



MAEER PUNE'S

# MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH (DENTAL COLLEGE)



Address : Vishwanathpuram Ambajogai Road,  
Latur. 413531 (Maharashtra)

Tel : (02382) 228063, 227703,  
227424

Fax : (02382) 228063

Email : principal@mitmidsr.edu.in  
midsr.latur@gmail.com

Website : www.mitmidsr.edu.in

## Details of ICT Enabled Tools Used for Teaching & Learning

- Each department of institute is well equipped with computers with internet connection, printer, scanner, LCD projector and projector television screens.
- The departments of our institute have sufficient number of e-books, e-journals and CD material that help the students in the interactive learning process.
- The Institute also has a functional digital library with adequate computers having browsing capacities.

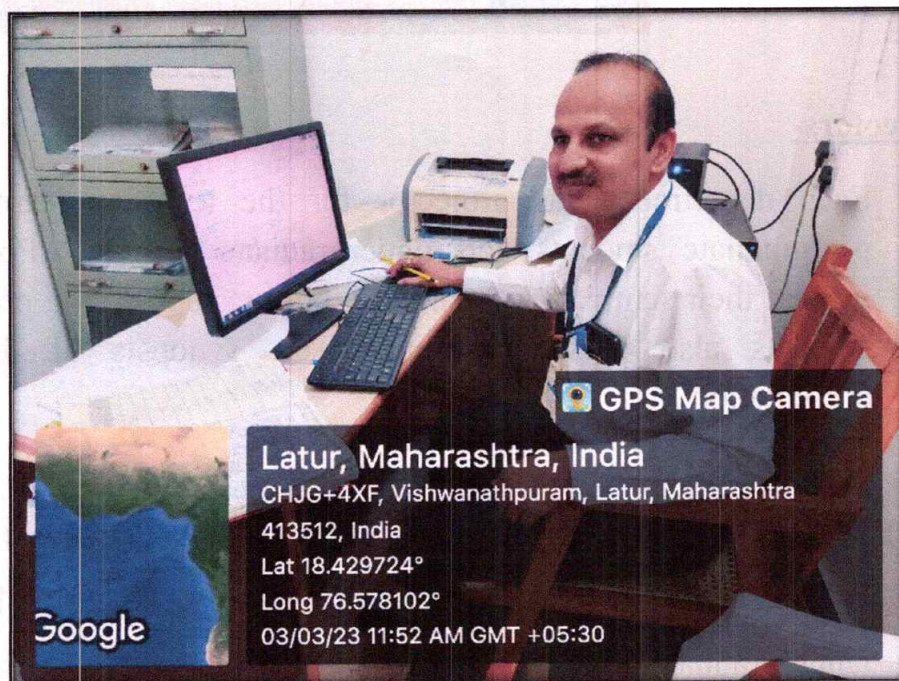
### 1. Computers-

- Departmental computer is utilized as a tool for various teaching learning activities for post graduates as well as under Graduates like maintaining records of attendance, progress reports, seminars, journal club, library dissertations and final dissertations of post graduate students and maintaining records of attendance, seminars presented by under graduate students and internal assessment of undergraduate students.
- Clerk uses the computer for record maintenance, notices and circulars records, internal assessment question paper settings, departmental circulars, biopsy related data entry and reporting entries, other departmental work like file names, museum records, library book records, log books of students, record of wax and plaster models, charts, tooth specimens, etc.
- It is also used by staff to prepare lectures, seminars and presentations. Also maintaining record of research work, academic work and teaching time table for

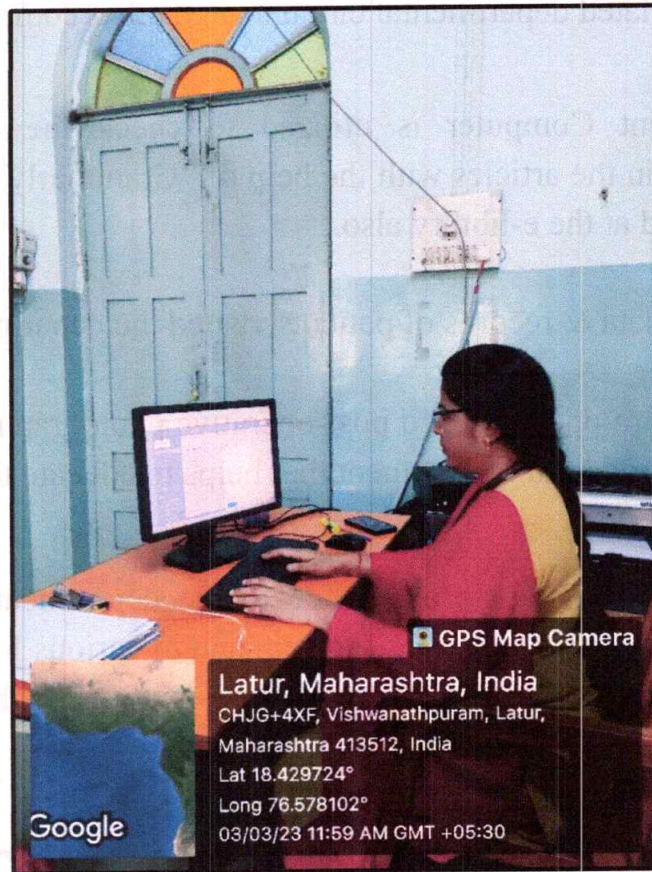
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students. Also maintaining interdepartmental records. Maintaining records of NAAC related departmental circulars and other committee records.

- Department Computer is utilized to check the Plagiarism and Grammar mistakes in the articles with the help of “Grammarly” software, which is mostly performed at the e-library also.
- To store data & records of patients visited the department.
- To store pre-operative and post-operative photographs of IPD patients that were operated under our department that helps to educate the patients.
- All communications from office to the department, from department to the office, from higher authorities, from and to various Institutional committees, via e-mails and also dedicated channel of e-mails through institutional IDs.



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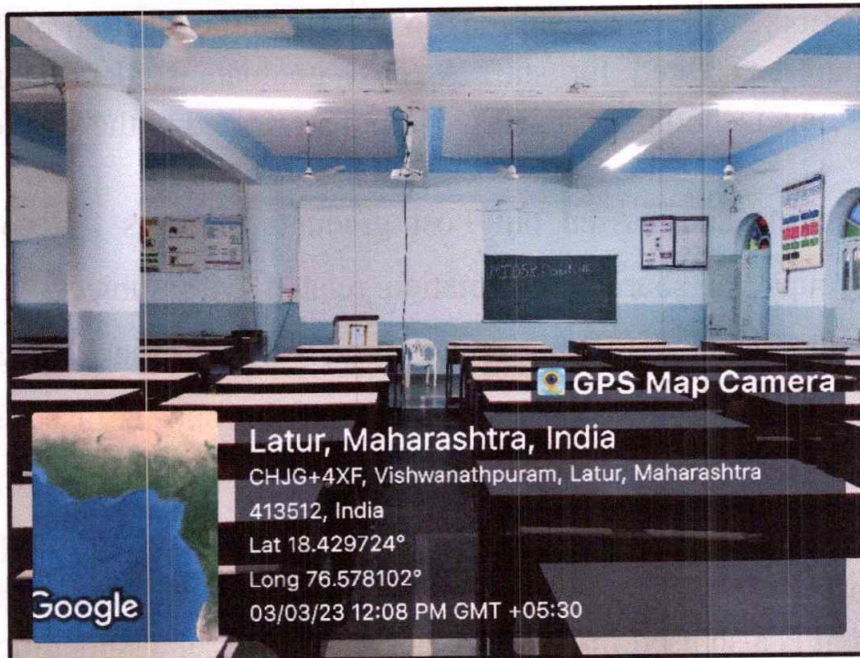


## 2. Projectors-

- Each department has projector for the teaching learning process for the postgraduate students and undergraduate students. Post graduate students present their seminar, journal club, poster, paper using projector. Post graduate students also present special cases, synopsis of dissertation & thesis presentation.
- It is also provided in lecture hall for the undergraduate students for conducting lectures, seminar as well workshops conducted by the department. Undergraduate students also present seminars using projector. Also, during practical classes, carving video demonstrations and slide show of histology diagrams for students.

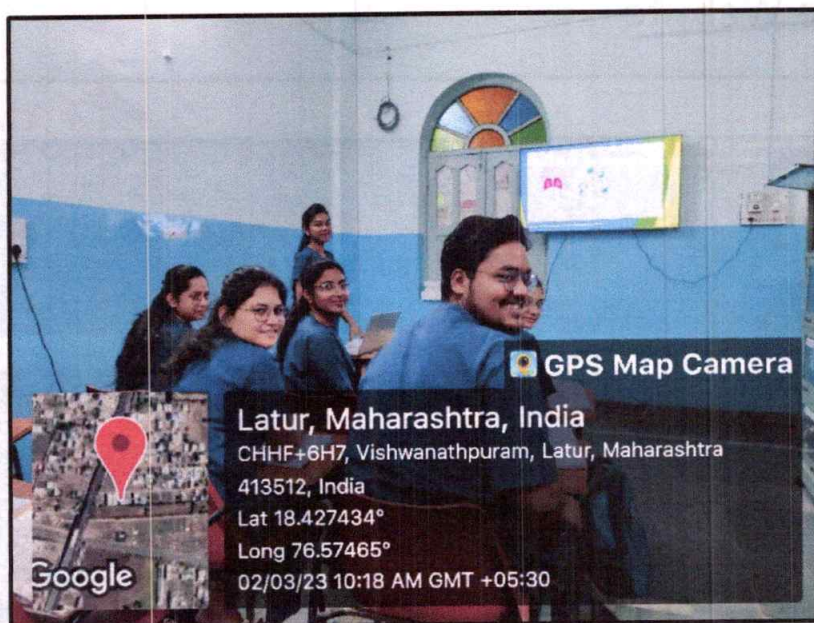
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- They are also used for various Continuing Dental Education Programs organized by the Institute/ Department/ or Committee.



