

DR VITHALRAO VIKHE PATIL FOUNDATION'S
MEDICAL COLLEGE & HOSPITAL



DEPARTMENT OF BIOCHEMISTRY

**DEPARTMENTAL
PROFILE**

INTRODUCTION

Introduction to Biochemistry Department:

Dr. Vithalrao Vikhe Patil Foundation's Medical College had been established at Ahmednagar in 2004 under the great leadership of Late Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee). Presently institute has world class infrastructure and providing high quality medical education to students with the constant guidance and support of Hon. Namdar Radhakrishna Vikhe Patil, Chairman, Dr. Vithalrao Vikhe Patil Foundation, Ahmednagar and Hon. Dr. Sujay Radhakrishna Vikhe Patil, CEO, Dr. Vithalrao Vikhe Patil Foundation, Ahmednagar. The institute is recognized by National Medical Commission of India, New Delhi and is affiliated to Maharashtra University of Health Sciences, Nashik.

The Department of Biochemistry was established in 2004 by the able guidance of Dr. R.K. Padalkar and now headed by Dr. D.V. Andure. This department strives to achieve excellence in the fields of medical education and diagnostics by providing holistic education inclusive of up-to-date knowledge and research in the field of clinical biochemistry, compassion for the patients and courtesy for fellow citizens with an ultimate aim to fulfil the mission of this college. The department was shifted to the ground floor of B block on 02 April 2012.

The Dept has adopted the philosophy of Total Quality Management in all spheres of its functioning by streamlining all the processes and systems to achieve satisfaction of students, patients as well as clinicians.

VISION

To create health care professionals capable of applying their biochemical knowledge into clinical practice thus helping the society

MISSION

Department of Biochemistry has an excellent history for training UG students in laboratory as well as in classroom.

1. To generate new tools and knowledge that will advance our understanding of the living world and enhance the quality of life through better medical care, disease prevention measures and nutrition as well.
2. To provide opportunities for carrier development of students and staff. Contribute to the public understanding for the life sciences and molecular medicine.
3. To translate our discoveries into meaningful applications for better health care and economic development through community outreach programme.
4. The mission of Ph.D. program is to provide platform to researcher and translation of new knowledge concerning molecular basis of life.

OBJECTIVES

By the end of the course, students should be able to:

1. demonstrate knowledge and understanding of the molecular machinery of living cells;
2. demonstrate knowledge and understanding of the principles that govern the structures of macromolecules and their participation in molecular recognition;
3. demonstrate knowledge and understanding of the principles and basic mechanisms of metabolic control and molecular signalling;
4. use basic laboratory skills and apparatus to obtain reproducible data from biochemical experiments;
5. implement experimental protocols, and adapt them to plan and carry out simple investigations;
6. analyse, interpret, and participate in reporting to their peers on the results of their laboratory experiments;
7. participate in and report orally on team work investigations of problem-based assignments;
8. build on their knowledge and understanding in tackling more advanced and specialised courses, and more widely to pursue independent, self-directed and critical learning.

SCOPE OF SERVICES:

The Biochemistry department is involved in teaching undergraduate students viz., MBBS, BPTb & B.Sc (Nursing) students, conducting research and maintaining high standards in diagnostic services. The Department of Biochemistry is run by a group of experienced and talented doctors and faculty who provide diagnostic laboratory services to outpatients and inpatients.

CENTRAL CLINICAL BIOCHEMISTRY LABORATORY

Central Clinical Biochemistry laboratory is a part of Centralised laboratory located on the ground floor of the hospital area. The laboratory offers 24/7 services, possesses experienced technical staff. Large number of routine and special investigations are carried out on highly sophisticated instruments like fully automated Analysers, Hormone Analysers, Semi – Autoanalyser, Electrolyte analyser, ABG Analysers with efficiency in working & quality of reports.

The laboratory is intended to serve as a referral laboratory for physicians of this hospital as well as for those practicing in the surrounding areas. Routine Biochemistry and specialized tests like hormones, tumour markers, and vitamins etc., done in labs that have the latest equipment's.

The laboratory handles a massive workload of tests of approximately 1200-1300 tests per day. It handles routine tests in clinical chemistry as well as special tests in the field of endocrinology, clinical enzymology and tumour markers. The department is equipped with highly sophisticated instruments viz Two fully automated biochemistry analyser, Hormone analysers, electrolyte analyser, ABG analyser, HbA1C analyser and Semi- automated chemistry analysers.

It also engages actively in meaningful undergraduate research as it believes that research is the only method of igniting young minds which propels them to the frontiers of learning. CCL Biochemistry conduct daily internal Quality Assurance Programmes. The Department has enrolled in External Quality Assurance Programmes for proficiency conducted by Bio-Rad EQAS program.

Departmental Biochemistry laboratory is also equipped with various instruments like UV spectrophotometer, Gel electrophoresis, Chromatography, Colorimeter, PH meter etc. with all other aids required for teaching and research.



PRACTICAL LABORATORY

Biochemistry department has Student Practical Laboratory of 207 Sq.mt area for smooth conduct of practicals. It has separate tables with wash basins, Cupboards, Reagent racks, Centralised gas supply with externally connected gas cylinders, Exhaust fans, Fire extinguishers, Fume cupboards, 2 Preparation rooms along with one fully equipped research laboratory.



DEMONSTRATION ROOM

Biochemistry department has two demonstration rooms, around 75 sq m each provided with Audio-Visual aids which can accommodate at least 80 students. These demonstration rooms are very well utilized for small group teaching of 20 to 25 students needed for latest CBME curriculum.



DEPARTMENTAL LIBRARY CUM SEMINAR ROOM

Biochemistry department has separate library (57 sq m) with a capacity to easily accommodate 20 people. It includes different books of medical and specially Biochemistry fraternity.



RESEARCH LABORATORY

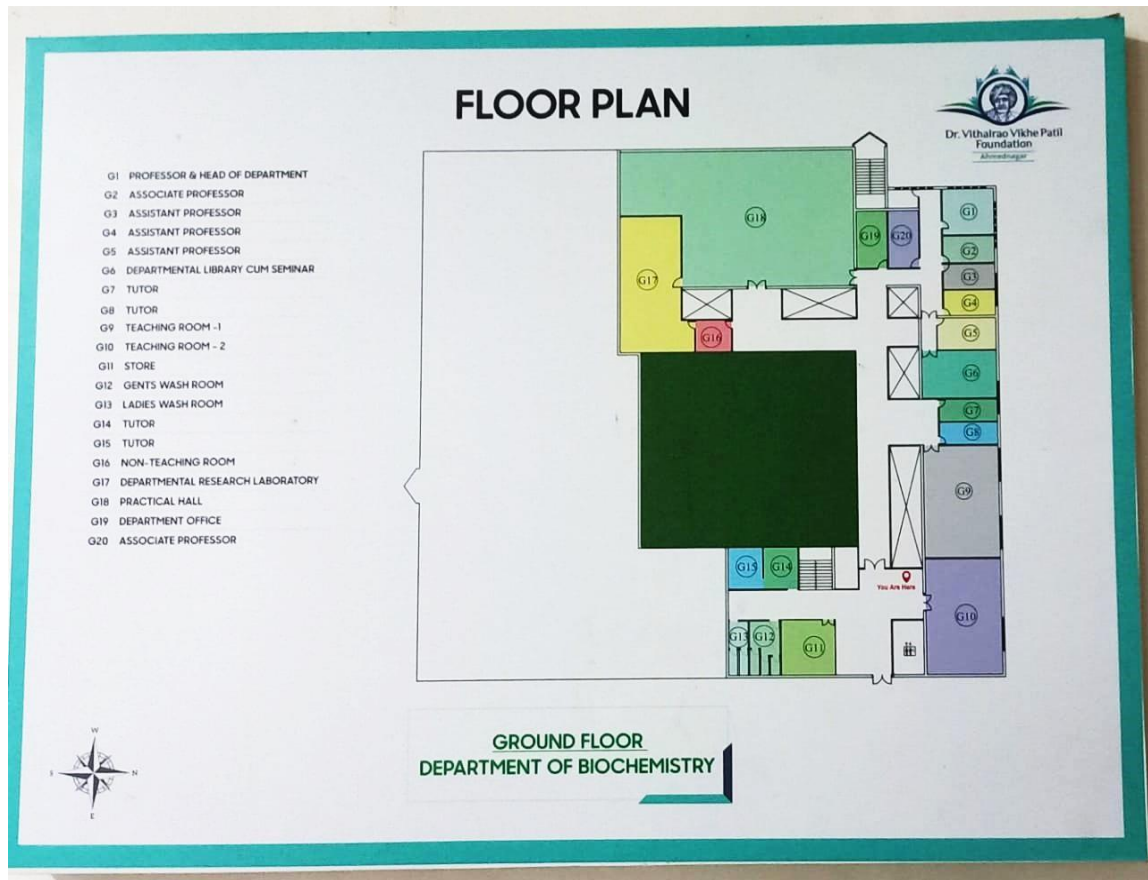
One research laboratory of 51 sq m area equipped with UV-spectrometer, centrifuges, balances, hot air oven, electrophoresis apparatus, flame photometer etc. for research work in the department. The faculty members and undergraduate students are involved in research, pursuing core knowledge in subject Biochemistry and Biochemistry research.



INFRASTRUCTURE OF DEPARTMENT

Sr. No.	Specification	Area as per NMC norm
1	Professor & HOD	21.00 Sq. Meters
2	Associate Professor	15.00 Sq. Meters
3	Associate Professor	12.00 Sq. Meters
4	Assistant Professor	12.00 Sq. Meters
5	Assistant Professor	12.00 Sq. Meters
6	Assistant Professor	16.00 Sq. Meters
7	Tutors-1	11.00 Sq. Meters
8	Tutors-2	11.00 Sq. Meters
9	Tutors-3	12.00 Sq. Meters
10	Tutors-4	12.00 Sq. Meters
11	Research Laboratory	55.00 Sq. Meters
12	Demonstration rooms- 1	75.00Sq. Meters
13	Demonstration rooms- 2	75.00Sq. Meters
14	Seminar room/Library	31.00 Sq. Meters
15	Practical hall	207.00 Sq. Meters
16	Preparation room -1	17.00Sq. Meters
17	Preparation room -2	17.00Sq. Meters
18	Non-Teaching staff	10.00 Sq. Meters
19	Department Office	15.52Sq. Meters
20	Store Room	23.97 Sq. Meters

DEPARTMENTAL FLOOR PLAN



DEPARTMENTAL STAFF

TEACHING STAFF

Name of Staff	Qualification	Designation
Dr. Andure D.V.	MBBS, MD	Professor & Head
Dr. Padalkar R.K.	M.Sc(Med),Ph.D.(Med)	Professor
Dr. Ms. Patil S.M.	M.Sc (Med), Ph.D. (Med)	Professor
Dr. Ghone R.A.	M.Sc (Med), Ph.D. (Med)	Professor
Dr. Mrs. Ghone S.R.	M.Sc , Ph.D. (Med)	Professor
Dr. Ms. Jaju J.B.	MBBS, MD	Asso. Professor
Mr. Sonawane P.L.	M.Sc , Ph.D. (Med. Scholar)	Asst. Professor
Dr. Sayamber N.G.	MBBS	Sr. Resident
Dr. Ms. Mohole D.S.	MBBS	Sr. Resident
Dr. Ms. Gadakh Y.B.	MBBS	Sr. Resident
Dr. Narwade P.S.	MBBS	Tutor
Dr. Ubale A. D	MBBS	Tutor
Dr. Ms. Mahindrakar D.B.	MBBS	Tutor
Dr. Darode A.G.	MBBS	Tutor

NONTEACHING STAFF

Name of Staff	Qualification	Designation
Mr. Pawar S.T.	BSc. DMLT	Lab. Technician
Ms. Kadam S.V.	BSc. DMLT	Lab. Technician
Mr. Chitalakar J M	B.A.	Clerk
Mrs. Kharat J.	SSC	Sweepers
Mrs. Pawar S.	SSC	Lab Attendant

CCL STAFF

Name Of Staff	Qualification	Designation
Dr. Mrs. Raut A.M.	Ph.D. (Med. Biochem.)	Biochemist
Ms. Oza V.S.	BSc. DMLT	Lab. Technician
Ms. Dongare K.P.	BSc DMLT	Tech. Asst
Mr. Pagere Gokul	BSc DMLT	Tech. Asst
Mr. Pramod Sansane.	BSc DMLT	Tech. Asst
Mr. Nana Gavhane	BSc DMLT	Tech. Asst
Ms. Shewale Jyoti	BSc DMLT	Tech. Asst

DIVERSITY OF STAFF:

Percentage of faculty who are graduates of the same university	Percentage of faculty who are graduates from other universities within state	Percentage of faculty who are graduates from universities from other states	Percentage of faculty who are graduates from universities outside the countries
50%	40%	10%	Nil

FACULTY DETAILS



Dr D. V. Andure,

MBBS., MD., Professor and Head.

Life member of Medical Biochemists of India (AMBI)

Working as Professor & HOD, biochemistry from 01 February 2020 to till date.

Examiner for MBBS, BDS, etc for MUHS & other universities

Trained in laboratory quality management & actively involved in research activities.

Incharge, Student Council Committee, DVVPF's Medical College, Ahmednagar.

Incharge, Library and Reading Hall committee, DVVPF's Medical College, Ahmednagar.

Incharge, Alignment & Integration committee, DVVPF's Medical College, Ahmednagar.

Incharge, NAAC Criteria II, DVVPF's Medical College, Ahmednagar.

Member of Medical Education Unit (MEU), DVVPF's Medical College, Ahmednagar.

Member of College Curriculum Committee, DVVPF's Medical College, Ahmednagar.

Convenor, phase I MBBS committee, DVVPF's Medical College, Ahmednagar..

Member of Academic Cell, DVVPF's Medical College, Ahmednagar.

Attended CMEs programmes in various institutions.

Chaired scientific session in research cell.

As judge for scientific session in research cell.



Dr. R.K. Padalkar,

Professor, in Biochemistry

UG & PG Teacher:

Recognized as U.G.& P.G. Teacher by Maharashtra University of Health Science Nashik.

Research Guide:

Recognized as research guide for Ph.D. by Maharashtra University of Health Science, Nashik.

BOS Member -

Member of Board of studies Maharashtra University of Health Sciences, Nashik
Member of Board of studies Biomedical Sciences MGM Institute of Health Sciences, Mumbai

Member of Association-

Life member of the “Association of Clinical Biochemist of India. (A.C.B.I.)–
Life member No: - 1939.

Life member of the Society of Biological Scientist of India (SOBSI) -Life
member No: - 310.

Life member of Indian Academy of Biomedical Sciences, life membership No.
287/20.



Dr. Sangita M. Patil (Dr. Mrs. Sangita Rajendra Kharade)

M.Sc. Ph. D (Medical Biochemistry)

Working as Professor, biochemistry from 01 April. 2024 to till date.

Examiner for MBBS, BDS, etc for MUHS & other universities

Trained in laboratory quality management, actively involved in research activities.

Life Member of Association of Society of Biological scientist of India

Resource faculty in research methodology workshop conducted under MUHS Nashik from 2020 to till date.

Reviewers of journal of biochemistry and biophysics – Red-flower publications Pvt. LTD.

Incharge of NAAC criteria II: Data collection, Analysis, Tabulation, Preservation and arrangement of documents and papers, Timely completion of Duties or work given by the co-ordinator and incharge of NAAC CELL

Mentor of MBBS students.

Mentor of of PG students

Departmental Mentorship of first year MBBS student and Institutional mentorship: Keep the record of personal data of allotted students. Discussed with students regarding problems arising with various issues like hostel, food, health, study, etc. and solve their problems

Incharge of Departmental MBBS curriculum programme.

Was working as faculty in various departmental CME and institutional research conference.

Member, of antiraging committee, was working other duties like rector of girl's hostel for three years

Member, UG and PG admission committee during admission procedure of first year MBBS batch

Member, outdoor sport committee during annual social gathering programme

Member, women cell

Member, sexual harassment committee

Member, of anti-ragging committee was working other duties like rector of girl's hostel for three years

Member, admission committee during admission procedure of first year MBBS batch 2021-2022

Was working as faculty in various departmental CME and institutional research conference.

Member, outdoor sport committee during annual social gathering programme



Prof. Dr.Rahul A Ghone

M.Sc (Med), Ph.D. (Med) Professor

Working as Professor, biochemistry from 01 April 2024 to till date.

Examiner for MBBS, BDS,, PGDMLT, BPMT, MD Biochemistry etc for

MUHS & other universities

Trained in laboratory quality management & actively involved in research activities.

Given By Committee Incharge

Editor, VIMS Health Science Journal (Print ISSN: 2348- 523x, Eissn: 2454- 1954)

Incharge, Social Cell, DVVPF's MCH, Ahilyanagar

Incharge, Social Media, DVVPF's MCH, Ahilyanagar.

Mentorship (PG &1st Phase MBBS 2025-2026 Batch)

Member Secretary, Former Teacher Association, DVVPF's MCH, Ahilyanagar.

Member, DPR Committee, DVVPF's MCH, Ahilyanagar.

Member, Examination Cell, DVVPF's MCH, Ahilyanagar.

Member, PG Admission Committee, DVVPF's MCH, Ahilyanagar.

Member, NIRF Committee, DVVPF's MCH, Ahilyanagar.



Dr. Bhagat Sonali S.

M.Sc (Med), Ph.D. (Med) Professor

Working as Professor, biochemistry from 01 April 2024 to till date.

Examiner for MBBS, BDS,, PGDMLT, BPMT, MD Biochemistry etc for

MUHS & other universities

Trained in laboratory quality management & Actively involved in research activities.

