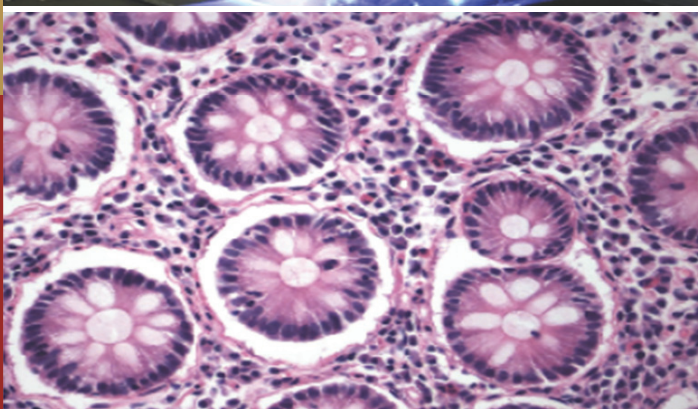
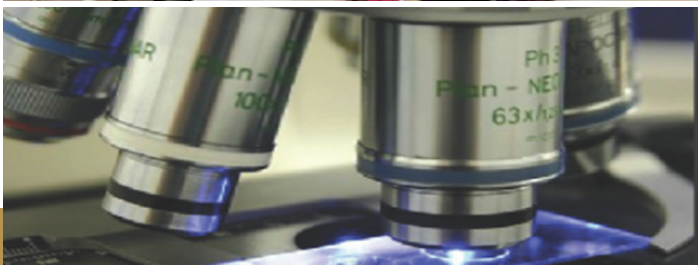




**Dr. D.Y. Patil, Hospital
& Research Centre**
Pimpri, Pune

DEPARTMENT OF PATHOLOGY



www.medical.dpu.edu.in

NABL ACCREDITED LABORATORIES

Diagnostic services provided are;

- Histopathology, IHC, IF
- Cytopathology
- Rapid Intraoperative Diagnosis
- Clinical pathology
- Hematology
- Blood banking services

REPORTING



**Annual HPE
and Cytology
samples:
around 40,000**

GROSSING



FROZEN SECTION



INTRODUCTION

- The Department of Pathology was established in 1996 .
- The first batch of MBBS students joined us in 1998.
- The first batch of PG students joined us in 2004
- Presently we teach 250 UG students, 14 MD students.



OUR ESTEEMED TEAM

- HOD: Prof. Charusheela R. Gore
- Highly competent, dedicated & MET trained faculty.
- All members actively involved in day to day diagnostics.
- Faculty is actively involved in research and teaching UG & PG students.



DEPARTMENTAL STAFF PROFILE

| SR. NO. | DESIGNATION | NUMBER |
|---------|----------------------|--------|
| 01 | HOD | 01 |
| 02 | Professor | 08 |
| 03 | Associate Professor | 04 |
| 04 | Assistant Professor | 02 |
| 05 | Tutor & Demonstrator | 08 |
| 06 | Technical Staff | 10 |



INFRASTRUCTURE & IMPORTANT EQUIPMENTS

| | |
|-----------------------------------|---------------------------------------|
| Total Area: 10,650 Sq.ft | Decahead Microscope: 01 |
| Demonstration Rooms: 04 | Fluorescent Microscope: 02 |
| Staff Rooms: 14 | Cryostat: 02 |
| Research Laboratory: 01 | Cytocentrifuge: 01 |
| Library and Seminar Room: 01 | Antigen Retrieval System: 01 |
| Morbid Anatomy & Cytology Lab: 01 | Automatic Tissue Processor: 02 |
| FNAC Room: 01 | Grossing Station: 01 |
| Museum: 01 | Trinocular Microscope with Camera: 01 |
| Practical Laboratories: 02 | Digital Microphotography Unit: 01 |
| | Semiautomatic Microtome: 02 |
| | Binocular microscopes: 70 |