### 3. Television-based LCD Projection System:

- Every PG seminar hall has one television-based LCD projection system which enables qualitative presentations. The system can be attached to laptops, CPUs, or other aids to project and run various media and presentations.

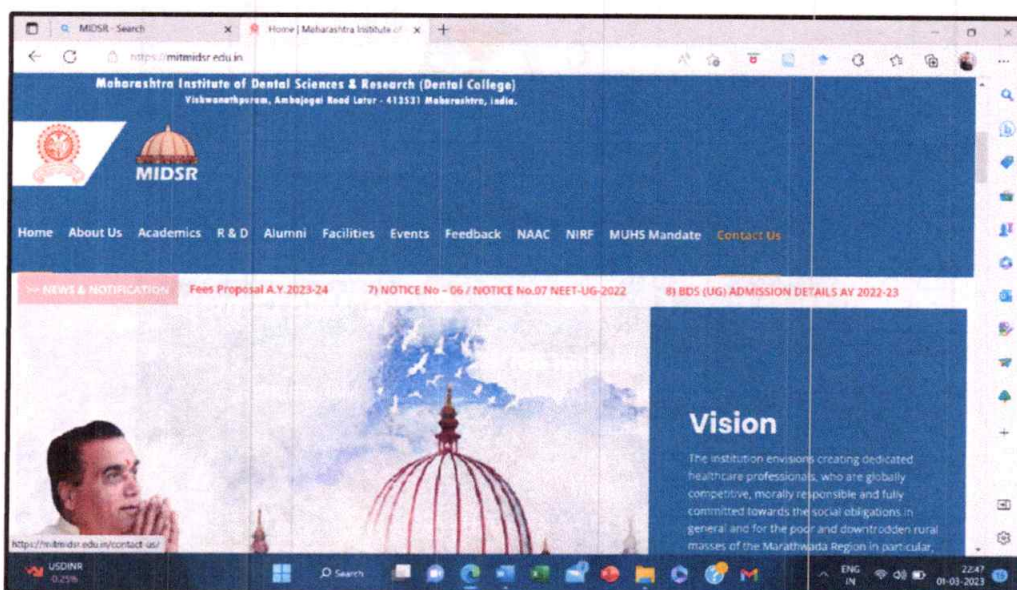


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#### 4. Social media -

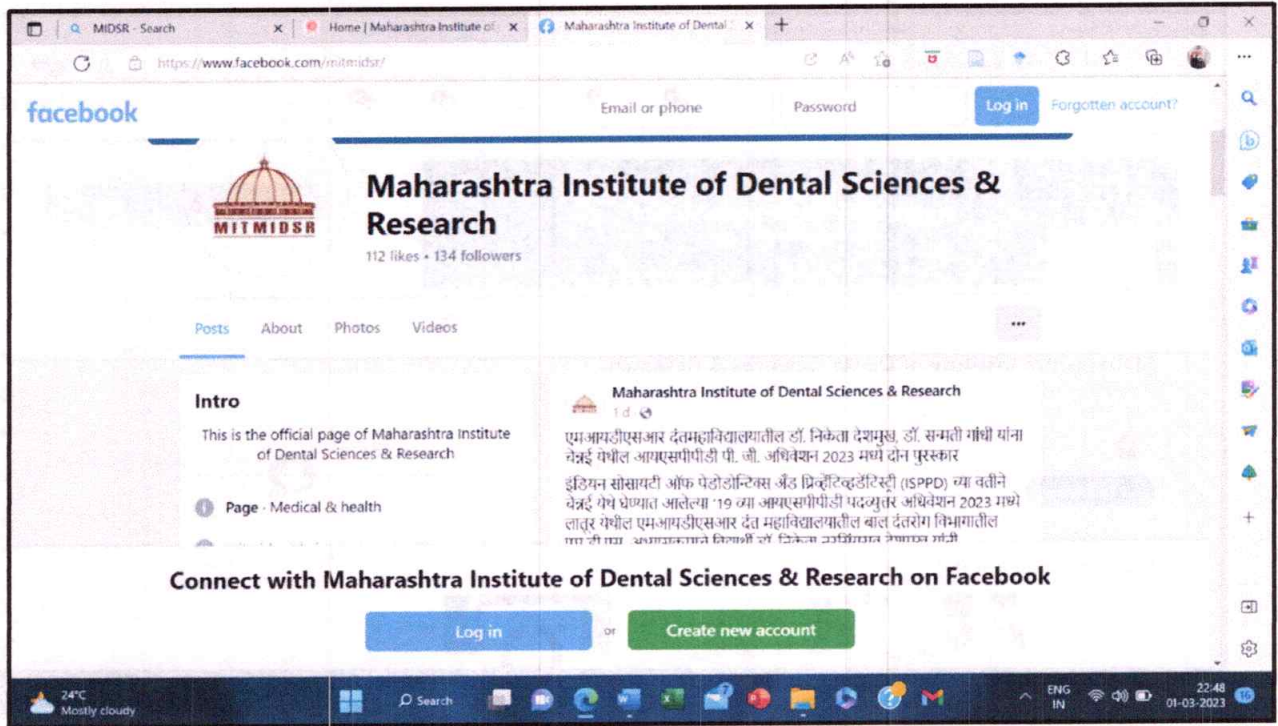
- Post graduate and undergraduate students use social media to share & get instant quick information, reviews & solutions to their dental education problems. On social media a group is created for staff & post graduate students for the discussion regarding the new technology, articles, equipment related to the subject, etc.
- Departmental staff and passed out Post graduate students are connected through WhatsApp groups for sharing information related with subject. Inter departmental staff and administrative staff WhatsApp group created for sharing regarding programs to improve education. Departmental WhatsApp group is used to communicate regarding college circulars, taking emergency/medical leave in case of network issue.
- WhatsApp group of staff and UG students for work update as submission of journals and carvings. It is also used for theory, practical classes and sometimes revision practical communication.
- Creating lecture material rich with visuals will help students follow along with your content as easily as if they were with you in the classroom. Instead of having just an audio recording of lecture material, including visuals allows students to put context behind the recorded lecture.