Given By Committee Incharge

Incharge of NAAC Committee Creiterion –III. Research & Innovation. All Responsibilities Given By Head of the Institute

Incharge of Incubation cetre All Responsibilities Given By Head of the Institute

Member Secretary of Student Council all Responsibilities Given by Head of the Institute

Member Secretary of Foundation Course Committee all Responsibilities Given By VIMS

Member of Social Cell All Responsibilities Given By Committee Incharge

Member of Women's Complain Committee All Responsibilities Given By Committee Incharge

Member of Sexual Harassment Elimination Committee All Responsibilities Given By Committee Incharge

Member of Antiragging Committee All Responsibilities Given By Committee Incharge

Mentorship Mentor/Incharge – 10 students from 2023-2024 Batch. Solves All Problems Received From Respective Students

Departmental Mentorship Mentor/Incharge of Roll No 1-13, 68-80,135-147 (2025-2026 Batch)



Dr. MS. JAJU JYOTSNA BHAGIRATH

MD. Biochemistry

Working as Asso. Professor, biochemistry from 01 Oct. 2020 to till date.

Life member of Association of Medical Biochemists of India (AMBI)

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Best Poster Presentation Award at APFCB, 2019 conference held at Jaipur, Rajasthan



Dr. Mrs. Anita Madhav Raut

Ph.D. (Medical Biochemistry)

Working as Associate Professor and incharge of central clinical lab, biochemistry.

As an editor in Vikhe Patil institute of medical sciences (vims) journal.

As a member in institutional ethical committee.

Examiner for MBBS, BDS, etc for MUHS & other universities

Trained in laboratory quality management & actively involved in research activities.

Incharge of NAAC Committee Criterion –IV. Infrastructure and Learning Resources All Responsibilities Given by Head of the Institute

Incharge of Student Council All Responsibilities Given by Head of the Institute

Member Secretary of Student Council all Responsibilities Given by Head of the Institute

Member Secretary of Foundation Course Committee all Responsibilities Given by VIMS
Member of Sport Club All Responsibilities Given by Committee Incharge

Member of Academic Cell All Responsibilities Given by Committee Incharge

Member of Social Cell All Responsibilities Given by Committee Incharge

Member of Women's Complain Committee All Responsibilities Given by Committee Incharge

Member of Sexual Harassment Elimination Committee All Responsibilities Given by Committee Incharge

Member of Anti-ragging Committee All Responsibilities Given By Committee Incharge

Mentorship Mentor/Incharge of Roll No 41-50 (2026 Batch) Solves All Problems Received From Respective Students

Departmental Mentorship Mentor/Incharge Of Roll No 14-26,81-93,148-160



Mr. Pravinkumar Laxman Sonawane

M.Sc.(MedicalBiochemistry), Ph.D.(Scholar)

Working as Asstt. Professor and incharge of central clinical lab, biochemistry.

Incharge of NAAC Committee Criteria –V. Student Progress and support. All Responsibilities Given By Head of The Institute

Member of Student Council. All Responsibilities Given By Head of the Institute

Member of Antiragging Committee All Responsibilities Given By Committee Incharge

Mentorship Mentor/Incharge of UG & PG Students Received From Respective Students

Departmental Mentorship Mentor/Incharge Of UG Students.

Dr. Nitin Gulabrao Sayamber

MBBS

Working as Sr. Resident , biochemistry from 02.06.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Dr. Mrs. MOHALE DEEPA S.

MBBS,

Working as Sr. Resident, biochemistry from 01.07.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Dr. Ms.Gadakh Y.B.

MBBS,

Working as Sr. Resident, biochemistry from 01.07.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Dr.Narwade P.S. .

MBBS,

Working as Tutor, biochemistry from 03.06.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Dr. Ubale A.D.

MBBS,

Working as Tutor, biochemistry from 13.06.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Dr. Ms. Mahindrakar D.B.

MBBS,

Working as Tutor, biochemistry from 01.09.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

Dr. Darode A.G.

MBBS,

Working as Tutor, biochemistry from 10.09.2025 to till date.

Life member of Indian Medical Association (IMA)

Involved in teaching Practicals & Theory to undergraduates

Trained in laboratory quality management

Actively involved in research activities of Department.

DEPARTMENTAL ACTIVITIES

Sr. No.	Topic of Conference / CME / Workshop / Guest lecture	Conducted on (Date)	No. of people attended
1	CME organized on Good clinical Laboratory Practices MMC has granted two Credit hours CME code –MMC/MAC/2018/C-011421.	25 th Oct.2018 at DrVVPf's Medical College Ahmednagar.	250
2	CME/CPD organized on Revealing Biochemical and clinical aspects in Covid-19	8 th June.2021 at DrVVPf's Medical College Ahmednagar.	110
3	Role of Clinical Biochemistry in Medicine (Guest Lecture)	24 th October 2018 at Medical College, Ahmednagar	170
4	Recent Advances in Clinical Biochemistry (Guest Lecture)	26 th October 2018 at Medical College, Ahmednagar	170
5	Guest lecture on Micro RNA	23th March 2022 at Medical College, Ahmednagar	80
6	Guest Lecture on Gene Therapy	23th Feb. 2022 at Medical College, Ahmednagar	80
7	Guest Lecture on Role RNA curing hereditary diseases	08 Jan. 2024 at Medical College, Ahmednagar	80
8	Guest Lecture on Clinical relevance of Biochemistry	28 Feb. 2024 at Medical College, Ahmednagar	80

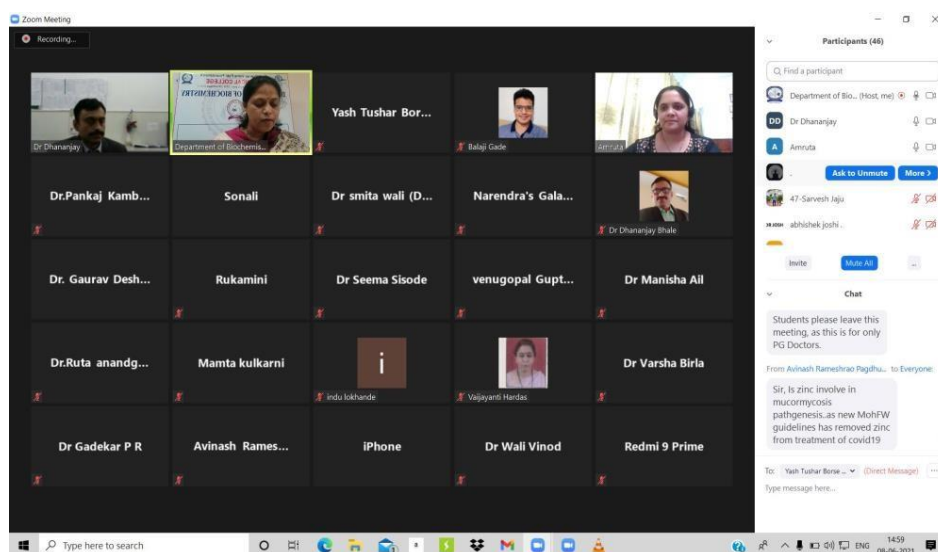
CME ON "GOOD CLINICAL LABORATORY PRACTICES"

Organized by department of biochemistry, on Thursday, 25th October 2018.



CME/CPD on "Revealing Biochemical and clinical aspects in Covid-19"

Organized by Department of Biochemistry, on Thursday 8 June, 2021.



Guest Lecture on "Role of Clinical Biochemistry Medicine"

Organized by Department of Biochemistry, on 24th Oct.2018.



Recent Advances in Clinical Biochemistry (Guest Lecture)

26th October 2018 at Medical College, Ahmednagar



08th Jan. 2024 at Medical College, Ahilyanagar



HEADS OF THE DEPT. WITH DURATION

Sr. No.	Heads of the Dept. Name	Duration
1	Dr.Namaji. K. J.	01/08/2003 to 16/02/2006
2	Dr. Padalkar. R. K.	17/02/2006 to 25/09/2019
3	Dr.Ghodke S. S.	29/09/2019 to 31/01/2020
4	Dr.Andure. D. V.	01/02/2020 to till date

TOPPERS IN BIOCHEMISTRY SUBJECT

Sr.No.	Year	Name of Student	Marks Obtained in Biochemistry Out of 200
1	2004-05	Mudaliar Kavitha T.	169
2	2005-06	Bendale Sandeep Dnyandeo	154
3	2006-07	Rane Poorva	159
4	2007-08	Vadake Shruti	152
5	2008-09	Dixit Nutan	154
6	2009-10	Mishra Rahul A.	151
7	2010-11	Telang Bhushan M.	161
8	2011-12	Nikhil Pawar S.	162
9	2012-13	Modak Aditya P.	162
10	2013-14	Nilanjana	161
11	2014-15	Hakim Yusuf S.	162
12	2015-16	Chavan Shubham	153
13	2016-17	Borhade Rohan V	158
14	2017-18	Toshniwal Gayatri N	161
15	2018-19	Richa patil	174
16	2019-20	Wayal Riya	249/300
17	2020-21	Sahetya Aishwarya M.	241/300
18	2021-22	Bhalerao Ojas	230/300
19	2022-23	Uplenchwar Ayuta Yogesh	240/300
20	2023-24	Rahane Puravi Suhas	246/300
21	2024-25	Phadke Upadaya Kiran	251/ 300

LIST OF STUDENTS STOOD DISTINCTION IN BIOCHEMISTRY SUBJECT

Year	Sr. No.	Name of Student	Distinction (Out of 200)
2004-2005	1	Mudaliar Kavitha	169
	2	Oguri Manasa	159
	3	Halgale Mohasin	159
	4	Jain Pratik	157
	5	Shinde Nikhil	153
	6	Deshmukh Roshini	150
2005-2006	1	Bendale Sandeep	154
	2	Madan Akanshi	154
	3	Shelke Kishor	150
2006-2007	1	Rane Poorva	159
	2	Pol Janahavi	157
	3	Gundecha Rohan	152
	4	Harbade Rishit	151
2007-2008	1	Vadake Shruti	152
2008-2009	1	Nutan Dixit	154
	2	Dugad Andand	152
	3	Ranade Reshma	151
	4	Kazi Bilal	151
	5	Vijeta Jain	150
2009-2010	1	Rahul Mishra	151

	2	Monteiro Jeffrey	151
	3	Munde Haridas	150
2010-2011	1	Telang Bhushan M.	161
	2	Pande Vaibhav	157
	3	Nikam Prakhar	152
2011-2012	1	Nikhil Pawar S.	162
	2	Diti Gandhasiri	154
	3	Purohit Rounak	154
	4	Vadke shantanu	150
2012-2013	1	Modak Aditya Prasad	162
	2	Pathade Yogesh Dattatray	152
	3	Salunke Mayur Amrut	152
	4	More Pranoti	150
2013-2014	1	Nilanjana	161
	2	Sharma chhganlal	158
	3	Rajput avani	156
	4	Upadhay prabhakar	155
	5	Patil shantanu	155
	6	Arve rutvik	154
	7	Kute Mayuri	153
	8	Nakhare vadangee	150
2014-2015	1	Hakim Yusuf S.	162
	2	Bhosale Aditya	158

	3	Binayke Mitali	153
2015-2016	1	Chavan Shubham	153
	2	Motiwalla Dhruvi	153
	3	Rathod Ram	152
	4	Walunj Saurabh	152
	5	Deeksha Yadav	151
	6	Sanket Manohar sonawane	150
2016-2017	1	Borhade Rohan V.	158
	2	Bansode Shivani	151
	3	Bhoosreddy Aryaman	151
	4	Chaudhari Dhanashree	153
	5	Gokhale Mrunmayee	157
	6	Kshrisagar Trisha	158
	7	Shinde Shraddha	151
	8	Taneja Ritu	153
	9	Thakur Mahesh	151
	10	Tonapi Kshitija	152
2017-2018	1	Toshniwal Gayatri N	161
	2	Pawashe Richa	159
	3	Chordia Aayush	158
	4	Sisodia Gayatri	157
	5	Pandey Surabhi	154
	6	Kadam Aniket	151

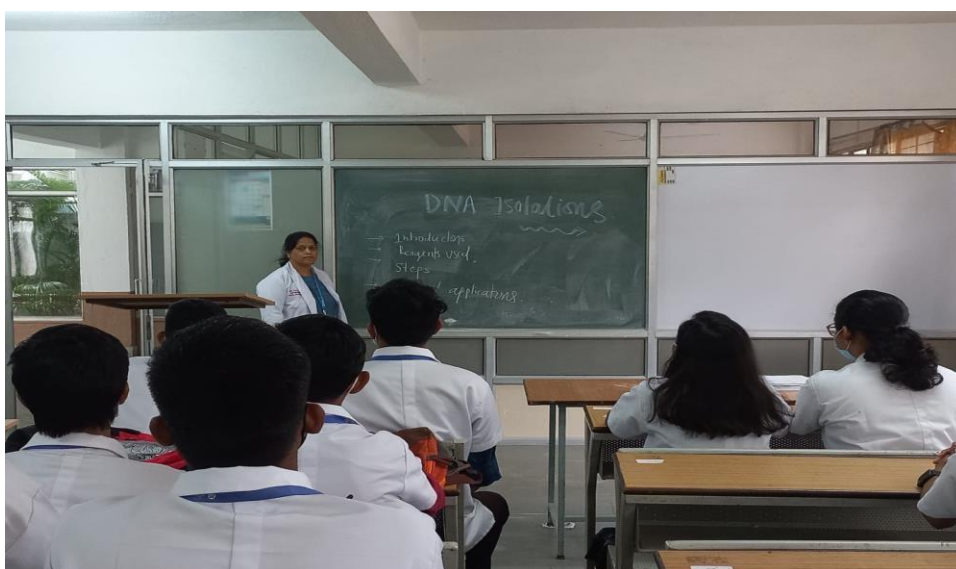
	7	Lande sagar	150
2018-2019	1	Richa Patil	174
	2	Vaishnavi Ravi	166
	3	Takwane Nayan U.	162
	4	Tiwari Gauri Sanjay	155
	5	Nair Kirti Girish	155
	6	Jagtap pranali Motilal	154
	7	Pardeshi Komal Vinod	153
	8	Malani Arpita S.	151
	9	Goregaonkar Jui P.	151
	10	Magar Rituja S.	150
2019-2020	1	Wayal Riya	249 / 300
	2	Sharma Aditi	240/ 300
	3	Date shewta	236/ 300
	4	Kad Pranjal	232/ 300
	5	Kadam Shrvani	232 / 300
	6	Riya Hari	229 / 300
	7	Alam Arhama	228 / 300
	8	Golhar Tanushree	228 / 300
	9	Katarmal Dhvani	226 / 300
	10	Ghule Varun	226/ 300
	11	Vengulkar Devyani	225 / 300
2020-2021	1	Sahetya Aishwarya M.	241
	2	Patil Samruddhi M.	239
	3	Sanap Vedika S.	232

2021-2022	4	Sonawane Tejasvi A.	229
	5	Patil Ashlesha Atul	226
	6	Tapadiya Aakanksha G.	226
	7	Jaju Sarvesh G.	225
	1	Bhalerao Ojas	230
	2	Khedkar Shital	227
2022-2023	3	Bajpeyee Sejal	226
	1	Uplenchwar Ayuta Yogesh	240/300
	2	Bembrekar Nandini R.	226/300
	3	Chandra Oum Kamlesh	234/300
	4	Chate Salba Vishnu	230/300
	5	Dhotre Pallavi Ashok	232/300
	6	Gadewar Yesh Eknath	230/300
	7	Khan Nasim Inamullah	231/300
	8	Kusalkar Ojas Ashok	227/300
	9	Mihir Ritesh Patel	238/300
	10	Patil Priya Baburao	236/300
	11	Pillai Abishek Harikumar	236/300
	12	Raut Riya Sanjay	229/300
	13	Shaikh Abuzar Nisar	226/300
	14	Vaidya Sanika Haresh	229/300
2023-2024	1	Rahane Puravi Suhas	246/300
	2	Yele Bhushan Mohan	241/300
	3	Bavaskar Yashasvi Shrikrishna	233/300
	4	Muley Nikita Atmaram	231/300

2024-2025	5	Dhruwin Patel	229/300
	6	Khedkar Pushpak Ramrao	228/300
	7	Padamgiriwar Gunjan Raju	226/300
	8	Jagtap Akanksha Nitin	225/300
	1	Phadke Upadnya Kiran	251/300
	2	Mantri Siya Abhijit	245/300
	3	Mansi Vishnu Shinde	228/300
	4	Kadam Sakshi Bhagwan	227/300

INNOVATIVE TEACHING LEARNING METHODS

SMALL GROUP DISCUSSION IN DEMO HALL



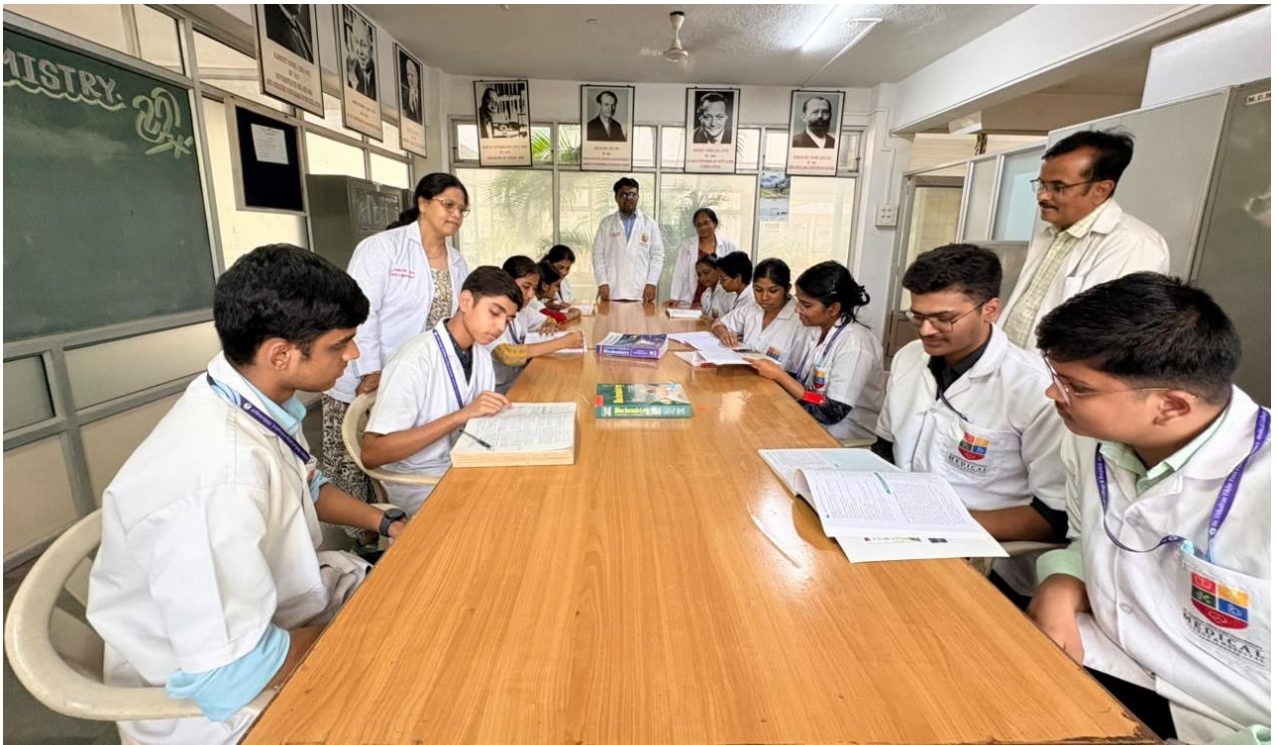
DEPARTMENTAL LIBRARY



DEPARTMENTAL RESEARCH ROOM



SMALL GROUP DISCUSSION IN DEPARTMENTAL LIBRARY



PRACTICAL HALL



CENTRAL CLINICAL LABORATORY (BIOCHEMISTRY)



