

Maharashtra University of Health Sciences, Nashik

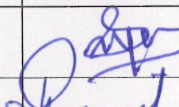
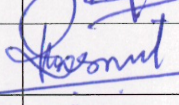
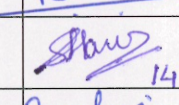
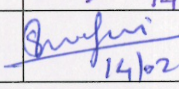
Local Inquiry Committee Report

For Academic Year 2024 - 2025

(For Grant of Continuation / Extension of Affiliation
for affiliated D.M.L.T. Colleges / Institutes & Hospitals)

Part- I

Year of Establishment	:	0	2	0	1	1	9	2	5		
Date of Inspection	:	1	4	0	2	2	0	2	5		

Name & Designation of Inspectors:			Signature
1)	DR. Shripa Y. Guronv	Chairman	 14/2/2025
2)	Dr. Manoj R. Kashid, Professor	Member	 14/2/2025
3)	Dr. Sandhya V. Haribhakta, Associate Professor	Member	 14/02/2025
4)	Dr. Sachin P. Gondani	Member	 14/02/2025

1	Name of the College/ Institution	:	SETH G.S. MEDICAL COLLEGE & K.E.M. HOSPITAL
	Name of Society/Trust	:	
	Address	:	ACHARYA DONDE MARG, PAREL, MUMBAI
	Email Address	:	deangsmc@kem.edu/ u.g.section@kem.edu
	Telephone No.(s)	:	022 - 24107000 / 24107020
	Fax No(s).	:	-----
	Website	:	-----
	Status	:	Corporation
	Year of Recognition by Medical Council of India	:	
	Letter No. _____	Dated _____	

2	Details of the Dean/Principal	:									
a)	Name of the Dean/Principal	:	Dr. SANGEETA H. RAVAT								
b)	Nature of Appointment	:	<table border="1"><thead><tr><th>Status ("✓"Mark)</th><th>Permanent</th><th>Temporary</th><th>Officiating</th></tr></thead><tbody><tr><td>Approved/ Not Approved</td><td>yes</td><td></td><td></td></tr></tbody></table>	Status ("✓"Mark)	Permanent	Temporary	Officiating	Approved/ Not Approved	yes		
Status ("✓"Mark)	Permanent	Temporary	Officiating								
Approved/ Not Approved	yes										
c)	Residential Address	:	96, DIXIT ROAD PARVATI PRERNA, VILE-PARLE (EAST) MUMBAI. Pincode:400057								
d)	Mobile No.	:	9820310850								
e)	Office Landline	:	022-24107020								
f)	Residence Landline	:	9820310850								
g)	E-mail	:	ravatsh@yahoo.com								

A. GENERAL	
1	Name of the Chairman/Secretary : Dr. SANGEETA H. RAVAT
2	Name of the Management : SETH G.S. MEDICAL COLLEGE & K.E.M. HOSPITAL
3	Registration No. of the Trust, Date & year of Starting of PG-DMLT Course. :
4	Registered Address (Please attach copy of certificate) : Sion Hospital
5	Annual Budget of the trust/society (Please attach copies of previous 3 years) :
6	Statement of Audited accounts (Please attach copies of previous 3 years) :
7	Date of application for Permission/Affiliation to the University. : 26.09.2024
8	Fee Details :
	A) Status of payment of previous Affiliation Fee :
	Continuation/Extension for the A.Y.2024-25 : Rs. Paid
	Outstanding Fee (If any) : Rs.NA_____
	Reasons of Non-payment of Fee (If any) : NA_____
	B) Status of payment of latest Affiliation Fee :
	Continuation/Extension for the A.Y.2025-26 : Rs.1,00,000/- (Paid)
	Outstanding Fee (If any) : NA_____
	Reasons of Non-payment of Fee (If any) : NA_____
9	Whether college is approved by AICTE if yes Approval letter No. and Date : Sion Hospital
10	Whether the PG-DMLT Degree is Recognized by AICTE (Please attach copy) : Sion Hospital
11	State Government permission letter No. & date (Please attach copy) : Sion Hospital
12	Previous University Recognition letter No. (Please attach copy) : MUHS/PG-DMLT/E-1/101102/27/607/2024
B. TEACHING FACILITIES:	
GENERAL/INSTITUTIONAL FACILITIES	
13	a. Hospital : Own
	b. Name of the Hospital (If rented) : NA
	c. Number of Beds (Required Min 150) : 2250
	d. No of Outdoor patients/day : 1894
	e. No of Indoor patients/day : 177
	f. No. of Investigation/day in Bio-Chemistry Lab : OWN

C	ACADEMIC ACTIVITIES	
22	Verification of Teaching program/Lectures, Clinics procedures Conducted (Attach Subject/Department wise consolidated Information.)	
23	No. of Academic Seminars/Conferences/Workshops Conducted/attended by the Postgraduate Guide/Student. (Attach details Information separately) a) No. of Seminars 10 b) No. of Conferences 2 c) No. of Workshops 0 (Attach Participant's List, Faculty List)	
24	Verification of Six Monthly Progress Report and port-folio management of admitted Postgraduate students. (Attach consolidated Information/Report separately) List Attached	
25	Facilities provided to staff and students for research work/Projects (Attach Information separately)	
26	No. of Research projects (Attach Information Separately) i) Completed Nil ii) Ongoing Nil	
27	Paper published and presentation by the Teacher(s)/Student(s)..... (Attach department wise information separately)	
D	OTHER INFORMATION	
28	Position of Development of related departments with respect of staff, equipments	
29	Teaching Staff : Academic Online Teacher Database	
	1.	Name of Coordinator
		Teaching/Non-Teaching:- Dr. Pravin Iyer
		Mobile No:- 9757011362
		Email id:- pbi1977@gmail.com
	2.	Whether OTD is updated on Monthly basis. Yes
	3.	Whether print out of All Subject/Department wise Teacher list is taken From OTD as per University format, (It must be Duly signed by HOD/Dean/ Principal). Yes
30	Examination Halls with benches:	Available
a	Requirement CCTV Facility as per Exam Section	Available
b	Guest House Facilities	Capacity : 2 per. (No. of Rooms - 6)
c	Sports Facility	

	Details of facility <i>Lawn Tennis court, Badminton Court</i>	Provided/Not Provided <input checked="" type="checkbox"/>
	Gymkhana Facility	Available
31	Salary Aspects:	
	Whether Salary paid to Teaching & Non-Teaching Staff is as per the 6 th Pay Commission.	Yes
	If " NO " please specify reasons for non-implementation	
	Whether Salaries are paid regularly till previous month to the Staff (Verify Bank Statement)	Yes
	If " Yes "- Enclose Proof	
	If " NO " please specify reasons for non-Payment jointly signed by the Dean/Principal and Chairman/Owner of the Institution	
	Whether PF is regularly deducted from Salary of the Teaching & Non-Teaching Staff	Yes
	If " NO " please specify reasons for non-deduction	
32	Student Welfare Related	
	<ul style="list-style-type: none"> • Establishment VISHAKA(Sexual Harassment Redressed) Committee • Whether Anti Ragging Committee is formed: • Whether report of the said committee sent to the University: • No.OfMeetingsconductedandno.Ofcomplaintsreceived: • No.ofStudentsAdmittedforAcademicYear 2024-25. • No.ofStudentssubmittedtheirAnti-RaggingdeclarationonWebsite (www.antiragging.in&www.amanmovement.org) • No.of parentsoftheStudents SubmittedtheirAnti-Raggingdeclaration on Website (www.antiragging.in&www.amanmovement.org) 	Yes Yes Yes 10 students
33	Canteen:	
	WhetherCanteenFacilityismaintainedasperMUHSAcademic CircularNo.18/2019,dated 19/03/2019.	Yes
	If" NO "pleasespecifyreasonsforit	
34	AmbulanceFacility:	
	WhetherAmbulanceFacilityisavailablewithCollege	Yes
	TotalNo.ofAmbulancesavailable withCollege	
	Owned	02
	Hired	02
	Total	04
	If" NO "pleasespecifyreasonsforit	
35	StatusofOnlineBoarding:	
36	ServicesforPersonwithDisability:	
37	AvailabilityofFreeship/ScholarshipforcategoryStudents	Yes

19. FeesDetails:

Continuation/ExtensionofAffiliationFeesDetails:					
Sr. No.	Course(s)	Paid/Notpaid	Amount	Outstanding(ifany)	Reasonsof Non-payment
1	PG-DMLT	Paid	Rs.1,00,000/-	-----	-----
2					

20. AnyOtherFeesDetails: NA

Sr. No.	Type of Fee	Paid/Not paid	Amount	Outstanding(If any)	Reasons of Non-payment
1					
2					

E	Earlier Deficiencies
a	Deficiencies pointed out during previous inspection by LIC: ----- - ① Intake capacity shall be 10 ----- ② subject to availability of teachers & teaching facility -----
b	Whether these deficiencies have been rectified: Yes/No <input checked="" type="checkbox"/> Yes
c	If not, reason for the same: ----- ----- ----- Whether previous Local Inquiry Committee compliance fulfilled by the College? (Enclosed photocopy of Compliance Report letter) Yes / No
35	Comments, Deficiencies observed by the Local Inquiry Committee: (attach separate sheet if necessary) ----- ----- ----- ----- ----- ----- ----- -----
	Place : -----
	Date : -----
	Name&SignatureofInspectors:
1)	Dr. Shilpa Y. Gurav Chairman
2)	Dr. Sandhya V. Haulhakti Member
3)	Dr. mang R. Kashod Member
4)	Dr. Sachin P. Gwadani Member

List of Required Instruments/Equipments for Bio-chemistry Department

1.	Water baths	02
2.	Auto clave electric	01
3.	Balance Micro	01
4.	Single pan balance	01
5.	Analytical balance	01
6.	Uninometer	02
7.	Incubator electrical thermostat	01
8.	Magnetic stirrer	01
9.	Water distillation plant metallic	01
10.	All glass distillation apparatus	01
11.	pH meter	01
12.	Bottle dispensers	02
13.	Auto pipettes different volume range	10
14.	Electrophoresis apparatus with power pack	01

ShortReport

Date:.....