- **College Website**

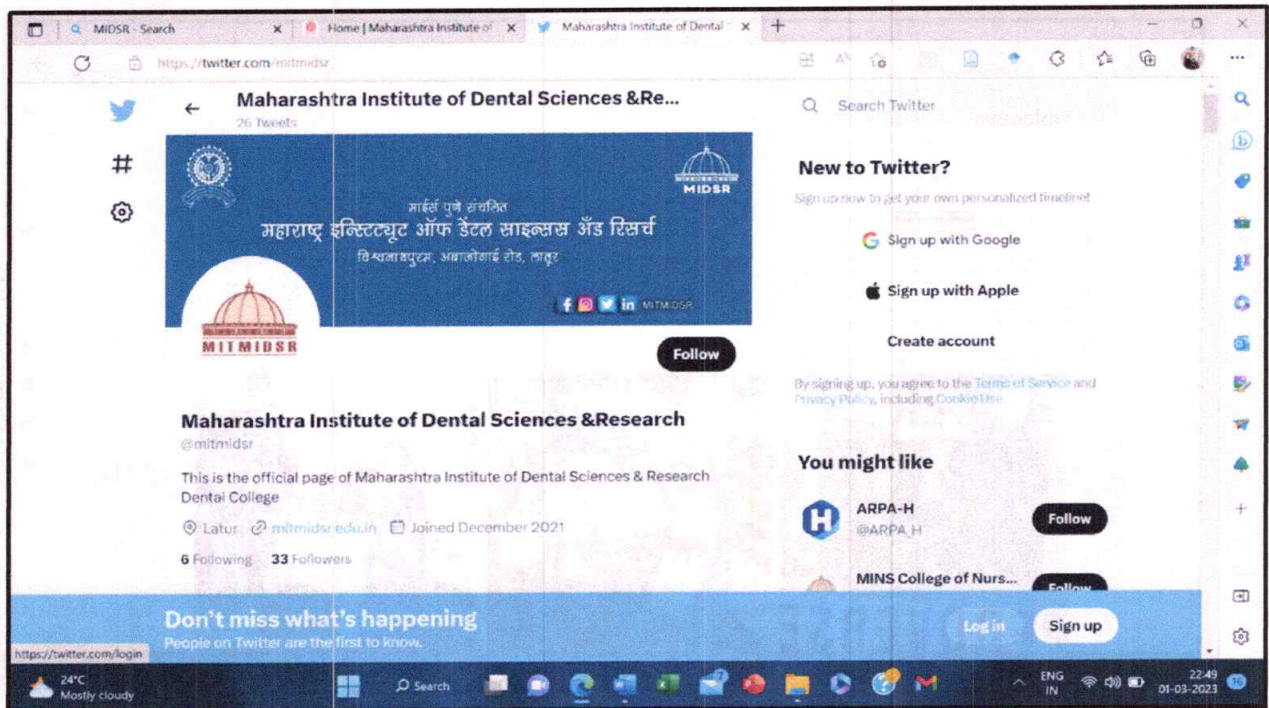


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- Facebook Page

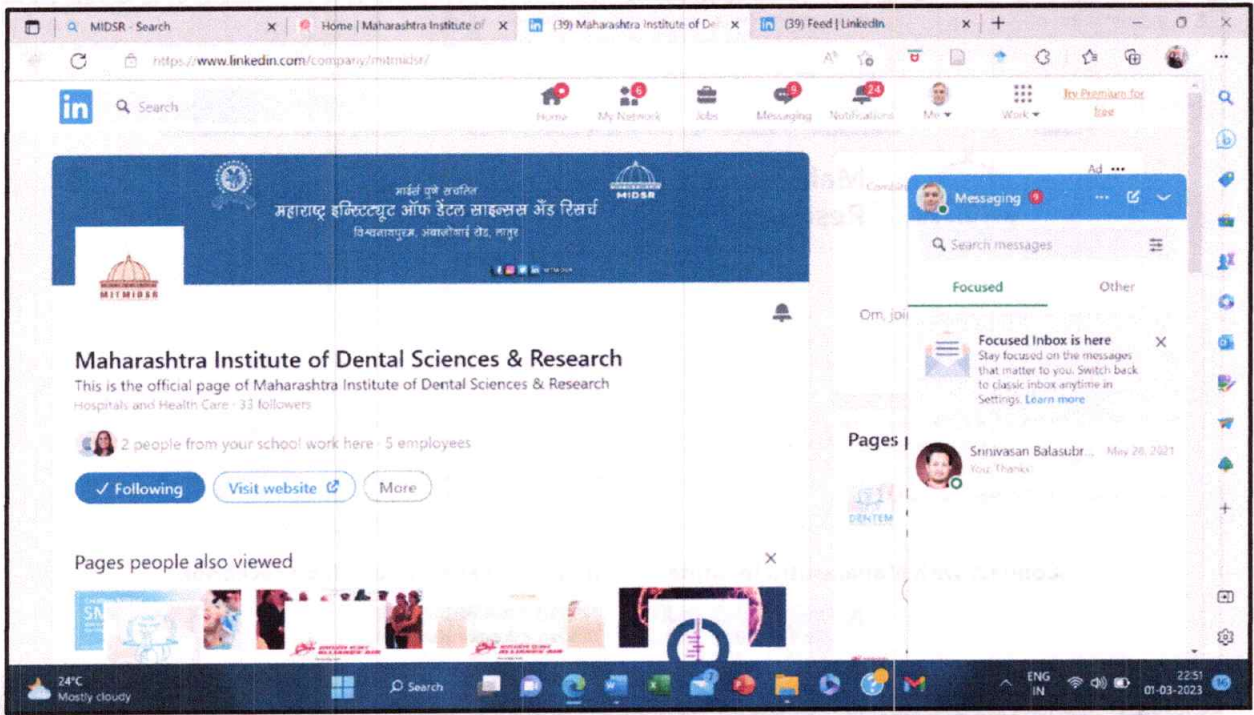


- Twitter page

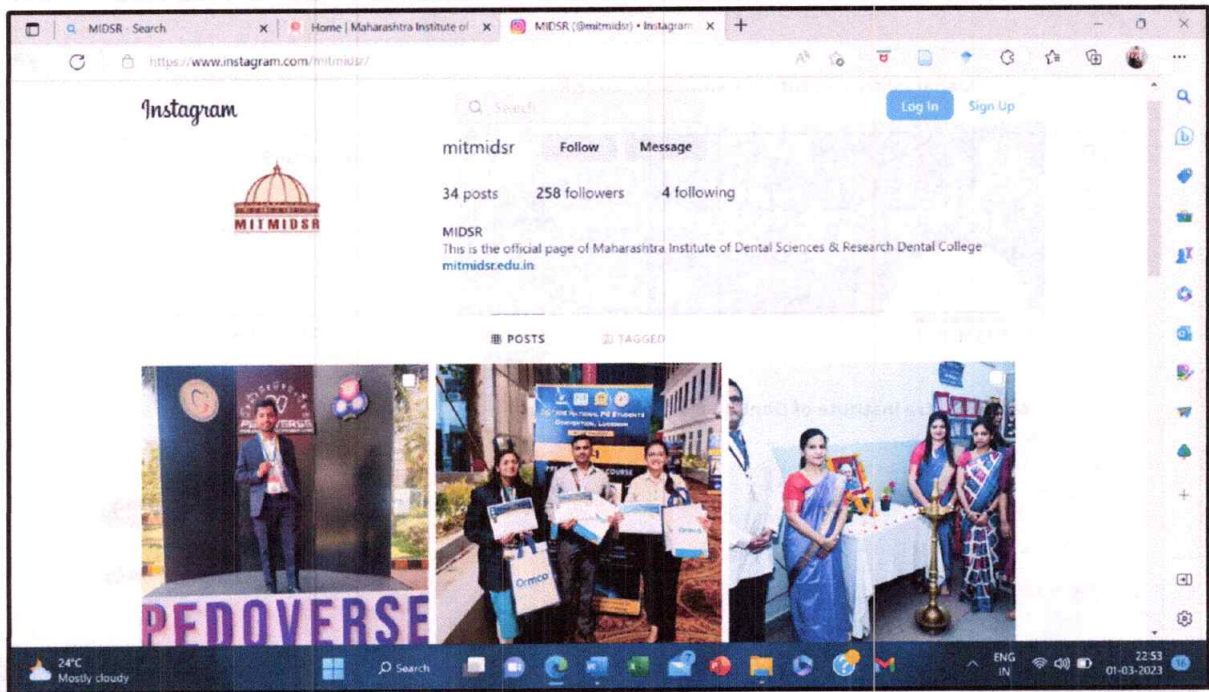


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- **Linked In Profile**

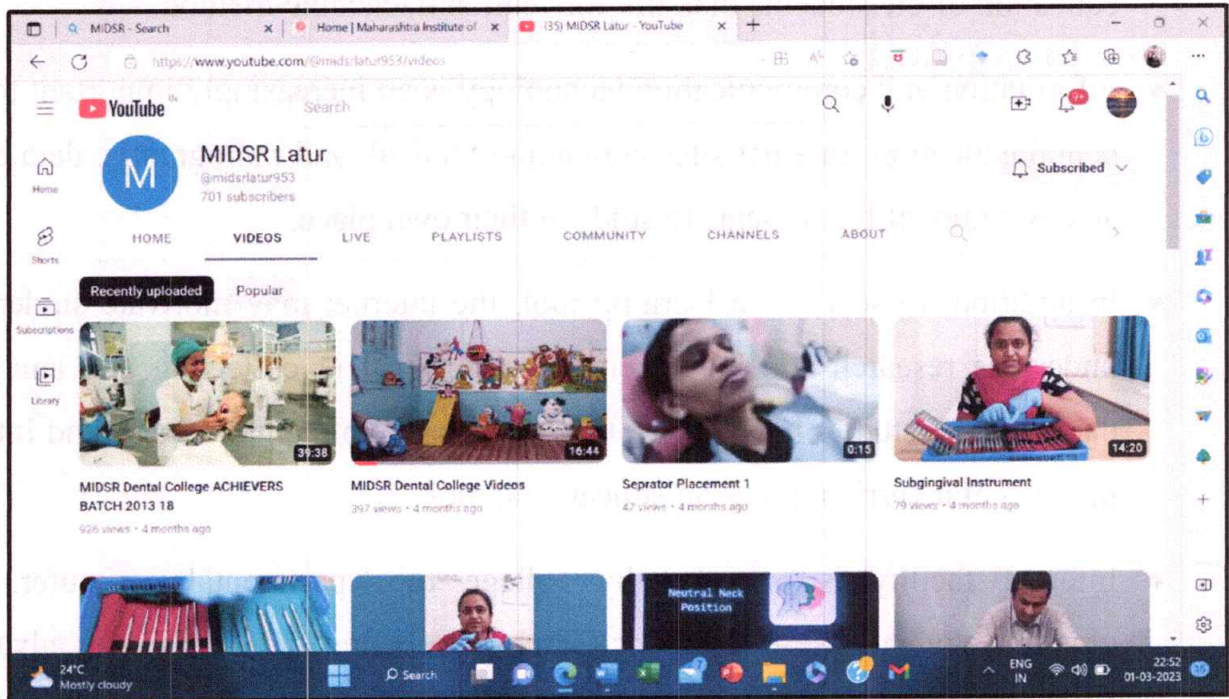


- **Instagram page**

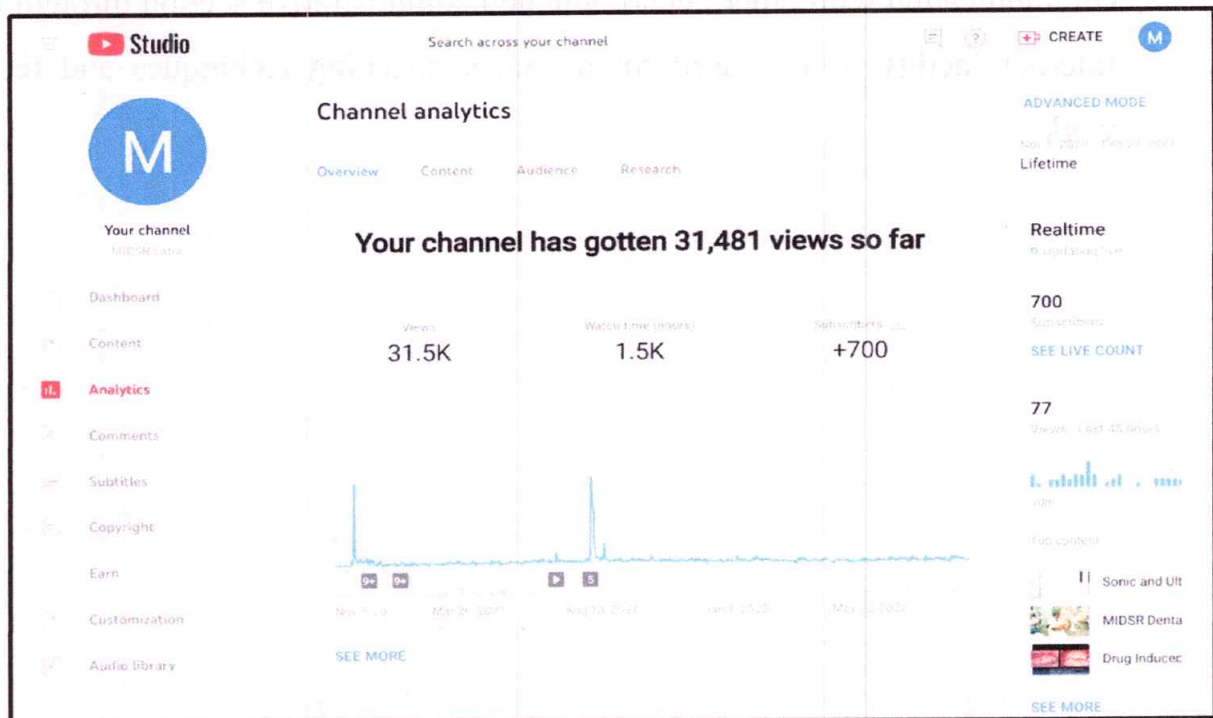


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- YouTube Channel



- YouTube statistics



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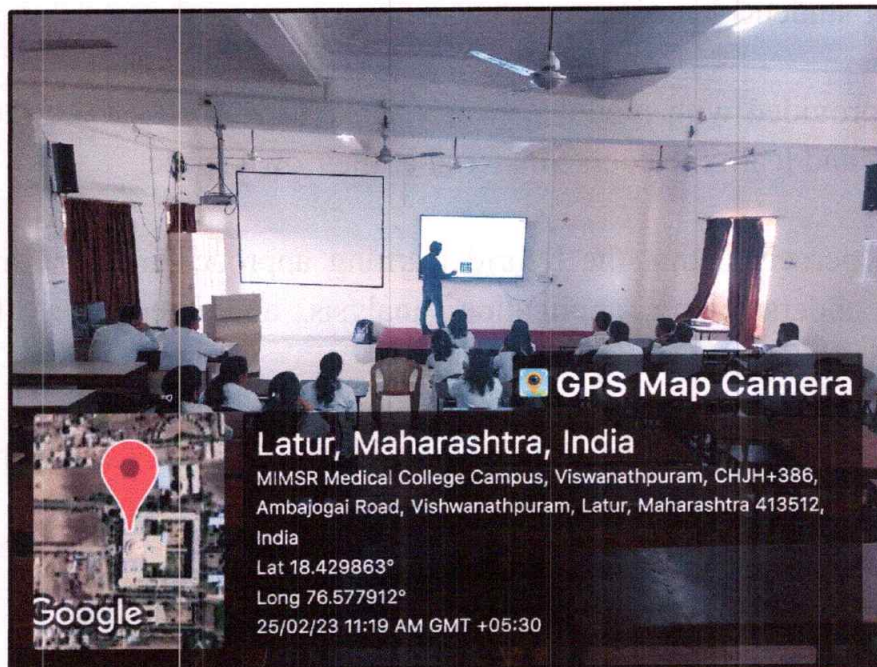
## 5. Internet aids -

- Internet aids in updating the student's knowledge with the current scientific information. In addition, internet-based learning improves the quality of education of the students than the conventional teaching method.
- Information and communication technology is an increasingly important tool in dental education. Internet sites containing clinical, and radiographic data create an environment for students to study at their own place.
- In addition, to serve as a learning tool, the internet may motivate students to undertake research and help them develop skills in collecting and analyzing data. Several studies have shown the potential use of computers, IT and Internet in the dental curriculum as an educational tool.
- Internet facility is provided by college to departmental computer. Post graduate students use internet for searching reference articles, newer advances, educational videos and demonstrations. Profile of each patient is updated in the software including diagnosis, treatment plan and work done in the department by clerk under supervision of in charge staff. It is also useful for communication with other department and administrative section through LAN. Internet facility is also used for advanced teaching techniques and research work.