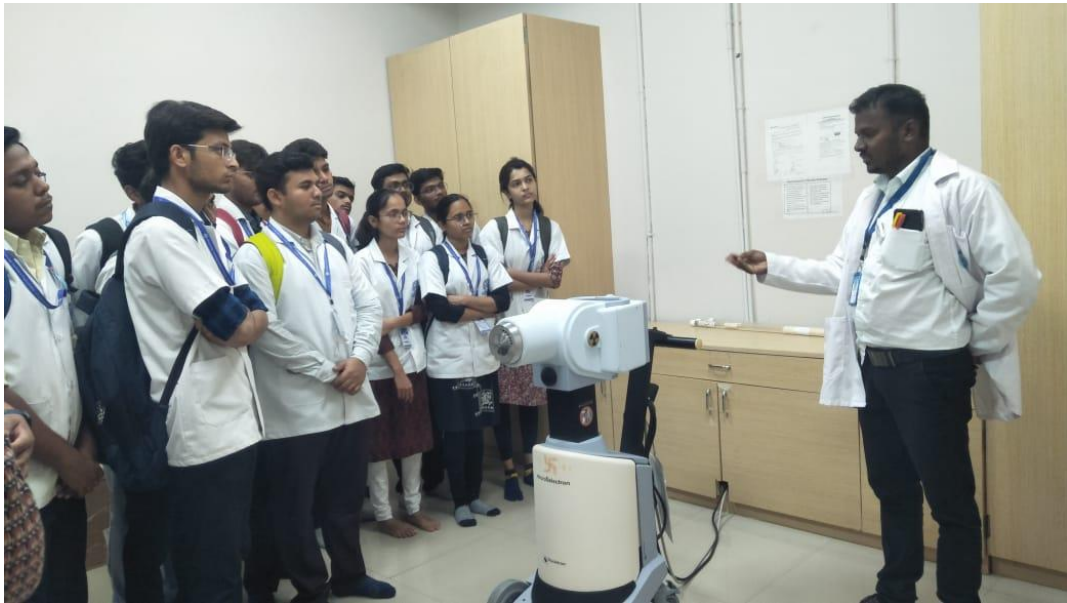
EARLY CLINICAL EXPOSURE

1. VISIT TO CCL



2. ECE ON CANCER









INTEGRATED TEACHING ON THALASSEMIA



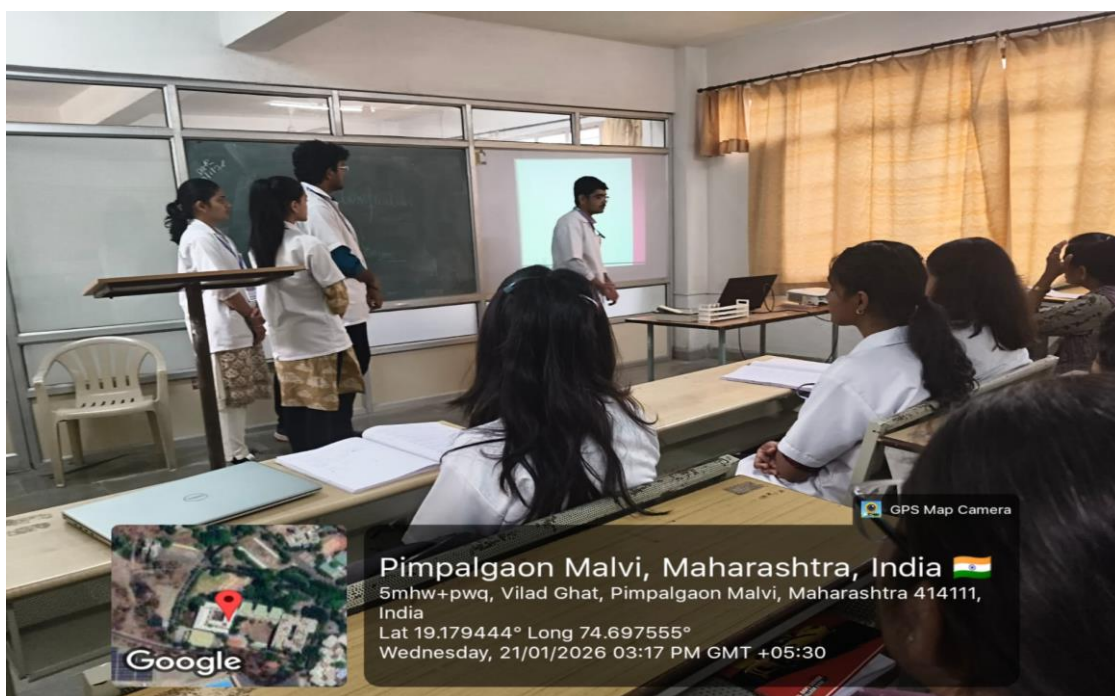
INTEGRATED TEACHING ON PATHOLOGY OF KIDNEY & SKIN & NUTRITION



**ROLE PLAY OF BAD DOCTOR AND GOOD DOCTOR,
HIGHLIGHTING COMMON MISTAKES OF PATEINTS –DOCTOR COMMUNICATION**



SEMINAR ACTIVITY



FREE SCREENING CAMPIAGN FOR DETECTION OF BLOOD SUGAR IN Ist MBBS STUDENTS



QUIZ COMPETITION



DEPARTMENTAL AWARD AND ACHIEVEMENTS

AWARD

Sr.No.	Name of Faculty	Award/ Recognitions
1	Dr.R.K.Padalkar	Member of BOS At MUHS, Nashik,2018
2	Dr.R.K.Padalkar	Tantradna Bhushan – Association of Lab clinical Analyst State of Maharashtra 2013
3	Dr.R.K.Padalkar	Member of BOS MGM Institute of Health Sciences, Navi Mumbai
4	Dr. D.V. Andure	Sushrut awards at MGIMS , Sevagram 2011-12

DEPARTMENTAL ACHIEVEMENTS

1. Total No. of Copyrights in Dept.:5
2. Total No.of Chapters published in book: 8
3. Total No. of Publications in PubMed. :05
4. Total No. of Publications: 94

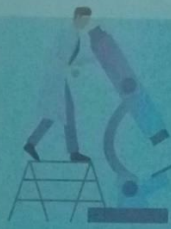
:

BOOKS / CHAPTERS:

Sr. No.	Name of Book	Name of the Chapter	Name of the Chapter Writer
1	Research Guide	Reference Writing	Dr. A. M. Raut
2	Research Guide	Research Report Writing	Dr. S. M. Patil
3	Textbook of Paediatrics Vol 2	Folic Acid (Vitamin B9)	Dr. D. V. Andure
4	Textbook of Paediatrics Vol 2	Adenosine	Dr. R. K. Padalkar
5	Textbook of Paediatrics Vol 2	Vitamins and Minerals Requirement in Child	Dr. S. M. Patil
6	Textbook of Paediatrics Vol 2	Water Soluble Vitamins	Dr. R. A. Ghone
7	Textbook of Paediatrics Vol 2	Vitamins	Dr. S.S. Bhagat
8	Textbook of Paediatrics Vol 2	Vitamin B6 (Pyridoxine)	Dr. A. M. Raut

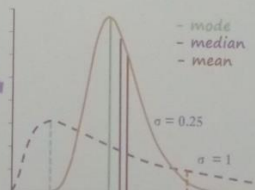
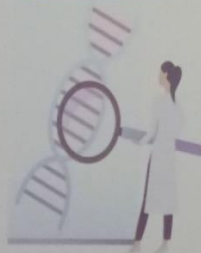
RESEARCH GUIDE

A Complete Book for your Research Journey



Prof. Dr. Sunil Natha Mhaske
(Editor-in-Chief)

Prof. Dr. Sandeep S. Kadu
(Associate Editor)



Vora Medical Publication

Mumbai - 400 003

43. Reference writing

Dr. Anita M. Raut

Introduction-

Referencing is a very important part of writing research articles or books. It adds to the shared data of all concerned in an educational or research field. Referencing conjointly enhances the writing and assists the readers by showing the depth of your research work strengthening your academic regiment. It is an important way to demonstrate to readers that you simply have conducted a radical and acceptable literature search, and readings. Equally, references is associate in serving acknowledgement that you simply have used the concepts and written communication to different author's in your own work. Like all referencing style there are two elements citing and reference list. Reference pages are the last page of a ground work of article or book. It lists all the sources you have got employed in your project. Thus readers will easily notice what reference you have got cited.

References conjointly enhances your writing and assists your reader by-

- Showing the breadth of your analysis.
- Demonstrating your understanding of educational necessities.
- Showing the readers the source of your data.
- Allowing the readers to consult your source independently.
- Allowing readers to verify your data.

There are numerous citations system accepted worldwide-

Oxford	MLA(Modern language Association of America)
Harvard	ASA (American social science Association)
Vancouver	APA(American Psychological Association)

AAA(American social science association)

Important Referencing styles in medicine and Science-

- 1- The Vancouver reference numbering system and
- 2- The Harvard parenthetical referencing.

The Vancouver referencing style-

1-Numbered referencing style i.e. Vancouver style is often used in medicine.If we cite someone's work we tend to use verity of style to refer the reference. This Vancouver system is additionally referred to as author no. system could be citation style that uses numbers within the text that refer to numbered entries within the reference list on the last page of document, can give full details of the references and corresponding sequence to the numbers within the text using consecutive numbers.

2-If identical referenceis to be cited elsewhere once more, identical number is used for that reference. Numbers in- text may be in superscript once or may be displayed in brackets like. Numbers should be appearing with a stop or comma, but before colons and semicolons.

48. Research Report Writing

Dr. Sangita M. Patil

Introduction:

- ◆ A research report is based on practical work, research reading or study of workplace situation.
- ◆ It is a medium to communicate research work with relevant people.
- ◆ It is also a good source of preservation of research work for the future references.
- ◆ In fact a report is not a complete description but only a brief statement of significant facts.
- ◆ It is the systematic articulation and order presentation of research work in a written form.
- ◆ Writing the research report is naturally an important step in the scientific process.
- ◆ Research cannot be completed without its report.
- ◆ Report writing is the end stage of the research.
- ◆ Effective research report has four major characteristics- focus, accuracy, clarity and conciseness.

Purpose of research report : To demonstrate or develop ability to undertake a complete piece of research including research design and appreciation of its significance in the field.

Types of report :

1. Oral report :

- Means presentation of research work in seminars, conferences and workshops.
- It provides an opportunity for the give and take of decisions, for better understanding of the findings and their implications.
- It saves time and energy.
- It assesses experience, knowledge and skills of learners.
- Learners can request opinions and suggestions from the audience.
- For effective feedback from facilitators, there is better relationship between learner and facilitator.
- Helps to improve future of report.
- Duration of report and time management is important part of oral report.
- While preparing the oral report basic question is asked, 'Why should the audience listen to your report?'
- Give weightage to content, structure, introduction, conclusion and question.
- Skills like voice, body language, visuals aids and method are very important while delivering the oral report.
- Demerits of oral report: lack of any permanent method of record.

2. Written report :

Report first written and then transmit to users, it has following types.

External and internal report	Middle level reporting
Routine and special report	Top level reporting
Operating report	Popular report
Lower level reporting	Report for the administrators
Technical report.	

COPYRIGHTS:

Sr. No.	Name of The Topic	Name of The Inventor	Diary Number
1.	Clinical Biochemistry Requisition Form and Report	Dr. R. K .Padalkar	17736/2018-CO/L
2.	Mnemonics In Biochemistry	Mr.Sarguru Datchanamurthi	L-94741/2020
3.	Interlock Between Facebook Use and Personality Traits of First Year Medical Students	Mr.Sarguru Datchanamurthi	L-101686/2021
4.	Study Of Serum Electrolytes Levels In Diabetes Mellitus Patients	Mr.Sarguru Datchanamurthi	L-104167/2021
5	Evaluation Proforma for Assessment of I Mbbs Students	Dr. R.A. Ghone, Dr. S.S.Bhagat, Dr.D.V.Andure	LD 20260183183



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कार्यालय

प्रमाणपत्र सं. / Certificate No.:
LD-20260183183



प्रतिलिप्याधिकार कार्यालय, भारत सरकार | Copyright Office, Government Of India

प्रतिलिप्याधिकार प्रमाणपत्र | Copyright Certificate

प्रतिलिप्याधिकार नियम का नियम 70 | Rule 70 of The Copyright Rules

प्रतिलिप्याधिकार रजिस्टर से उद्धरण | Extracts from the Register of Copyrights

आवेदन सं. / Application No.: LD-54099/2025-CO वाखिल करने की तिथि / Date of Filing: 26/12/2025

एतद्वारा यह प्रमाणित किया जाता है कि प्रतिलिप्याधिकार अधिनियम, 1957 के प्रावधानों के अनुसार, उपर्युक्त आवेदन में प्रकट किए गए "COMPETENCY-BASED EVALUATION PROFORMA FOR ASSESSMENT OF I MBBS STUDENTS" नामक कार्य के लिए प्रतिलिप्याधिकार प्रदान किया गया है।

This is to certify that a copyright has been registered for the work titled "COMPETENCY-BASED EVALUATION PROFORMA FOR ASSESSMENT OF I MBBS STUDENTS" as disclosed in the below mentioned application in accordance with the provisions of the Copyright Act, 1957.

रचयिता / Authors:

सं. / SNO. नाम / Name

पता / Address

1 DR. RAHUL ASHOK GHONE

STAFF QUARTERS, DR. VITHALRAO VIKHE PATIL FOUNDATION'S MEDICAL COLLEGE AND HOSPITAL, AHILYANAGAR-414111

2 DR. SONALI RAHUL GHONE

STAFF QUARTERS, DR. VITHALRAO VIKHE PATIL FOUNDATION'S MEDICAL COLLEGE AND HOSPITAL, AHILYANAGAR-414111

3 DR. SUNIL NATHA MHASKE

STAFF QUARTERS, DR. VITHALRAO VIKHE PATIL FOUNDATION'S MEDICAL COLLEGE AND HOSPITAL, AHILYANAGAR-414111

स्वामी / Owners:

सं. / SNO. नाम / Name

पता / Address

1 DR. RAHUL ASHOK GHONE

STAFF QUARTERS, DR. VITHALRAO VIKHE PATIL FOUNDATION'S MEDICAL COLLEGE AND HOSPITAL, AHILYANAGAR-414111

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प्रकाशक विवरण /

Publisher Details:

N.A. उद्धरण, बुरिगोना नवा विभाग, भारत सरकार, प्रतिलिप्याधिकार कार्यालय, भारत सरकार, Intellectual Property Office, Government of India.

कार्य की भाषा / Language of the Work:

English

कार्य का विवरण / Description of the Work:

N.A.

(सर्त / टिप्पणियाँ, यदि कोई हो) / (Conditions/Remarks, if any):

N.A.

उत्तर, जो सी. जरी की तिथि / Date of ROC: 03/03/2026

For Additional details please see next page.



