

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, BPT & 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 Dhananjay V.	MBBS, MD	Prof & HOD
Dr. Padalkar Ramchandra K	M.Sc(Med),Ph.D.(Med)	Prof (Till Jan 2020)
Dr. Patil Sangita M.	M.Sc (Med), Ph.D. (Med)	Asso. Prof
Dr.Bhagat Sonali S.	M.Sc (Med), Ph.D. (Med)	Asso. Prof
Dr.Raut Anita M.	M.Sc , Ph.D. (Med)	Asst. Prof
Mr. Sarguru.D.	M.Sc (Med)	Asst. Prof
Dr. Jaju J.	MBBS, MD	Asst. Prof
Mrs Dravid Urmila R.	M.Sc (Med)	Asst. Prof
Dr. Sayamber Nitin G.	MBBS	Tutor
Dr. Mrs. Mohole Deepa S	MBBS	Tutor
Dr. Pansambal Vikarant S.	MBBS	Tutor
Dr.Gadakh Yogita B.	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. Shewale R.G.	B.A.	Clerk
Mr. Pathan	SSC	Sweepers
Mrs. Mohini Sagar	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. Sangita M. Patil (Dr. Mrs. Sangita Rajendra Kharade)**

M.Sc. Ph. D (Medical Biochemistry)

Dr. S.M. Patil Member of Association of Society of Biological scientist of India  
Working as Asso. Professor, biochemistry from 01 Oct. 2020 to till date.

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

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

**Member**, of research cell member

**Member**, of institution innovation council

**Member**, of Alignment and integration committee

**Member**, secretary of college curriculum committee

**Member Secretary**, of institute level internal quality assurance cell

**Mentor** of MBBS students batch 2016. Roll no 31-40

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

**Member** 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

Deliver in the lecture in research methodology workshop

**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



**Dr. Bhagat Sonali S.**

M.Sc (Med), Ph.D. (Med) Asso. Prof

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

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

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

Given By Committee Incharge

**Member of** Academic Cell All

**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 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** of Roll No 41-50 (2016 Batch) Solves All Problems Received From Respective Students

**Departmental Mentorship Mentor/Incharge** of Roll No 11-20, 61-70,111,120 (2020 Batch)



**Dr. MS. JAJU JYOTSNA BHAGIRATH**

MD. Biochemi

Working as Asstt. 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 Asstt. 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 Creiterion –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 Antiragging Committee All Responsibilities Given By Committee Incharge

**Mentorship Mentor/Incharge** of Roll No 41-50 (2016 Batch) Solves All Problems Received From Respective Students

**Departmental Mentorship Mentor/Incharge** Of Roll No 11-20,61-70,111120



**Mr.SARGURU DATCHANAMURTHI**

M.Sc (Medical Biochemistry)

Working as an Assistant Professor (26<sup>th</sup> September 2019-till date )

Trained by National Level Research Methodology workshop on Physicians in clinical Practices (**RESPIC WORKSHOP- 2017**) funded by ICMR

Trained in Research Methodology on **Good clinical Practices** (GCP WORKSHOP) funded by ICMR on 4<sup>th</sup> August 2017 Organized by Dharhan group of institutions Salem Tamilnadu.

Attended hands on training on "Molecular techniques in diagnosis and research"**National level symposium** organized by MGMCRI , PUDUCHERRY

Attended hands on training on National Level (**Workshop on ZebraFish'** held at KIMS, Chennai

Workshop on Research Funding, patent and copyright on 20.12.2018 organized by Shri Sathya Sai medical college and research institute

Participated in the "**An updated workshop on Research Methodology & Medical writing**", Shri Sathya Sai Medical College and Research Centre.Chennai.



Attended the Workshop on **Problem based learning** conducted by Shri Sathya Sai Medical College and Research Centre, Chennai.

Attended the Workshop on **Micro Teaching** conducted by Shri Sathya Sai Medical College and Research Centre, Chennai

**Member** of Antiragging committee -appointed by the head of the institution

**Mentorship** program -incharge /Mentor for the roll Number: 31-40 (2019 Batch), in the college level appointed by the head of the institution

**Mentorship** program-Mentor for the students (Roll Number: 31-40, 81-90, 131-140) in the Department level, appointed by the Head Of the Department.

**As a Member** of NAAC Committee Criterion II appointed by the head of the institution

**As a member in the organizing committee** in CPD (Webinar) on "Revealing Biochemical and Clinical Aspects in COVID- 19" organized by Department of Biochemistry, DVVPPF's Medical College, Ahmednagar on Tuesday 8<sup>th</sup> June 2021



**Mrs Urmila R. Dravid**

M.Sc (Med), Asstt. Prof

Working as Asstt. Professor

**Member**, Woman Cell, DVVPF's MC, Ahmednagar.

**Member**, Skill Lab DVVPF's MC, Ahmednagar.

**Member**, Criteria -V, DVVPF's MC, Ahmednagar.



**Dr. Nitin Gulabrao Sayamber**

**MBBS**

Working as Tutor, biochemistry from 01.08.2004 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 Tutor, biochemistry from 27.08.2007 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. PANSAMBAL AVIKARANT S.**

**MBBS**

Working as Tutor, biochemistry 11.08.2015 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 <sup>th</sup> Oct.2018 at DrVVPf's Medical College Ahmednagar.	250
2	CME/CPD organized on Revealing Biochemical and clinical aspects in Covid-19	8 <sup>th</sup> June.2021 at DrVVPf's Medical College Ahmednagar.	110
3	Role of Clinical Biochemistry in Medicine (Guest Lecture)	24 <sup>th</sup> October 2018 at Medical College, Ahmednagar	170
4	Recent Advances in Clinical Biochemistry (Guest Lecture)	26 <sup>th</sup> October 2018 at Medical College, Ahmednagar	170