HISTOPATHOLOGY LABORATORY



MUSEUM



1000 - Specimens
255 - Catalogues
217 - Photographs

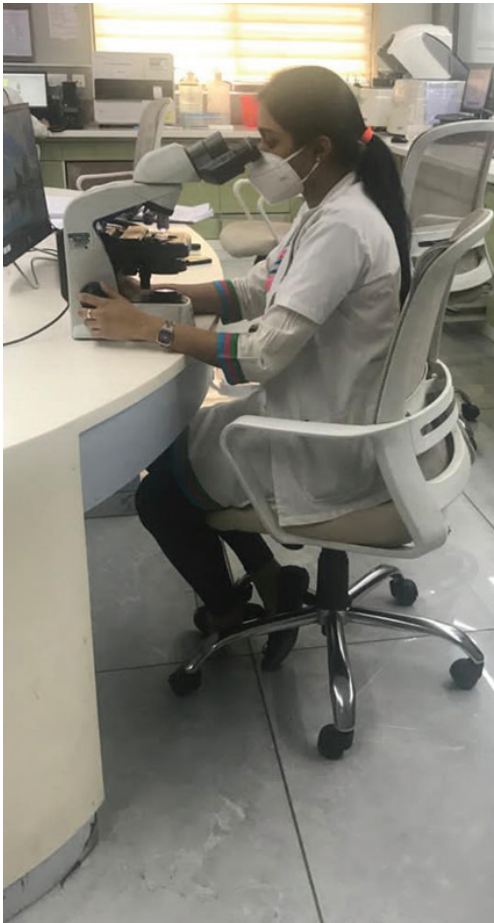
DEPARTMENTAL LIBRARY



Reference books-191
Contains latest reference books
on General, Systemic and Surgical
Pathology for diagnostic work, PG
and UG teaching

CENTRAL CLINICAL LABORATORY

DAILY SAMPLES OF OVER 650 PATIENTS ARE REPORTED



EXTENSION ACTIVITIES

- Blood donation camps
(380 camps with collection of 23,396 blood units in last 5 years)
- Regular health check-up camps



PUBLICATIONS (2014-2021)

RESEARCH ACTIVITIES (PROJECTS)

| TYPE OF PROJECTS | ONGOING | COMPLETED | TOTAL |
|---------------------|---------|-----------|-------|
| University funded | 07 | 02 | 09 |
| Dissertation | 26 | 38 | 64 |
| ICMR - STS Projects | 11 | 10 | 21 |
| Total | 44 | 50 | 94 |

h-index:11-4, IF: 6.24-0.5

| Year | Total Publications | Scopus | Web of Science | PubMed | DOAJ | Others (EMBASE, Excerpta Medica, Index Copernicus, Google scholar) |
|------|--------------------|--------|----------------|--------|------|--|
| 2014 | 34 | 14 | 01 | 05 | 04 | 10 |
| 2015 | 35 | 18 | 04 | - | 05 | 08 |
| 2016 | 18 | 14 | 01 | 02 | - | 01 |
| 2017 | 22 | 09 | 02 | 03 | 02 | 06 |
| 2018 | 28 | 05 | 03 | 01 | 02 | 17 |
| 2019 | 13 | 04 | 01 | - | | 08 |
| 2020 | 19 | 02 | - | 01 | | 16 |
| 2021 | 19 | 09 | 04 | - | | 22 |



LIST OF ONGOING PROJECTS (2014-2021)

| Sr. No. | Name Of Faculty | Designation | Topic |
|---------|-----------------------|---------------------|--|
| 1 | Dr. C.R. Gore | Prof & HOD | Automation In Histopathology A Technical Solution In Patient Case |
| 2 | Dr. C.R. Gore | Prof & HOD | Assessment of Immunological, Haematological & Biochemical profile & its correlation with Clinical stage & Disease Outcome in COVID19- Patients |
| 3 | Dr. Arpana Dharwadkar | Professor | Significance Of Rapid Detection Of Tuberculosis Lymphadenitis By Molecular Method: Cartridge Based Nucleic Acid Amplification Test (CB-NAAT) |
| 4 | Dr. Vidya Viswanathan | Professor | Significance Of Anti-Thyroid Antibodies, Vitamin D And Iodine Intake In Hashimotos Thyroiditis |
| 5 | Dr. Rupali Bavikar | Professor | Comparison Of Liquid Based Cytology With Conventional Pap Smears In Detection Of Cervical Cancer |
| 6 | Dr. A.C. Buch | Professor | Comparative analysis of liquid based cytology with conventional exfoliative cytology in oral Premalignant and Malignant lesions. |
| 7 | Dr. Sushma Kulkarni | Associate Professor | Awareness Of Biosafety Measures Among Laboratory Workers During Covid19 Pandemic In A Tertiary Care Centre –Maharashtra, India. |
| 8 | Dr. Yamini P. Ingale | Associate Professor | IgM IgG antibody response in COVID19- patients and in health care providers to them. |