अभिषेक
अभिषेक
Registrar of Copyrights



Dated : 08/04/2021

1. Registration Number	: L-101686/2021
2. Name, address and nationality of the applicant	: A SHARON VARSHA , NO 23 B/5 ANNAINAGAR 4TH CROSS MALLIGAIPURAM PALAKARAI TIRUCHIRAPPALLI -620001 INDIAN
3. Nature of the applicant's interest in the copyright of the work	: AUTHOR
4. Class and description of the work	: LITERARY/ DRAMATIC WORK
5. Title of the work	: INTERLOCK BETWEEN FACEBOOK USE AND PERSONALITY TRAITS OF FIRST YEAR MEDICAL STUDENTS
6. Language of the work	: ENGLISH
7. Name, address and nationality of the author and if the author is deceased, date of his decease	: A SHARON VARSHA , NO 23 B/5 ANNAINAGAR 4TH CROSS MALLIGAIPURAM PALAKARAI TIRUCHIRAPPALLI -620001 INDIAN SARGURU DATCHANAMURTHY , 2/67 THROWBATHI AMMAN KOVIL STREET KADAPERIKUPPAM POST VALUDHAVUR VIA VANUR TK VILLUPURAM DISTRICT TAMILNADU-605502 INDIAN
8. Whether the work is published or unpublished	: UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	: N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	: N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any	: A SHARON VARSHA , NO 23 B/5 ANNAINAGAR 4TH CROSS MALLIGAIPURAM PALAKARAI TIRUCHIRAPPALLI -620001 INDIAN SARGURU DATCHANAMURTHY , 2/67 THROWBATHI AMMAN KOVIL STREET KADAPERIKUPPAM POST VALUDHAVUR VIA VANUR TK VILLUPURAM DISTRICT TAMILNADU-605502 INDIAN
12. Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright	: A SHARON VARSHA , NO 23 B/5 ANNAINAGAR 4TH CROSS MALLIGAIPURAM PALAKARAI TIRUCHIRAPPALLI -620001 INDIAN SARGURU DATCHANAMURTHY , 2/67 THROWBATHI AMMAN KOVIL STREET KADAPERIKUPPAM POST VALUDHAVUR VIA VANUR TK VILLUPURAM DISTRICT TAMILNADU-605502 INDIAN
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown).	: N.A.
14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957.	: N.A.
15. If the work is an 'Artistic work', whether it is registered under the Design Act 2000, if yes give details.	: N.A.
16. If the work is an 'Artistic work', capable of being registered as a design under the Design Act 2000, whether it has been applied to an article and if yes, the number of times	: N.A.
17. 	: 
Di. 535/2021-CO/L	DEPUTY REGISTRAR OF COPYRIGHTS
Date of Application : 08/01/2021	
Date of Receipt : 08/01/2021	



Dated : 16/09/2020

- | | |
|--|--|
| 1. Registration Number | : L-94741/2020 |
| 2. Name, address and nationality of the applicant | : SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
TAMILNADU-605502
INDIAN |
| 3. Nature of the applicant's interest in the copyright of the work | : AUTHOR |
| 4. Class and description of the work | : LITERARY/ DRAMATIC WORK |
| 5. Title of the work | : MNEMONICS IN BIOCHEMISTRY |
| 6. Language of the work | : ENGLISH |
| 7. Name, address and nationality of the author and if the author is deceased, date of his decease | : SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
TAMILNADU-605502
INDIAN |
| 8. Whether the work is published or unpublished | : UNPUBLISHED |
| 9. Year and country of first publication and name, address and nationality of the publisher | : N.A. |
| 10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers | : N.A. |
| 11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any | : SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
TAMILNADU-605502
INDIAN |
| 12. Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright | : SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
TAMILNADU-605502
INDIAN |
| 13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown). | : N.A. |
| 14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957. | : N.A. |
| 15. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details. | : N.A. |
| 16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000, whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced. | : N.A. |
| 17. Remarks, if any | : |



Diary No. 9034/2020-CO/L

04/07/2020

04/07/2020

[Signature]
DEPUTY REGISTRAR OF COPYRIGHTS

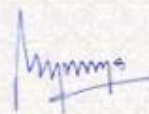


Dated : 07/06/2021

- | | | |
|--|---|---|
| 1. Registration Number | : | L-104167/2021 |
| 2. Name, address and nationality of the applicant | : | SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
DISTRICT, TAMILNADU -605502
INDIAN |
| 3. Nature of the applicant's interest in the copyright of the work | : | OWNER |
| 4. Class and description of the work | : | LITERARY/ DRAMATIC WORK |
| 5. Title of the work | : | STUDY OF SERUM ELECTROLYTES LEVELS IN DIABETES
MELLITUS PATIENTS |
| 6. Language of the work | : | ENGLISH |
| 7. Name, address and nationality of the author and if the author is deceased, date of his decease | : | SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
DISTRICT, TAMILNADU -605502
INDIAN |
| 8. Whether the work is published or unpublished | : | UNPUBLISHED |
| 9. Year and country of first publication and name, address and nationality of the publisher | : | N.A. |
| 10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers | : | N.A. |
| 11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licences, if any | : | SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
DISTRICT, TAMILNADU -605502
INDIAN |
| 12. Names, addresses and nationalities of other persons, if any, authorised to assign or licence of rights comprising the copyright | : | SARGURU DATCHANAMURTHI, 2/67 THROWBATHI
AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,
VALUDAVUR VIA, VANUR TK, VILLUPURAM
DISTRICT, TAMILNADU -605502
INDIAN |
| 13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an architectural work, the year of completion of the work should also be shown). | : | N.A. |
| 14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (i) of Section 45 of the Copyright Act, 1957. | : | N.A. |
| 15. If the work is an 'Artistic work', whether it is registered under the Designs Act 2000 if yes give details. | : | N.A. |
| 16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act 2000, whether it has been applied to an article through an industrial process and, if yes, the number of times it is reproduced. | : | N.A. |
| 17. Remarks, if any | : | |



9747/2021-CO/L
22/04/2021
22/04/2021



DEPUTY REGISTRAR OF COPYRIGHTS

COMPLETED RESEARCH PROJECT

Sr. No.	Title	Principal Investigator	IEC Approval no.	Date and place
1.	Comparison of students performance by Assessment through OSPE versus the conventional method for phase I MBBS students in the subject of Biochemistry	Dr. D.V. Andure	DVVVPF's VIMS /IEC/C/2021/15	12 th Nov. 2021 ACME at GSMC and KEM Hospital Mumbai
2	Study of serum nitric oxide and serum uric acid levels in healthy pregnant and preeclamptic pregnant woman.	Mr. Sonawane P. L	/IEC/C/2022/26	DVVVPF's VIMS
3	“Study of relationship between serum levels of fetuin A, apo B100/apo A-I ratio and insulin resistance in patients with type II diabetes”.	Mr. Sonawane P. L	BJGMC/IEC/Pharmac/Ph.D0422035-035	BJGMC
4	Study of hormone and profile in polycystic ovarian disease women between the age of 18 to 30 years	Aditya M Bhosale Dr. Sangita M Patil	STS / PDVVVPF's VIMS /IEC/C - 2016/18	2015-16
5	A study of clinical utility of D- dimer in diagnosis of renal insufficiency	Amey A. Lokhande Dr. Rahul A. Ghone	STS / PDVVVPF's VIMS /IEC/C - 2016/19	2015-16
6	To study Triglyceride levels and dietary aspects in first MBBS students as a risk factor for obesity and cardiac diseases.	Yele Bhushan Mohan Dr. Raut A. M.	STS / PDVVVPF's VIMS /IEC/C - 2024	2023-24
7	The Study Of Thyroid Hormones T3, T4 &TSH In Patients Of Depression : As New Insights Into The Thyroid-Depression Relationship	Sai Kisan sathpute Dr Sangita Mahadev Patil,	STS / PDVVVPF's VIMS /IEC/C - 2025	2024-25
8	The Impact of Acute Physical Exercise on Serum Creatine Kinase Activity: New Insights for Avoiding Clinical Misdiagnosis	Ojas Ameykumar Mane Dr Sangita Mahadev Patil	STS / PDVVVPF's VIMS /IEC/C - 2026	2025-26

LTRG Projector

Sr. No.	Name of Project	Investigators	Sponsors Name	Amount	Year
1.	Study of interleukin 6 and ischemia modified albumin as new potential biomarkers in cerebrovascular stroke.	Ms. S. M. Patil, Dr. R. K. Padalkar, Dr. Mrs. Waran Marcia, Dr. Mrs. S. S. Bhagat Mr. R. A. Ghone, Dr. D.V. Andure, Dr. Mrs. A.M. Raut	LTRG, MUHS Nashik	Rs. 57,402/-	2015-16
2.	Study of the De Ritis ratio and albumin:globulin (A:G) ratio in patients with liver diseases.	Sudarshan Dattatray Jadhav Dr. Sangita M Patil	STRG, ICMR 2023-32 11775	Rs. 50,000/-	2023-24

Avishkar Project

Sr.No.	Name of Project	Investigators	Sponsors Name	Year
1.	To compare ADA signalling and total antioxidant capacity in pulmonary emphysema patients.	Kale Samruddhi Rajesh Dr. D.V. Andure	Avishkar, MUHS	2018-19
2.	Effect of Vitamin E supplementation on oxidative stress and enzymes at glutathione redox cycle in chronic obstructive pulmonary disease (COPD)	Chhaya Nishit Ojas Dr. A.M. Raut	Avishkar, MUHS	2018-19

APPRECIATION & ACTIVE INVOLVMENT OF FACULTIES

	Teaching Staff	Details
Appointment at Health Journal	Dr. D. V. Andure	Editor , VIMS Health Science Journal (Print ISSN: 2348- 523x, eISSN: 2454- 1954)
		Reviewer , Walawalkar International Medical Journal (Print ISSN: 2349- 2910, eISSN: 2395- 0684)
Appointment at Institute Level	Dr. D. V. Andure	Incharge , Student Council Committee, DVVPF's MC, Ahmednagar.
		Incharge , Library and Reading Hall Committee, DVVPF's MC, Ahmednagar.
		Incharge , Alignment & Integration Committee, DVVPF's MC, Ahmednagar.
		Member of Medical Education Unit (MEU), DVVPF's MC, Ahmednagar.
		Member of College Curriculum Committee, DVVPF's MC, Ahmednagar.
		Convenor , Phase I MBBS Committee, DVVPF's MC, Ahmednagar.
		Member of Academic Cell, DVVPF's MC, Ahmednagar.
Resource Faculty	DR. D. V. Andure	MMC Accredited Speaker for CME with reference ID number MMC/MAS/0718/2018.
		As speaker and Faculty in NMC & MUHS approved "Revised Basic Course Workshop" from 1 st to 3 rd September 2021 at the DVVPF's Medical College, Ahmednagar.

		As Speaker and Faculty in CME on "Good Clinical Laboratory Practices" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Thursday, 25 th October, 2018.
		As organizing Secretary and speaker in CPD (Webinar) on "Revealing Biochemical and Clinical Aspects in COVID- 19" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Tuesday 8 th June 2021.
		As speaker in CPD (Webinar) on "Physiological Aspects of Covid- 19" organized by Department of Physiology, DVVPF's Medical College, Ahmednagar on Friday, 23 rd July 2021.
		As speaker and Faculty in the "Curriculum Implementation Support Program II (Online)" held from 22/09/2020 to 23/09/2020 at DVVPF's Medical College, Ahmednagar.
		As speaker and Faculty in the "Curriculum Implementation & Support Program Workshop" held from 12 th to 14 th June 2019 at the DVVPF's Medical College, Ahmednagar.
		As speaker and Faculty in the "Revised Basic course workshop in MET" held from 1 st to 3 rd September 2021 at the DVVPF's Medical College, Ahmednagar.
		As speaker in the webinar on "Awareness of COVID- 19 Amongst Medical Fraternity" organized by Dept of Microbiology on 29 th to 30 th September 2021, at the DVVPF's Medical

		College, Ahmednagar.
Appointment at Health Journal	Dr. S.M. Patil	Reviewer , Indain Journal of biochemistry and biophysics ,
Appointment at Institute Level	Dr. Patil S.M	Member secretary of college curriculum committee
		Member Secretary of institute level internal quality assurance cell
		Member of research cell member
		Member of institution innovation council
		Member of Alignment and integration committee
		Member of NAAC criteria II
		Nodal officer NIRF, DVVPF's medical college
Resource Faculty	DR. S. M. Patil	Resourse and speaker in basic workshop research methodology. Organized by research cell DVVPF's medical college Ahmednagar on 7 th to 9 th august 2019.
		Resource and speaker person in online basic workshop in research methodology organized by research cell DVVPF's medical college Ahmednagar on 3 rd March to 5 th March 2021.
		Moderator a session on the topic stress management in working women in lecture series organized by women cell DVVPF's medical college and hospital Ahmednagar 7 th oct to 14 th oct 2021.
		As faculty in CPD (Webinar) on "revealing biochemical and clinical aspects in covid- 19 organized by Department of biochemistry

		DVVPF's Medical College, Ahmednagar on 8 th June 2021.
		As faculty in CME on "good clinical laboratory practices organized by Department of biochemistry DVVPF's Medical College, Ahmednagar on 25 th October June 2018.
Appointment at Health Journal	Dr. Rahul Ghone	Editor , VIMS Health Science Journal (Print ISSN: 2348- 523x, eISSN: 2454- 1954)
Appointment at Institute Level	Dr. Rahul Ghone	Departmental Mentorship , Roll no 55-67,121-134, 187-200. (1 st Phase MBBS)
		Member Secretary , Social Cell, DVVPF's MC, Ahilyanagar.
		Member Secretary , Formar Teacher Association, DVVPF's MCH, Ahilyanagar.
		Member Secretary , Social Media, DVVPF's MCH, Ahilyanagar.
Appointment at Health Journal	Dr. Bhagat Sonali	Reviewer , Journal of Clinical & Diagnostic Research ISSN: 0973- 709X, Users Online- 9421.
Appointment at Institute Level	Dr. Bhagat Sonali	Incharge , Girls Common Room Committee, DVVPF's MC, Ahmednagar.
		Incharge , Criterion IV (NAAC), DVVPF's MC, Ahmednagar.
		Departmental Mentorship , Roll no 11-20, 61-70, 111-120 (1 st Phase MBBS)
		Secretary , Student Council Committee, DVVPF's MC, Ahmednagar.

		Secretary , Foundation Course Committee, DVVPF's MC, Ahmednagar.
		Member , VIMS Sports Committee (Girls) DVVPF's MC, Ahmednagar.
		Member , NSS Committee, DVVPF's MC, Ahmednagar.
		Member , Women's Complain Committee DVVPF's MC, Ahmednagar.
		Member , Academic Cell, DVVPF's MC, Ahmednagar.
		Member , Sexual Harassment Elimination Committee, DVVPF's MC, Ahmednagar.
		Member , Social Cell, DVVPF's MC, Ahmednagar.
Resource Faculty	DR. Sonali Bhagat	As Faculty in CME on "Good Clinical Laboratory Practices" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Thursday, 25 th October, 2018.
		As organizing Committee and faculty in CPD (Webinar) on "Revealing Biochemical and Clinical Aspects in COVID- 19" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Tuesday 8 th June 2021.
Appointment at Health Journal	Dr.Anita M. Raut	Editor , VIMS Health Science Journal (Print ISSN: 2348- 523x, eISSN: 2454- 1954)
Appointment at Institute Level	Dr. Anita M. Raut	Incharge , Research cell, Museum , DVVPF's MC, Ahmednagar.

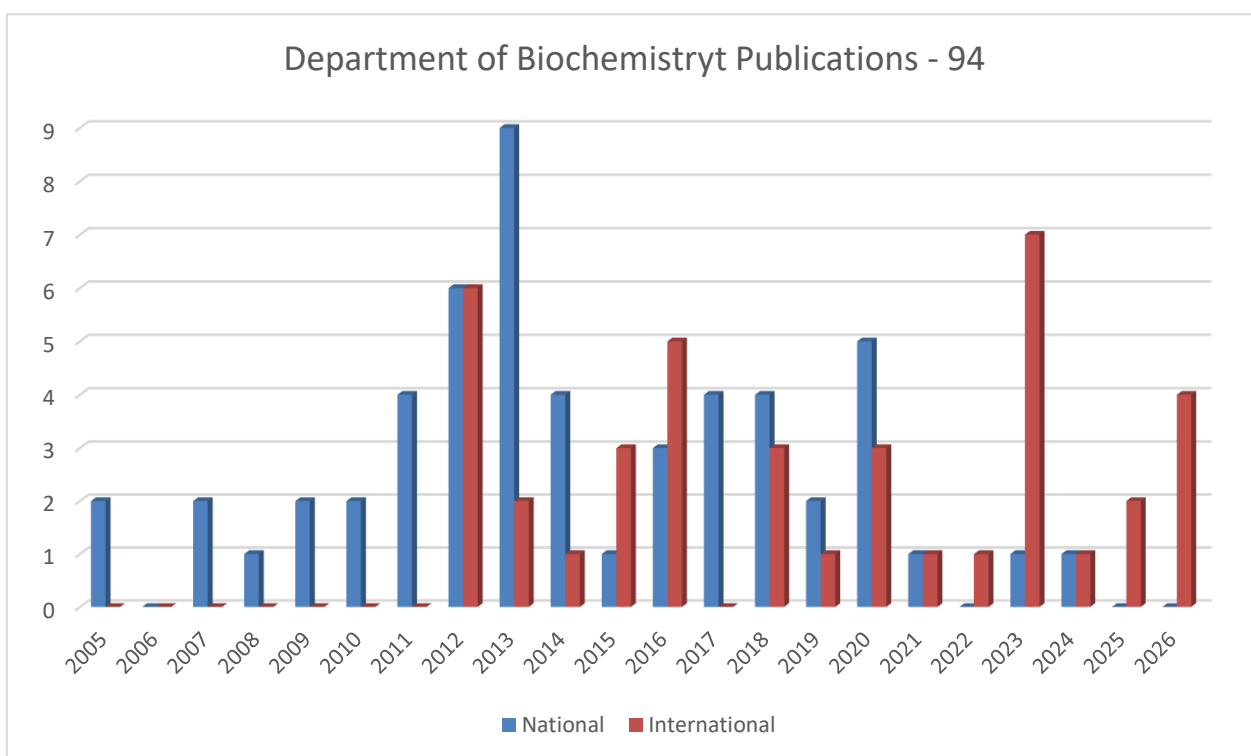
		Cordinator, Women cell Committee, DVVPF's MC, Ahmednagar.
		Secretary , Women's complaint committee, DVVPF's MC, Ahmednagar.
		Secretary , Sexual harassment elimination committee ,DVVPF's MC, Ahmednagar.
		Secretary , Sports committee Girls , DVVPF's MC, Ahmednagar.
		Coordinator for CCL biochemistry DVVPF's MC & H, Ahmednagar.
		IQAC Cell ,coordinator , Criteria- II DVVPF's MC, Ahmednagar.
		Member , Ethical committee, DVVPF's MC & H, Ahmednagar.
		Social cell, Member DVVPF's MC, Ahmednagar.
		Wall magazine, Member DVVPF's MC, Ahmednagar.
Resource Faculty	DR. Anita M.Raut	Faculty in CME on "Good Clinical Laboratory Practices" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Thursday, 25 th October, 2018.
		As organizing as member in CPD (Webinar) on "Revealing Biochemical and Clinical Aspects in COVID- 19" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Tuesday 8 th June 2021.