To,
TheRegistrarM.U.H.S.,Nashik

Sub: - Short Report of Local Inquiry Committee for Continuation of Affiliation for the Academic Year 2022-23.

Sir,

Withreferencetoabovementionedsubjectandletterwearevisiting

..... College on
dated.....andsendinga**ShortReport**regardingpresentTeaching Staff and
IPD in your prescribed format as follows at 11.00 a.m.

1. NumberofTeachingStaffpresent:.....
2. NumberofIPDpatientsonBed:.....

(PhotocopyofAttendanceofTeacherandIPDatthetime11:00a.m.)

1)
(Name & Sign of LIC Member)

2)
(Name & Sign of LIC Member)

3)
(Name & Sign of LIC Member)

4)
(Name & Sign of LIC Chairman)



महाराष्ट्र आरोग्य विज्ञान विद्यापीठ, नाशिक
MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK
दिंडोरी रोड, म्हास्रुळ, नाशिक - ४२२००४ Dindori Road, Mhasrul, Nashik - 422004
Tel:(0253) 2539191/6659234 Student Helpline:0253-2539111/6659111/100
Website: www.muhs.ac.in, E-mail: academicmedical@muhs.ac.in

डॉ. राजेंद्र शिवाजी बंगाल

एम.बी.बी.एस., एम.डी. (न्यायवैद्यकशास्त्र), डी.एन.बी., एल.एल.बी.

कुलसचिव

Dr. Rajendra Shivaji Bang

M.B.B.S, M.D. (Forensic Medicine), D.N.B, L.L.B.

Registrar

No. MUHS/PG-DMLT/E-1/101102/27/ 607 /2024

Date: 26/09/2024

To,
The Dean/Principal,
Seth G. S. Medical College &
King Edward VII Memorial Hospital,
Parel, Mumbai – 400 012.

Sub. :- Continuation of Affiliation "P.G.D.M.L.T." Course for Academic Year 2024-25

Ref. :- 1. University Direction 02/2016

2. Academic Council Resolution No. 99/2024, dated 23/04/2024.

Sir / Madam,

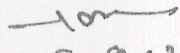
With reference to above cited subject, I am directed to communicate that as per Academic Council Resolution No. 99/2024, dated 23/04/2024 and as per your proposal of Continuation of Affiliation/Extension of Affiliation, the Academic Council has unanimously resolved to grant Continuation of Affiliation / Extension of Affiliation for Academic Year 2024-25 as per the provision u/s 68 and 65 (4) of MUHS Act 1998, for the P.G.D.M.L.T. (Post-graduate Diploma in Medical Laboratory Technology) course of your college subject to fulfillment of following conditions:

- The intake capacity shall be 10.
- Subject to availability of teacher(s) & teaching facility.

This is for your information.

Thanking you,

Yours,


25-9-24
(Dr. Rajendra Bangal)
Registrar

Copy to:

- The Secretary, Admission Regulatory Authority, Mumbai
- The Controller of Examinations, Examination Section, M.U.H.S., Nashik.
- The H.O.D. Eligibility Section, M.U.H.S., Nashik.
- The H.O.D. Computer Section, M.U.H.S., Nashik

	BRIHANMUMBAI MUNICIPAL CORPORATION (BMC) Website:-www.ltmgh.com E-Mail-hc.edu@ltmmc.edu.in Fax: 022-24031202 Phone: 022-24063042/43 LOKMANYA TILAK MUNICIPAL MEDICAL COLLEGE & LOKMANYA TILAK MUNICIPAL GENERAL HOSPITAL SION, MUMBAI - 400 022.	

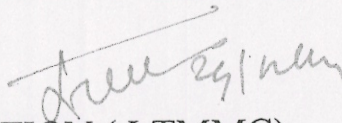
LTH/751/A/ED

DATE 24/12/2024

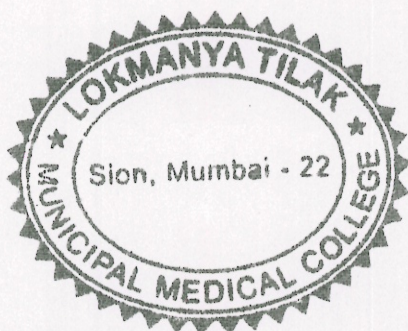
To,
 Head Clerk (PG Section)
 GSMC, KEM, Parel.

Please find herewith following candidates allotment list along with application forms in original for further necessary action of admission for PG - DMLT 2024 -25 (Cut off date is 31.12.2024)

Sr. No	Name	Category
1	SHAIKH MARIYA M. FIROZ	OPEN
2	BANSODE YUKTA VIJAY	OPEN SC.
3	PARAB PURVAJA MAHENDRA	OPEN
4	QURESHI AFSHA AKHLAQ	OPEN
5	NIL	-
6	NIL	-
7	NIL	-
8	NIL	-
9	NIL	-
10	NIL	-


 HC - PG SECTION (LTMMC)
 HEAD CLERK (UG/PG)
 LTMGH & LTMMC
 SION, MUMBAI-400 022.

Acc - 04 forms with original Passing & Marksheets of B.Sc.



Pathology

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK

SUBJECTWISE ELIGIBLE EXAMINERS LIST

Annexure I

Name of the Dept. : Pathology

Name of the College : Seth G.S.Medical College & K.E.M. Hospital . Parel, Mumbai 400012.

College Phone No. : 022 2410 7020/7021

College E-mail ID : deansgsm@kem.edu

Name of the Dean/Principal : Dr. Sangeta Ravat

College website : kem.edu

Sr. No.	Full Name of Teaching staff	Designation	PH. No (Resi)	Mob. No.	E-mail ID	Date of Birth	Aadhar Card No.	PAN No	Edu. Qualification	Date of appointment	Whether belongs to Reserved category (if so specify category)	Total Teachinging Exp. in years	Total No. of Publications	Type of Appointment Temp./Regular/Contractual
1	Dr. Asha Sharad Shenoy	Professor & Head	-	9920711009	shenoyashah@yahoo.co.in	19.10.1961	649722738175	AAOPS2556B	MD (Path)	7.9.1985	Open	39 years 4 months	70	Regular
2	Dr. Pradeep Vaideswar	Professor	-	9833509435	shreeprajai@yahoo.co.in	25.7.1963	867501495245	ABLPV7189H	MD (Path)	04.12.1990	Open	34 years, 1 month	264	Regular
3	Dr. Gwendolyn Fernandes	Additional Professor	-	9819218405 8355926993	drgwentem@yahoo.co.in	18.2.1968	353064844264	AAAPF9367M	MD (Path)	23.01.1995	Open	30 yrs	45	Regular
4	Dr. Annapurna Chandrashekar Taware	Additional Professor	-	9920344902	actaware1973@gmail.com	3.4.1973	365414916599	ALVPM625FH	MD (Path)	4.9.2003	SC	21 yrs, 4 months		Regular
5	Dr. Sangita Ramulu Margam	Additional Professor	-	7738853976	drsvgoval@gmail.com	19.1.1977	295424132955	AMPMM5401Q	MD (Path)	3.2.2005	OBC	19 years	24	Regular
6	Dr. Ujawal Kiran Rathod	Additional Professor	-	8169662116	drujwal@rediffmail.co.in	18.9.1975	753181323861	ALWPR4582R	MD (Path)	26.9.2007	VI-A	17 years, 9 months		Regular
7	Dr. Balaji Devrao Baste	Additional Professor	-	7709423158	balajibaste@gmail.com	14.04.1985	866805949271	ARNPB8294P	MD (Path)	23.12.2016	ST	8 years, 1 month		Regular
8	Dr. Rachana Amrit Chaturvedi	Associate Professor	-	9967017267	rachanachaturvedi@yahoo.co.in	27.7.1967	326654289326	ADEPC7677A	MD (Path)	Nov.1998	Open	26 years 3 months	54	Regular
9	Dr. Kanchan Snehal Kohari	Associate Professor	-	9820056313	kanchankohari@hotmail.com	3.9.1972	550300546314	AGJPK9527D	MD (Path)	12.10.1998	Open	25 yrs,		Regular
10	Dr. Pragati Aditya Sathe	Associate Professor	-	9324045123	pragatvkh@yahoo.com	22.9.1975	804717434135	AABPK0558N	MD (Path)	26.04.2001	Open	23 years 9 months		Regular
11	Dr. Manjusha Milind Karegar	Associate Professor	-	9920270717	manjusha.karegar@gmail.com	3.4.1974	994930221614	ALPPK2409R	MD (Path)	18.09.2001	Open	23 years, 5 months	16	Regular
12	Dr. Mona Akshay Agnihotri	Additional Associate Professor	-	9987810111	mona.agnihotri2@gmail.com	1.1.1974	383163273672	AGDPA0613Q	MD (Path)	20.06.05	Open	20 years, 5 months		Regular
13	Dr. Ashvini Amol Kolhe	Additional Professor	-	9323964513 9594399944	drashvinikolhe@gmail.com	11.10.1980	274763761168	BKPK7459L	MD (Path)	26.08.2009	Open	15 years, 5 months		Regular
14	Dr. Rojekar Amey Vijay	Additional Professor	-	9221430968	ameyrojekar@rediffmail.com	26.5.1980	405366218218	AGQPPR9072B	MD (Path)	31.8.2009	OBC	15 years, 5 months	24	Regular