## CME ON "GOOD CLINICAL LABORATORY PRACTICES"

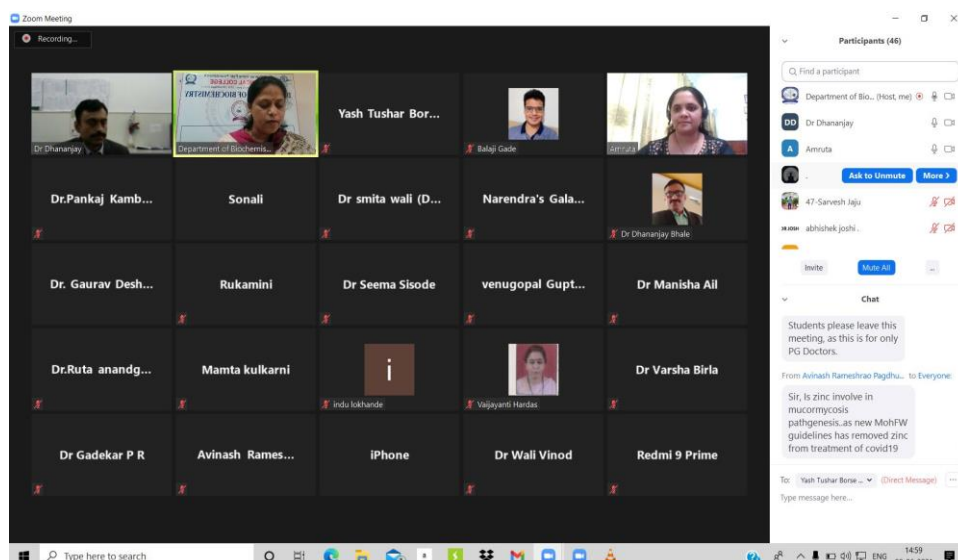
Organized by department of biochemistry, on Thursday, 25<sup>th</sup> October 2018.





## 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



## 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

## 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



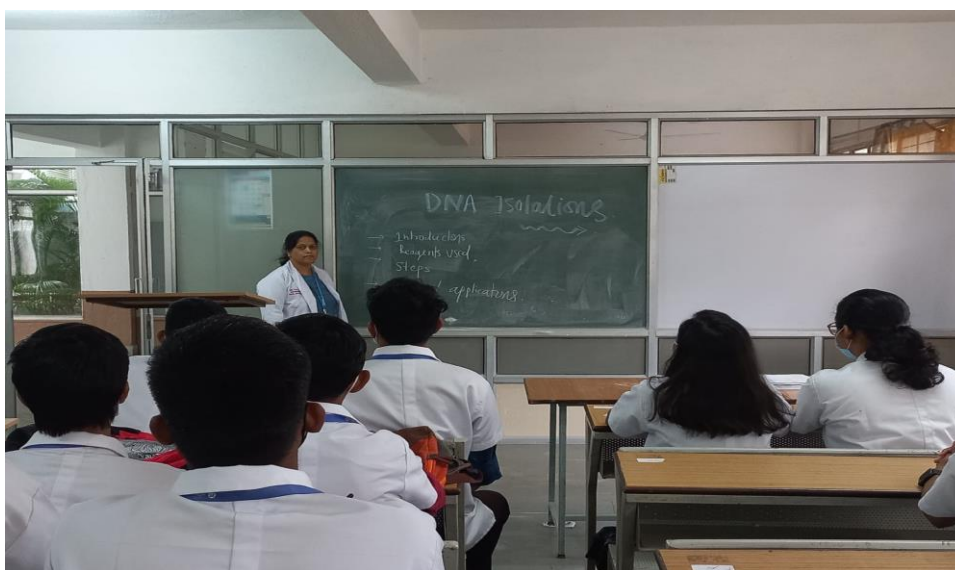
	2	Monteiro Jeffrey	151
	3	Munde Haridas	150
2010-2011	1	Telang Bhushan M.	161
	2	Pande Vaibhav	157
	3	Nikam Prakhar	152
2011-2012	1	Nikhil Pawar S.	162
	2	Diti Gandhasiri	154
	3	Purohit Rounak	154
	4	Vadke shantanu	150
2012-2013	1	Modak Aditya Prasad	162
	2	Pathade Yogesh Dattatray	152
	3	Salunke Mayur 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

## 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



### ECE ON MALNUTRITION





## INTEGRATED TEACHING ON THALASSEMIA



## INTEGRATED TEACHING ON PATHOLOGY OF KIDNEY



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



## SEMINAR ACTIVITY



## FREE SCREENING CAMPAIGN FOR DETECTION OF BLOOD SUGAR IN I<sup>st</sup> 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