TEACHING METHODOLOGY

Teaching Methods	No. of sessions
a. Lectures	110
b. Small Group Teaching	21
c. DOAP sessions	13
d. Practical	21
e. Bedside teaching	--
f. Group activity	12 (12hrs)
g. Integrated sessions	12 (24hrs)
h. Any other (specify)	
i. Early clinical Exposure	10 (30 hrs)
ii. Self Directed Learning	10 (30 hrs)
Iii. Demonstrations	10 (60 hrs)

LIBRARY DETAILS

		No. of Books
1. Total no. of books in central library	:	12994
2. Total no. of Biochemistry books in central library	:	590
3. Total no. of books in Departmental library	:	124
4. Title of Books (Total no.)	:	100
5. Complementary Books	:	35



PUBLICATIONS

Sr. No.	Name of Article	Authors	Name of Journal	Indexed in	Publication Details Year, Month, Vol. No., Page No.
1	Serum nitric oxide level and antioxidant activity in normal pregnancy & pregnancy induced hypertension.	R. K. Padalkar, A. N. Suryakar.	Indian Medical Gazette	Indian Medical Journals	2005 ; July 39(7): 288-290. National
2	The pattern of serum bilirubin level and comparison of effectiveness of photo therapy and blood exchange transfusion in neonatal jaundice.	P. S. Kamble, V. R. Bhagwat, R. K. Padalkar, P. D. Zende, S. M. Patil.	Indian Medical Gazette	Indian Medical Journals	2005 ; Nov ,Vol-39(11), 472-475. National
3	Lipid peroxides & malondialdehyde in the synovial fluid and plasma of patients with rheumatoid arthritis.	K. K. Mane, A. N. Suryakar, K. A. Kulkarni, R. K. Padalkar.	Research Journal of Krishna Institute, Karad	Indian Science Abstract, Scopus, Copernicus	2007, Jan.- Dec; 22-25 National
4	Serum lipid peroxide and trace elements in mental disorders.	Padalkar R. K., Kamble P. S., Zende P. D., Patil S. M.	The Antiseptic	IndMed Journals	2007, Sept .,104(9): 452-453. National
5	Oxidative stress and disturbance in antioxidant balance in beta thalassemia major.	Rahul A Ghone, K M Kumbar, A N Suryakar, R V Katkam and N G Joshi	Indian Journal of Clinical Biochemistry	PubMed, PubMed Central, SCOPUS	2008 / 23 (4) 337-340 National
6	Oxidative stress and antioxidant status in pre-eclampsia and eclampsia an application to forensic significance.	R. K. Padalkar, A.N. Suryakar, P. S. Kamble, P. D. Zende, S. M. Patil, V. R. Pandhare.	Indian Journal of Forensic Medicine and Pathology an International journal	Index Copernicus, EM BASE Scopus	2009, Jan-March ;2(1): 13-15 National
7	Plasma malondialdehyde and ceruloplasmin activity: correlation in rheumatoid arthritis.	K. K. Mane, S. Metkari, R. K. Padalkar	Research Journal of KIMS Karad.	Indian Science Abstract, Scopus, Copernicus	2009 ; July-Dec., ,2(2):14 -17. National

8	Levels of trace elements in burn injury.	U. D. Zende ,P. D. Zende, V. R.Bhagwat, R. K. Padalkar,P. S. Kamble, S. M. Patil	The Antiseptic.	Indian Medical Journals	2010;June, 107(6): 288-290. National
9	Antioxidant status and lipid peroxidation in sickle cell anaemia.	Prakash Hundekar, Adinath Suryakar, Aarti Karnik, Rahul Ghone, Maya Vasaikar	Biomedical Research.	Scopus Indmedica Excerpta Medica, Fluidex	2010; 21 (4): 461-464
10	Effect of exogenous vitamin E supplementation on oxidant antioxidant status in COPD.	Anita M. Raut, AN. Suryakar, Dilip Mhaisekar, R K Padalkar	The Antiseptic.	Indian Medical Journals	2011;Feb ,108(2): 81-83 National
11	Lipid peroxidation and antioxidant vitamin status in colorectal cancer patients.	Sonali S. Bhagat, Rahul A. Ghone, Adinath N. Suryakar And Prakash S. Hundekar	Indian J Physiol Pharmacol.	Index Medicus, PubMed, MEDLINE	2011; 55 (1) 72 – 76 National
12	The Effect of Antioxidant Supplementation on the Oxidant and Antioxidant Status in Sickle Cell Anaemia	Prakash S. Hundekar, Aadinath N. Suryakar, Aarti C. Karnik, Rajesh Valvi, Rahul A. Ghone, Sonali S. Bhagat	Journal Of Clinical and Diagnostic Research	<i>PubMed, PMC,Index Copernicus, DOAJ</i>	2011 ;5 (7): 1339-1342 National
13	Oxidative stress and markers of nitric oxide metabolism in COPD and in healthy smokers.	Anita M. Raut, AN Suryakar, Dilip Mhaisekar, RK Padalkar	The Antiseptic	Indian Medical Journals	2011;Jan,108(1):15-17. National
14	Lipid profile, serum malondialdehyde, superoxide dismutase in chronic kidney diseases and type 2 diabetes mellitus.	Ramchandra K Padalkar, Ashok V Shinde, Sangita M Patil	Biomedical Research.	Scopus Indmedica Excerpta Medica, Fluidex	2012; 23 (2): 207-210 National
15	Possible relationship between LDL/HDL cholesterol ratio & HDL as a surrogate marker in acute myocardial infarction.	Sheetal S. Ghodke, Ramchandra K Padalkar, Sonali S. Bhagat, Rahul A. Ghone, Sangita M Patil.	International Journal of Health Sciences& Research.	ScopeMed, DOAJ, Index Copernicus	2012 ,Sep.,2(6): 83-87 International

16	hs- CRP “A golden marker” of inflammation and coronary artery disease.	Sheetal S. Ghodke, R. K Padalkar, Sonali S. Bhagat, RA. Ghone, SM Patil.	International Journal of Health Sci. & Research.	Scopemed, DOAJ, Index Copernicus	2012 ,Sep,2(6):42-48 International.,
17	Study of iron status & free radical activity in plasmodium falciparum & plasmodium vivax malaria infection.	Sangita M Patil, Ramchandra K Padalkar, Ashok V Shinde	Indian Journal Of Applied Research.	Index Copernicus ,Goo gle Scholar,DJOF	2012,June, 9(1):203-205. National
18	A study on the biomarkers of oxidative stress the effect of oral therapeutic supplementation on the iron concentration & the product of lipid peroxidation in β -thalassemia major.	Sonali S. Bhagat, Purnima Day sarkar, AN Suryakar, R K Padalkar Rahul A. Ghone, Sangita M Patil, Prakash S. Hundekar.	Journal Of Clinical and Diagnostic Research	<i>PubMed, PMC, Index Copernicus, DOAJ</i>	2012 , Sep.6 (7): 1144- 1147 National

19	Special effects of oral therapeutic supplementation of antioxidants on attenuation of iron overload in homozygous beta thalassemia.	Sonali S. Bhagat, Purnima Day Sarkar, Adinath N.Suryakar, Rahul A. Ghone, Ramchandra K Padalkar, Aarti C Karnik, Sangita M Patil, Sham Tarde	International Journal of Health Sciences& Research.	Scopemed, DOAJ, Index Copernicus	2012, August, 2 (5) ; 36-41 International
20	The effect of combined vitamin E & C supplementation on the oxidative stress parameters in patients with schizophrenia.	Santoshi R Ghodake, Aadinath N. Suryakar, Abdul Kayyam sheikh, Prabhakar M Kulhalli, R. K. Padalkar, A M Raut	International Journal Cur. Res. Rev	ScopeMed, Google Scholar, Index Copernicus	2012 Sep.,4(18):176-183 National
21	The levels of oxidants and antioxidants status in COPD with relation to oral vit. E supplementation.	Anita M. Raut, A N. Suryakar, Dilip Mhaisekar, R K Padalkar.	<i>Journal of the Association of Physicians of India</i>	Index medicus, MEDLI NE, PubMed	2012, April, ;60:82 National
22	A study of oxidative stress and influence of antioxidants vitamins supplementation in patient with major depression.	Santoshi R Ghodake, A N. Suryakar, Prabhakar M Kulhalli, R K Padalkar, Abdul Kayyam Sheikh	Current Neurobiology	Refseek, Jamaia Hamdard University, EBSCO	2012;3(2): 107-111 National
23	The possible role of oxidants & antioxidants imbalance in pathophysiology of schizophrenia.	S R Ghodake, A N. Suryakar, R K Padalkar, P M Kulhalli, A K Sheikh.	Int. J. Med.Res.Heal th Sci.	Index Copernicus, Google Scholar, Scope M ED	2012; 1(1):28-34 International
24	A study of oxidative stress in relation with antioxidant status in chronic bronchitis.	Dr. Anita M. Raut, Dr.AN. Suryakar, Dr. Dilip Mhaisekar	International Journal of Biomedical Research.	Google Scholar, Index Copernicus, PBN	2012;3(7):331-333 International
25	Study of glutathione metabolism, oxidative stress and the effect of vitamin E supplementation in chronic obstructive pulmonary disease(COPD).	Dr. Anita M. Raut, Dr.A N. Suryakar, Dr. Dilip Mhaisekar	International Journal of Biomedical Research.	Google Scholar, Index Copernicus, PBN	2012 ;3(7):322-326 International
26	Effect of oral antioxidant trial as an adjunct therapy on essential micronutrient in severe acute malnutrition.	Ghone RA, Suryakar AN, Kulhalli PM, Padalkar RK, Karnik AC,Bhagat SS, Patil SM, Menon PG.	The Antiseptic.	Indian Medical Journals	2013;Oct.,110 (10): 475-477. National

27	Study of iron status & free radical activity in plasmodium falciparum & plasmodium vivax malaria patients.	Sangita M Patil, Ramchandra K Padalkar, Ashok V Shinde	Journal Of Advance Research in Biological Sciences	Index Copernicus, P o l a nd, Research Gate USA, Google Scholar	2013; 5(1):1-4. National
28	A study of oxidative stress biomarkers and effect of oral antioxidant supplementation in severe acute malnutrition.	Rahul A. Ghone, AN. Suryakar, P. M. Kulhalli, Sonali S. Bhagat, RK Padalkar, Aarti C. Karnik, Prakash S. Hundekar, D. A. Sangle.	Journal Of Clinical and Diagnostic Research.	PubMed, PMC, Index Copernicus, DOAJ	2013; Oct., 7(10): 2146-2148 National
29	Study of paraoxonase 1 (PON1) activity as an independent risk factor in coronary artery disease.	S.M Patil, M. P Bankar, R. K Padalkar, A.P Phatak, s. Ghodke, A. Phatake, S. S Bhagat, R. A Ghone.	National Journal of Laboratory Medicine.	Google Scholar, Index Copernicus	2013; August, 2(2):1-6. National
30	Study of serum adenosine deaminase activity an immuno enzyme marker and it's association with gold standard enzymatic biomarkers in acute stage of coronary heart disease.	S.M Patil, M. P Bankar, R. K Padalkar, A.P Phatak, s. Ghodke, A. Phatake, S. S Bhagat, R. A Ghone.	The Antiseptic	Indian Medical Journals	2013; Sep., 110 (9): 426-430 National
31	Study of lipid peroxidation product sulphhydryl proteins (-SH) & antioxidant status in smokers.	Anita M. Raut, A N. Suryakar, Dilip Mhaisekar	Inter. J. Cur. Res. & Rev.	Scope Med, Google Scholar, Index Copernicus	2013; Sept., 5 (18): 15-20 International
32	The clinical assessment of ischemia modified albumin and troponin I in the early diagnosis of the acute coronary syndrome.	S M Patil, M P Bankar, R K Padalkar, A P Phatak, S S Bhagat, R A Ghone, A B Phatke.	Journal Of Clinical and Diagnostic Research.	PubMed, PMC, Index Copernicus, DOAJ	2013; May, 7(5):804-808 National
33	Attenuation of serum ferritin and iron burden by intake of antioxidants in beta thalassemia major.	Sonali S. Bhagat, Purnima Dey Sarkar, Adinath N. Suryakar, Ramchandra K. Padalkar, Rahul A. Ghone, Sangita M. Patil	Indian J. Physiol Pharmacol.	Index Medicus, PubMed, MEDLLINE	2013; 57(2): 189-194 National

34	Study of nitrosative stress and role of glutathione redox system in smokers.	Dr. Anita M. Raut, Dr. AN. Suryakar, Dr Smita D Mhaisekar, Dr. Dilip Mhaisekar	Scholars Journal Applied Medical Sciences	Google Scholar, Index Copernicus, DOASR	2013;1(5):380-383 National
35	Role of α – 1 antitrypsin & antioxidative stress in emphyema.	Dr. Anita M. Raut, Dr.A N. Suryakar, Dr.Smita D.Mhaisekar, Dr. Dilip Mhaisekar	Int. J. Med.Res.Heal th Sci.	Google Scholar, Index Copernicus, Scopus eMed	2013;April-June,2(2):206-211 International
36	A study of oxidative stress, thiol proteins and role of vitamin E supplementation in chronic obstructive pulmonary disease (COPD).	Anita M. Raut, Adinath N. Suryakar, Dilip Mhaisekar	AL. Ameen J. Med.Sci.	Cambridge Scientific Abstracts , Chemical Abstracts DOAJ, EBSCO	2013;6(2):134-137 National
37	Study of neuron specific enolase as potential biomarker for assessing the severity and outcome in patients with cerebrovascular accidents.	Dr. Padalkar Ramchandra K.,Ms. Patil Sangita Dr. Bhagat Sonali , Mr. Ghone Rahul , Dr. Andure Dhananjay	Global Journal of Medical Research	Indexed	2014; 14(3):9-13 National
38	Airway antioxidant capacity in adenosine – signaling pulmonary fibrosis in lung disease patient.	Dr. Anita M. Raut, Dr. A.N. Suryakar, Dr. Mrs. Smita D. Mhaisekar, Dr. Dilip Mhaisekar	VIMS Health Science Journal	Google Scholar, Index Copernicus, Indian Science Scientific world index	2014; June,1(2):6-9 National
39	The study of possible association of homocysteine-induced oxidative stress and neuropsychiatric disorders.	Ms. Ghodake Santoshi S, Dr. Suryakar Adinath, N, Mrs. Pingle Sangita , Dr. Padalkar Ramchandra, K	International Journal of Current Research	Google Scholar, Index Copernicus, IC M JE	2014; May,6(5):6756-6760 International
40	Effect of oral therapeutic supplementation of antioxidants on immune system and antioxidative stress in severe acute malnutrition.	Ghone R A, Suryakar A N, Sangle DA, Padalkar RK, Karnik AC, Bhagat SS, Patil S M, Hundekar PS.	The Antiseptic.	Indian Medical Journals	2014; April,111(4):163-166 National

41	Study of plasma fibrin D- Dimer as marker of fibrinolysis and high sensitive C-reactive protein (hs-CRP) as potential inflammatory marker in acute stage of coronary heart diseases.	Sangita M. Patil , Mangesh P. Bankar, Ramchandra K. Padalkar , Abhijit P. Pathak, Shital S. Ghodke, Sonali S. Bhagat , Rahul A. Ghone	Journal of Indian College of Cardiology	Scopus, Science Direct, Mendeley	2014;14; 4:8-13 National
42	A study of magnesium concentration as a novel predictor in patients with non insulin dependent diabetic nephropathy.	Dr.P.V. Satyanarayan a, Dr. S. S. Bhagat, Dr. R.K. Padalkar, S. M. Patil, R. A. Ghone	European Journal of Biomedical and pharmaceutic al sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2015; 2(5);607-612 International
43	Study of pseudo cholinesterase as a new potential diagnostic biomarker of organophosphorous poisoning in intensive care management.	Dr. P.V. Satyanarayan a, Dr. S. S. Bhagat, Dr. Padalkar R. K., S M Patil, R. A. Ghone	European Journal of Biomedical and pharmaceutic al sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2015 ;2(5);613-620 International
44	To study the clinical attachment level (CAL) russel periodontal index (RPI) and oral hygienic index (OHI) in periodontal disease subjects and smokeless tobacco users.	Dr. Miss. Rujuta D Mhaisekar, Dr. Mrs. Anita M.Raut, Dr .Hiral Patel , Dr .Dilip Mhaisekar, Dr .Mrs. Smita D. Mhaisekar	European Journal of Biomedical and pharmaceutic al sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2015 ;2(4);393-405 International
45	The effect of carbohydrate, proteins and lipids on periodontium.	Dr. Mrs. Anita M.Raut Dr. Amit M Mani, Dr .Dilip Mhaisekar, Dr .Mrs. Smita D. Mhaisekar, Dr .Hiral Patel Dr. Miss. Rujuta D Mhaisekar	VIMS Health Science Journal.	Google Scholar, Index Copernicus, Indi a nScience	2015 ;2(4);Dec. 157-162 National

46	Assessment cell mediated immune response in coronary heart diseases using serum Adenosine Deaminase Activity.	Sangita M Patil, Mangesh P. Bankar, Ramchandra K. Padalkar , Abhijit P. Pathak, Shital S. Ghodke, Sonali S. Bhagat , Rahul A. Ghone, D V Andure	European Journal of Biomedical and pharmaceutical sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2016 ;3(2);153-158 International
47	Immunization with Wuchereria bancrofti Glutathione-S-transferase Elicits a Mixed Th1/Th2 Type of Protective Immune Response Against Filarial Infection in Mastomys	Dhananjay Andure Kiran Pote Vishal Khatri Nitin Amdare Ramchandra Padalkar Maryada Venkata Rami Reddy	Ind J Clin Biochem	PubMed, EBSCO, Directory of Open Access Journals (DOAJ)	2016, Feb., 10.1007/s12291-016-0556-423-430 National
48	The study of serum adenosine deaminase activity as an immunoenzyme marker in type 2 diabetes mellitus patients	Ramchandra K Padalkar , Sangita M. Patil , Sonali S. Bhagat , Rahul A Ghone , Dhananjay V. Andure	European Journal of Biomedical and pharmaceutical sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2016 , July, 3(8)214-217 International
49	To Correlate the association of markers of chronic renal failure in patients with and without haemodialysis	Dr. Dhananjay V. Andure, Dr. Mrs Anita M. Raut, Dr. R.K. Padalkar , Miss Patil S.M.	Scholars journal of Applied Medical Sciences	Genamics, Google Scholar, ICI, Index Copernicus	2016, July, 4(7A) : 2312-2317 International
50	To study an alteration in biochemical parameters in acute and chronic phase of respiratory acidosis and alkalosis	Anita M. Raut , D.V. Andure , Dilip Mhaisekar, Smita . Mhaisekar, R.K. Padalkar	International Journal of Clinical Biochemistry & Research	Google Scholar, Index Copernicus, ICMJE	2016: 3(3): 280-284 International
51	A Study of a possible view vaccine candidate rwblz in Lymphatic Filoriosis in mastomys : An animal study.	Dr. Dhananjay V. Andure, Dr. R. K. Padalkar Dr. Mrs Anita M. Raut, Miss Patil S.M.	VIMS Health Science Journal.	Google Scholar, Index Copernicus, Indian Science	2016 ; Dec. 3(4), 155-162 National