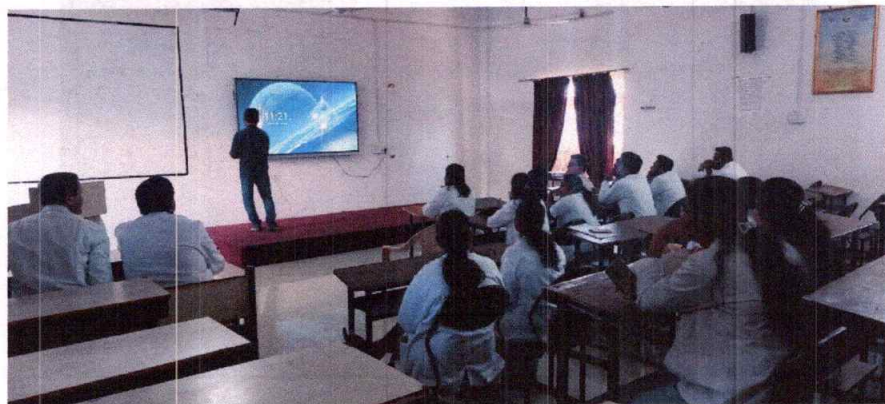
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## 6. Smart board:

- A state-of-the-art advanced smart board for teaching-learning process is installed at the main classroom.
- It is True view smart board interactive flat panel having 86-inch display. It also has a white board function and runs on Android-11 operating system with Intel-i5 processor. It also has inbuilt 2 TB storage and connected to internet with multi-screen projection.
- It will help students immensely.



Smart board:

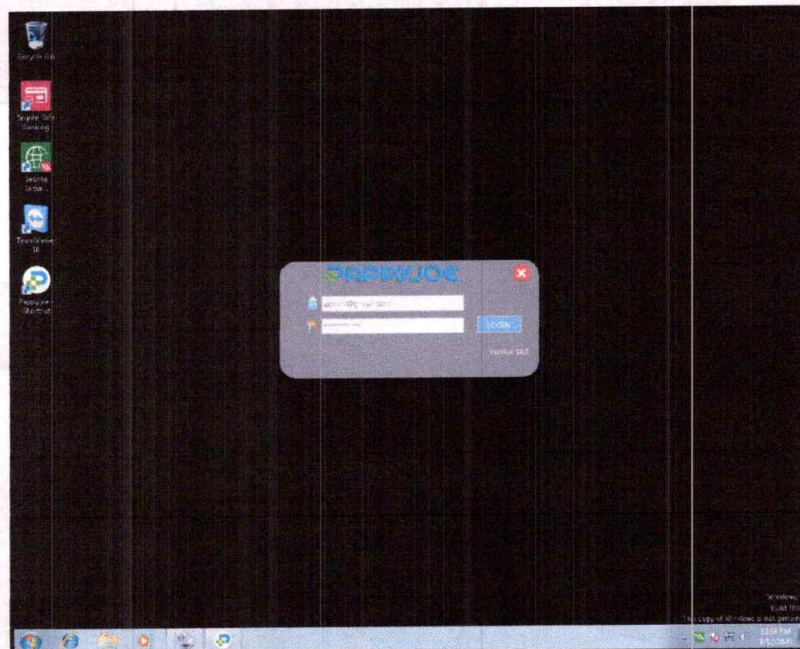


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## 7. PPT presentations & spotter demonstrations-

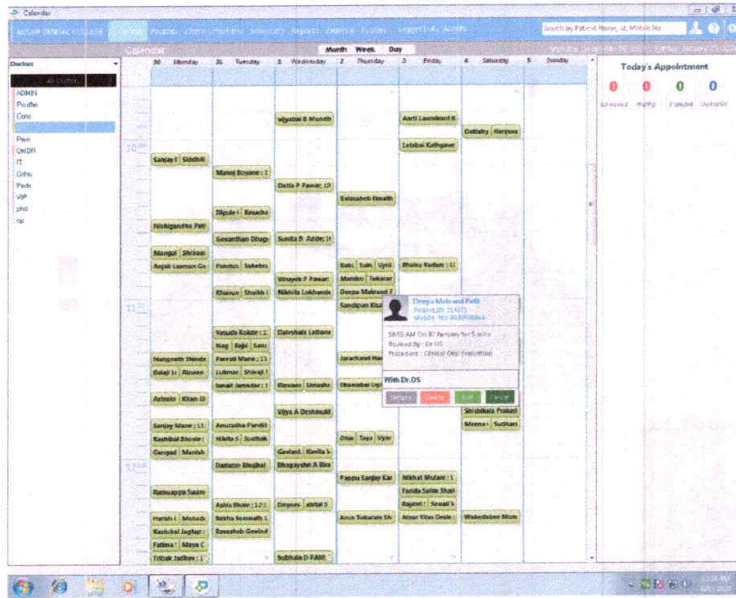
- UG and PG students by the use of MS PowerPoint effectively and videos for better visualization and understanding of complicated audio-visual multimedia; power point presentations, and video conferencing are created, In addition to conventional classroom teaching, most of the lectures are taken with the aid of ICT facilities such as multimedia (LCD projector and PowerPoint).
- Different demonstrations in the form of videos & seminar are also available in the department for students learning process.
- Students are provided with modules which allow them to review a recorded lecture multiple times and learn the course material at their own space.
- Students also perceived that the hybrid learning approach in department promote better recall, understanding, application, analysis, and integration of the material compared to a traditional lecture-based course.