Sr. No.	Full Name of Teaching staff	Designation	PH. No (Resi)	Mob. No.	E-mail ID	Date of Birth	Aadhar Card No.	PAN No	Edu. Qualification	Date of appointment	Whether belongs to Reserved category (if so specify category)	Total Teaching Exp. in years	Total No. of Publications	Type of Appointment Temp./Regular/Contractual
15	Dr. Waghmare Tejaswini Priyadharshan	Additional Professor	-	9769912040	tejaswiniapanad@gmail.com	7.4.1978	495015234719	BALPP5236K	MD (Path)	27.8.2009	S.C.	15 years, 5 months	12	Regular
16	Dr. Kolhe Swati Nilesh	Assistant Professor	-	9730811756	sweetudoc@gmail.com	30.6.1986	427757118500	CULPS1543P	MD (Path)	14.7.2017	Open	7 years 6 months	-	Regular
17	Dr. Patil Roshni Dayal	Assistant Professor	-	9819141850	clickroshni@gmail.com	14.10.1984	818664104070	BCIPP7864E	MD (Path)	9.6.2014	SC	10 years, 7 months	8	Temp
18	Dr. Raj Aditi	Assistant Professor (Contract)	-	9886210163	aditirajpankai@gmail.com	17.12.1982	567569845401	AFRRP3717H	MD (Path)	1.6.2021	Open	3 years 7 months	-	Contractual
19	Dr. Jyoti Rajput	Assistant Professor (Contract)	-	7028515006	jyotijaysingrajput@gmail.com	9.12.1988	897043676420	BSIPR6254C	MD (Path)	5.1.2022	Open	2 years	-	Contractual
20	Dr. Samina Ansari	Assistant Professor (Contract)	-	9321313652	saminaansari60@gmail.com	18.8.1993	320446985169	BKYPA6515P	MD (Path)	1.8.2023	OBC	1 years 5 months	-	Contractual
21	Dr. Sujata Sarangi	Assistant Professor (Contract)	-	9903605490	justsujata@gmail.com	17.12.188	544573259055	EAMPS7436E	MD (Path)	2.5.2024	Open	8 months	31	Contractual

Approved

Professor & Head
Department of Pathology

Professor & Head
Department of Pathology
Seth GSMC & KEMH
Parel, Mumbai 12

Dr. Manoj R. Kaswad 14/02/25
Dr. Sandhya V. Hanikhalde 14/02/25
Dr. Seelam P. Guleri 14/02/25

Department of Pathology
Seth G.S.M.C & K.E.M.Hospital
List of Equipment

Surgical Pathology		
1	Automatic Linear slide stainer	01
2	Automatic tissue processor	04
3	Binocular Microscopes	05
4	Computer	02
5	Cryostat	01
6	Hot air oven	01
7	Hot plates	03
8	Microtome	03
9	Microtome knife sharpening machine	02
10	Paraffin pitcher bath	02
11	Rectangular water bath	01(57 ⁰ C)
12	Refrigerators	02
13	Water bath-electric (tissue floatation)	02
14	Weighing balance-single pan	01
15	Robotic Automated multi slide Stainer	01
16	Antigen Retrieval System (for IHC)	01
17	Paraffin embedding system	01
18	Automated IHC stainer (Demo piece)	01
Seminar Room		
1	Computer	01
2	L.C.D. Projector	01
3	Microphotographic apparatus	01
4	Microprojection apparatus	01
5	Overhead Projector	01
6	Smart board	01
Cytopathology laboratory		
1	Binocular Microscope	01
2	Centrifuge	01
3	Cytospin Centrifuge	01
4	Digital single pan weighing balance	01
5	Hot air oven	01
6	Hot plate	01
7	Magnetic stirrer	02
8	Refrigerator	01
9	Timer	01
10	Slide filing cabinet	10
11	Hot plate	01
12	Penta head microscope	02

Ashwini

Professor & Head
Department of Pathology
Seth GSMC & KEMH
Parel, Mumbai - 42

Immunology Laboratory – CVTC Building		
1	Autoclave	01
2	Binocular Microscopes	01
3	Centrifuge (REMI)	04
4	Centrifuge (WE 2 Wirowka)	01
5	Centrifuge cyospin (Sakura)	01
6	CO2 incubator	01
7	Inverted Microscope	01
8	ELISA reader (Titertek and Biotek)	02
9	ELISA washer (Biotek)	01
10	Fluorescent microscope with polarizer and photomicrography system - olympus	01
11	Fully automated nephelometer (Beckman)	01
12	Hot plate	01
13	Incubators	02
14	Inverted phase contrast microscope	01
15	Laminar flow (Klenzaid)	01
16	Magnetic stirrers	02
17	Microcentrifuge (REMI)	01
18	Oven	01
19	Refrigerators	05
20	Cold centrifuge	01
21	Single pan electronic balance	01
22	Steel distillation apparatus	01
23	Ultrasonic washer	01
24	Vaccum pump	01
25	Vertical deep freezers – 20 C	03
26	Horizontal deep freezer –80 C	01
27	Vortez mixer	01
28	Waterbath	02
29	ELISA reader(Thermofisher)	01
30	Cell counter	01
	Practical Class	90
1	Microtom	01
2	Hot plate	01
3	Centrifuge Machine	01
4	Water bath	01
	Emergency laboratory	
1	Automated blood cell counter	02
2	ABG Machine	02
3	Binocular Microscopes	04
4	Spectrophotometer	01

Glassware such as staining jars, graduated cylinders, Coplisis jar, etc. and reagents as required by each of these laboratories is available.

Ashenry

Department Of Pathology Seth G.S.M C & K.E.M HOSPITAL
D.M.L.T. 2024-2025 Batch
PRACTICAL PROGRAMME

Location – Pathology practical class

Time – 10.30 am to 11.30, am

Sr no	Date & Day	Topic	Teacher
1	27.01.2025 Monday	Method of collection of blood, Different anticoagulants & choice of vacutainers; Different stains used in Hematology	Dr Aasia
2	30.01.2025 Thursday	Hemoglobin estimation by Sahli's method	Dr Yash
3	03.02.2025 Monday	RBC count, WBC count and platelet count by manual method and automated analyzer principles	Dr Mansi K
4	06.02.2025 Thursday	ESR and PCV; Calculating absolute values,	Dr Sanjana
5	10.02.2025 Monday	Preparation of blood smear, Differential WBC count	Dr Harshada
6	13.02.2025 Thursday	Study of PS: Demonstrate pics of peripheral smear in different types of anemia and leukemia; Bone marrow aspiration & biopsy needle	Dr Nupur
7	17.02.2025 Monday	Bleeding and clotting time, Prothrombin Time , aPTT, (manual & Automated)	Dr Imiti
8	20.02.2025 Thursday	Routine physical, chemical and microscopic examination of urine	Dr Snehal
9	24.02.2025 Monday	Reticulocyte count, Buffy coat, LE cell preparation, Smears for parasite examination (thick smear preparation- method)	Dr Janhavi
10	27.02.2025 Thursday	Lumbar Puncture needle; Diluting fluids: its content & preparation (CSF & other); Neubauer Chamber: identification & charging; Sputum & Semen: collection methods & smear preparation & staining	Dr Tejas
11	03.03.2025 Monday	Liver biopsy needle; Use and maintenance of centrifuge, colorimeter, chemical balance, hematocrit pipette, urinometer, micro-hematocrit centrifuge	Dr Shravani
	10.03.2025 Monday	1 st Terminal Assessment: Theory Paper- Hematology & Clinical Pathology	
	13.03.2025 Thursday	1 st Terminal Assessment: Practical Examination- Hematology & Clinical Pathology	