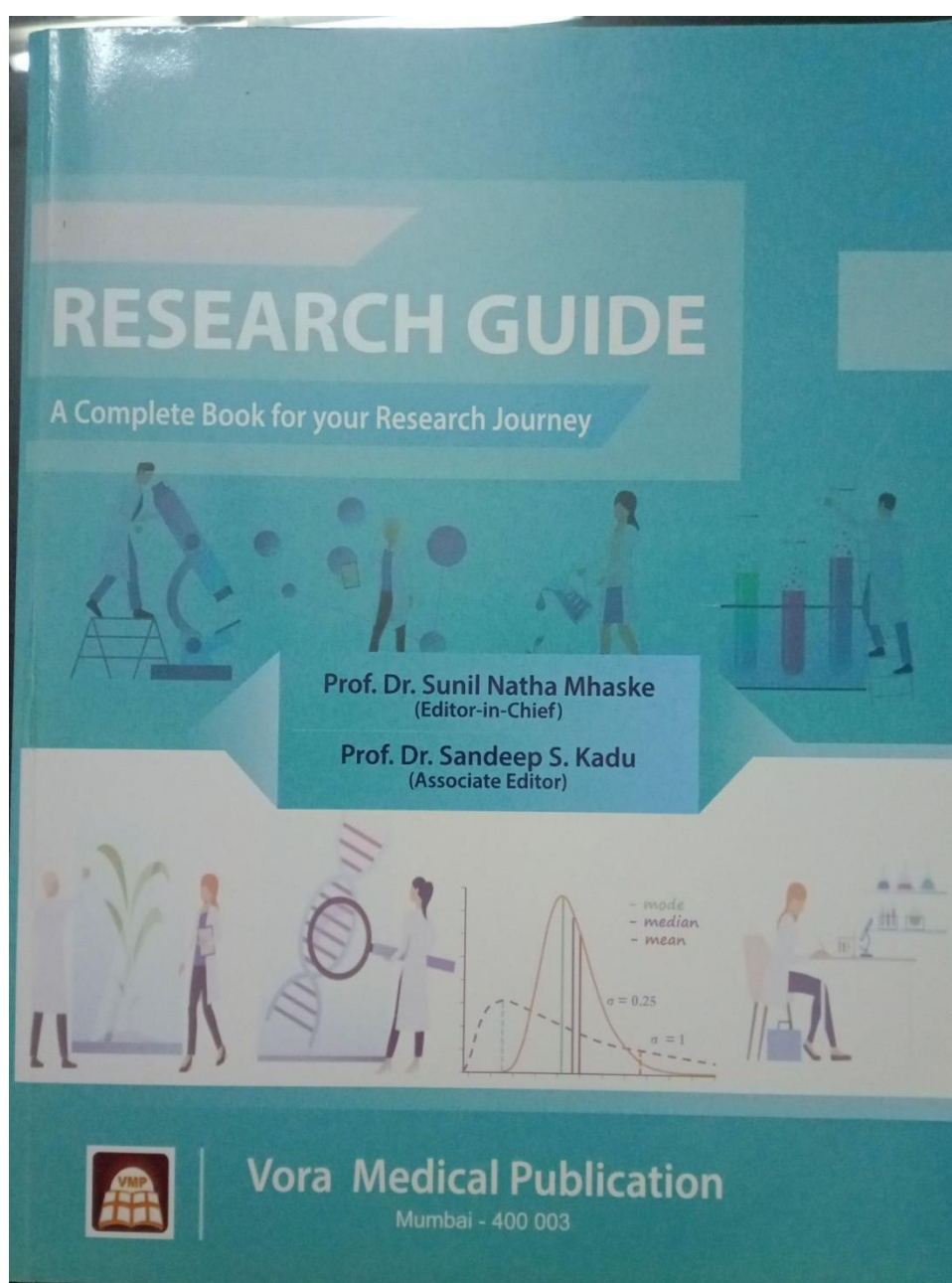
### DEPARTMENTAL ACHIEVEMENTS

1. Total No. of Copyrights in Dept.: 4
2. Total No.of Chapters published in book: 2
3. Total No. of Publications in PubMed. :05
4. Total No. of Publications: 76



## BOOKS / CHAPTERS:

Sr. No.	Name of Book	Name of the Chapter	Name of the Chapter Writer
1.	Research Guide	Reference Writting	Dr. Raut A.M.
2	Research Guide	Research Report Writting	Dr. Patil S.M.





## 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. Pait

### 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:**

<b>Sr. No.</b>	<b>Name of the topic</b>	<b>Name of the inventor</b>	<b>Diary number</b>
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



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  
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INDIAN  
SARGURU DATCHANAMURTHY , 2/67 THROWBATHI  
AMMAN KOVIL STREET KADAPERIKUPPAM POST  
VALUDHAVUR VIA VANUR TK VILLUPURAM DISTRICT  
TAMILNADU-605502  
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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. :



  
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DI : 535/2021-CO/L  
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

  
DEPUTY REGISTRAR OF COPYRIGHTS

## Extracts from the Register of Copyrights



Dated : 07/06/2021

- |  |   |
|--|---|
| 1. Registration Number   | : <b>L-104167/2021</b>  |
| 2. Name, address and nationality of the applicant  | : SARGURU DATCHANAMURTHI, 2/67 THROWBATHI<br>AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,<br>VALUDAVUR VIA, VANUR TK, VILLUPURAM<br>DISTRICT, TAMILNADU -605502<br>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<br>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<br>AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,<br>VALUDAVUR VIA, VANUR TK, VILLUPURAM<br>DISTRICT, TAMILNADU -605502<br>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<br>AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,<br>VALUDAVUR VIA, VANUR TK, VILLUPURAM<br>DISTRICT, TAMILNADU -605502<br>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<br>AMMAN KOVIL STREET, KADAPERIKUPPAM AND POST,<br>VALUDAVUR VIA, VANUR TK, VILLUPURAM<br>DISTRICT, TAMILNADU -605502<br>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

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## 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 <sup>th</sup> Nov. 2021 ACME at GSMC and KEM Hospital Mumbai

## ONGOING RESEARCH PROJECT

Sr. No.	Title	Principal Investigator	IEC Approval no.
1.	Attenuation of Oxidative stress & inflammation by supplementation of antioxidants in cerebrovascular accident.	Mrs. S.M. Patil	PDVVPF's MCH/IEC/Pharmac/2012/017

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



## STUDENTS PROJECT

Sr. No.	Name of Project	Investigators	Sponsors Name	Year
1.	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	STRG, ICMR	2015-16
2.	A study of clinical utility of D- dimer in diagnosis of renal insufficiency	Amey A. Lokhande Dr. Rahul A. Ghone	STRG, ICMR	2015-16

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

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

		College, Ahmednagar.
<b>Appointment at Health Journal</b>	<b>Dr. S.M. Patil</b>	<b>Reviewer</b> , Indain Journal of biochemistry and biophysics ,
<b>Appointment at Institute Level</b>	<b>Dr. Patil S.M</b>	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
<b>Resource Faculty</b>	<b>DR. S. M. Patil</b>	Resource and speaker in basic workshop research methodology. Organized by research cell DVVPF's medical college Ahmednagar on 7 <sup>th</sup> to 9 <sup>th</sup> august 2019.
		Resource and speaker person in online basic workshop in research methodology organized by research cell DVVPF's medical college Ahmednagar on 3 <sup>rd</sup> March to 5 <sup>th</sup> 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 <sup>th</sup> oct to 14 <sup>th</sup> oct 2021.
		<b>As faculty</b> in CPD (Webinar) on "revealing biochemical and clinical aspects in covid- 19 organized by Department of biochemistry

		DVVPF's Medical College, Ahmednagar on 8 <sup>th</sup> June 2021.
		<b>As faculty</b> in CME on "good clinical laboratory practices organized by Department of biochemistry DVVPF's Medical College, Ahmednagar on 25 <sup>th</sup> October June 2018.
<b>Appointment at Health Journal</b>	<b>Dr. Bhagat Sonali</b>	<b>Reviewer</b> , Journal of Clinical & Diagnostic Research ISSN: 0973- 709X, Users Online-9421.
<b>Appointment at Institute Level</b>	<b>Dr. Bhagat Sonali</b>	<b>Incharge</b> , Girls Common Room Committee, DVVPF's MC, Ahmednagar.
		<b>Incharge</b> , Criterion IV (NAAC), DVVPF's MC, Ahmednagar.
		<b>Departmental Mentorship</b> , Roll no 11-20, 61-70, 111-120 (1 <sup>st</sup> Phase MBBS)
		<b>Secretary</b> , Student Council Committee, DVVPF's MC, Ahmednagar.
		<b>Secretary</b> , Foundation Course Committee, DVVPF's MC, Ahmednagar.
		<b>Member</b> , VIMS Sports Committee (Girls) DVVPF's MC, Ahmednagar.
		<b>Member</b> , NSS Committee, DVVPF's MC, Ahmednagar.
		<b>Member</b> , Women's Complain Committee DVVPF's MC, Ahmednagar.
		<b>Member</b> , Academic Cell, DVVPF's MC, Ahmednagar.
		<b>Member</b> , Sexual Harassment Elimination