52	The Impact of Serum Uric Acid and Vitamin D on Essential Hypertension	Ramchandra K Padalkar , Sangita M. Patil , Sonali S. Bhagat , Rahul A Ghone, Dhananjay V. Andure	Journal of Practical Biochemistry and Biophysics	Index Copernicus	January – June 2016, 1:1 35-39 National
53	A Study of Oxidative Stress and Attenuation of Total Antioxidant Capacity in Severe Acute Malnutrition.	Rahul A Ghone, AN Suryakar, R K Padalkar, DA Sangle, AC Karnik, P S Hundekar, SM Patil, S S Bhagat	International Journal of Education and Research in Health Sciences	Index Copernicus	July- September 2016;2(3):36-39 International
54	Comparative Study of potential diagnostic biomarkers in myocardial infraction with survival and mycardial infraction without survival	Sangita M. Patil , Mangesh. P. Bankar, Ramchandra K. Padalkar	Indian Journal of Medical Biochemistry	Index Copernicus	Dec. 2017 21(2) 106-111 National
55	Study of Hormone and Lidid profile in Polycystic Ovarian Syndrome Women between the age 18 to 30 Years.	Ramchandra K. Padalkar, Sangita M Patil, Dhananjay V Andure, Sonali S. Bhagat, Anita M Raut	Journal of practical Biochemistry and Biophysics	Index Copernicus	2017 : 2(1) : 11-15 National
56	Liver enzymes in patientswith chronic kidney diseases undergoing hemodialysis.	Dr. Tera Aruna Kumari, Dr. Sonali S. Bhagat, Dr. P. V. Satyanarayan a.	VIMS Health Science Journal	Index Copernicus	2017: 4(1):7-9 National
57	Diagnostic Importance of Creatine Kinase MB-Isoenzyme in chronic Hemodialysis.	Dr. Tera Aruna Kumari, Dr. Sonali S. Bhagat, Dr. P. V. Satyanarayan a	VIMS Health Science Journal	Index Copernicus	2017: Sep. 4 (3) 130-132 National
58	Benefits of vitamin E supplementation on oxidative stress and Hemopoitic system in Thalassemia Major	Padalkar R. K., Bhagat S. S., Andure D. V., Patil S. M., Raut A. M.	The Antiseptic	Ind Med	Vol 115 Sep. 2018, 23-26 National

59	Association of tumor necrosis factor-alpha G-308 a polymorphism with inflammatory markers and lipid profile in coronary heart disease	Sangita Mahadev Patil, Mangesh P Bankar, Ramchandra K Padalkar.	International Journal of Medical Biochemistry	EBSCOhost,DOAJ,TUBITAK TR INDEX	2018;1(3):99-105 International
60	Roll of Ischemia Modified Albumin as a New Potential Biomarker in Cerebrovascular Stroke	Sangita Mahadev Patil, Ramchandra K Padalkar, Marcia Waran, Sonali S. Bhagat, Dhananjay V Andure, Anita M. Raut	The Antiseptic	Ind Med	Vol 115 Sep. 2018, 17-20 National
61	A study of interaction of cigarette smoke with alpha-1 antitrypsin and adenosinedeamina se in patients of chronic obstructive pulmonary diseases (COPD) and antioxidant role of vitamin E	Anita M. Raut, Dhananjay V Andure, Ramchandra K. Padalkar, Sangita M. Patil, Sonali S. Bhagat	International Journal of Clinical Biochemistry and Research	Copernicus, google scholar	2018;5(4):521-525 International
62	Evaluation Of Therapeutic Role Of Filarial Antigens On The Development Of Type 1 Diabetes	Manjusha Hivre, Sameer Khan, Dhananjay Andure	Indian Journal Of Research	Copernicus	Vol-7 Issue-6 June-2018 page 16-19 National
63	Assesment of Serum Iron,TIBC and Ferritin in patients with Cardiovascular Diseases Among Rural Population Biomedicine	Vanaja R , Sarguru Datchanamurt hi, Ilanchezhian , Rajini Samuel, Balaji Rajagopalan, Sridhar RV	Biomedicine	Scopus	2018 May 38(2) 225-228 National
64	Good Clinical laboratory Practice : Eminence Challenge in Clinical Laboratory	Sangita M. Patil	International Journal of Education and Research in health Sciences	Index Copernicus	2018 Oct-Dec.2018; 1(4) : 123-124 International

65	A study of interaction of cigarette smoke with thiol(SH) group of sulthydryl proteins in smokers	Anita M. Raut, Dhananjay V Andure, Ramchandra K. Padalkar, Sangita M. Patil, Sonali S. Bhagat	International Journal of Clinical Biochemistry and Research	Copernicus, google scholar	2019, Jan-March, ;6(1): page 25-28 Inernational
66	Study of serum Calcium Vitamin D as Bone Markers with other biochemical Parameters in Childhood Nephrotic Syndrome	Padalkar R. K.,Patil S. M.,Andure D. V., Bhagat S. S., Raut A. M., U. R. Dravid	Journal of Biochemistry and Biophysics	Index Copernicus	Vol-4 Issue-1 June-2019 page 21-24 National
67	Zebra Fish as a Cancer Model	Sarguru, Datchinamurt hi, Ilanchezhian. T, Vanaja, Balaji Rajagopalan	Int. J. Pharm. Sci. Rev. Res	Scopus	Vol-2 Issue-54 Jan-2019 page 104-108 International
68	The study of serum Tumor necrosis factor alpha and adiponectin level as diagnostic markers in obese patients	Patil S. M.,Padalkar R. K.Andure D. V., Bhagat S. S., Raut A. M., U. R. Dravid	Journal of Biochemistry and molecular medicine	Index Copernicus	Vol-1 Issue-2 Jan-2020 page 71-74 National
69	Study of Ischemia modified Albumin As new potential diagnostic Biomarker in Acute Myocardial infraction	Dr.Andure D. V., Dr.Patil S. M., Dr. Mangesh P., Dr.Padalkar R. K., Dr. Abhijit Pathak	VIMS Health Sciences Journal	Coopernicus	Vol-2 Issue-7 Jan-2020 , page 41-46 National

70	Comparision of alkaline phosphatase & Acid Phosphatase levels in saliva & Serum of-periodontitis.	Mrs. U. R. Dravid, Dr. S. M. Pawar	The Antiseptic	Ind Med	Vol-117, Issue-4 April 2020 , page 9-11 National
71	Salivary & serum levels of Alanine Aminotranferase & Asparatate - Aminotransferase in patients with periodontitis	Mrs. U. R. Dravid, Dr. S. M. Pawar	The Antiseptic	Ind Med	Vol-117, Issue-3 March 2020 , page 25-28 National
72	Nitric Oxide Signalling & Oxidative Stress in patients with infectious Diseases.	Dr.Anita M. Raut , Dr.Andure D. V., Dr.Patil S.M., Dr.Bhagat S. S., Mrs.U. R. Dravid	VIMS Health Sciences Journal	Coopernicus	Vol-7, Issue-1 March 2020 , page 10-12 National
73	Alterration in serum zinc and copper concentrations and effect of oral therapeutic supplementation of zinc on trasfusion dependent beta thelasmia major patients.	Ghone R. A., Ghodake S. S., Bhagat S.S., Karnik A.C.	International Journal of Clinical Biomedical Research	Index Copernicus	2020;6(2);10-12 International
74	Attenuation of iron overload and antioxidants supplementation on oxidative stress in homozygous beta thalassemia	Ghone R. A., Bhagat S.S., Karnik A.C.	International Journal of Clinical Biomedical Research	Index Copernicus	2020;6(2);21-24 International
75	Comparison of Friedewald's Formula, Modified Friedewald's Formulaand Anandaraja's Formula with direct homogenous serum LDL cholesterol method in CHD patients	Brindha Devi P. , Ilanchezhian T., Sarguru D. , Ayyappan S. , Karnaboopath y R. ,Aarti Karnik , Saddam Hussain A.	International Journal of Research in Medical Sciences	Index Copernicus	2020 Aug;8(8) International
76	Study of correlation between the paraoxonase 1 (PON1) activity and lipid profile in various types of coronary heart diseases.	Sangita M. Patil, Mangesh P .Bankar	Indian Journal of medical Biochemistry	Index Copernicus	2021 May Aug.vol. 25(2) pages No. 66-70 National

77	Comparative study of HbA1c and superoxide dismutase in type II diabetes mellitus in Jalgaon district	Pravin Kumar Sonawane, SB Gaikwad, Anshula G and Banker M	International Journal of Advanced Biochemistry Research	Index Copernicus	2021; 5(1): 39-41 International
78	Assessment of Level of Serum Uric Acid and Oxidative Stress Along with HBA1C in Patients with Type II Diabetes Mellitus	Pravinkumar L. Sonawane, Sarguru Datchanamurthi, Abhay P. Jagtap	Int. J. Pharm. Sci. Rev. Res.,	Index Copernicus	Nov-Dec. 2022 Article No.-19 Page No. 123-126 International
79	Altered redox potential (GSH/GSSG) dependent glutathione metabolism in relation to vitamin C in COPD and bronchial asthma.	Dr. Anita M. Raut, Dr.Sonali Bhagat , D.V. Andure, Dr. Rahul A. Ghone Dr. Sangita M. Patil	Journal of Xidian University	Scopus, Index Copernicus	2023;17 (12);412-422 International
80	Comparative study of D-Dimer and Hs-CRP as Biomarkers in various types of coronary Heart Diseases	Sangita M.Patil	RFP Journal of Biochemistry and Biophysics	Copernicus	2023;8(1):09-15 National
81	To study selective reactivity, cytotoxic effect of NO•. molecule with alteration in Total Antioxidant Capacity in Asthama and COPD.	Dr. Anita M. Raut, Dr.Rahul A. Ghone Dr. Sonali Bhagat , D.V. Andure, Dr. Sangita M. Patil	Journal of Xidian University	Scopus, Index Copernicus	2023;17 (12);423-434 International
82	Effect of α - tocopherol supplementation on oxidative upset in homozygous beta thalassemia	Dr.Sonali Bhagat Dr. Dr.Rahul A. Ghone , , Anita M. Raut, D.V. Andure, Dr. Sangita M. Patil	Journal of Xidian University	Scopus, Index Copernicus	2023;17 (12);475-486 International
83	Salivary Enzymes as biomarkers for treatment of patients with periodontitis: A follow- up study	Urmila Dravid	IJPSR E-ISSN : 0975-8232	Google, Google scholar, Index Copernicus	(2023), Volume 14, Issue 9 International
84	Salivary Enzymes as Diagnostic Biomarkers in Generalized Periodontitis: A Follow Study	Dr.Urmila R. Dravid	Journal of Xidian University ISSN No:1001-2400	Scopus, Google, Google scholar, Index Copernicus	Volume 17, Issue 12, 2023 International

85	Diagnostic Performance of Cardiac Biomarkers Such As Serum Ischemia Modified Albumin, Troponin I And Creatine Kinase-MB In Various Types Of Coronary Heart Disease	Dr.Sangita. M. Patil	Journal of Xidian University ISSN No:1001-2400	Scopus, Google, Google scholar, Index Copernicus	Volume 17, Issue 12, 2023 International
86	Study of Glycated Hemoglobin and Insulin Resistance in type 2 diabetes	Pravinkumar L. Sonawane	Journal of Xidian University ISSN No:1001-2400	Scopus, Google, Google scholar, Index Copernicus	Volume 17, Issue 12, 2023 International
87	Effect of Google form-based MCQ tests for formative assessment in medical biochemistry education	Dr. Ramchandra K Padalkar Simran shaikh	Journal of Education and Health Promotion	Scopus, Index Copernicus	2024:13 (7) 1-7 National
88	The Study of Inteleukin-6 as New Potential inflammatory Biomarker In Cerebrovascular Stroke: A case control study	Dr.Sangita M Patil, Dr.Sonali Bhagat Dr. Ramchandra K Padalkar Dr. D.V. Andure ,DrAnita M. Raut Ms. Soumya V.p	Journal of Xidian University	Scopus, Index Copernicus	2024:18(8) 394-402 International
89	Study of fetuin -A and insulin resistance along with Hb A 1c in type 2 diabetes.	Mr.Pravinkumar .L Sonawane Dr. Ramchandra K Padalkar Dr. D.V. Andure, Dr.Rahul A. Ghone Dr. Sangita M. Patil	NeuroQuantology Nov-2025	Embase	2025:23 VOLUME (11)167-170 International
90	Study of the De Ritis Ratio and Albumin :Globulin (A:G) Ratio in patients with Liver Diseases	Dr.Sangita M Patil, Dr. D.V. Andure ,Dr. Ramchandra K Padalkar, Dr.Sonali Bhagat, Pravin Sonawane,Sudha rshan Jadhav	WIMJOURNAL	Scopus, Index Copernicus	Volume 12, Issue 2.2025 International
91	NADPH oxidase -driven oxidative stress and the interplay	Anita M. Raut, Nilesh V. kodre	International Journal of Clinical & Biomedical Research	EMABASC	Volume 1, Issue 1.2026 International

92	The key role of vitamin E supplementation on secondary Iron overload and the oxidative hassle in transfusion dependant beta thalassemia major children	Dwivedi Ankita ¹ , Ghone Rahul ² , Bhagat Sonali ³	International Journal of Clinical & Biomedical Research	Scopus, Index Copernicus	Vol 11, Issue 1,47-50 2026, International
93	The Association of Pro-inflammatory Cytokines as a Significant Predictors of Knee Osteoarthritis Pathogenesis	Dwivedi Ankita ¹ , Ghone Rahul ² , Bhagat Sonali ³	International Journal of Clinical & Biomedical Research	Scopus, Index Copernicus	Vol 11, Issue 1, 51-56, 2026 International
94	Dysfunction In Hypothalamic Signaling Contributes To Abnormal Appetite Control And Weight Gain : Study In Phase I Mbbs As Risk Factor For Obesity And Cardiac Diseases.	Anita M. Raut, Nilesh V. kodre D.V.Andure	Journal of cardiovascular Disease Research	EMABASC	Vol 17, ISSUE 5,20-30,2026 International

POSTER AND PAPER PRESENTED IN CONFERENCE

Sr No	Name of Faculty /UG/PG students	Paper/ poster	Title of Paper/ poster	Place of Conference	Date
1	Dr. R.K. Padalkar	Poster	Serum levels of trace elements in patients with Psychiatric Disorders	Kolkata	12 th to 14 th December 1997.
2	Dr. R.K. Padalkar	Poster	Biochemical action of Phototherapy in Neonatal hyperbilirubinemia	Pune	23 rd November 2006
3	Dr. R.K. Padalkar	Poster	The Pattern of Serum Bilirubin Level & comparison of Effectiveness of Phototherapy and Blood Exchange Transfusion in Neonatal Hyperbilirubinemia	Latur	30 th and 31 st Jan.2006
4	Dr.S.S. Bhagat	Poster	Study of oxidative stress and antioxidant disturbance in colorectal cancer	Mumbai ,	11-15 Dec 2010.
5	Dr.Raut A.M.	Poster	Effect exogenous Vitamin E Supplementation on oxidative stress and Glutathione Redox cycle in lung Disorders	Mumbai	11-15 Dec 2010
6	Mrs.S.M. Patil	Poster	Ischemia modified albumin Novel biomaker in acute coronary syndrome	Gwalior	2 to 6 Dec.2011
7	Dr.S.S. Bhagat	Poster	Study of Oxidative Stress and Antioxidant Balance in Beta Thalassemia Major.	Gwalior	2 to 6 Dec.2011
8	Mrs.S.M. Patil	Poster	study of troponinI and Ischemia modified albumin in acute coronary syndrome	Pune	2012
9	Mrs. Dravid U.R.	Poster	Comparison of Alkaline phosphatase & Acid phosphatase levels in Saliva & serum of	Kolhapur	27-29 Feb.2020

			peridontitis		
10	Dr. D.V. Andure	Poster	Comparison of students performance by Assessment through OSPE versus the conventional method for phase I MBBS students in the subject of Biochemistry	Mumbai	12 th Nov. 2021
11	Dr. R.K. Padalkar	Paper	Serum levels of trace elements in patients with Psychiatric Disorders.	Kolkata	12 th to 14 th Dec. 1997
12	Dr. R.K. Padalkar	Paper	Serum Nitric Oxide and Trace elements in Pregnancy.	Nagpur	11 th to 14 th Jan.2001
13	Dr. R.K. Padalkar	Paper	Iron Homeostasis in plasmodium vivax and plasmodium falciparum malaria patients.	Latur.	30 th and 31 st Jan.2006.
14	Dr. R.K. Padalkar	Paper	Biochemical action of Phototherapy in Neonatal hyperbilirubinemia	Pune	23 rd Nov. 2006
15	Dr. R.K. Padalkar	Paper	The Pattern of Serum Bilirubin Level & comparison of Effectiveness of Phototherapy and Blood Exchange Transfusion in Neonatal Hyperbilirubinemia	Latur	30 th and 31 st Jan.2006
16	Dr. R.K. Padalkar	Paper	Study of Antioxidant Enzymes of Seminal Plasma in association with mental stress subjects	Kochi, Kerla	6 th Nov. 2009.
17	Dr. D.V. Andure	Paper	Comparison of protective Efficacy of single and Cocktail vaccine of Wuchereria Bancrofti Glutathione -S- Transferase (GST) and WBL2 proteins in mastomys	Nagpur	11-13 Nov.2011
18	Dr. D.V. Andure	Paper	Comparison of protective efficacy of vaccines of	Sevagram	15Dec. 2012