S. Sangita
Dr. Sangita Margam
Professor (Addl)
I/C DMLT

Asheny
Professor & Head
Department of Pathology
Seth GSMC & KEMH
Parel, Mumbai - 400 012

Asheny
Dr. Asha Shenoy
Prof & Head
Department of Pathology

प्राध्यापक व विभागप्रमुख
 पॅथॉलॉजी विभाग
 सेठ गौ. सु. वै. महा वि. व रा ए स्मार
 परळ, मुंबई १२

Department Of Pathology Seth G.S.M C & K.E.M Hospital
P.G.D.M.L.T. 2024-2025 Batch
LECTURE SCHEDULE

Location – Pathology Practical Class, 1st floor, College building
 Days: Monday and Thursday

Time – 9.30 am to 10.30 am

Sr no	Date & Day	Topic	Teacher
1	27.01.2025 Monday	Structure & function of hemopoiesis, collections of hematological samples, principles & procedure of staining methods in hematology	Dr. Sujata S
2	30.01.2025 Thursday	Different methods of hemoglobin estimation	Dr. Sujata S
3	03.02.2025 Monday	Erythrocyte : normal structure & function; Anemia definition, classification, general plan of investigations	Dr. Jyoti R
4	06.02.2025 Thursday	Salient features and investigations for iron deficiency anemia, megaloblastic anemia & hemolytic anemia	Dr. Jyoti R
5	10.02.2025 Monday	Study of peripheral smear; Leucocyte: Normal morphology, function; leucocyte disorders, leukemoid reactions	Dr. Swati K
6	13.02.2025 Thursday	Leukemias-Definition, classification, salient features & diagnosis	Dr. Swati K
7	17.02.2025 Monday	Hemostasis-Normal and abnormal conditions and Investigations in hemorrhagic disorders	Dr. Samina A
8	20.02.2025 Thursday	Urine-Its formation, normal and abnormal constituents	Dr. Aditi R
9	24.02.2025 Monday	Renal function tests	Dr. Aditi R
10	27.02.2025 Thursday	Examinations of sputum, body fluids, semen, CSF	Dr. Roshni P
11	03.03.2025 Monday	Liver function tests and gastric analysis	Dr. Roshni P
	10.03.2025 Monday	1 st Terminal Assessment: Theory Paper- Hematology & Clinical Pathology	
	13.03.2025 Thursday	1 st Terminal Assessment: Practical Examination- Hematology & Clinical Pathology	

Sangita Margam
 Dr. Sangita Margam
 Professor (Addl)
 I/C DMLT

Asha Shenoy
 Dr. Asha Shenoy
 Prof. & Head
 Department of Pathology

Asha Shenoy
 Professor & Head
 Department of Pathology
 Seth GSMC & KEMH
 Parel, Mumbai - 400 012

प्राध्यापक व विभागप्रमुख
 पॅथॉलॉजी विभाग
 सेठ गौ. सु. वै. महा वि. व रा ए स्मार
 परळ, मुंबई - १२

Department Of Pathology Seth G.S.M C & K.E.M Hospital

D.M.L.T. 2023-2024 Batch

LECTURE SCHEDULE

Location – Pathology Practical Class, 1st floor, College building
Days: Monday and Thursday

Time – 9.30 am to 10.30 am

Sr. no.	Date & Day	Topic	Teacher
1	11.12.2023 Monday	Structure & function of hemopoiesis, collections of haematological specimens, principles & procedure of staining methods in hematology	Dr Rahul Rajbhar
2	18.12.2023 Thursday 9.30	Erythrocyte : normal structure & function; Anaemia definition, classification, general plan of investigations	Dr Balaji Baste
3	18.12.2023 Monday 10.30	Different methods of hemoglobin estimation	Dr Roshni Patil
4	21.12.2023 Thursday	Salient features and investigations for iron deficiency anaemia, megaloblastic anemia & haemolytic anaemia	Dr Monica Kadam
	25.12.2023 Thursday	Holiday	
5	28.12.2023 Thursday	Study of peripheral smear; Leucocyte: Normal morphology, function; leucocyte disorders, leukemoid reactions	Dr Aishwarya Toshniwal
6	01.01.2024 Monday	Leukemias-Definition, classification, salient features & diagnosis	Dr Tejaswini Waghmare
7	04.01.2024 Thursday	Hemostasis-Normal and abnormal conditions and Investigations in hemorrhagic disorders	Dr Mona Agnihotri
8	08.01.2024 Monday	Urine-Its formation, normal and abnormal constituents	Dr Ujjwal R
9	14.01.2024 Thursday	Renal function tests	Dr Aditi R
10	14.01.2024 Monday	Examinations of sputum, body fluids, semen, CSF	Dr Sangita Margam
11	18.01.2024 Thursday	Liver function tests and gastric analysis	Dr Sonal R
12	22.01.2024 Monday	Laboratory management, planning, receiving and recording of specimens, indexing, maintaining records	Dr Kiran M

Sg
Dr. Sangita Margam
Associate Professor
Department of Pathology

Ashenoy
Dr. Asha Shenoy
Prof & Head
Department of Pathology

Ashenoy
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Department of Pathology
Seth GSMC & KEMH
Parel, Mumbai - 400 012

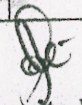
Department Of Pathology Seth G.S.M.C & K.E.M HOSPITAL

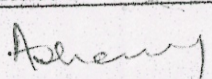
D.M.L.T. 2023-2024 Batch
PRACTICAL PROGRAMME

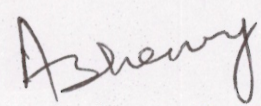
Location – Pathology practical class

Time – 10.30 am to 11.30 am

Sr no.	Date & Day	Topic	Things to be taught	Teacher
1	11.12.2023 Monday	Method of collection of blood, preparation of anticoagulant bulb and various stain solution	Blood collection methods; Anticoagulant vacutainers; Different	Dr Mansi Khatod
2	21 24.12.2023 Thursday	RBC count, WBC count and platelet count	WBC pipette, RBC pipette, WBC count	Dr Sneha Ghuge
3	24 25.12.2023 Monday	Hemoglobin estimation, ESR and PCV	HB estimation, ESR estimation	Dr Harshada
4	28 29.12.2023 Thursday	Preparation of blood smear, differential WBC count	PS making & Staining; Repeat WBC staining	Dr Bhagyashree
5	25.12.2023 Thursday	Holiday		Dr Janhvi
6	29 29.12.2023 Thursday	Study of peripheral smear in different types of anemia, calculating absolute values, reticulocyte count	Retic staining; Calculation of indices; Pic of different anemias	Dr Sanjana
7	01.01.2024 Monday	Study of PS in different types of leukemias and cytochemical stains for leukemia	Pics of different leukemias Bone marrow aspiration & biopsy needle	Dr Avaniika
8	04.01.2024 Thursday	Bleeding and clotting time, aPTT, Thromboplastin generation time	BT CT procedure, Instruments- capillary tubes, lancets, stop watch etc	Dr Shravani
9	08.01.2024 Monday	Routine physical, chemical and microscopic examination of urine	Urine examination- Physical & Chemical	Dr Tejus Patil
10	11.01.2024 Thursday	Buffy coat, LE cell preparation, parasite examination	PS for MP slides; Instruments- Wintrob's tube, centrifuge, incubator	Dr Avani Pande
11	14 14.01.2024 Monday	Demonstration of normal and abnormal findings in pleural, pericardial, ascetic fluids, CSF and semen analysis	CSF & Body fluids charts Lumbar puncture needle	Dr Yash
12	18.01.2024 Thursday	RFT & LFT charts	Liver biopsy needle RFT charts- Nephrotic, Nephritic syndrome LFT charts- Hepatitis, cirrhosis	Dr Neha Raghav


Dr. Sangita Margam
Associate Professor
Department of Pathology


Dr. Asha Shenoy
Prof & Head
Department of Pathology


Professor & Head
Department of Pathology
Seth GSMC & KEMH
Parel, Mumbai - 400 012

Department of Pathology Seth G. S. M. C and K. E. M. Hospital
DMLT 2023 – 2024 BATCH
LECTURE PROGRAMME (Rescheduled)