		Committee, DVVPF's MC, Ahmednagar.
		<b>Member</b> , Social Cell, DVVPF's MC, Ahmednagar.
<b>Resource Faculty</b>	<b>DR. Sonali Bhagat</b>	<b>As Faculty</b> in CME on "Good Clinical Laboratory Practices" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Thursday, 25 <sup>th</sup> October, 2018.
		<b>As organizing Committee and faculty</b> 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 <sup>th</sup> June 2021.
<b>Appointment at Health Journal</b>	<b>Dr.Anita M. Raut</b>	<b>Editor</b> , VIMS Health Science Journal (Print ISSN: 2348- 523x, eISSN: 2454- 1954)
<b>Appointment at Institute Level</b>	<b>Dr. Anita M. Raut</b>	<b>Incharge</b> , Research cell, Museum , DVVPF's MC, Ahmednagar.
		<b>Cordinator, Women cell</b> Committee, DVVPF's MC, Ahmednagar.
		<b>Secretary</b> , Women's complaint committee, DVVPF's MC, Ahmednagar.
		<b>Secretary</b> , Sexual harassment elimination committee ,DVVPF's MC, Ahmednagar.
		<b>Secretary</b> , Sports committee Girls , DVVPF's MC, Ahmednagar.
		<b>Coordinator for CCL biochemistry</b> DVVPF's MC & H, Ahmednagar.



		<b>IQAC Cell ,coordinator, Criteria- II</b> DVVPF's MC, Ahmednagar.
		<b>Member, Ethical committee,</b> DVVPF's MC & H, Ahmednagar.
		<b>Social cell, Member DVVPF's MC,</b> Ahmednagar.
		<b>Wall magazine, Member DVVPF's MC,</b> Ahmednagar.
<b>Resource Faculty</b>	<b>DR. Anita M.Raut</b>	<b>Faculty</b> in CME on "Good Clinical Laboratory Practices" organized by Department of Biochemistry, DVVPF's Medical College, Ahmednagar on Thursday, 25 <sup>th</sup> October, 2018.
		<b>As organizing as member</b> 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 <sup>th</sup> June 2021.
<b>Appointment at Institute Level</b>	<b>Mr.Sarguru Datchanamurthi</b>	<b>As a member in the organizing committee</b> 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 <sup>th</sup> June 2021
<b>Appointment at Institute Level</b>	<b>Mrs Urmila R. Dravid</b>	<b>Member, Woman Cell, DVVPF's MC,</b> Ahmednagar.
		<b>Member, Skill Lab DVVPF's MC,</b> Ahmednagar.
		<b>Member, Criteria -V, DVVPF's MC,</b> Ahmednagar.

## 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)
lii. 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, EMBASE 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	Prakash S. Hundekar, Aadinath N. Suryakar, Aarti C. Karnik, Rajesh Valvi, Rahul A.	Journal Of Clinical and Diagnostic Research	<i>PubMed, PMC, Index Copernicus, DOAJ</i>	2011 ;5 (7): 1339-1342 National

	in Sickle Cell Anaemia	Ghone, Sonali S. Bhagat			
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 Internatio nal
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):4 2-48 Internatio nal.,
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 ,Google Scholar,DJO F	2012,June , 9(1):203-205. National
18	A study on the biomarkers of oxidative stress the effect of oral therapeutic supplementation	Sonali S. Bhagat, Purnima Day sarkar, AN Suryakar, R K Padalkar Rahul A. Ghone, Sangita M Patil, Prakash S.	Journal Of Clinical and Diagnostic Research	<i>PubMed, PMC, Index Copernicus, DOAJ</i>	2012 , Sep.6 (7): 1144-1147 National

	on the iron concentration & the product of lipid peroxidation in $\beta$ -thalassemia major.	Hundekar.			
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, MEDLINE, 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	S R Ghodake, A N. Suryakar, R K Padalkar, P M Kulhalli, A K Sheikh.	Int. J. Med.Res.Hea lth Sci.	Index Copernicus, Google Scholar, Sco	2012; 1(1):28-34 International



	pathophysiology of schizophrenia.			peMED	
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, Poland,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 and Prakash S. Hundekar	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 $\alpha - 1$ antitrypsin & antioxidative stress in emphysema.	Dr. Anita M. Raut, Dr. A N. Suryakar, Dr. Smita D. Mhaisekar, Dr. Dilip Mhaisekar	Int. J. Med. Res. Health Sci.	Google Scholar, Index Copernicus, ScopeMed	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	Ms. Ghodake Santoshi S, Dr. Suryakar Adinath, N, Mrs. Pingle Sangita, Dr. Padalkar	International Journal of Current Research	Google Scholar, Index Copernicus, ICMJE	2014; May, 6(5):6 756-6760 International

	neuropsychiatric disorders.	Ramchandra,K			
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. Satyanarayana, Dr. S. S. Bhagat, Dr. R.K. Padalkar, S. M. Patil, R. A. Ghone	European Journal of Biomedical and pharmaceutical 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. Satyanarayana, Dr. S. S. Bhagat, Dr. Padalkar R. K., S M Patil, R. A. Ghone	European Journal of Biomedical and pharmaceutical sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2015 ;2(5);613-620 International
44	To study the clinical attachment	Dr. Miss. Rujuta D Mhaisekar, Dr.	European Journal of	Google Scholar,	2015 ;2(4);393-

	level (CAL) russel periodontal index (RPI) and oral hygienic index (OHI) in periodontal disease subjects and smokeless tobacco users.	Mrs. Anita M.Raut, Dr .Hiral Patel , Dr .Dilip Mhaisekar, Dr .Mrs. Smita D. Mhaisekar	Biomedical and pharmaceutic al sciences.	Index Copernicus, Indian Science Publications	405 Internatio nal
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, Indian Science Publications	2015 ;2(4);Dec. 157-162
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 pharmaceutic al sciences.	Google Scholar, Index Copernicus, Indian Science Publications	2016 ;3(2);153-158
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/s 12291-016-0556-423-430
48	The study of serum adenosine deaminase activity as	Ramchandra K Padalkar , Sangita M. Patil , Sonali S. Bhagat , Rahul A	European Journal of Biomedical and	Google Scholar, Index Copernicus,	2016 ,July, 3(8)214-217



	immunoenzyme marker in type 2 diabetes mellitus patients	Ghone , Dhananjay V. Andure	pharmaceutic al sciences.	Indian Science Publications	
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
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
51	A Study of a possible view vaccine candidate rwblz in Lymphatic Filoriasis 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,I ndianScienc e	2016 ; Dec. 3(4), 155-162
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
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