## 8. Pappyjoe Software :- For Patient Data Management (MIDSR Campus) (Purchased On - 30.11.19)



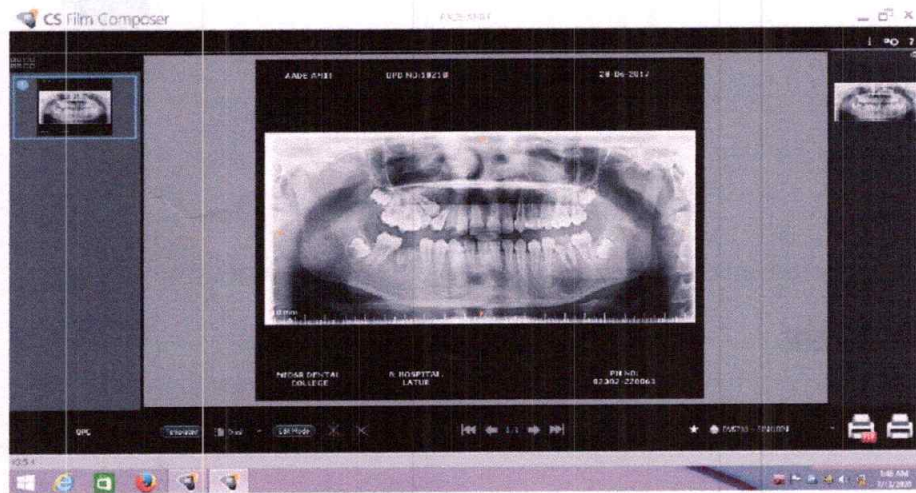
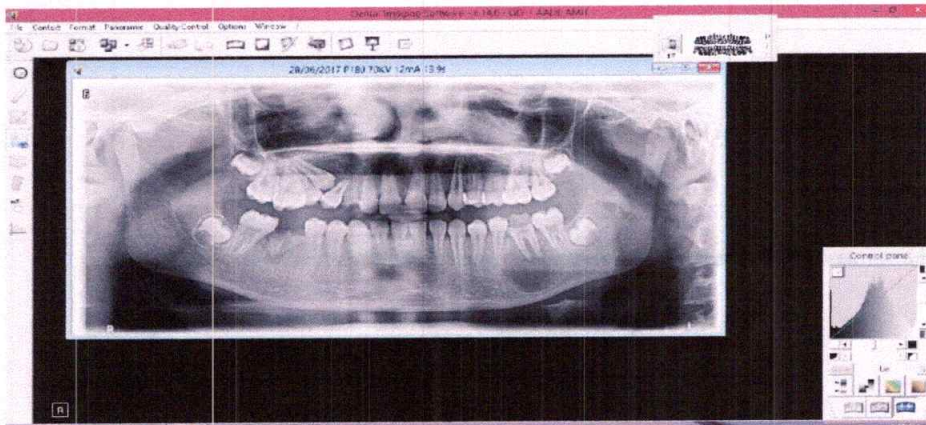
**Profile Page**

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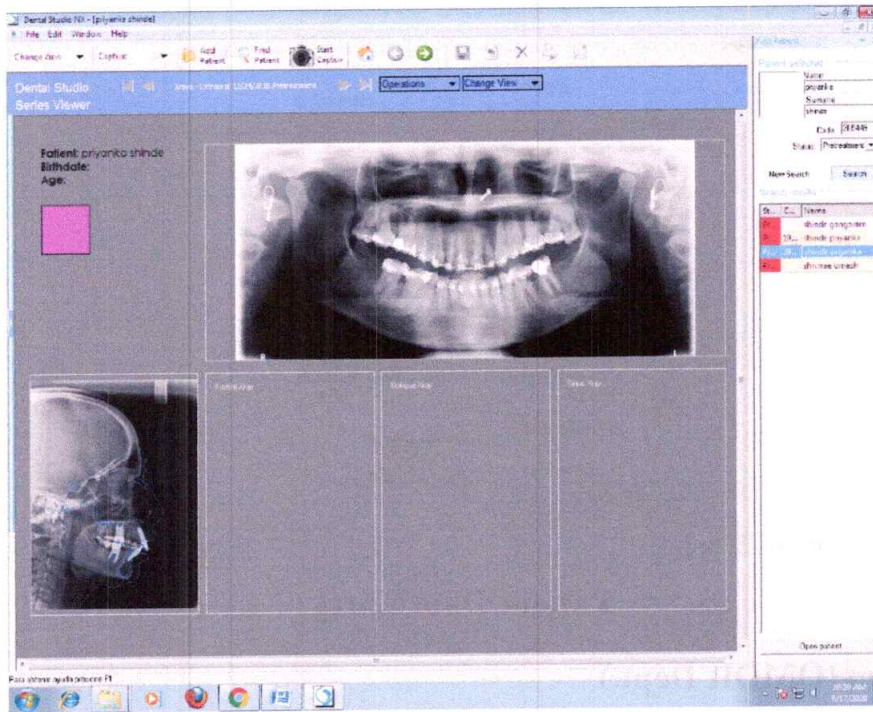
**Patient Data Entry**

**9. OPG System (OMDR Dept.)**

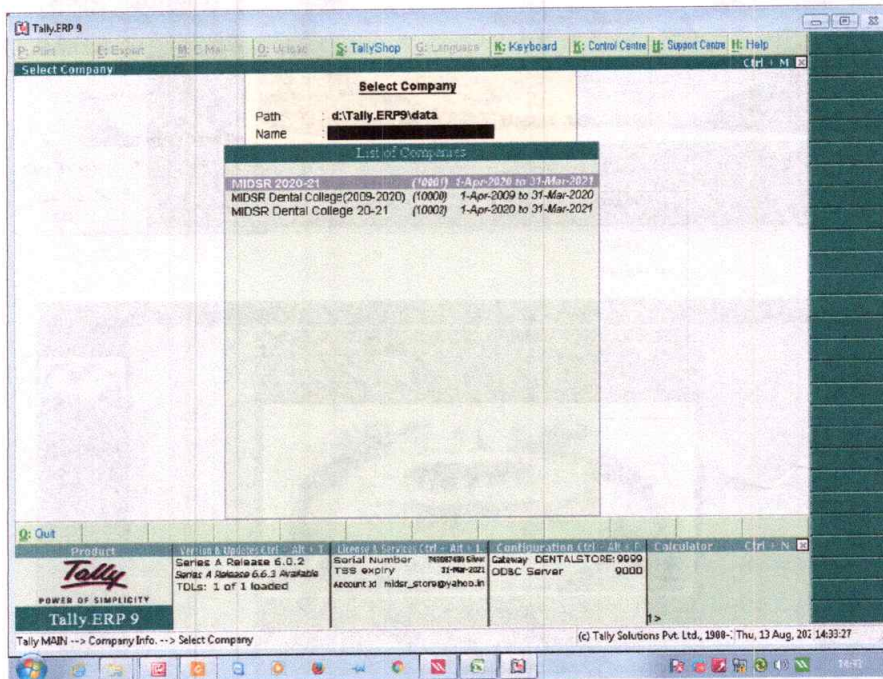


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## 10. Nemotec (Ortho Dept.) (Purchased On - 16.12.13)