Location: Practical Class
 Days: Monday & Thursday

Timing: 09.30 am to 10.30 am

Sr No.	Date	Topic	Teacher
15	22.02.2024 Thursday	Section cutting, different types of microtomes, Frozen section: use & techniques	Dr. Manjusha Karegar
16	04.03.2024 Monday	Theory and principals of different staining, procedures in histopathology and histochemistry	Dr. Pragati Sathe
17	07.03.2024 Thursday	Knowledge of maintenance and use of following: Microtome, automated tissue processor, vacuum embedding bath, microscopes, hotplates, refrigerators and cryostats.	Mrs. Bharti Malankar Technician
18	26.02.2024 Monday	Structure and function of vital organs like Brain and Heart	Dr. Samina Ansari
19	29.02.2024 Thursday	Structure and function of vital organs like Liver, Spleen & Kidney	Dr. Jyoti R
20	11.03.2024 Monday	Museum maintenance: Mounting of specimens, preparation of mounting media, sealing of jars	Dr. Ashvini Kolhe
21	14.03.2024 Thursday	Liver function test and gastric analysis	Dr. Sonal Raut
22	18.03.2024 Monday	Knowledge of maintenance and working of blood bank refrigerators, refrigerated centrifuge incubators, ovens, walking coolers, autoclave etc.	Dr. Jayashree Sharma
23	21.03.2024 Thursday	Criteria used while selecting donors	Dr. Jayashree Sharma
24	28.03.2024 Thursday	Inheritance and nomenclature of ABO and Rh blood group system, other blood group systems and principle of blood banking	Dr. Jayashree Sharma
25	01.04.2024 Monday	Transfusion reactions: Recognition and investigations	Dr. Jayashree Sharma
26	04.04.2024 Thursday	Blood bank management with planning, receiving and recording of blood bank records. Legal aspects in starting and running of blood bank	Dr. Jayashree Sharma

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12/01/24
Dr. Sangita Margam
Associate Professor
Department of Pathology

Jor *Ashamande*
12/2/24
Dr. Asha Shenoy
Prof & Head
Department of Pathology

Prof. Dr. Asha Shenoy
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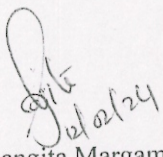
Department of pathology Seth G. S. M. C and K. E. M. Hospital

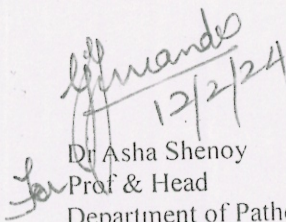
DMLT 2023 - 2024 BATCH
PRACTICAL PROGRAMME (Rescheduled)

Location: Practical Class

Timing: 10.30 am to 11.30 am

Sr. No.	Date	Topic	Things to be taught	Teacher
15	22.02.2024 Thursday	Section cutting from paraffin blocks, preparation of frozen section using cryostat, freezing microtome	Procedure in detail, frozen section	Dr. Prachi Rathi
16	04.03.2024 Monday	H & E staining, preparation of stain solutions	Procedure in detail, preparation of stains	Dr. Chitra
17	07.03.2024 Thursday	Special stain procedures like PAS, Masson trichrome, Mucicarmine, congo red, AFB stain	Procedure in detail, preparation of stains	Dr. Komal B
18	26.02.2024 Monday	Identification of Brain, Heart: Gross and Microscopy.	Gross: LVH, Fibrinous pericarditis, pyogenic meningitis Microscopy: Healed Infarct, pyo meningitis	Dr. Nupur H
19	29.02.2024 Thursday	Identification of Liver, Spleen & Kidney: Gross and Microscopy.	Gross: Fatty liver, splenic infarct, Large white Kidney Microscopy: CVC liver, cloudy change kidney	Dr. Mansi G
20	11.03.2024 Monday	Use and maintenance of centrifuge, colorimeter, chemical balance, haematocrit, pipette, urinometer, micro - haematocrit centrifuge	Visit surgical lab to see all instruments and maintenance of all of them	Dr. Durga G


Dr Sangita Margam
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Department of Pathology


Dr Asha Shenoy
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Pune, Mumbai - 411 004

Biochemistry

BIOCHEMISTRY (PGDMLT)

Schedule

2024-25 Batch

for *Dr. Jadhav*
14/2/25

PROFESSOR AND HEAD
DEPARTMENT OF BIOCHEMISTRY
Seth G. S. Medical College &
KEM Hospital, Parel, Mumbai-400012.

M U H S
DEPARTMENT OF BIOCHEMISTRY, SETH G. S. MEDICAL COLLEGE,
D.M.L.T. THEORY PROGRAMME
(2024-2025)

Day: ~~Wednesday~~ **Monday**

Venue: Department of Biochemistry
Tentative time table

Time: 10.00 am - 11.00 am

No.	Topic	Date	Teacher
1	Carbohydrate :- Definition, classification, functions, properties, Osazone formation etc.	9/12/24	ANJ
2	Proteins and amino acids : definition, classification functions, functions, chemical reactions of proteins & amino acids etc.	16/12/24	HSD
3	Nucleic acids : Definition, types, functions etc.	23/12/24	NJP
4	Lipids : Definition, classification, functions of lipids and lipoproteins.	30/12/24	ANJ
5	Enzymes : Definition, classification, function, factors affecting enzyme action, inhibition, diagnostic importance of enzyme and isoenzymes.	6/1/25	ANJ
6	Carbohydrate metabolism : Definition and importance of Glycolysis, Glycogenesis, Glycogenolysis, Gluconeogenesis, Kreb's cycle, Cori's Cycle. Blood glucose regulation, Glycosuria. Glucose tolerance tests. Diabetic mellitus.	12/1/25 to 27/1/25	YRP
7	Protein metabolism : Demination and Transamination. Urea formation, Creatine metabolism.	3/10/25	YRP
8	Lipid metabolism : Definition and importance of Beta oxidation of fatty acids, functions and clinical importance of Triacylglycerol, Phospholipids and Cholesterol Lipid profile & its importance. Atherosclerosis.	17/10/25	ANJ
9	Mineral metabolism : Functions and metabolism of Calcium, Phosphorous, Sodium, Potassium, Iodine and Iron.	24/1/25	ASC
10	Glasswares : Types, use, care and maintenance of flasks, pipettes, cylinders, funnels, tubes and thermometers.	3/2/25	ASC
11	Blood : Composition, functions and separation of plasma proteins, Blood coagulation. Chemistry and functions of haemoglobin including porphyrin and Bilirubin metabolism.	10/2/25	KSG
12	Acid base balance : Definition and importance of blood pH and its maintenance by buffers, respiratory and renal mechanism, acidosis and alkalosis (in brief).	17/2/25	KSG
13	Biochemical tests profiles : Principle and use of GTT, LFT, KFT and TFT.	3/3 to 24/3/25	YRP
14	Basic laboratory equipments : Types, use, care and maintenance of following equipments - Ovens, Incubators, Refrigerators, Deep freezer, Centrifuge, Waterbaths, Water distillation, Analytical Balance, Microscopes.	7/4/25 to 28/4/25	ASC
15	Analytical instruments & techniques Principle, types, uses, care & maintenance of a) Photoelectric colorimeter, spectrophotometer, flame photometer b) Chromatography and Electrophoresis ELISA, RIA and Isotopes	5/5/25 to 26/5/25	ANJ
16	Automation in clinical Biochemistry Principle, types, uses of Autoanalyser, Blood Gas analyzer & role of computer in laboratory.	2/6/25 30/6/25	NJP
17	Laboratory management and planning : Reception and recording of specimens, Maintenance of laboratory records, reporting.	6/7/25 to 27/7/25	KSG
18	Specimen collection : Whole blood, Plasma, Serum, Urine, CSF and other body fluids, Preservation of specimens, anticoagulants.	August	ANJ
19	Quality Control : Role of QC and its importance. Accuracy, Reliability, Precision, Internal and external QC measure, preparation of reagents, standardization of methods, safety measures and precautions.	Sept	YRP

M · U · H · S

DEPARTMENT OF BIOCHEMISTRY, SETH G.S.MEDICAL COLLEGE,
D.M.L.T. PRACTICAL PROGRAMME

Thursday **(2024 - 2025)** Tentative timetable

No	Topic	Date	Teacher	
1	Tests for Monosaccharides, Disaccharides & Polysaccharides	19.12.2024	SAR	
2	Precipitation and Colour Reactions of Proteins	20.12.2024	SAR	
3	Normal Urine	10/12/24	ANJ	
4	Abnormal Urine	31/12/24	NJP	
5	Group - A Preparation, standardization and estimation of the constituents in blood.	1. Glucose	20/1/25	YRP
		2. Urea	18/1/25	ASC
		3. Uric acid	03/01/2024	KSG
		4. Creatinine	4/2/25	NAP
		5. Proteins (Total, A / B ratio)	18/2/25	YRP
		6. SGOT and SGPT	6/3/25	NAP
		7. Alkaline Phosphatase	27/3/25	KSG
6	Group - B Estimation of the constituents in blood.	1. Acid Phosphatase	10/4/25	ANJ
		2. Amylase	17/4/25	YRP
		3. Bilirubin	24/4/25	KSG
		4. Calcium	8/5/25	HSD
		5. Phosphorus	15/5/25	HSD
		6. Sodium and Potassium	22/05/25	NAP
		7. Triacylglycerols.	29/05/25	KSG
		8. Cholesterol	5/06/25	KSG
		9. Prothrombin time	12/06/25	ASC
		10. CSF - Glucose, Proteins & Chlorides.	19/06/25	NJP
7	Group - C Spot tests	a) Instruments and Appliances b) Reagents c) Tests d) Electrophoresis & Chromatography separation e) GTT curves		

Department of Biochemistry
Seth GSMC & KEM Hospital, Parel Mumbai - 400012.

Date: 14.02.2025

List of Required Instruments/Equipment's for Biochemistry Department.