54	Comparative Study of potential diagnostic biomarkers in myocardial infraction with survival and myocardial 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
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.
56	Liver enzymes in patientswith chronic kidney diseases undergoing hemodialysis.	Dr. Tera Aruna Kumari, Dr. Sonali S. Bhagat, Dr. P. V. Satyanarayana.	VIMS Health Science Journal	Index Copernicus	2017: 4(1):7-9
57	Diagnostic Importance of Creatine Kinase MB- Isoenzyme in chronic Hemodialysis.	Dr. Tera Aruna Kumari, Dr. Sonali S. Bhagat, Dr. P. V. Satyanarayana	VIMS Health Science Journal	Index Copernicus	2017: Sep. 4 (3) 130-132
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
59	Association of tumor necrosis factor-alpha G-308 a polymorphism with inflammatory markers and lipid profile in coronary	Sangita Mahadev Patil, Mangesh P Bankar, Ramchandra K Padalkar.	International Journal of Medical Biochemistry	EBSCOhost, DOAJ,TUBIT AK TR INDEX	2018;1(3): 99-105

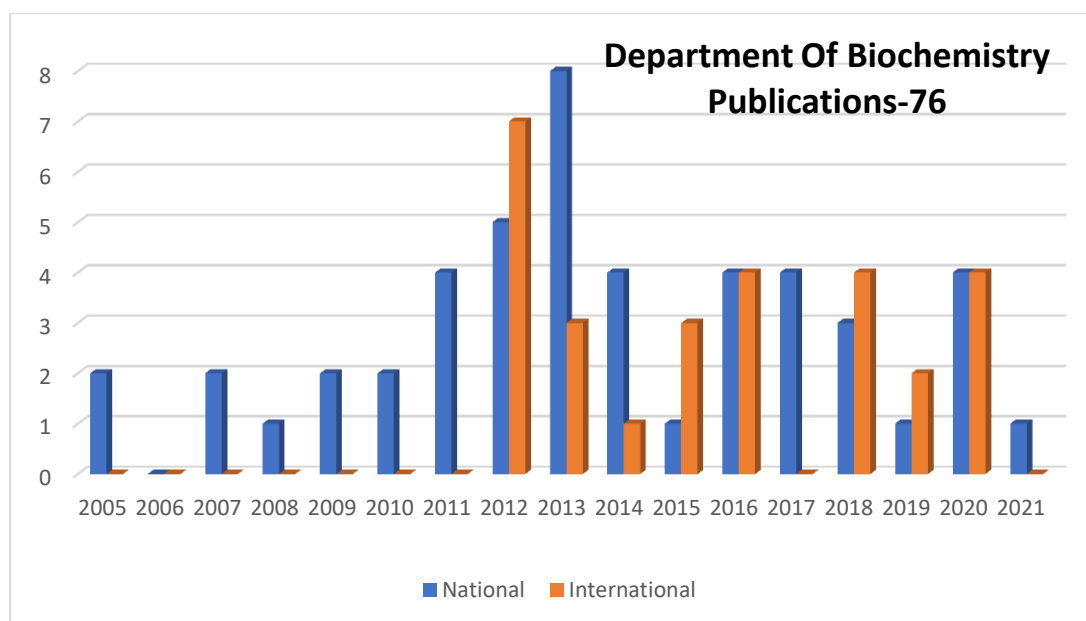
	heart disease				
60	Roll of Ischemia Modified Albumin as a New Potential Biomarker in Cerebrovascular Stroke	Sangita Mahadev Patil, Ramchandra K Padalkar, Marcia Waran, Sonali S. Bhagat, Dhananjay V Andure, Anita M. Raut	The Antiseptic	Ind Med	Vol 115 Sep. 2018, 17-20
61	A study of interaction of cigarette 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
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
63	Assesment of Serum Iron, TIBC and Ferritin in patients with Cardiovascular Diseases Among Rural Population Biomedicine	Vanaja R , Sarguru Datchanamurthi, Ilanchezhian , Rajini Samuel, Balaji Rajagopalan, Sridhar RV	Biomedicine	Scopus	2018 May 38(2) 225-228
64	Good Clinical laboratory Practice : Eminence Challenge in Clinical Laboratory	Sangita M. Patil	International Journal of Education and Research in health	Index Copernicus	2018 Oct-Dec.2018; 1(4) : 123-124

			Sciences		
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
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. David	Journal of Biochemistry and Biophysics	Index Copernicus	Vol-4 Issue-1 June-2019 page 21-24
67	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. David	Journal of Biochemistry and molecular medicine	Index Copernicus	Vol-1 Issue-2 Jan-2020 page 71-74
68	Zebra Fish as a Cancer Model	Sarguru, Datchinamurthi, Ilanchezhian.T, Vanaja, Balaji Rajagopalan	Int. J. Pharm. Sci. Rev. Res	Scopus	Vol-2 Issue-54 Jan-2019 page 104-108
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

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
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
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
73	Alterration in serum zinc and copper concentrations and effect of oral therapeutic supplementation of zinc on trasfusion dependent beta thelassmia 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
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



75	Comparison of Friedewald's Formula, Modified Friedewald's Formula and Anandaraja's Formula with direct homogenous serum LDL cholesterol method in CHD patients	Brindha Devi P. , Ilanchezhian T., Sarguru D. , Ayyappan S. , Karnaboopathy R. ,Aarti Karnik , Saddam Hussain A.	International Journal of Research in Medical Sciences	Index Copernicus	2020 Aug;8(8)
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



## 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 <sup>th</sup> to 14 <sup>th</sup> December 1997.
2	Dr. R.K. Padalkar	Poster	Biochemical action of Phototherapy in Neonatal hyperbilirubinemia	Pune	23 <sup>rd</sup> 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 <sup>th</sup> and 31 <sup>st</sup> 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 <sup>th</sup> Nov. 2021
11	Dr. R.K. Padalkar	Paper	Serum levels of trace elements in patients with Psychiatric Disorders.	Kolkata	12 <sup>th</sup> to 14 <sup>th</sup> Dec. 1997
12	Dr. R.K. Padalkar	Paper	Serum Nitric Oxide and Trace elements in Pregnancy.	Nagpur	11 <sup>th</sup> to 14 <sup>th</sup> Jan.2001
13	Dr. R.K. Padalkar	Paper	Iron Homeostasis in plasmodium vivax and plasmodium falciparum malaria patients.	Latur.	30 <sup>th</sup> and 31 <sup>st</sup> Jan.2006.
14	Dr. R.K. Padalkar	Paper	Biochemical action of Phototherapy in Neonatal hyperbilirubinemia	Pune	23 <sup>rd</sup> 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 <sup>th</sup> and 31 <sup>st</sup> Jan.2006
16	Dr. R.K. Padalkar	Paper	Study of Antioxidant Enzymes of Seminal Plasma in association with mental stress subjects	Kochi, Kerla	6 <sup>th</sup> 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 <sup>th</sup> - 6 <sup>th</sup> 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 <sup>rd</sup> -6 <sup>th</sup> 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	23 <sup>rd</sup> march 2012
23	Mr.SarguruD .	Paper	"Bimolecular structure Elucidation &Drug Design	Villupuram,Tamilnadu	12 <sup>th</sup> jan 2011
24	Mr.SarguruD .	Paper	"Herbal Remedies & Health Management"	Cheyar,Tamilnadu	1 <sup>st</sup> 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 3<sup>rd</sup> Maharashtra State Intercollegiate Biochemistry Quiz for 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.