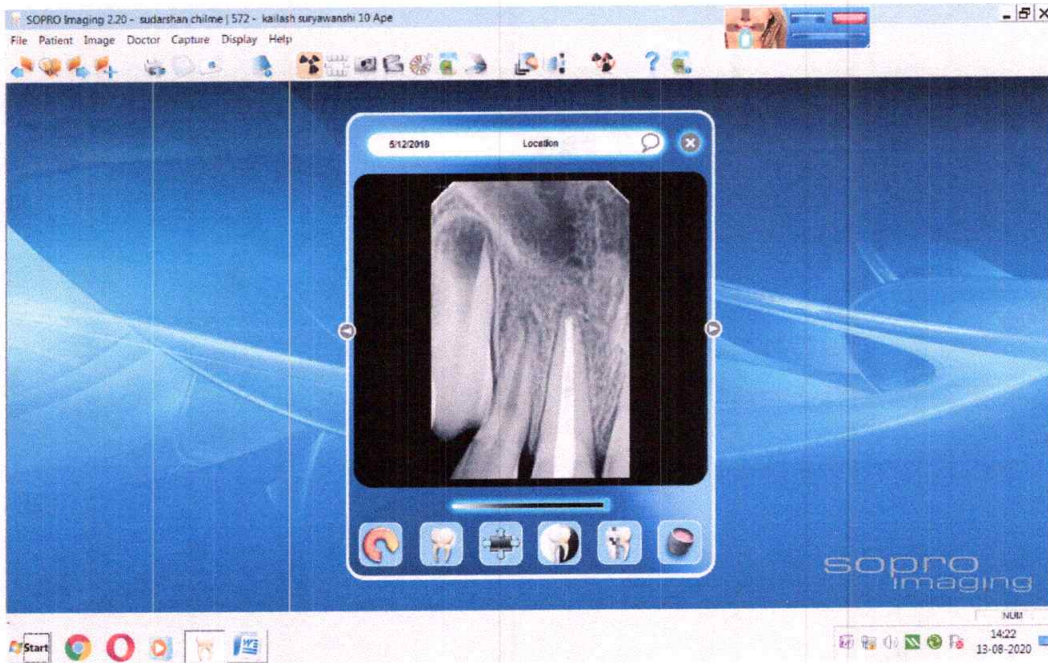
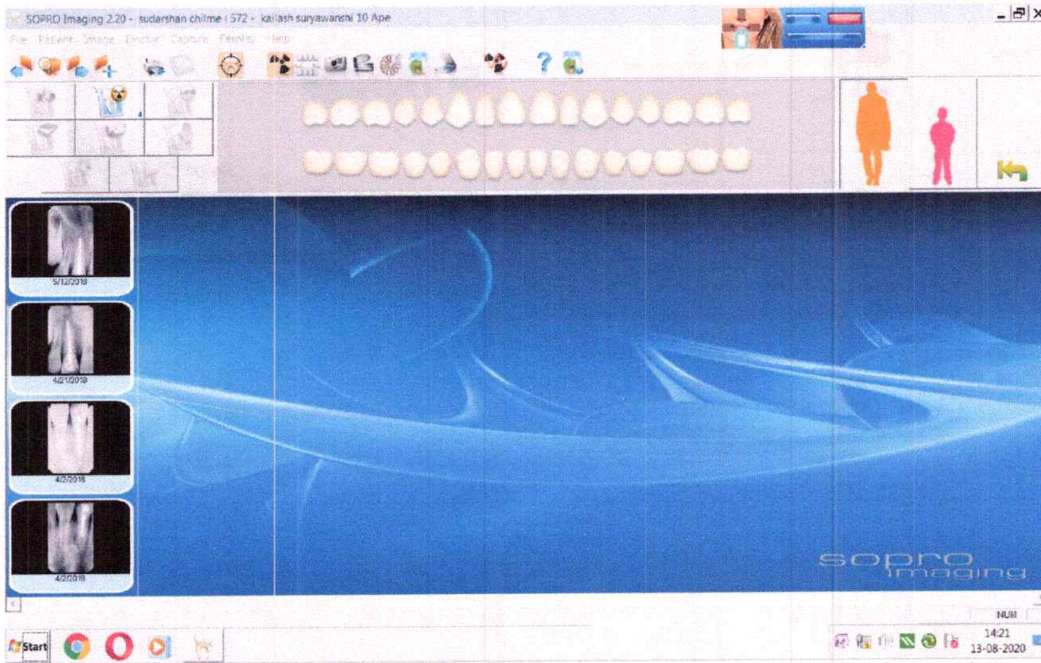


## 11. Tally for Accounting Software



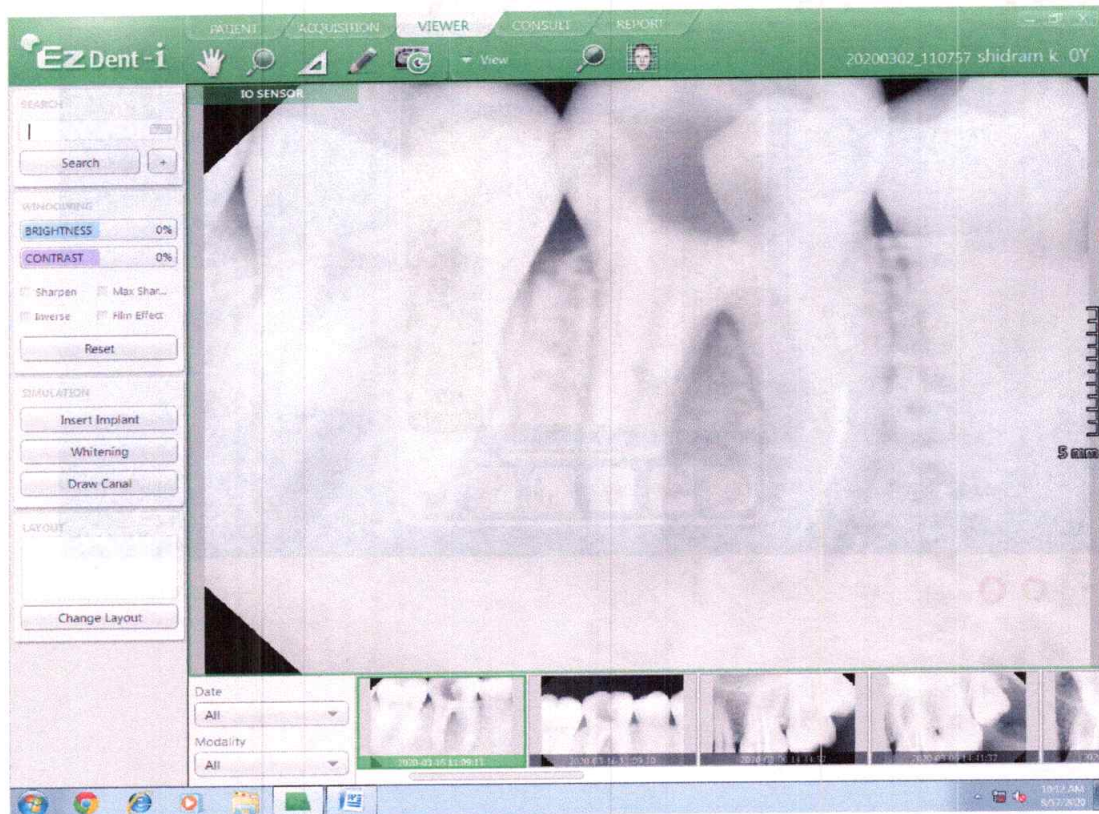
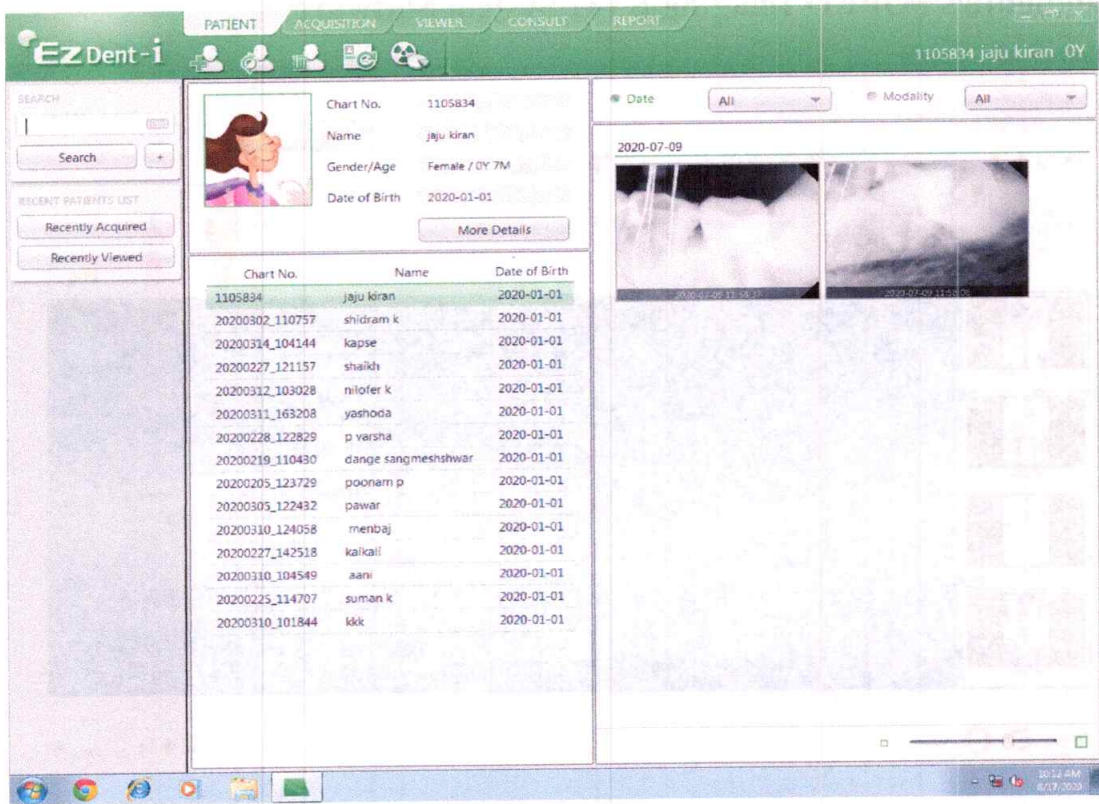
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## 12. Pedodontics SOPRO Imaging RVG System Software



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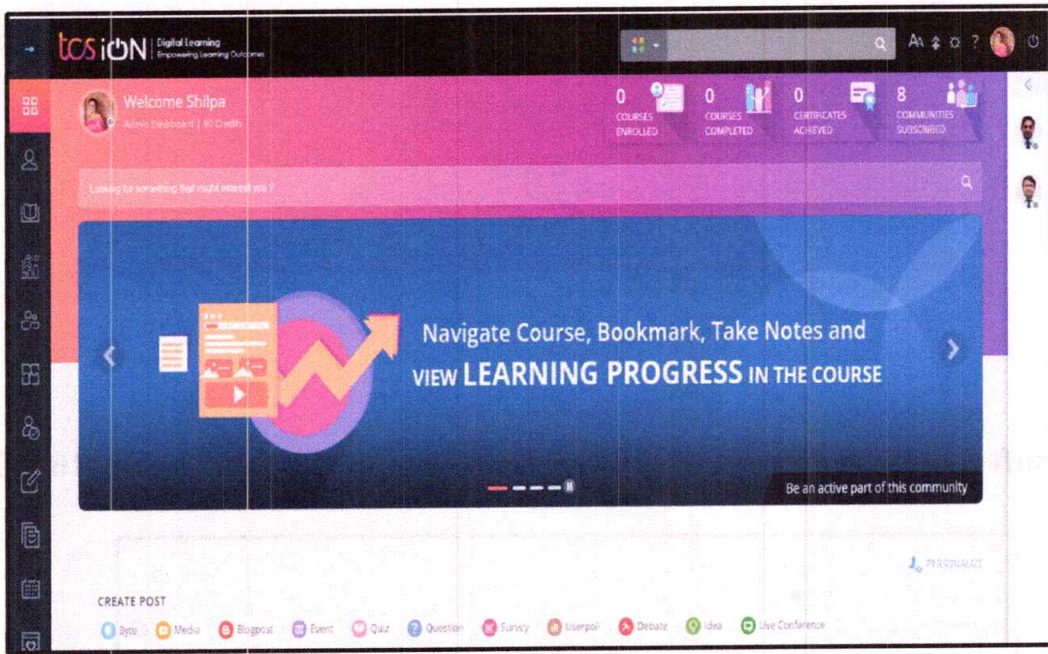
### 13.RVG with Vatech software.