1.	Water Baths	02	Functional
2.	Auto clave electric	01	Functional
3.	Balance Micro	01	Functional
4.	Single pan balance	01	Functional
5.	Analytical balance	01	Functional
6.	Uninometer	02	Functional
7.	Incubator electrical thermostat	01	Functional
8.	Magnetic stirrer	01	Functional
9.	Water distillation plant metallic	01	Functional
10.	All glass distillation apparatus	01	Functional
11.	pH meter	01	Functional
12.	Bottle dispensers	02	Functional
13.	Auto pipettes different volume range	10	Functional
14.	Electrophoresis apparatus with power pack	01	Functional

for Anita S. Chalak
14/2/25

Dr. Anita S. Chalak
Professor & Head

PROFESSOR AND HEAD
DEPARTMENT OF BIOCHEMISTRY
Seth G. S. Medical College &
KEM Hospital, Parel, Mumbai-400012.

**MAHARASHTRA UNIVERSITY OF HEALTH
SCIENCES, NASHIK**

Annexure - "I"

Detailed Information of Teaching Staff as on :- 14/02/2025

Name of the college: Seth GSMC &
KEMH

Name of the Subject:
Biochemistry

Name of the Dean: Dr Sangeeta Ravat

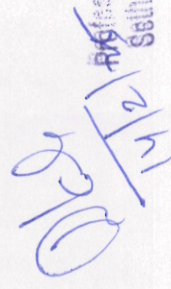
College Phone No. 02224107000

College E

Mail ID: deangsmc@kem.edu

College Website : www.kem.edu

Sr. No.	Name of the Teacher Last Name/First Name/ Middle Name	Designation	Phone number (Res.)	Mobile number	Email ID	Date of Birth	Aadhar No.	PAN Card Number	Educational Qualification	Date of Appointment	Whether belongs to Reserve category if so specify Category	Total Teaching Experience in years	Total Number of Publications	Type of Appointment (Temp/Regular/Contractual)
1	Dr. Chalak Anita Shivaji	Professor & Head		9850620123	anitachalak@kem.edu	14.04.1975	6594 8350 6053	AMWPK6557E	MD 2001 Biochemistry	07.11.15	OPEN	23	41	Regular
2	Dr. Jadhao Avinash Namdeo	Associate Professor		7718971066	swatiavi201@gmail.com	29.05.1985	3953 9283 9164	APBPJ2765D	MD 2013 Biochemistry	09.02.13	DT(VJ)	11.5	20	Regular
3	Dr. Dahake Hemant Sharad	Associate Professor		9029696118	drhdahake@gmail.com	22.11.1981	3201 7188 5267	ANDPD0805E	MD 2009 Biochemistry	24.08.09	SC	14.11	7	Regular
4	Dr. Sorte Krantii Santosh	Associate Professor		9370663730	krantisortegawali@gmail.com	31.12.1979	4404 96442 959	CZQPS5938E	MD 2010 Biochemistry	23.08.10	OPEN	14	12	Regular


 Dr. Anita Chalak
 Professor & HOD, Dept. of Biochemistry
 Seth GSMC & KEM Hospital, Mumbai

5	Dr. Pawade Yogesh Ramkrishna	Associate Professor	7506036750	yogeshpa wade@gm ail.com	20.06.19 82	8898 6752 2493	ATOPP6103 G	MD 2010 Biochemistr y	14.06.11	OBC	13.5	15	Regular
6	Dr. Nilaya Avinash patil	Assistant Professor	8308822597	nilaya2005 @gmail.co m	20.05.19 91	8751 5592 4916	CVDPP1364 A	MD 2016 Biochemistr y	10.08.23	OPEN	5	2	Contractual

Dr. Manoj R. Kashed Manoj
14/02/2025

Dr. Sandhya V. Haribhaktia Sandhya
14/02/25

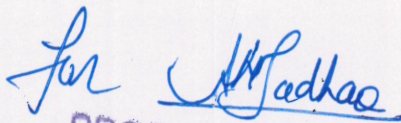
Dr. Anita Chalak
Professor & HOD, Dept. of Biochemistry
Seth GSCMC & KEM Hospital, Mumbai

Dr. Sachin Goudami Sachin
14/2/25

Department of Biochemistry

Publications in Index Journals in the Last Year:

Sr. No.	Title	Authors from the Institute	Departments of Authors	Journal Details	Journal Indexed with Which Indexing Agency
1	Assessing the risk of Renal Microvascular involvement in patients with Type II Diabetes Mellitus	Swati Panbude, Anita Chalak, Prasad Panbude, Malla Rupesh	Biochemistry	Journal of Medical Thesis 2024 January-June; 10(1):01-03	Index Copernicus, Google Scholar and Genamics
2	Development and validation of an evaluation tool for process implementation of foundation course in competency based medical education	Anita Chalak, Yogesh Pawade, Shalini Maksane	Biochemistry	Archives of Medicine and Health Sciences, 2024	Indexed in DOAJ
3	Effect of lipid and lipoprotein profiles on atherosclerosis and cardiovascular disease risk in premenopausal and postmenopausal women	Jadhao AN, Chalak AS, Lambe SD	Biochemistry	Advances in Medical, Pharmaceutical and Dental Research Journal, Dec 2024; 4(2): 85-92	Indexed in DOAJ
4	Exploring lipid variations in umbilical cord blood across different delivery modes	Jadhao AN, Ramteke TD, Barapatre AR	Biochemistry	Asian J Pharm Clin Res. 2024 Mar; 17(3):69-71	Indexed in Embase & Scopus
5	Correlation between serum LDH (lactate dehydrogenase) and GGT (gamma glutamyl transferase) levels with cervical cancer progression: a radiant insight	Diwan Ramteke T, Jadhao AN, Sonawane T	Biochemistry	Int J Acad Med Pharm. 2024;6(2):975-978	Indexed in Embase
6	Impact of intrauterine growth restriction on lipid profiles	Jadhao AN	Biochemistry	SVU-Int J Med Sci. In press. Accepted on 24 May 2024	Indexed in DOAJ


PROFESSOR AND HEAD
DEPARTMENT OF BIOCHEMISTRY
 Seth G. S. Medical College &
 K E M Hospital, Parel, Mumbai-400012.

Department of Biochemistry

Current Research Project list:

Dr. Anita S. Chalak:

1. **Metabolomic Signature of Amino Acids and Its Correlation with Obesity and Glucose Regulation**
Exploring the metabolic differences between obese and non-obese Indian adults, with a focus on amino acids and their role in obesity and glucose regulation.
2. **Correlation Between Renal Function Test and Obesity Indices**
Investigating how renal function tests relate to obesity indices in both obese and non-obese adults in Mumbai.

Dr. Avinash N. Jadhao:

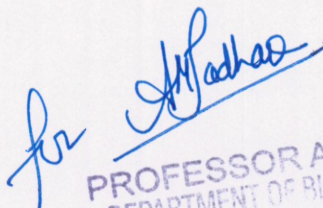
1. **Predictive Indicator for In-Hospital Mortality in Acute Cerebral Infarction**
Analyzing the potential of low-density cholesterol levels and lymphocyte ratios as a predictive indicator for in-hospital mortality in acute cerebral infarction cases.
2. **Systematic Review on the Future of Scholarly Communication: Integrating ChatGPT into Research Writing**
A systematic review exploring the integration of AI, specifically ChatGPT, in improving research writing practices in medical and clinical research.
3. **Biochemical Basis of Maternal Preeclampsia and Its Implications for Offspring Cardiovascular Risk**
Investigating the biochemical mechanisms behind maternal preeclampsia and how it affects cardiovascular risk in offspring.

Dr. Hemant Dahake:

1. **Correlation Between Liver Function Test and Menstrual Irregularities in Females**
Examining how liver function tests correlate with menstrual irregularities among normal, overweight, and obese female medical students in Mumbai.

