

**Dept.of Biochemistry,
Govt.Medical College & Hospital Aurangabad**

Professor & Head of Department

Dr.RESHAKIRAN J.SHENDYE-ROY

Associate Professor

Dr. V.M.Hardas

Dr.N.R.Hazari

Dr.J.S.Bavikar

Dr.S.B. Asegaonkar

Dr.B.M.Gadhiya

Dr.V.P.Kankute

Dr.K.B.Joshi

Assistant Professor

Mrs.N.P.Shaikh

Dr. Raviraj. Naik

Dr. Sunita Aghade

Dr. Parveen Kawathekar

Dr. Monali Bhorage

Dr. Dipti Bhagat

Biochemist

Mrs.M.V.Varghese

Mr.R.T.Landge

Administative Staff CI-III&IV

Junior Clerk

: Shri P.K.Bahure

Junior Clerk

: Smt.Sunanda Fulare

UG Lab.Technician

: 01. Shri R.D.Landge

02. Smt.A.S Kulkarni

Clinical Lab.Technician

01.Shri R.P.Salve

02.Smt.S.V.Bagal

03.Shri P.P.Khedkar

04.Shri V.S.Katkar

05.Shri C.S.Ingle

06. V.R.Vardhe

07.Shri D.V.Khadke

08.Smt.Priya Chitte

09.Shri S.T.Jogdand

10. Shri R.R.Pawar

- 11.Shri B.B.Sonne
- 12.Shri B.S.Jadhav
- 13.Shri S.U. Jadhav
- 14 Shri S.A Shaikh
- 15 Shri M.R.S.Shaikh

CI-IV Staff : 01.Shri.S.K.Jamdhade
02.Shri Sitaram Lokhande
03.Shri M.A.Rashid
04.Shri P.Khandagale
05. Shri Vijay khotkar
06. Shaikh Jameer
07.Smt.Gangabai Salampure
08.Shri N. Panbisare
09.Shri Mahesh shahane

Orgnations structure and chart:

Gazetted staff:

Professor :- 01
Associate Professors :- 07
Assistant professors :- 06 (Dr.Raviraj Naik Deputed to Nandurbar)
Biochemists :- 02
Post graduate students : 03

Non gazetted staff:

Office Staff:

Stenographer: Nil

Jr.Clerk : 02

Laboratory Staff:

Lab. Technicians : 17

Lab.Assistant : Nil

Total Class IV Staff : 09

Introduction:

Department of Biochemistry is a para-clinical department involved in teaching medical students and Provides laboratory services to the patients with special investigations .

Faculty teaches undergraduate students of first year M.B.B.S., B.D.S., B.Sc.Nursing and B.P.M.T. Postgraduate students of M.D.Biochemistry., PG DMLT, MPHN are trained and guided in the department.

This department Provides Biochemical diagnostic services to the patients in routine as well as emergency laboratory.

Mission:

1. To provide quality education to undergraduate and postgraduate students of various courses of medical colleges.
2. To provide quality biochemistry diagnostic services to all the patients of Marathwada Region & nearby Districts.

Vision:

1. To establish tertiary level laboratory at regional level.
2. To start specialized courses and fellowships in different areas of Biochemistry.
3. To establish specialized laboratory for hormones, tumor markers, bone markers, cardiac markers.
4. To establish clinical biochemistry research laboratory.
5. To establish medical genetics and clinical nutrition laboratory.

Functions and objectives:

1. To teach undergraduate and postgraduate students of M.B.B.S., B.D.S., B.Sc.Nursing, B.P.M.T., M.D., D.M.L.T. and guide Ph.D.Students.
2. Training to the students of above courses & to conduct seminars & workshops.
3. To Provide laboratory services to the patients. Routine parameters blood sugar, Kidney and liver function tests, lipid profile are done routinely and in emergency laboratory.
4. Biochemistry Department provides 24 Hrs Lab.services in emergency laboratory.
5. Special diagnostic investigations done during covid-19 pandemic which help the clinicians for diagnosis.
 - a) CPK- NAK
 - b) D-dimer
 - c) LDH
 - d) Trop-T