STUDENTS AWARD

| Student | Awards |
|---------------------|---|
| Dr. Indranil Dey | 1st Prize Poster Presentation MAPCON 2015 |
| Dr. Ishita Gulati | 2nd Prize Paper Presentation. International CME on Cytopathology, Goa |
| Dr. Aditi Pandey | 2nd Prize Poster Presentation. CME on Oncopathology, Pune |
| Dr. Jay Sheth | 3rd Prize Poster Presentation GIMACON, Rajkot |
| Dr. Rohan Joshi | 3rd Prize Poster Presentation, 8th International CME on Oncopathology, Loni |
| S. Tiwari, S. Rathi | Completed and Published: ICMR- STS Project (UG Student) |
| Dr. Sahiba Kaur | 3rd Prize PG- Quiz, CME: Pune Chapter of IAPM, AFMC |
| Dr. Aishwarya Desai | 1st Prize Poster Presentation. CME on Gastrointestinal Pathology |
| Dr. Kanika Jain | 1st Prize Respirare 2019 BJ.Medical College |

1st Prize in Poster Presentation - CME in Gastrointestinal Pathology (BVP, Pune): Dr. Aishwarya (PG)



FACULTY ACHIEVEMENTS/AWARDS

| Faculty | ACHIEVEMENTS | Date |
|---------------------|---|-----------|
| Dr. C.R. Gore | • Moderator, Slide seminar MAPCON | 2016-2018 |
| | • Moderator, GI Path seminar, BVPune | 2018 |
| | • Chairperson CME in Oncopath, SKNMC | 2019 |
| | • Speaker. MAPCON, GMC, Akola | 2019 |
| | • Speaker IM AKON 2020, Mumbai | 2020 |
| | • Judge for oral paper presentation at MAPCON KIIMS, Karad | 2021 |
| Dr. Harsh Kumar | • Judge for Poster presentation MAPCON | 2015 |
| | • Chaired Session CME on Oncopathology Inamdar Hospital ,Pune | 2016 |
| Dr. A. C. Buch | • Best innovative teaching award, DYPMC, Pimpri, Pune | 2015 |
| | • Guest Speaker for MET workshop at Mimer Medical College Talegoan | 2019 |
| | • Guest Lecturer in workshop on "Health awareness session in Bhat Nagar | 2019 |
| | • Project Vatsaly which is being run by SNEH Foundation | 2020 |
| | • Lecture on Fundamentals of Health Professions Education | |
| | • Lecture on Journey of Publication from Conception to Delivery. | |
| Dr. Sunita Bamnikar | • Chaired Session CME on Oncopathology Inamdar Hospital, Pune | 2016 |



CME & GUEST LECTURES CONDUCTED



CME:

- Pune path. Pune Chapter of IAPM. 2016
- Workshop on "Current concepts of Laboratory approach towards Hemoglobinopathies".2018

GUEST LECTURES:

- "Flow cytometry and its role in the diagnosis of Acute and Chronic Leukemia - a case based approach" Dr. Col. Tathagat Chaterjee, Prof & HOD, Dept. of Transfusion medicine, AFMC. 2014
- "Recent advances in Semen analysis and semen banking" Dr. Balbir Singh.2017
- "Lymphoma of Head and Neck" by Dr. Anand S. Lagoo, Professor, Duke University Medical center, USA. 2018
- Surgical pathology workshop by Dr. Tejaswani. 2019



ACTIVITIES DURING COVID PANDEMIC

Faculty and residents are actively involved in fever clinic duties.

Central clinical laboratory is actively involved in providing hematological, clinical pathology and coagulation profile assessment of Covid 19 cases.

Interdepartmental Research project on Covid 19 undertaken.



MENTORING & SUPPORT

- 4-5 students per faculty (Mentor)
- Periodic meetings, counseling with record keeping
- Extra efforts for slow learners

QUALITY CONTROL

- External QC for hematology with AIIMS, New Delhi
- External QC for histopathology with Neu-QAP, Bangalore
- External QC for Cytopathology with TMH, Mumbai.
- EQUAS show good to excellent concordance for the pre-analytical & analytical component.

FUTURE PLANS

- Collaborative work with other institutes.
- Enhanced e-teaching platform for pathology learning.
- More Extramural projects to be taken.
- Upgradation of museum.





FIREFLY

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