Dr. Yogesh Pawade:

1. **Metabolomic Signature of Amino Acids and Its Correlation with Obesity and Glucose Regulation**
Similar to Dr. Chalak's project, this study focuses on the relationship between amino acid metabolism, obesity, and glucose regulation in Indian adults.
2. **Correlation Between Lipid Profile and Anthropometric Indices in Medical Students**
Investigating how lipid profiles are related to anthropometric measurements (e.g., BMI, waist-to-hip ratio) in medical students with varying weight statuses.

for 

PROFESSOR AND HEAD
DEPARTMENT OF BIOCHEMISTRY
Seth G. S. Medical College &
KEM Hospital, Parel, Mumbai-400012

Microbiology

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK

DETAIL INFORMATION OF TEACHING STAFF AS ON :

Annexure I

College Phone Number : 022 - 24136051

Name of the Department : Microbiology
Name of the College : - Seth G. S. Medical College, Parel, Mumbai - 400 012

Sub : Cor College Email Id: gsmc@gsmc.edu


Name of the Dean : Dr. Sangeeta Ravat

College Website: www.kem.edu

Sr. No.	Name of the Teacher	Designation	Telephone No. Res. Office	Mobile,	E-mail	Date of Birth	Adhar Card	Pan Card	Education Qualification	Date of Appointment	Whether belong to reserved category (if so specify category)	Total Teaching Exp. in Years	Total Number of Publications	Type of Appointment	
														(Tempo. /Regular/ Contractual/)	
1	Dr. Chaya A. Kumar	Professor & Head		9322258646	kchaya63@gmail.com	28.04.63	Adhar No 414666710190	AGIPK9207H	M.B.B.S., M.D., FCPS	01.12.1994 (Lecturer N.Q).	Open	30 yrs 2month	27	Regular	
2	Dr. Lona Dash	Professor		9833191986	lonadash@gmail.com	6.8.1969	Adhar No 695829955751	ACHPD5561E	M.B.B.S., M.D	28.5.1999	Open	23 yrs 8 months	17		
3	Dr. Shashir Wasudeo Wanjare	Assoc. Prof.		9930027331	shashirwanjare@gmail.com	09.06.71	Adhar No 261960856331	AAQPW6310B	M.B.B.S., M.D	12.12.2003	S.C.	23 yrs 10 mnth	10	Regular	
4	Dr. Vaishali Narayanrao Solanke	Assoc. Prof.		9320506432	surasevaishali@gmail.com	29.06.81	Adhar No 466593085512	AZBPS7897P	M.B.B.S., M.D	31.08.2010	SEBC	14yrs 5months	7	Regular	
5	Dr. Swapna Rajesh Kanade	Assoc Prof.		9004377725	swapnakana71@gmail.com	11.05.71	Adhar No. 814594971263	AHXPK1778R	M.B.B.S., M.D	08.11.00	Open	24 years 1 month	26	Regular	
6	Dr. Priyanka Sheshnath Prasad	Assoc Prof.		9930923115	privanka1975@gmail.com	01.04.75	Adhar No. 391957163625	AIPPP5426N	M.B.B.S., M.D	24.11.2003	Open	23 years 4 mnth	5	Regular	

DR. CHAYA A. KUMAR
PROF & HEAD
DEPARTMENT OF MICROBIOLOGY
HEALTH GSMC & KEM HOSPITAL

7	Dr. Vasant Baradkar	Assoc. Prof.	9819157450	vasantbaradkar@yahoo.com	01.02.1970	Aadhaar No 915630990936	AHHPB1600R	M.B.B.S., M.D	27.03.2001	Open	26 yrs 11 months	52	
8	Dr. Pallavi Vijay Surase	Asst. Prof	9702558850	vpsurase@gmail.com	17.01.75	Aadhaar card No. 819091165758	AETPS9774E	M.B.B.S., M.D	11.12.06	Open	18 yrs 1 month	5	Regular
9	Dr. Vijaya Premchand Torane	Asst. Prof	9820771180	vijayatorane@yahoo.co.in	21.12.77	Aadhaar card No. 706686521888	AERPT2037B	M.B.B.S., M.D	28.07.08	S.C.	18 yrs 5 months	8	Regular
10	Dr. Alpana Anil Wagh	Asst. Prof	9769628035	alpana2908@gmail.com	16.05.79	Aadhaar card No. 261227112565	APRPM0439H	M.B.B.S., M.D	23.08.10	S.C.	14 yrs 5 months	6	Regular
11	Dr. Shreeraj Talwadekar	Asst. Prof	9768470032	drshreerajt@gmail.com	19.07.86	Aadhaar card No. 926404876371	AMFPT6107Q	M.B.B.S., M.D	26.10.18	OBC	6 yrs 3 mths	4	Regular
12	Dr. Pradnya Kale	Asst. Prof	9619195106	prad.kale07@gmail.com	08.08.88	Aadhaar card No. 527129336815	BYCPK5273I	M.B.B.S., M.D	26.10.18	OBC	6 yrs 3 mths	3	Regular
13	Dr. Ranjana Thate	Asst. Prof	9004402419	ranjanathate26@gmail.com	07.05.82	Aadhaar card No. 835114874464	AUCPT9978M	M.B.B.S., M.D	21.12.18	NT-2	6 yrs 1 mths	3	Regular
14	Dr. Akshay Karyakrate	Asst. Prof	9960991092	akskary@gmail.com	27.06.92	422299901882	BOYPK2581F	M.B.B.S., M.D, D.N.B	31.01.23	Open	2	7	Contractual
15	Dr. Sonal Thavare	Asst. Prof	9869354066	dr.sonalthavare@gmail.com	16.04.1988	514052647546	ARWPT2443F	M.B.B.S., M.D	28.03.202	O.B.C.	10mth	2	Contractual
16	Dr. Priyank Trivedi	Asst. Prof	7259613610	priyankcity@gmail.com	07.09.94	999221439508	AUBPT5470M	M.B.B.S., M.D	26.10.23	Open	1 yr	1	Contractual


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17	Dr. Swapnil Thombre	Asst. Prof	7709810938	swapthombre@gmail.com	14.07.1992	687388710305	ALEPT5452C	M.B.B.S., M.D	16.08.2024	S.C.	5mnths	1	Contractual
18	Dr. Mitali Solanki	Asst. Prof	9096686320	mitali108solanki@gmail.com	11.08.91	517122665157	GABPS6289A	M.B.B.S., M.D	09.09.24	Open	4 mnth	1	Contractual
19	Dr. Deepika Ganvir	Asst. Prof	8983824126	dpnikumbhe@gmail.com	10.11.1988	29096870545	BUPPG0804E	M.B.B.S., M.D	01.02.2024	S.C.	12 days	1	Contractual

Data Verified By the Committee members

Member

Member

Member

Member

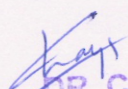
SHAYANA A. KUMAR
COO & HEAD
DEPARTMENT OF MICROBIOLOGY
ATH GSMC & KEM HOSPITAL
MUMBAI

Dr. Manoj R. Kashod 14/08/25
Dr. Sandhya V. Haulbakra 14/08/25
Dr. Sachin Guleri 14/08/25

Department of Microbiology, Seth GSMC & KEMH.

List of equipment

Sr. No.	Items	Total
1	Autoclave	4
2	BOD Incubator	2
3	BSC	12
4	Centrifuge	17
5	CO2 Incubator	1
6	Cyclomixer	7
7	Deep Freezer (minus 20°C)	10
8	Deep Freezer (minus 80°C)	3
9	Digital Thermometer	60
10	Digital Timer	23
11	Digital Weighing balance	2
12	Distilled water plant	2
13	ELISA plate incubator	2
14	ELISA washer	5
15	Heating blocks	3
16	Hot air oven	7
17	Hygrometer	20
18	Incubator	19
19	Inspissator	1
20	Laminar flow	2
21	Micro fuge	3
22	Micropipette Single channel	89
23	Micropipette Multiple channel	13
24	Microplate reader	5
25	Multimedia Projector	2
26	Refrigerated centrifuge	2
27	Refrigerator	42
28	Refrigerated microfuge	2
29	Rotary Shaker	5
30	Stepper	2
31	Strip centrifuge	1
32	Walk In Cooler	3
33	Vitek 2 Compact Machine	1
34	BD Bactec automated blood culture system	1
35	VITEK-MS Prime	1
36	Cyflow Counter	1
37	Abott Moleculer Real Time PCR	1
38	Automated Nucleic acid extraction	1
39	Qiasymphony automated extractor	1
40	Genexpert machine	2
41	BACTEC MGIT 960	1


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42	Binocular Microscope	139
43	LED microscope	2
44	Trinocular microscope	2
45	Candle jar	1
46	Anarobic apparatus	4
47	pH determination apparatus	2
48	VDRL shaker	2
49	Vortex	2
50	Water bath	2

Chaya

DR. CHAYA A. KUMAR
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SETH GSMC & KEM HOSPITAL
MUMBAI

Department of Microbiology

Seth GSMC & KEMH

Ongoing Research Activities in the college excluding PG thesis (LIC to verify the relevant details of any one of ongoing research activities such as Ethics Committee Approval, status of data collection, data analysis etc., and give the remarks below). – 11

- The scabies microbiota consortium toward new interventions in collaboration with QIMR, Brisbane, Australia
- Role/ utility of whole genome sequencing in drug resistant tuberculosis.
- Prevalence of malaria in patients attending a tertiary care hospital in Mumbai – a retrospective study.
- A retrospective of opportunistic intestinal parasites with special reference to coccidian parasites in patients attending a tertiary care hospital.
- Assessment of HIV-related stigma among healthcare workers of tertiary care teaching hospital in Mumbai – a questionnaire based study.
- Comparison of rapid immunochromatography and ELISA techniques for Hepatitis C virus serodiagnosis : a study from a tertiary care hospital in Mumbai.
- Utility of multiplex PCR for detecting neuroviruses in suspected cases of viral meningitis/encephalitis.
- Comparison of immunological, hematological and biochemical parameters in mild (non-hospitalized) and severe/ moderate (hospitalized) dengue virus infection and their association with dengue serotypes.
- Surveillance of dengue virus serotypes in patients detected with dengue NS1 antigen and its co-relation with clinical and other laboratory parameters - a single center study from a tertiary care teaching hospital in Mumbai
- Site visit as a supplemental aid to improve knowledge and attitude regarding biomedical waste management among II MBBS students: A questionnaire based study
- Hand hygiene practices in health care workers in a medical intensive care unit of a tertiary care hospital in Mumbai.

