SDL <ul style="list-style-type: none"> • Vaccines, Universal Vaccination Programme, Immunoprophylaxis, Immunotherapy 	01
Dr. Maya Kale	Asst. Prof	<ul style="list-style-type: none"> • Theory <ul style="list-style-type: none"> • Sterilization • Mechanism of Drug Resistance Bacterial Genetics • Infective Endocarditis, Strepto viridians, Streptococcus mutans, HACEK • Hookworm, Trichuris trichura, Life cycle and lab diagnosis • Microbial agents causing diarrhoea, dysentery • Intestinal nematodes, Norovirus and Rotovirus • Leprosy (<i>Mycobacterium leprae</i>) • Miscellaneous Bacterial Infections of skin and soft Tissue • Parvovirus, Measles, Rubella, Coxsackieviruses • Parasitic Infections of Skin, Soft Tissue and Musculoskeletal System • Viral Encephalitis and Encephalopathy • Fungal Infections: Cryptococcal Meningitis • Infective Syndromes of Urinary Tract and Sexually-transmitted Infections • Viral (BK Virus), Parasitic (Schistocoma haematobium) and fungal Infections • Zoonotic diseases III : Arbovirus • Opportunistic Infections I: Toxoplasmosis • Emerging Infectious diseases I Rickettsia • Oncogenic viruses • Emerging Infectious diseases III Kaysanur forest disease Chandipur virus • Health care associated infections Pseudomonas, MOTT, Antibiotic associated diarrhea. • Basics of Infection control. Hand Hygeine, Respiratory cough etiquette ,vaccination • Bundle case Approach to Prevention of device associated infections on SSI • National Health Programs in the prevention of common infections disease 	26




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		<ul style="list-style-type: none"> • Practical <ul style="list-style-type: none"> • Microscopy • Morphology • Gram Staining • Z.N. Staining • Stool Examinations • Sterilization • Disinfection • Interpretation of AST, Antibiotic policy • Identify Microbial agents causing RHD and Infective Endocarditis 	
		<ul style="list-style-type: none"> • Peripheral smear, staining for malaria, Identification Filarial Parasitic Infections. • Identify common etiological agents for diarrhoea, dysentery, Stool Examination. • Identify common etiological agents for diarrhoea, dysentery, Stool Examination. • Tests for lab. Diagnosis of viral hepatitis, viral markers, Interpretation of reports. • Tests for lab. Diagnosis of viral hepatitis, viral markers, Interpretation of reports. • Gram staining - Throat Swab • Gram staining - sputum • Z.N. staining - sputum • STD, UTI • Infection Control Practices and use of personal Protective Equipments. • DOAP - appropriate method of Collection and Transporting specimen • Demonstrate Respect for patients sample sent to the lab for performance of lab tests • Choose Appropriate Lab. Test in the diagnosis of the infectious diseases • DOPA confidentiality pertaining to patient's Identification • Choose and Interpretation of Results and lab. Test used of the diagnosis of infectious diseases • Blood culture, widal test stool + Gram • Stool Examination + Stain • Test for Lab Diagnosis of viral hepatitis + ZN Stain 	28




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		<ul style="list-style-type: none"> • Seminar <ul style="list-style-type: none"> • Automation in Microbiology • Hospital Acquired Infections (VAP,CAUTI,CLABSI) 	02
		<ul style="list-style-type: none"> • SDL <ul style="list-style-type: none"> • Microbiology of food, water and Air 	01
Dr. Abida Khan	Senior Resident	-	0



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ANNEXURE-II

Sr. No	Faculty Name	Publication in Vancouver referencing style.	Pubmed Indexed Yes/No	Scopes Indexed Yes/No
1	Dr. Shalini Gore	<ol style="list-style-type: none"> 1. Incidence of Metallo Beta Lactamase Producing Gram Negative Non Fermenters in a Tertiary Care Hospital of Navi Mumbai., Biosciences biotechnology research Asia, Vol 9(2) , Dec 2012. 2. Characterization and Antibiotic susceptibility pattern of gram negative non fermenters in various clinical samples in tertiary care hospitals of Navi Mumbai. International Journal of current Micro. & applied sciences Vol.4 Number 11, 2015 	- -	- -
2	Dr. Anila Prabil	<ol style="list-style-type: none"> 1. Dr. Anila Prabil, Dr. Pratibha Dalal 2016 Oral Microbial Pattern in Children with Decayed Teeth. Int. J. Curr. Microbiol. App. Sci. 5(6);762-766, 2016 2. Oral Microbial Pattern in Children with Decayed Teeth Anila Prabil, Prathiba J Dalal. 	- -	- -
3	Dr. Hema Shiral	<ol style="list-style-type: none"> 1. Differential Expression of Antioxidant Enzymes in selective Hyman Pathogenic Organisms under the Influence of Indian Spices. 18/06/2019 2. Indian Spices Enhance the Activities of Antibiotics against Human Pathogens Synergistically. March 2020. 	Yes Yes	Yes Yes
4	Dr. Maya Kale	<ol style="list-style-type: none"> 1. Bacteriological profile of pyogenic meningitis cases in Tertiary care Hospital. 2. Vaccum assisted closure VAC in patient with post operative infections after instrumented spine surgery. A series of 12 cases. 	Yes Yes	- -





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ANNEXURE-III

Sr. No	Faculty Name	Medical Educator Training/ research methodology and dates
1.	Dr Anila Prabil	<ol style="list-style-type: none"> 1. Publication Strategy in Clinical Practice -22nd March 2019 Terna Medical College and Hospitals 2. Curriculum implementation and support program workshop 26th -28th June 2019 3. Advanced GCP training and Recent updates on Regulatory Requirements-28th Feb 2019 4. advanced Course in Medical Education -2019 A -29th Oct 2021 5. Institute of Medical Education Technology and Teachers Training-Basic Research Methodology Workshop 19th Jan 2021-21st Jan 2021
4.	Dr.Hema Shiral	<ol style="list-style-type: none"> 1. MET workshop 17/08/2011 & 18/08/2011 at Terna Medical College 2. MCI Basic Course Workshop in Medical Education Technology from 13th to 15th March at Terna Medical College 3. Basic Course Workshops in Medical Education Technologies from 13th To 15th March 2013 4. Workshop on Molecular Diagnostic Techniques 17th June 2019 to 21st June 2019 5. Innovation and Intellectual property Rights (IPR) 11th October 2019 6. Stem cells in health management 22nd January 2020
3.	Dr.Maya Kale	<ol style="list-style-type: none"> 1. Infection control course ,Dec 2013 2. EPGDHA course TISS ,Oct 2015 3. .NABH Training, February 2013& 2017 4. Workshop on ICH GCP,E6 09.12.2017 5. Workshop on HIV/AIDS counseling 20.06 2018 6. Good Laboratory Practices Training 12.03.19




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