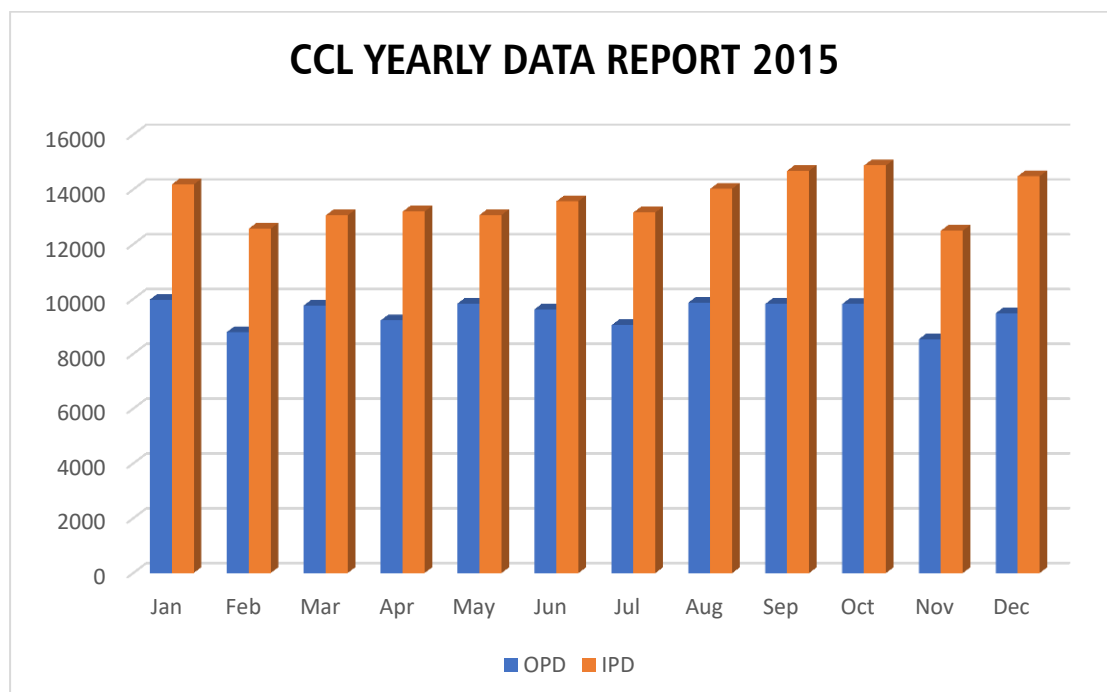
In addition, Biochemistry also deals with diagnostics and analytical sciences - biochemical investigations in blood and body fluids - a key factor in diagnosis and decision making for the physician. A automated platform linked to HIS enabled services is there for the biochemical diagnostics, that enables 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 BIOCHEMISTRYT OPD /IPD STATISTICS

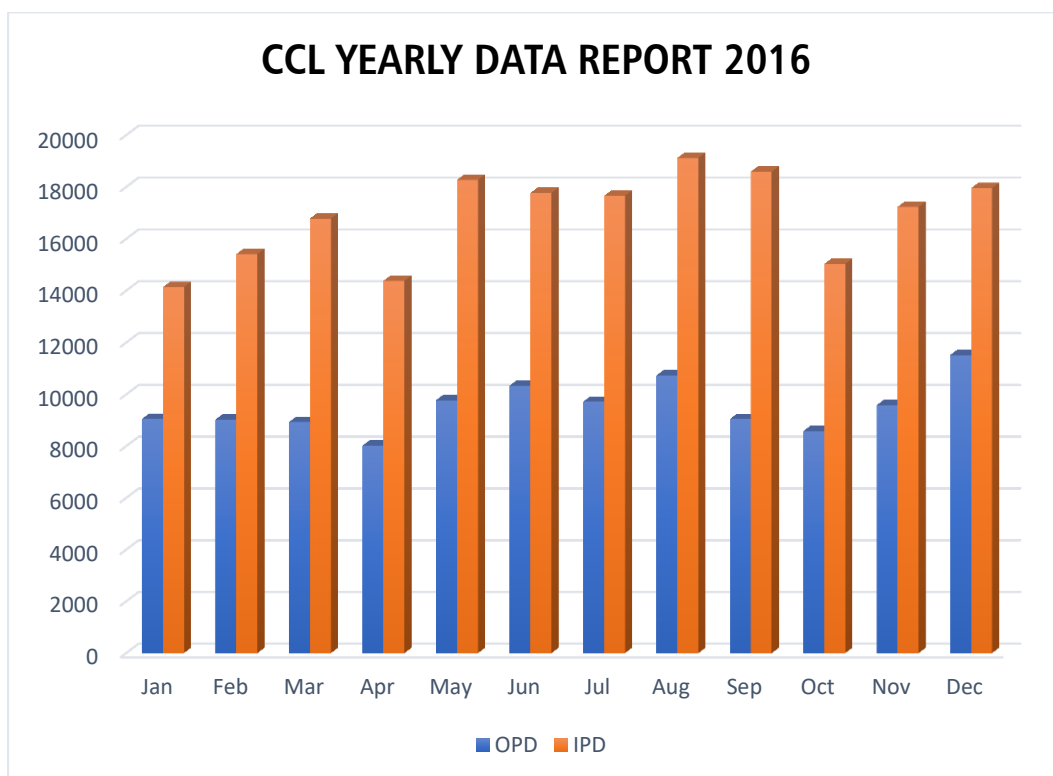
### 1. BIOCHEMISTRY CCL YEARLY DATA REPORT 2015