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DEPARTMENT OF MICROBIOLOGY

Seth GS Medical College and KEM Hospital, Parel, Mumbai

P.G. DMLT 2023-24 Batch

Date: 08.12.2023

Lecture timings: 10.15 am to 11.15am

Practical time: 11.15 am to 12.30pm

Venue: 5th floor Seminar hall, Multi Storey building / Microbiology practical class, College building

No	Date	Day	Lecture Topic	Teacher	Practical Topic	Teacher
1	15-12-23	Fri	Introduction to Microbiology & importance of Microbiology	Dr Shreeraj	Living agents	Dr Prajakta
2	16-12-23	Sat	Microscopy, types, principle & applications	Dr Swapnil	Microscope & its parts	Dr Tejas
3	22-12-23	Fri	Physical methods of sterilization	Dr Devika	Demonstrate various instruments & their working	Dr Swathi
4	23-12-23	Sat	Chemical disinfectants & antiseptics	Dr Diptanu	Common disinfectants & antiseptics used in our hospital	Dr Priyanka M
5	29-12-23	Fri	Lab. Safety procedures USP, Waste disposal methods, BMW	Dr Shreeraj	How to discard waste in Microbiology laboratory?	Dr Foram
6	30-12-23	Sat	General approach to lab. Diagnosis of infectious Dis	Dr Apurva B	Gram's demonstration	Dr Shailesh
7	05-01-24	Fri	Collection, transport & processing of clinical Specimen	Dr Swapnil	How to collect major specimens for Microbiological testing	Dr Gaurang
8	06-01-24	Sat	Gram's/AFB Staining, Principle, Procedure, Applications	Dr Devika	Demonstrate AFB staining	Dr Manali
9	12-01-24	Fri	Morphology & physiology of Bacteria	Dr Diptanu	Slides of common bacteria	Dr Jasmine
10	13-01-24	Sat	Special staining methods for Capsule, spore, flagella, MCG	Dr Apurva B	To give Gram's exercise	Dr Adnan
11	19-01-24	Fri	Types, examples and uses of culture media	Dr Priyank	Preparation of culture media and show various culture medias	Dr Kirti
12	20-01-24	Sat	Methods of isolating bacteria in pure culture	Dr Akshay	Demonstrate and give exercise on isolation on solid media	Dr Prajakta
13	27-01-24	Sat	Identification of bacteria	Dr Komal	Hanging drop preparation and show different biochemical tests; share examples of flowchart of identification	Dr Tejas

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14	02-02-24	Fri	Antibiotic susceptibility testing: Methods and uses	Dr Sonal	Kirby Bauer Disc diffusion method and perform ABS	Dr Swathi
15	03-02-24	Sat	Introduction to immunology: Innate/active/passive	Dr Apurva B	Widal discussion	Dr Priyanka M
16	09-02-24	Fri	Antigen: Types/Humoral and CMI response	Dr Swapnil	RPR/VDRL discussion	Dr Foram
17	10-02-24	Sat	Antibody: Structure, types, properties and applications	Dr Devika	ASO and RA discussion	Dr Gaurang
18	16-02-24	Fri	Antigen-Antibody reaction-I: Agglutination,/Precipitation/ CFT/Flocculation	Dr Diptanu	ELISA test discussion	Dr Manali
19	17-02-24	Sat	Antigen-Antibody reaction-II: Neutralization/ELISA/IF/RIA	Dr Priyank	Reception and recording of specimen, cataloging and indexing maintenance of laboratory records	Dr Jasmine
20	23-02-24	Fri	Hypersensitivity Reactions	Dr Akshay	Smear and staining of pus specimen. Approach to laboratory diagnosis of pyogenic infection; show growth on agar and ABS of these organisms(Pics)	Dr Adnan
21	24-02-24	Sat	Laboratory Management and Planning	Dr Shreeraj	Smear and staining of CSF and throat swab specimen. Approach to laboratory diagnosis of meningitis and diphtheria infection	Dr Kirti
22	01-03-24	Fri	Staphylococcus, streptococcus and pneumococcus	Dr Komal	Demonstration of use of McIntosh Fildes Jar and Approach to lab diagnosis of Gas Gangrene	Dr Prajakta
23	02-03-24	Sat	Neisseria and C. diphtheria	Dr Sonal	Smear and staining of sputum specimen in AFB lab. Approach to laboratory diagnosis of TB	Dr Tejas
24	08-03-24	Fri	Anaerobiosis and Clostridia	Dr Apurva B	Smear and staining of urine specimen. Approach to laboratory diagnosis of UTI; show growth on agar and ABS of these organisms	Dr Gaurang
25	09-03-24	Sat	Mycobacterium tuberculosis and M leprae	Dr Swapnil	Smear and staining of wound swab specimen. Approach to laboratory diagnosis of Wound infection; show growth on	Dr Manali

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					agar and ABS of these organisms	
26	15-03-24	Fri	E coli, Kleb and proteus	Dr Devika	Hands on practice on processing of clot culture and blood culture. Approach to laboratory diagnosis of tyhoid	Dr Priyanka M
27	16-03-24	Sat	Salmonella spp.	Dr Priyank	Hands on practice on hanging drop. Approach to laboratory diagnosis of diarrhea and cholera	Dr Gaurang
28	22-03-24	Fri	Hospital infection and pseudomonas	Dr Shreeraj	Hands on practice on VDRL test. Approach to laboratory diagnosis of syphilis	Dr Manali
29	23-03-24	Sat	Shigella and Vibrio spp	Dr Swapnil	Hands on practice on lepto rapid test. Approach to lab diagnosis of leptospirosis	Dr Prajakta
30	30-03-24	Sat	Treponema	Dr Devika	Hands on practice on specimen collection in dermatophytes. Approach to its laboratory diagnosis.	Dr Tejas
31	05-04-24	Fri	Zoonotic bacteria including leptospira	Dr Diptanu	Approach to lab. Diagnosis of candidiasis. Hands on practice for KOH and LPCB mount.	Dr Foram
32	06-04-24	Sat	Introduction to Mycology	Dr Sonal	Approach to lab. Diagnosis of candidiasis. Hands on practice for gram staining and germ tube testing.	Dr Priyanka
33	12-04-24	Fri	Dermatophytes	Dr Swapnil	Demonstration of viral techniques and visit to virology.	Dr Jasmine
34	13-04-24	Sat	Candida	Dr Diptanu	Hands on practice on HIV test	Dr Manali
35	19-04-24	Fri	Introduction to virology and different techniques	Dr Akshay	Procedure for saline mount and iodine mount	Dr Adnan
36	20-04-24	Sat	Lab diag. of HIV and Hepatitis B	Dr Devika	Hands on training on malaria test. Approach to laboratory diag. of Malaria	Dr Gaurang
37	26-04-24	Fri	Intro. To Parasitology: lab. Diag approach	Dr Anisha	Demonstration of Leishmania and Hands on practice for making peripheral smear preparation.	Dr Kirti

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37	26-04-24	Fri	Intro. To Parasitology: lab. Diag approach	Dr Anisha	Demonstration of Leishmanic and Hands on practice for making peripheral smear preparation.	Dr Kirti
38	27-04-24	Sat	Malaria: Life cycle, and complications	Dr Priyank	Demonstration of cestodes and Hands on practice for different concentration techniques for stool examination	Dr Jasmine
39	03-05-24	Fri	Leishmania donovani	Dr Apurwa B	Approach to laboratory diagnosis of filariasis.	Dr Adnan

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40	04-05-24	Sat	Cestodes: T. saginata/ T.solium/ E.granulosus	Dr Swapnil	Visit to bacteriology division to observe QC practices in bacteriology division	Dr Gaurang
41	10-05-24	Fri	Intestinal nematodes: A.duodenale, A.lumbricoides,	Dr Devika	Hands on practice on media pouring and pour plate technique.	Dr Kirti
42	11-05-24	Sat	Intestinal nematodes: E.vermicularis, T. tritura, S.stercoralis	Dr Diptanu	USP and BMW segregation practices	Dr Gaurang
43	17-05-24	Fri	Filariasis	Dr Anisha	Journal checking	Dr Shreeraj
44	18-05-24	Sat	Quality control in Microbiology	Dr Apurwa B	-----	
45	24-05-24	Fri	Bacteriological examination of food and water	Dr Diptanu	-----	
46	25-05-24	Sat	Common laboratory animals- care, feeding and breeding	Dr Devika	-----	
47	31-05-24	Fri	Biomedical Waste Management Revision	Dr Shreeraj	-----	
48	01-06-24	Sat	Discussion about MUHS Practical examination.	Dr Shreeraj	-----	

Dr Chaya A Kumar
15/3/24
Dr. Chaya A Kumar
Prof & Head