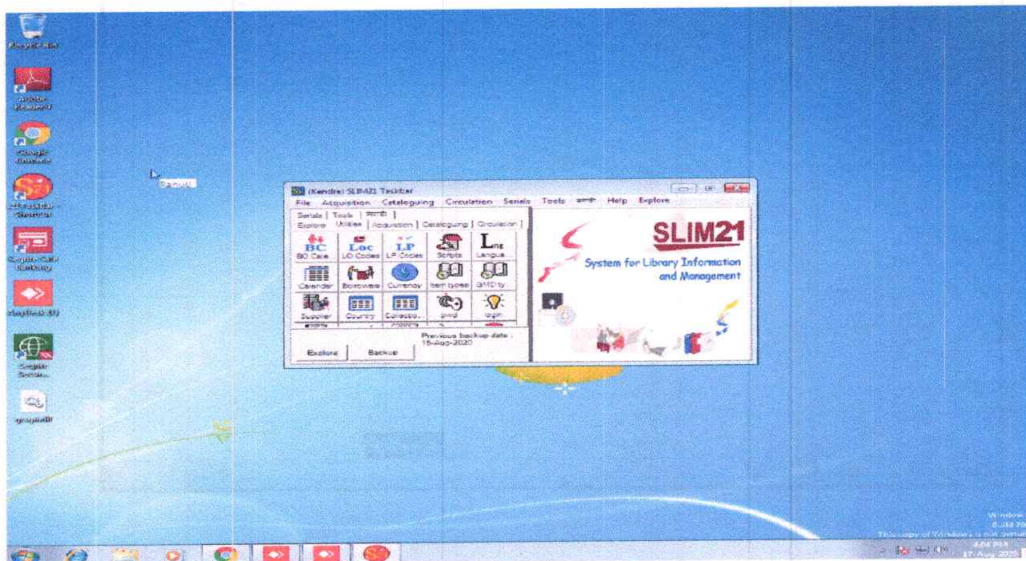
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#### 14. Tata Consultancy Services TCS-Ion Service Software:

- It is a part of Digital Learning Management System (LMS).
- Our institute is in the process of implementing LMS from Tata Consultancy Services (TCS) which is proprietarily available as TCS-Ion, the acquisition of which is completed.
- Once implemented it will take care of student attendance, lecture schedule, e-learning/ e-resource platform, student warning systems, lecture database, teacher database, student communications, etc.

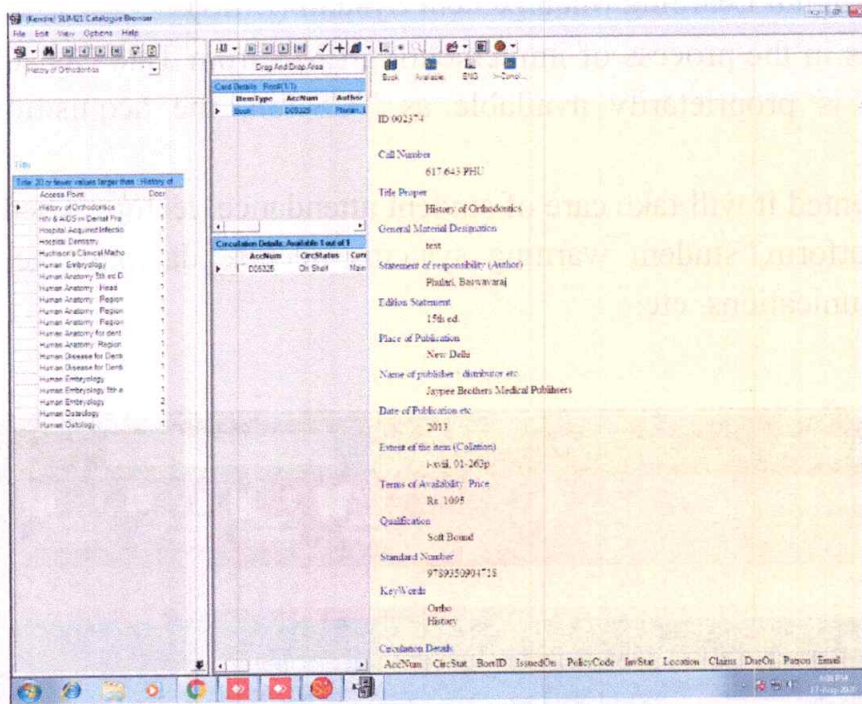


#### 15. Slim Software for Library Books Management (Purchased On - 16.12.13)

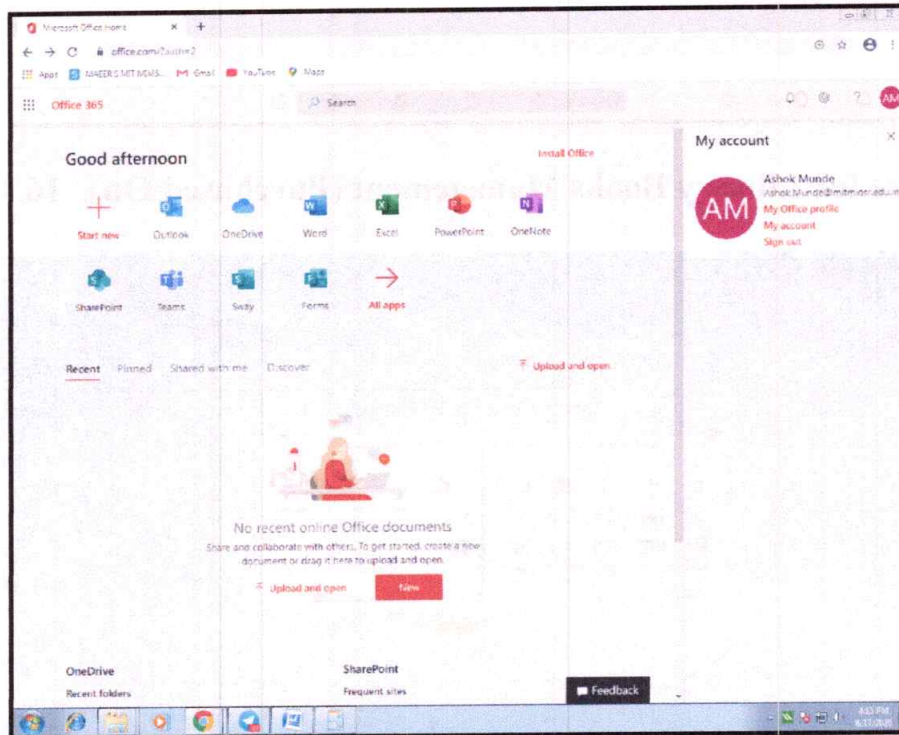


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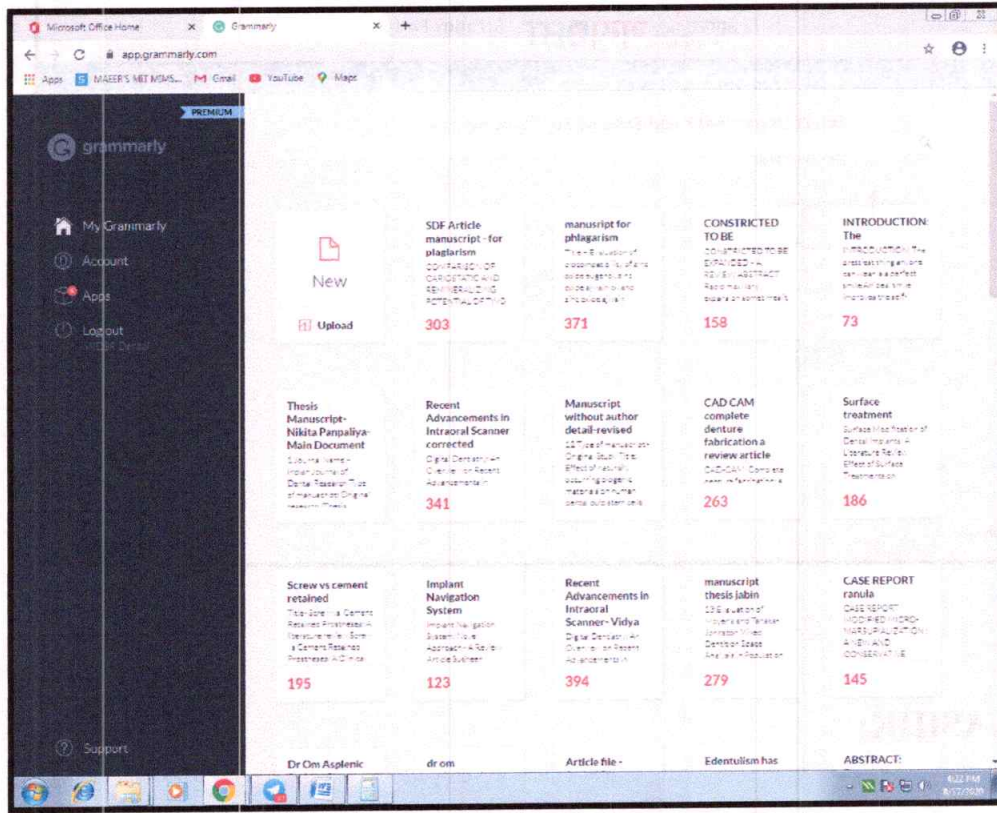