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



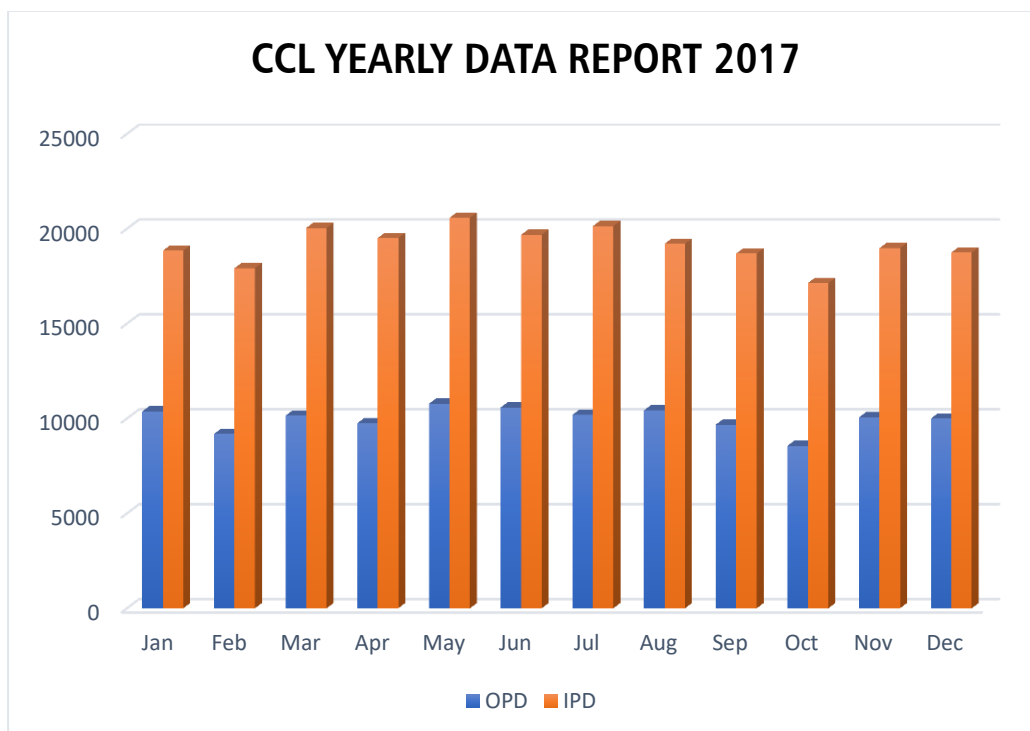
## 2. BIOCHEMISTRY CCL YEARLY DATA REPORT 2016

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



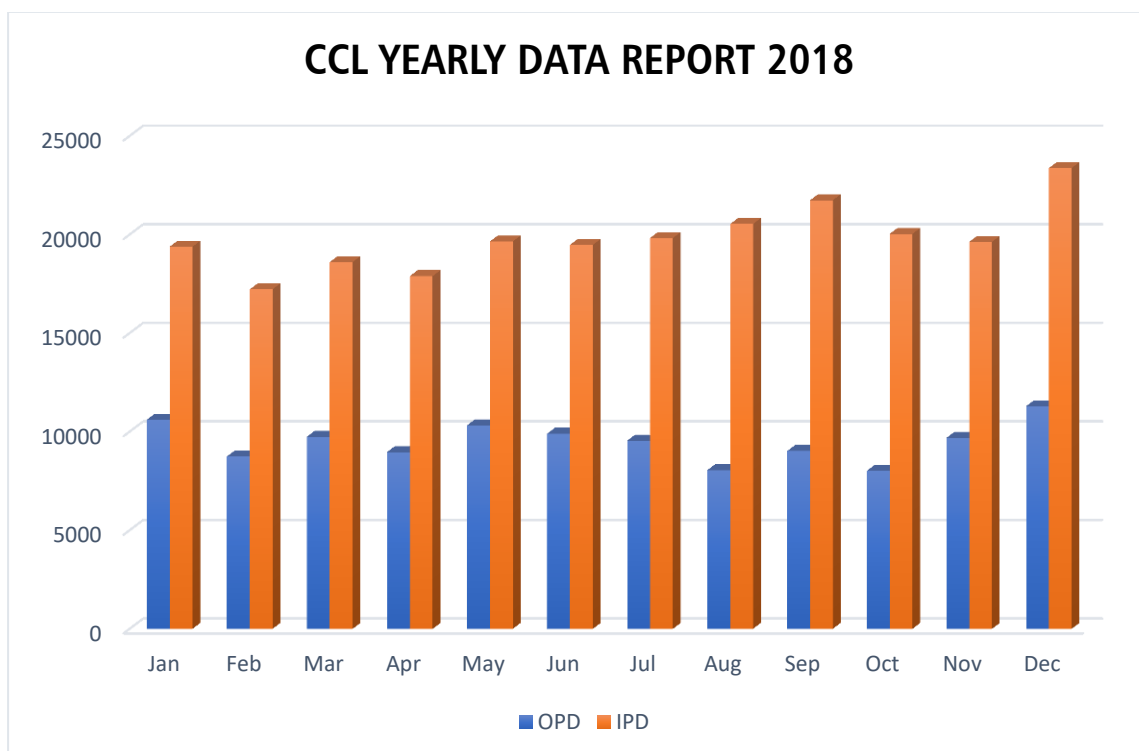
### 3. BIOCHEMISTRY CCL YEARLY DATA REPORT 2017

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



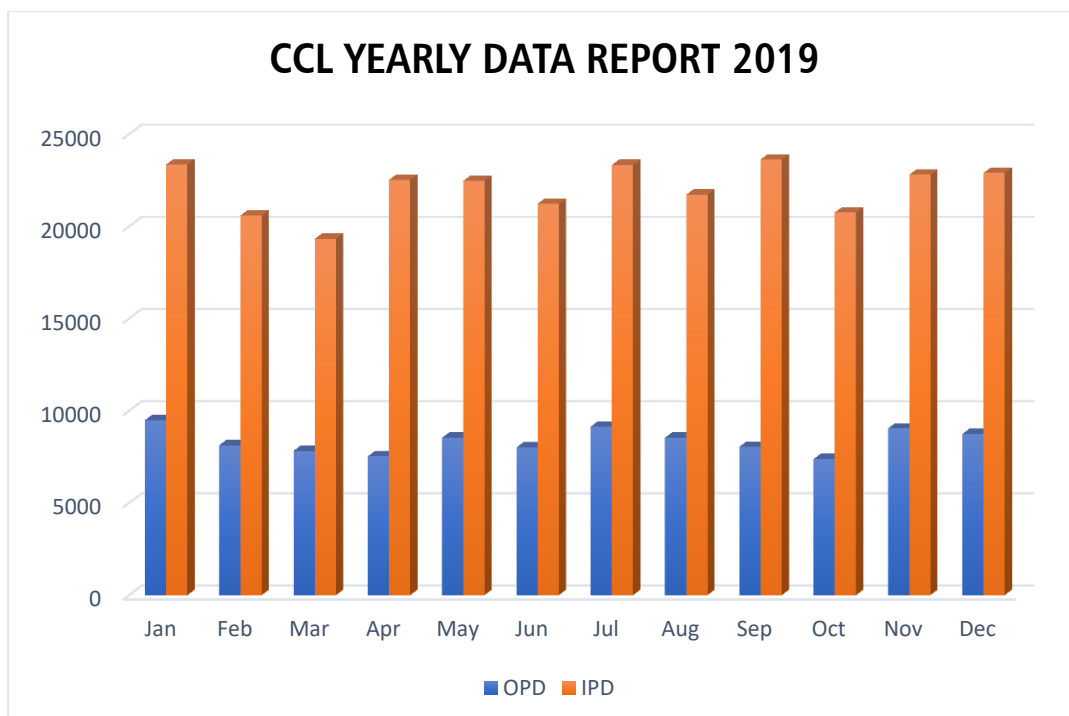
#### 4. BIOCHEMISTRY CCL YEARLY DATA REPORT 2018