			W.Bancrofti		
19	Dr. R.K. Padalkar	Paper	A study of biomarkers of oxidative stress: effect of oral antioxidant supplementation on the concentration of lipid peroxidation in cerebrovascular accidents.	KVIMSR Maduranthagam, Tamil Nadu.	January 4 th - 6 th 2013
20	Dr. R.K. Padalkar	Paper	Study of plasma high sensitive C- reactive protein as solitary inflammatory Markers in myocardial infarction.	New Delhi	3 rd -6 th Dec. 2013.
21	Dr. R.K. Padalkar	Paper	Utility of ischemia modified Albumin and cardiac Troponin I measurements for rapid evaluation and ruling out of stable angina.	PGI Chandigarh	Nov. 2015
22	Mr.SarguruD .	Paper	"Nanorobotics"	Pondicherry	23rd march 2012
23	Mr.SarguruD .	Paper	"Bimolecular structure Elucidation & Drug Design	Villupuram, Tamilnadu	12th jan 2011
24	Mr.SarguruD .	Paper	"Herbal Remedies & Health Management"	Cheyar, Tamilnadu	1st march 2012
25	Mr.SarguruD .	Paper	Study of 25-Oh Vitamin D and insulin resistance in obese adolescents	SRM Chennai	27 Feb 2015
26	Mr.SarguruD .	Paper	Study of 25-Oh Vitamin D and insulin resistance in obese adolescents	PGI Chandigarh	ACBICON 2015
27	Mr.SarguruD .	Paper	Study of Thyroid dysfunction in Diabetes mellitus	AIMS New Delhi	ACBICON 2013

BEST PRACTISES OF DEPARTMENT

1. CCL: We have got 24 x 7 running well equipped automated CCL Biochemistry which carry out large number of routine & special investigations on highly sophisticated instrument. Recently the NABL Accreditation has been done.
2. Mentorship Programme: To develop mentoring to optimised and educational experience and get acquainted to a new environment. This programme developed good rapport with the students which ultimately reflects as their success in every aspect of personal and professional life .
3. Development of organisational skills through extra-curricular activities like Essay Writing, Debates, Posters, Drama Competitions, Role Play etc.
4. Implementation of innovative Teaching techniques, Seminars, ECE, SGD etc
5. Discussion of Clinical case reports.
6. Regular formative assessments to improve competencies.
7. Go green efforts, we minimise the use of papers and we encourage to use scanners, e-mails to circulate regular notifications.

FUTURE PLANS OF THE DEPARTMENT

1. To introduce innovative methods of teaching
2. To improve staff students relationship so as to improve student morale
3. Encourage students to do research as well as publish papers
4. To start PG course like M.Sc. Medical Biochemistry
5. To get sanctioned project from funding agency.

CO-CURRICULAR ACTIVITIES

1. Participation of 3rd Maharashtra State Intercollegiate Biochemistry Quiz for I MBBS will be organised by the department of Biochemistry LTM Medical College Sion ,Mumbai
2. Students participated in state and National level sport activities (Pulse at AIIMS Delhi)

SPECIAL FEATURES OF DEPARTMENT

1. Excellent practical and research laboratory
2. Infrastructure and Ambience, Faculty quality and co-operation
3. The undergraduate students have achieved = 2012-13 year with 04 distinctions, in year 2013-14 with 08 distinctions & in year 2014-15 with 03 distinctions.
4. 24 X 7 well efficiency running CCL Biochemistry Lab.
5. We participated in External Quality Assurance scheme conducted by BIO- RAD .

UNIQUENESS OF DEPARTMENT

In Biochemistry it is crucial that the medical students should learn about the normal functioning of the body which deals with the process of converting nutritional materials into more useful and valuable bio molecules such as proteins, carbohydrates, lipids and nucleic acids. It also deals with molecular biology, the science of genes.

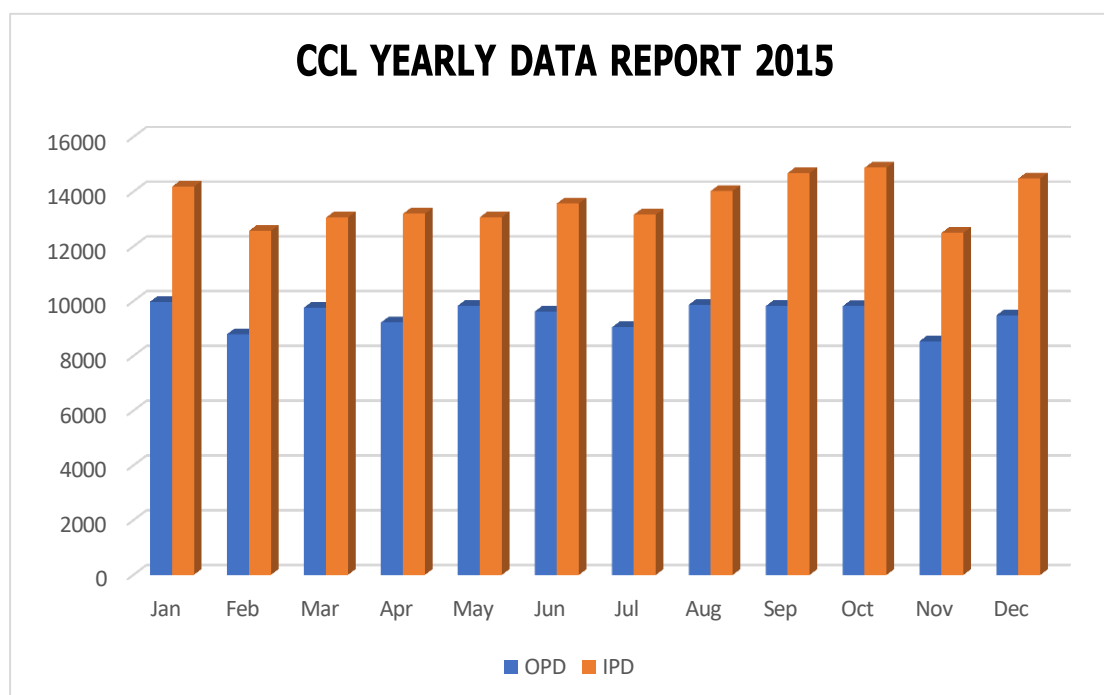
In addition, Biochemistry also deals with diagnostics and analytical sciences - biochemical investigations in blood and body fluids - a key factor in diagnosis and decision making for the physician. A automated platform linked to HIS enabled services is there for the biochemical diagnostics, that enables the treating clinician anywhere in the hospital to view the blood test results of the patients immediately.

The Biochemists have made important contributions in medical sciences over the years in terms of understanding pathophysiology of various diseases and inventing new diagnostic methodologies for better healthcare services.

CCL BIOCHEMISTRY OPD /IPD STATISTICS

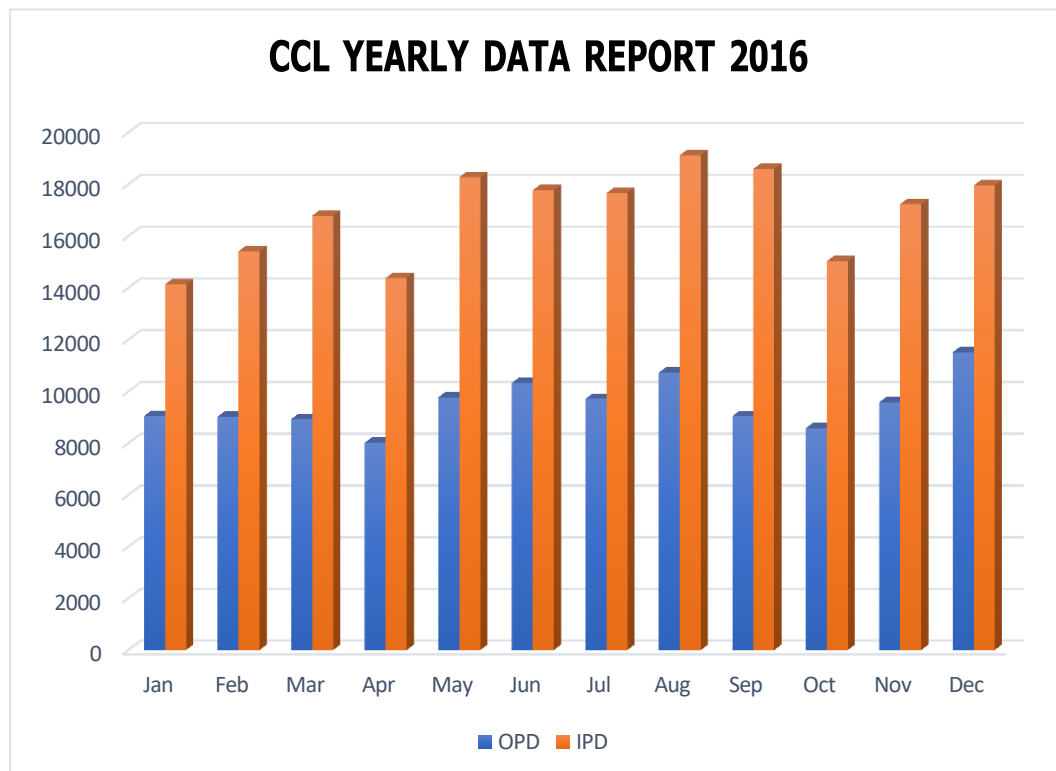
1. BIOCHEMISTRY CCL YEARLY DATA REPORT 2015

Month	OPD	IPD
Jan	9978	14180
Feb	8790	12567
Mar	9765	13052
Apr	9219	13191
May	9839	13068
Jun	9628	13571
Jul	9046	13160
Aug	9870	14026
Sep	9821	14682
Oct	9816	14875
Nov	8537	12496
Dec	9978	14180



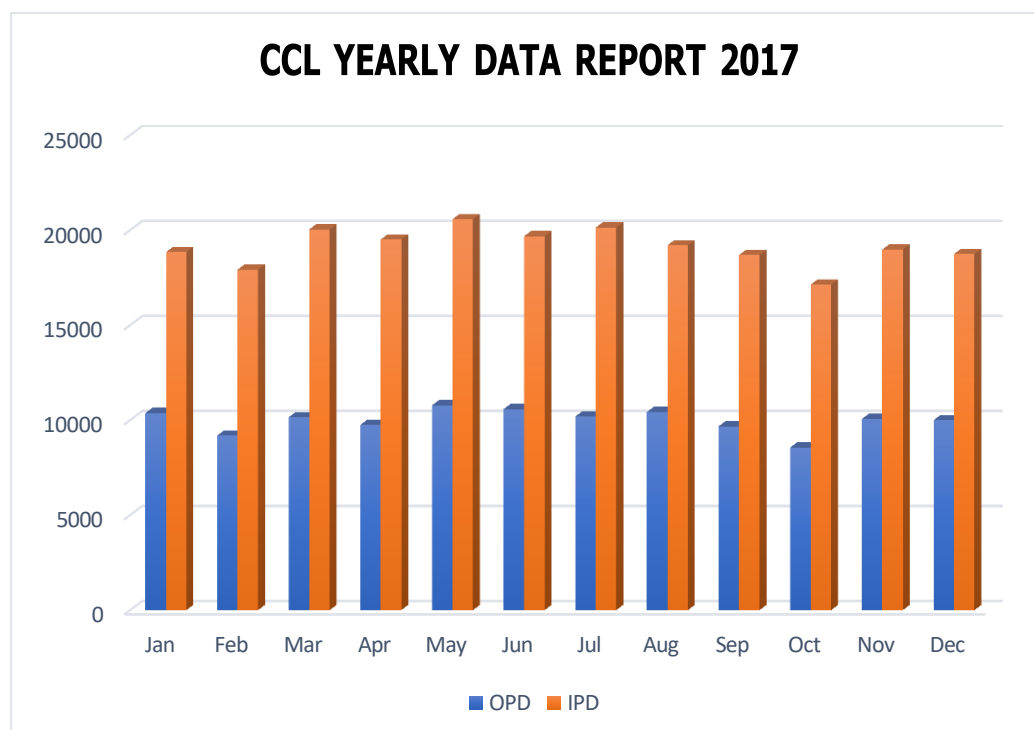
2. BIOCHEMISTRY CCL YEARLY DATA REPORT 2016

Month	OPD	IPD
Jan	9053	14139
Feb	9029	15417
Mar	8933	16787
Apr	8022	14384
May	9779	18276
Jun	10339	17774
Jul	9716	17659
Aug	10733	19124
Sep	9050	18593
Oct	8582	15034
Nov	9586	17238
Dec	11520	17957



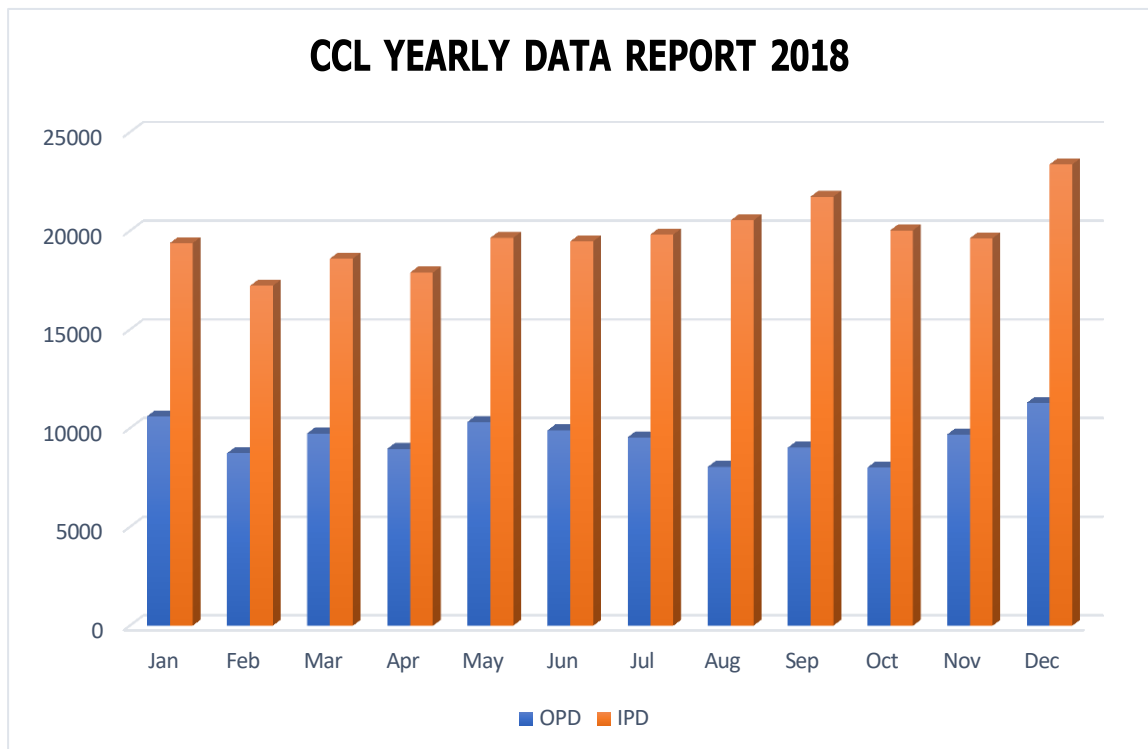
3. BIOCHEMISTRY CCL YEARLY DATA REPORT 2017

Month	OPD	IPD
Jan	10376	18844
Feb	9185	17921
Mar	10156	20040
Apr	9755	19512
May	10781	20577
Jun	10585	19684
Jul	10192	20140
Aug	10437	19204
Sep	9676	18693
Oct	8561	17140
Nov	10064	18984
Dec	9995	18745



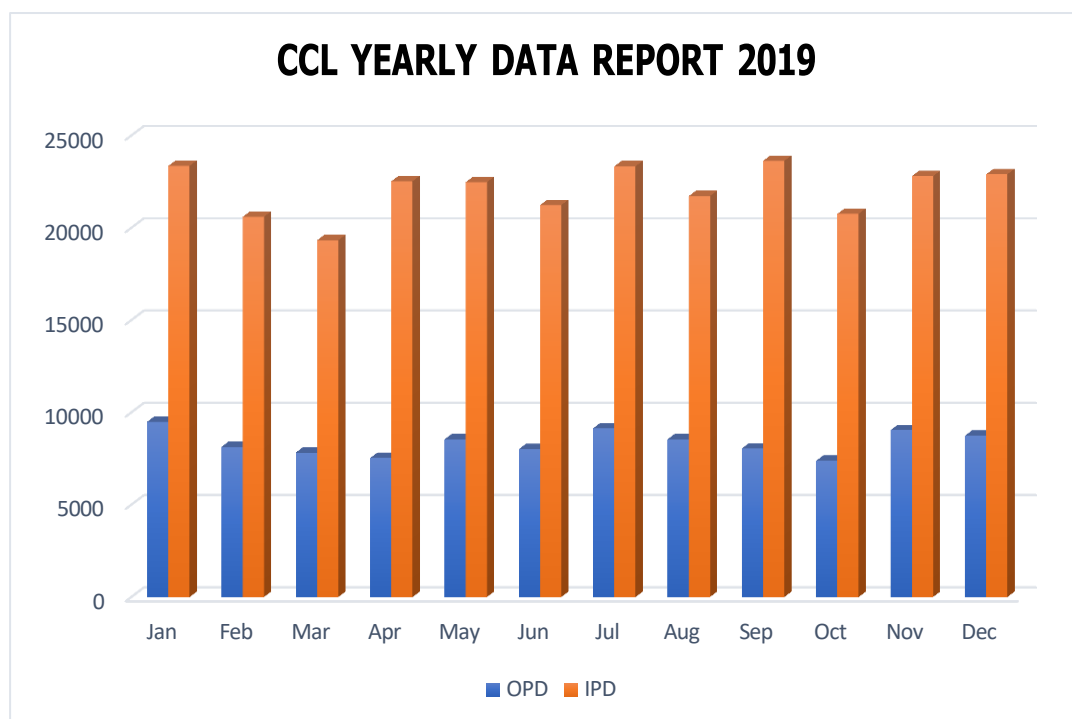
4. BIOCHEMISTRY CCL YEARLY DATA REPORT 2018