**16. Microsoft Team Software For Online Training: - (Purchased On - July-2020)**



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## 17. Grammarly Software (Purchased On - 15.01.18 & 15.06.2020)



## 18. Internal Assesment Marks:

practical.muhs.edu.in/exam/marks\_college/marks.aspx

MUHS, Nashik Downloads (PRIA) Internal Assessment Practical Appointments Practical Marks Contact Us dearpn\_2403

### Online Int. Assessment Marks Submission

**IMPORTANT:** After Submission of All Subject in a Class/Year, Yearwise PRINT FINAL MARKLIST table will appear and Click "PRINT FINAL MARKLIST", take signs of all Students and HODs and submit one Hardcopy to MUHS and keep one copy at college.

#### YEARWISE Marklists

| Centre | Course           | Print FINAL MARKLIST |
|--------|------------------|----------------------|
| 114103 | FOURTH BDS (NEW) | Print FINAL MARKLIST |
| 114103 | FOURTH BDS (OLD) | Print FINAL MARKLIST |

#### Submitted Marklists

| Centre | Course           | Subject                                   | Marklist Submitted On |
|--------|------------------|---|-----------------------|
| 114103 | FOURTH BDS (OLD) | Periodontics                              | 2020-05-29 10:03:20   |
| 114103 | FOURTH BDS (OLD) | Orthodontics                              | 2020-05-29 10:02:44   |
| 114103 | FOURTH BDS (OLD) | Oral Medicine and Radiology               | 2020-05-29 10:03:50   |
| 114103 | FOURTH BDS (NEW) | Public Health Dentistry                   | 2020-05-29 10:31:24   |
| 114103 | FOURTH BDS (NEW) | Periodontology                            | 2020-05-29 11:37:14   |
| 114103 | FOURTH BDS (NEW) | Orthodontics and Dentofacial Orthopaedics | 2020-05-29 11:40:06   |
| 114103 | FOURTH BDS (NEW) | Oral Medicine and Radiology               | 2020-05-29 11:40:52   |
| 114103 | FOURTH BDS (NEW) | Oral and Maxillofacial Surgery            | 2020-05-29 11:42:15   |
| 114103 | FOURTH BDS (NEW) | Conservative and Endodontics              | 2020-05-29 11:42:55   |
| 114103 | FOURTH BDS (NEW) | Prosthodontics and Crown & Bridge         | 2020-05-29 11:43:49   |

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## 19. SOCIAL WELFARE OFFICE:

dbtworkflow.mahaonline.gov.in/CollegeScrutiny/DashBoard/Collegehomepage

Welcome to Apple Sarkar Direct Benefit Transfer Scrutiny Portal

Select Department and Scheme For Scrutiny

Department Name\*  
Directorate of Medical Education and Research

Scheme Name\*  
Rajawade Chhatrapati Shahu Maharaj Fee Reimb

Financial Year\*  
2019-2020

Select Scrutiny For\*  
Second Installment

Submit

## 20. MUHS NASHIK:

Not secure: emuhs.muhsresult.in/admin/itu\_enrollment.php

MUHS

College Name : Maharashtra Institute of Dental Sciences and Research (Dental College) Latur

User Type : College Coordinator BA0927

Academic Year: Select

Course Level: Select

Course: Select

Branch: Select

Exam: Select

Send Credentials

| No. | Name of the Student | Gender | Birth Date | Admission Date | Quota | Domicile State | Student Category | Admitted Category | CET Type | CET Marks | Action | Message | Student Status |
|-----|---------------------|--------|------------|----------------|-------|----------------|------------------|-------------------|----------|-----------|--------|---------|----------------|
|-----|---------------------|--------|------------|----------------|-------|----------------|------------------|-------------------|----------|-----------|--------|---------|----------------|

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## 21. DENTAL COUNCIL OF INDIA

The screenshot displays the 'Student List' management page on the DCI portal. It includes a search form with fields for Student Name, Student Roll No., Academic Year (set to 2020-21), Course (set to MDS), and Specialization. Below the search form is a table with 8 records.

| S.No. | Roll Number | Student Name               | Father's Name            | Course | Specialization         | Academic Year | NET Score | Date of Admission | Category | View | Delete |
|-------|-------------|----------------------------|--------------------------|--------|------------------------|---------------|-----------|-------------------|----------|------|--------|
| 1     | 1955222460  | KHARDE ARCHAN ADWIN        | Khase Anil Dnyanoda      | MDS    | Conservative Dentistry | 2020-21       | 477       | 28 Apr 2020       | OBC      | View | Delete |
| 2     | 1955217495  | WANKHEDDE VISHALI RAJENDRA | Rajendra Suresh Wankhede | MDS    | Conservative Dentistry | 2020-21       | 591       | 29 Apr 2020       | OBC      | View | Delete |
| 3     | 1955223070  | SADE SHITAL SURESH         | Suresh                   | MDS    | Conservative Dentistry | 2020-21       | 618       | 30 Apr 2020       | OBC      | View | Delete |
| 4     | 1955223331  | YOTSNA HARISHCHANDRA CHATE | Harishchandra Chate      | MDS    | Orthodontics           | 2020-21       | 597       | 28 Apr 2020       | OBC      | View | Delete |
| 5     | 1955217281  | JAYSHREE ANKITA GANGADHAR  | Gangadhar Jayshree       | MDS    | Orthodontics           | 2020-21       | 578       | 28 Jul 2020       | OBC      | View | Delete |
| 6     | 1955216990  | SAHILU SOHAS DESHMUKH      | Sohas Udaysinh Deshmukh  | MDS    | Orthodontics           | 2020-21       | 380       | 28 Jul 2020       | OBC      | View | Delete |
| 7     | 1955222891  | DANAVE SAMRUDDHI PRADEEP   | Pradeep Danave           | MDS    | Oral Surgery           | 2020-21       | 508       | 29 Apr 2020       | OBC      | View | Delete |
| 8     | 1955222498  | SOBATE AMY MADHUKAR        | Madhukar                 | MDS    | Oral Surgery           | 2020-21       | 468       | 29 Apr 2020       | OBC      | View | Delete |

## 22. Swayam portal/ NPTEL Local Chapter:

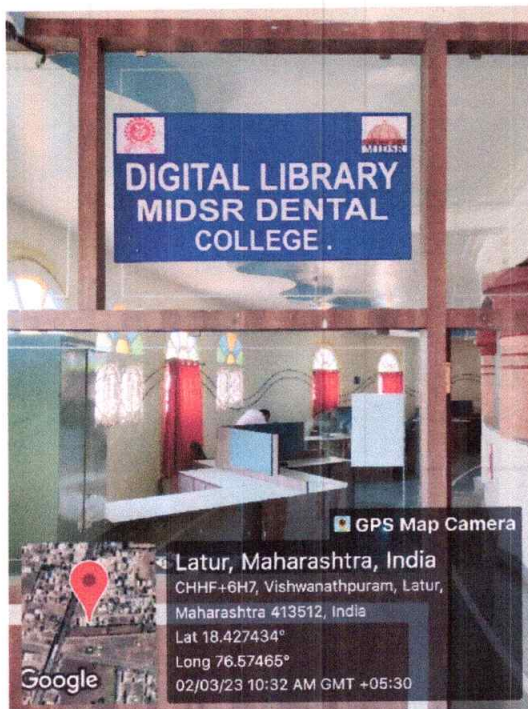
The screenshot shows the NPTEL Local Chapter page for Maharashtra Institute of Dental Sciences & Research. The page includes the following information:

- NPTEL** Initiatives Programs NPTEL STARS More Log in
- NPTEL > Local Chapter
- MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH**  
VISHWANATHPURAM, AMBAJOGAI ROAD, LATUR-413512  
Url: <https://mitmidsr.edu.in/>
- SPOC Name - MRS. KALPANA PHAD**  
Designation - ASST. LIBRARIAN  
Partnering since - 2023-02-21  
College Id - 5702 Institute Type - MEDICAL
- NPTEL is very happy to be associated with MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH institute and its students. We are thankful to MRS. KALPANA PHAD for being a pillar of support in NPTEL initiatives.
- Course Run Present Gold Elite Silver Successful Participation Topper Rating NPTEL Stars

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## 23. Digital & e-libraries:

Access to various e-journals and other databases has been facilitated. The library is equipped with e-resource materials (e-books and e-journals) which are loaded in the system and can be accessed by the students and faculty. Timely subscription of e-journals and hard copies ensures regular updates. All the academic e-records are stored in department. We have a functional digital library with 18 operational work-stations.



## 24. IT Centre:

Dedicated IT Center at MIDS R Dental College is managed by qualified technicians. It offers technical services and assistance and operates the ICT infrastructure of the College.

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