No of publications teacher wise

No.	Name	No. Of Publications
01	Dr. Reshakiran J.Shendye	11
02	Dr. V.M.Hardas	03
03	Dr.N.R.Hazari	07
04	Dr. J.S. Bavikar	18
05	Dr. Shilpa Asegaonkar	18
06	Dr. Bina M. Gadhiya	05
07	Dr.V.P.Kankute	02
08	Dr.K.B Joshi	05
08	Dr.N.P.Shaikh	03
09	Dr.Raviraj Naik	16
10	Dr.Sunita Aghade	08
11	Dr. Paveen Kavthekar	01

Research Projects:

1. Completed project: STAR project by Maharashtra research council of Maharashtra.
2. Ongoing projects: Long term research grant for teachers by MUHS Nashik.

Inter Collegiate Activities :

1. Conducted CME On “CHALLENGES IN THYROID DISORDERS” in December 2019.
2. Conducted Foundation course & arranged guest lectures on Stress management , Time management, Yoga & meditation, Music therapy, Interpersonal relationship, Personality development.

Achievements & Awards-

1. Dr. Shilpa Asegaokar - 3rd prize in E-poster in National Obesity conference .
2. Dr. Shaikh Nilofer Begum - 3rd prize in oral paper presentation in IRCON-2017.
3. Dr. Maria Khan – Gold Medalist in University MD Biochemistry exam in September 2020
4. Dr. Monali Bhorge- 2nd in University MD Biochemistry exam in June 2019
5. Dr. Dipti Bhagat- 3rd in University MD Biochemistry exam in June 2019

Administrative works

Sr. No.	Name of Work	Name of Incharge
1	PG Teaching (M.D Teaching)	Dr. R.J. Shendye , Dr Parveen Kavathekar
2	MPH (Nutrition)	Dr. V.M.Hardas
3	CCL	Dr.N.R. Hazari
4	MBBS	Dr. B. Gadhiya & Dr. S. Asegaonkar
5	BDS	Dr. K. B. Joshi
6	PG-DMLT	Dr. J.S. Bavikar
7	BSc - Nursing	Dr. Sunita Aghade
8	BPMT – I	Dr. J.S. Bavikar
9	BPMT – II	Mrs. Parveen Shaikh
10	BPMT – III	Dr. V.M.Hardas
11	BPMT Internship	Dr. Kankute
12	MBBS Internal Assessment	Dr Raviraj Naik

Lab Facilities

Sr.No.	List of tests (Investigations) conducted in Department of Biochemistry
01	Fasting blood sugar
02	Postmeal blood sugar
03	Blood urea
04	Serum creatinine
05	Serum uric acid
06	Serum bilirubin (Total) Serum bilirubin (Direct) Serum bilirubin (Indirect)
07	S.G.O.T
08	S.G.P.T.
09	Sr. Alk Phosphatase
10	Sr. Total protein
11	Sr. Albumin
12	Sr. Globulin
13	Sr. Calcium
14	Sr. Phosphorus
15	C S F - Protein C S F- Sugar
16	Ascitic / Pleural fluid protein
17	Lipid Profile: - Serum cholesterol - Sr. Triglycerides - HDL- cholesterol - LDL- cholesterol - VLDL- cholester
18	Sr.Amylase
19	Urine - Bile pigment, -Bile salt
20	24 hr. Urinary protein
Special Investigations	
01	Bence Jones Proteins in Urine
02	Serum Electrolytes Na,K,CL,CA
03	ABG
04	CPK NAK
05	LDH
06	D-dimer

LIST OF IMPORTANT INSTRUMENTS / EQUIPMENT

SR.NO.	NAME OF THE INSTRUMENT/ EQUIPMENT	QTY
1.	FULLY AUTOMATIC CHEMISTRY ANALYSER	3 No.
2.	SEMI AUTOMATIC CHEMISTRY ANALYSER (Tranasia)	2 No.
3.	SEMI AUTOMATIC CHEMISTRY ANALYSER (AGD)	2 No
4.	ABG ANALYSER	1 No
5.	ELECTROPHORESIS APPARATUS	1 No
6.	ELECTROLYTE ANALYSER	3 No
7.	CHEMELUMINESCENCE ANALYZER	1 No
8.	POC Meter – (ABG & D-dimer)	2 No