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

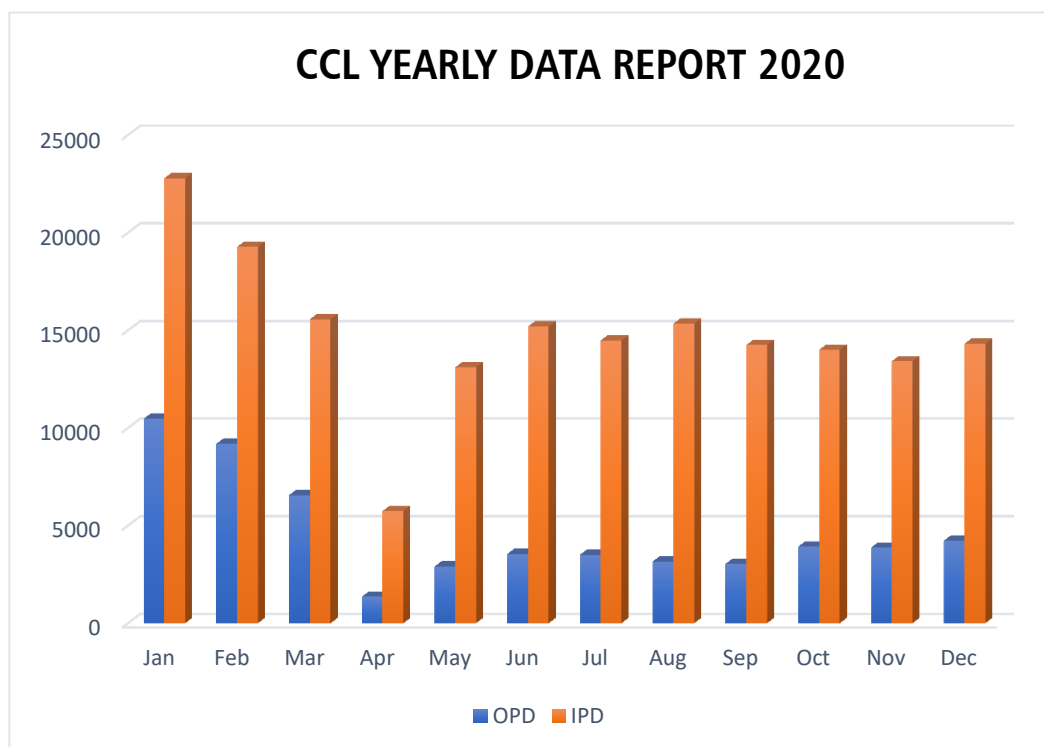
Month	OPD	IPD
Jan	9493	23359
Feb	8136	20597
Mar	7825	19325
Apr	7529	22525
May	8537	22472
Jun	8007	21228
Jul	9137	23332
Aug	8540	21716
Sep	8044	23626
Oct	7381	20760
Nov	9038	22799
Dec	8736	22898





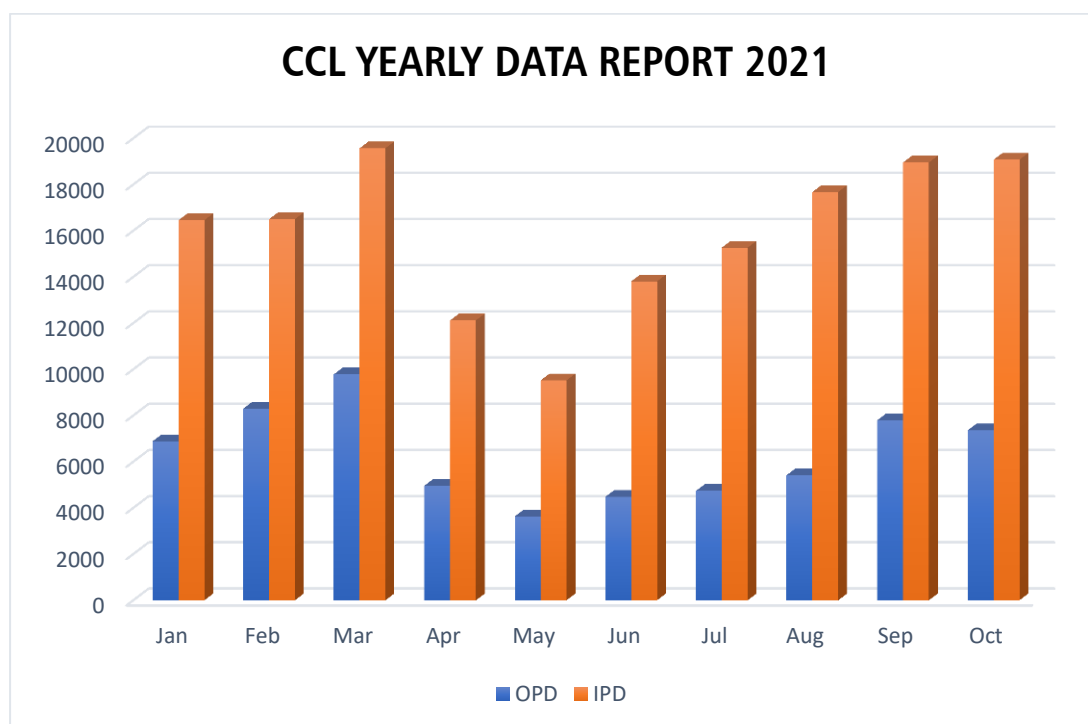
## 6. BIOCHEMISTRY CCL YEARLY DATA REPORT 2020

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





# DEPARTMENTAL PROFILE

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

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