Month	OPD	IPD
Jan	10607	19384
Feb	8739	17219
Mar	9745	18604
Apr	8964	17894
May	10324	19649
Jun	9900	19479
Jul	9546	19827
Aug	8047	20535
Sep	9024	21740
Oct	8019	20034
Nov	9690	19633
Dec	11294	23373



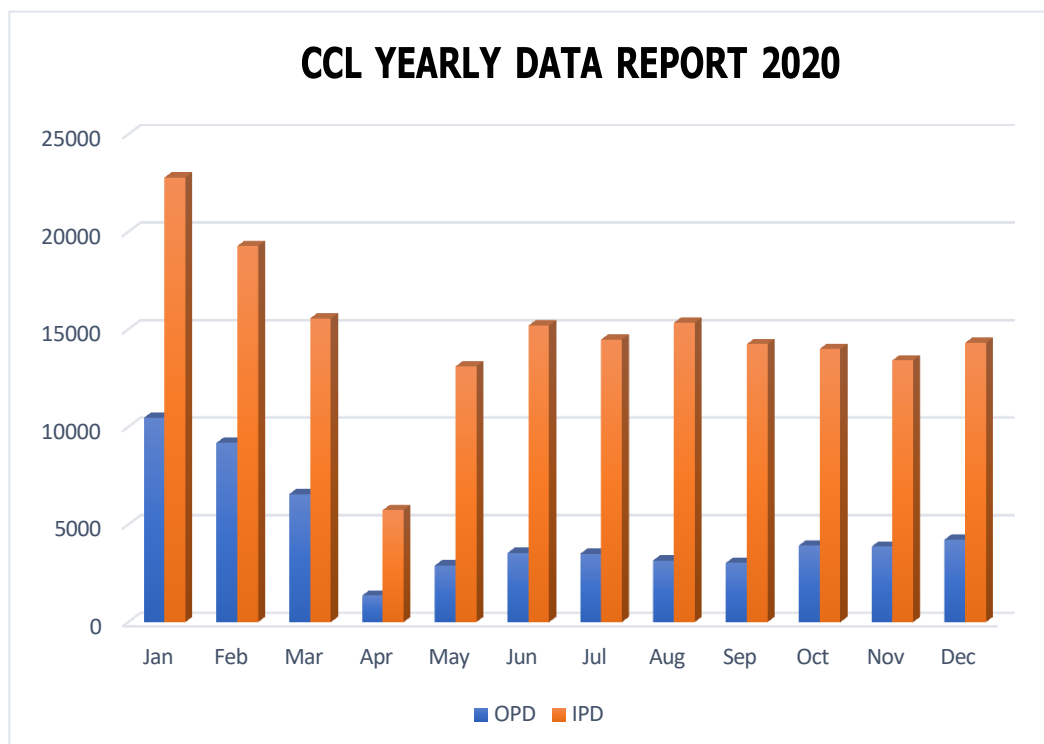
5. BIOCHEMISTRY CCL YEARLY DATA REPORT 2019

Month	OPD	IPD
Jan	9493	23359
Feb	8136	20597
Mar	7825	19325
Apr	7529	22525
May	8537	22472
Jun	8007	21228
Jul	9137	23332
Aug	8540	21716
Sep	8044	23626
Oct	7381	20760
Nov	9038	22799
Dec	8736	22898



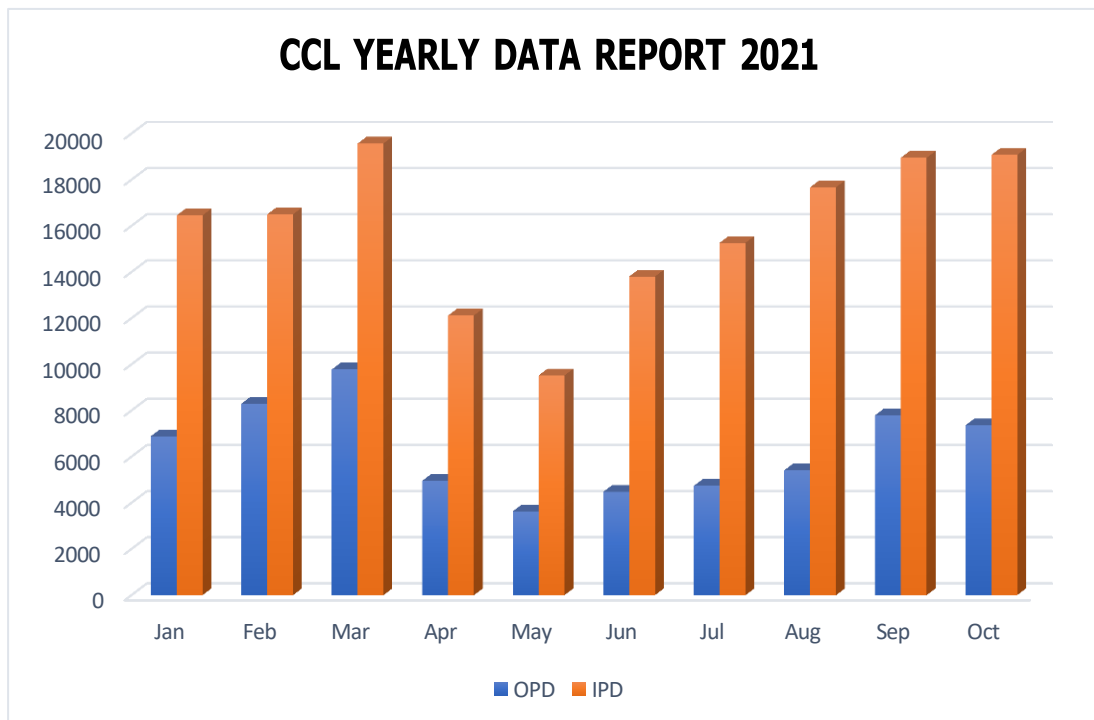
6. BIOCHEMISTRY CCL YEARLY DATA REPORT 2020

Month	OPD	IPD
Jan	10469	22794
Feb	9190	19273
Mar	6561	15564
Apr	1356	5741
May	2901	13106
Jun	3543	15197
Jul	3504	14481
Aug	3162	15343
Sep	3037	14246
Oct	3922	13997
Nov	3870	13415
Dec	4222	14314



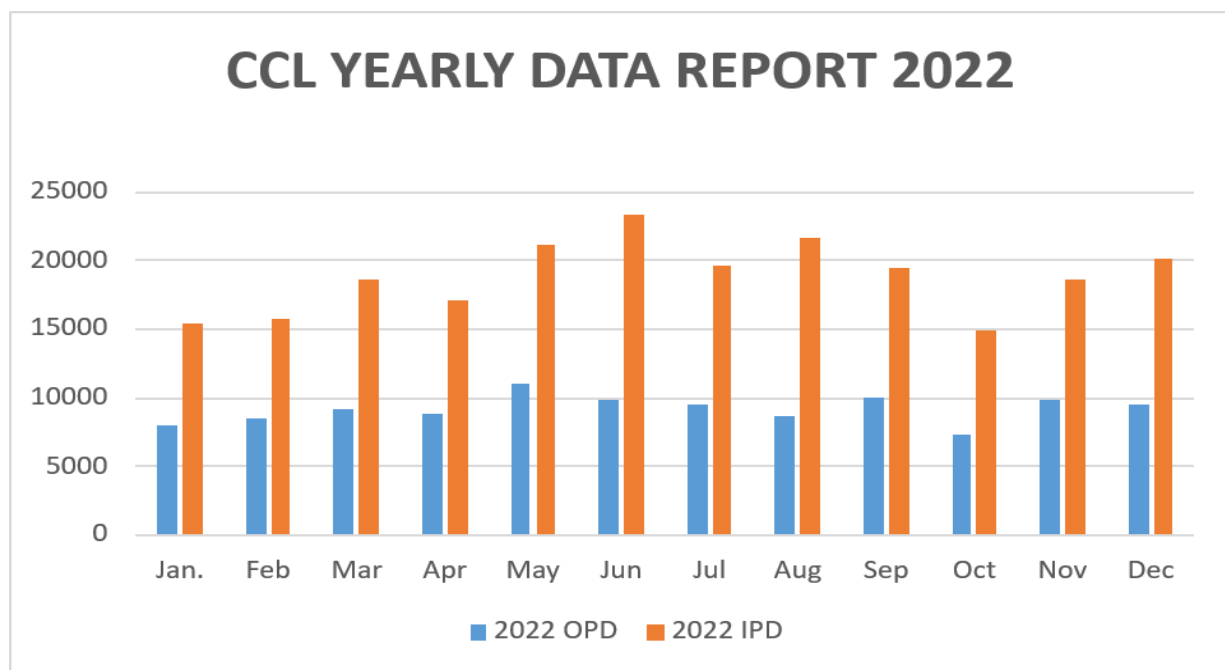
7. BIOCHEMISTRY CCL YEARLY DATA REPORT 2021

Month	OPD	IPD
Jan	6888	16456
Feb	8296	16501
Mar	9779	19571
Apr	4958	12119
May	3633	9521
Jun	4479	13807
Jul	4736	15268
Aug	5414	17677
Sep	7789	18952
Oct	7358	19074



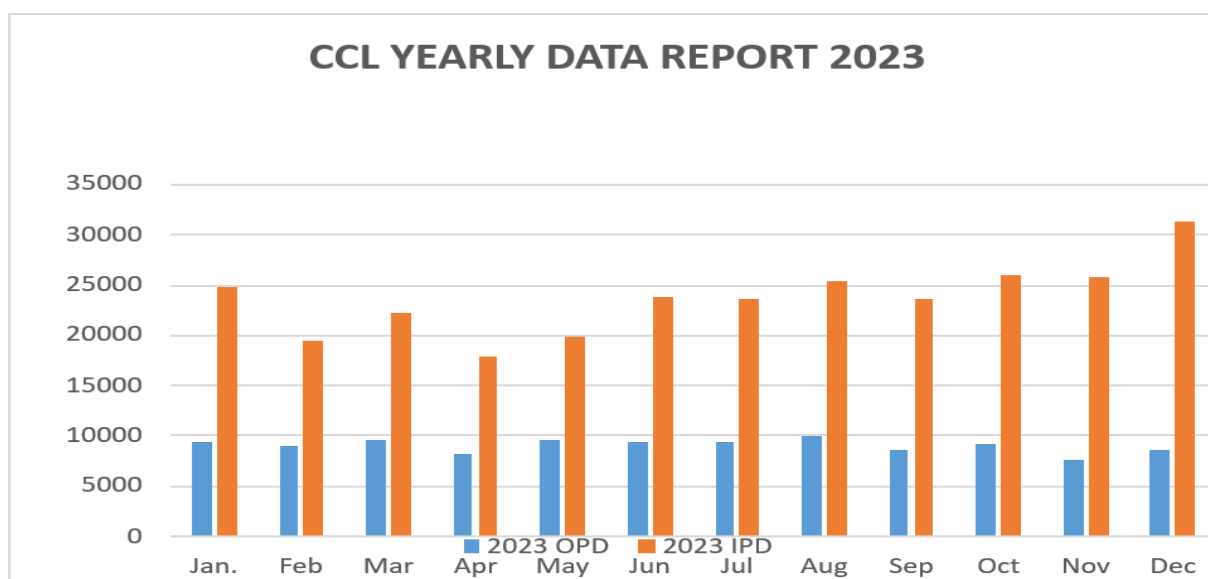
8.BIOCHEMISTRY CCL YEARLY DATA REPORT 2022

Months	2022	
	OPD	IPD
Jan.	7957	15343
Feb	8498	15756
Mar	9197	18600
Apr	8767	17040
May	10962	21181
Jun	9759	23286
Jul	9440	19663
Aug	8687	21599
Sep	9940	19398
Oct	7284	14920
Nov	9890	18646
Dec	9551	20135



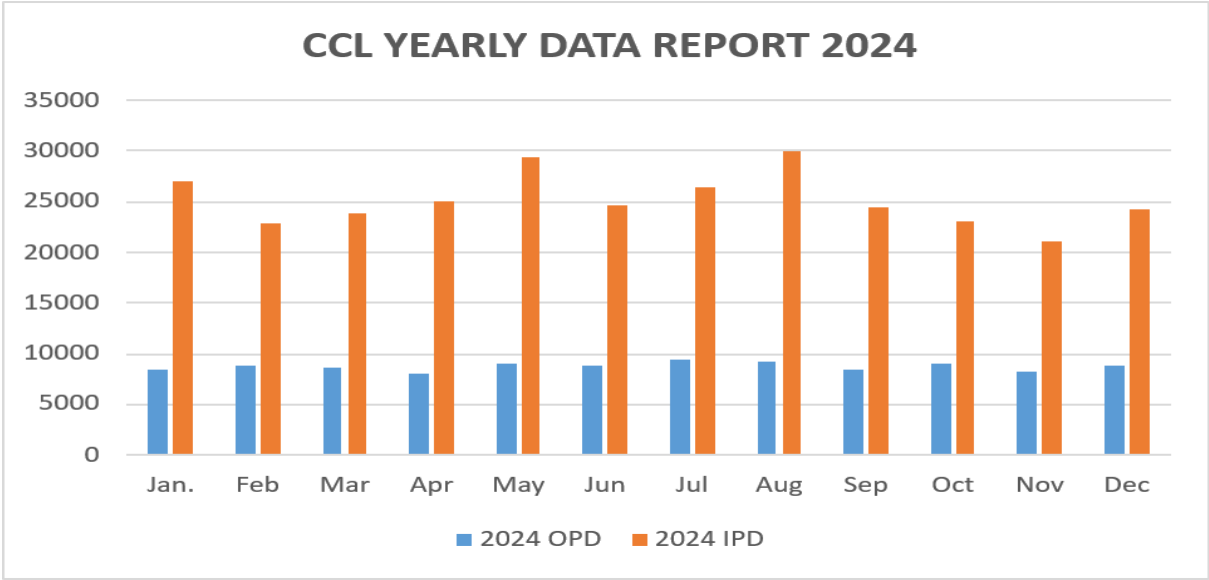
9.BIOCHEMISTRY CCL YEARLY DATA REPORT 2023

Months	2023	
	OPD	IPD
Jan.	9475	24869
Feb	9044	19528
Mar	9517	22170
Apr	8295	17892
May	9583	19827
Jun	9464	23746
Jul	9336	23599
Aug	9937	25375
Sep	8574	23690
Oct	9238	25954
Nov	7681	25727
Dec	8657	31323



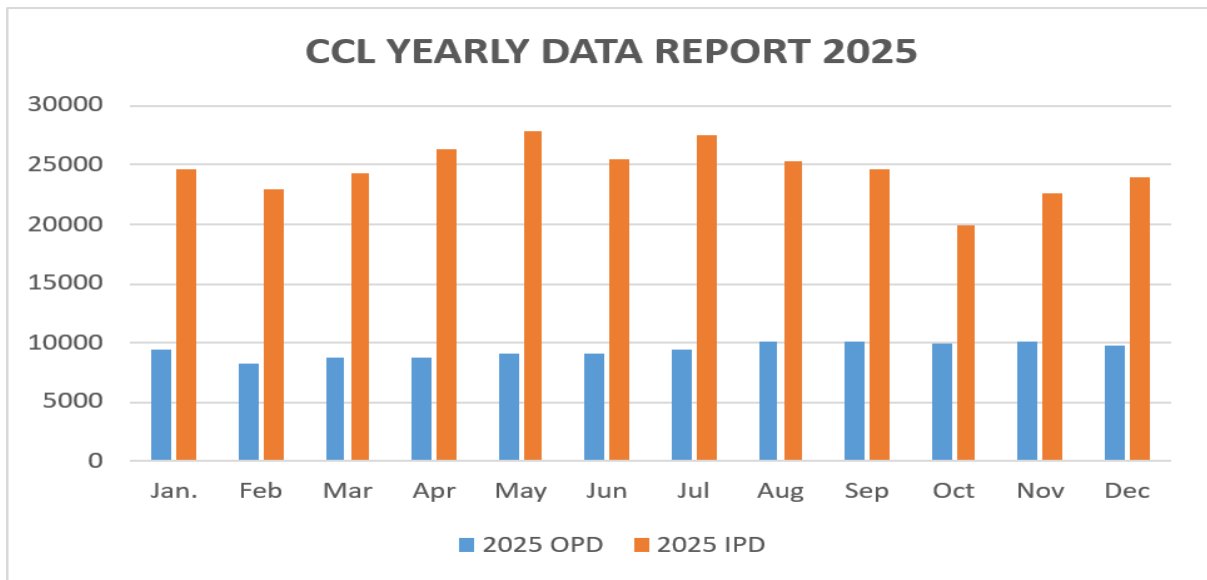
10.BIOCHEMISTRY CCL YEARLY DATA REPORT 2024

Months	2024	
	OPD	IPD
Jan.	8530	26991
Feb	8805	22973
Mar	8601	23828
Apr	8129	25138
May	9052	29420
Jun	8823	24614
Jul	9477	26406
Aug	9181	30033
Sep	8528	24529
Oct	9008	23106
Nov	8230	21178
Dec	8856	24215



11.BIOCHEMISTRY CCL YEARLY DATA REPORT 2025

Months	2025	
	OPD	IPD
Jan.	9368	24618
Feb	8284	22943
Mar	8741	24282
Apr	8696	26350
May	9011	27857
Jun	9131	25432
Jul	9441	27500
Aug	10035	25261
Sep	10122	24716
Oct	9968	19889
Nov	10049	22563
Dec	9815	24014





DEPARTMENTAL PROFILE

DR. VITHALRAO VIKHE PATIL FOUNDATION'S MEDICAL COLLEGE & HOSPITAL

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