

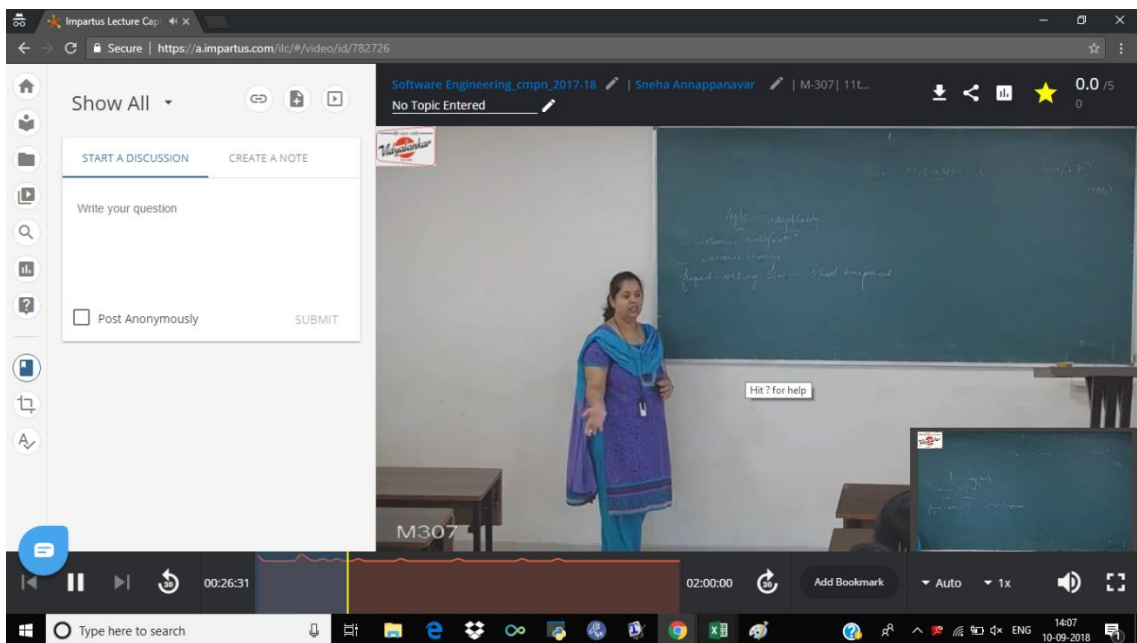
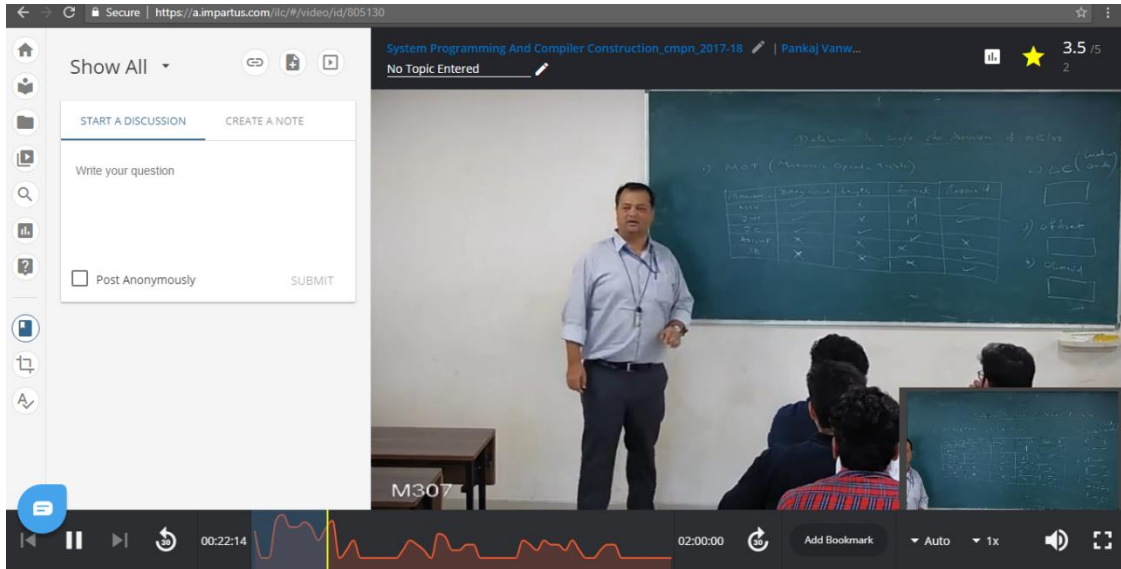
Information Technology has taken the world by storm. E-learning is the use of electronic educational technology in teaching and learning. Computers have become increasingly common in the classroom and the increasing access to computers is also changing the way classes are taught. Not only is the popularity of technology increasing because of its increasing availability, but also because of the capabilities of technologies that traditional classroom materials such as chalk and blackboard alone do not provide. Vidyalankar has always been a step ahead when it comes to using technology for benefit of students. The institute has a digitally enabled learning environment. Academic administration plans, assignments, solutions after examinations, quizzes, lecture presentations, syllabus, study material etc. are all made available to students.

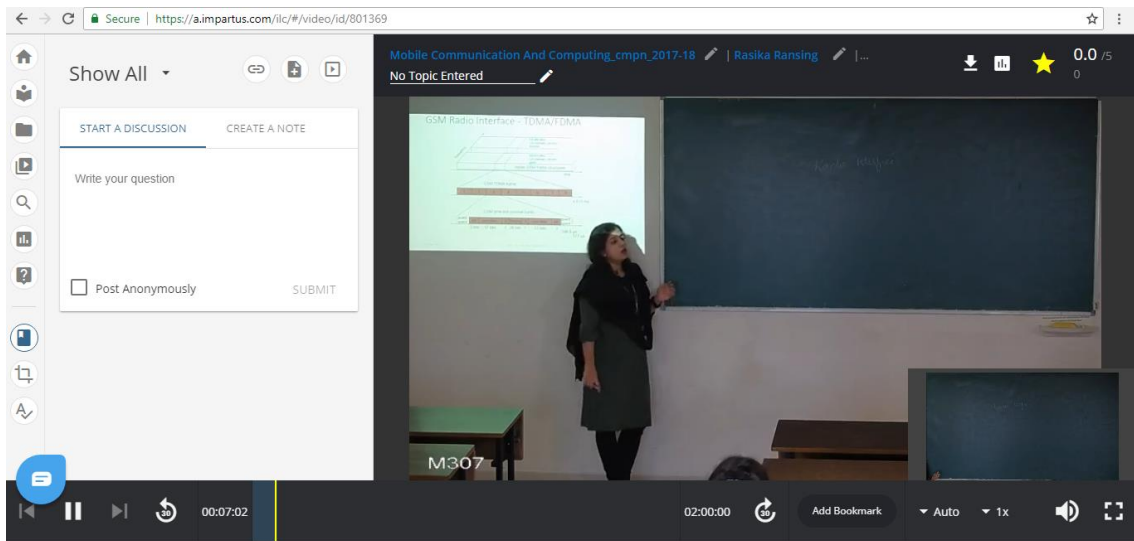
The following are some more e-learning methods which reinforce this view for the benefit of the student community.

| <b>Name of the e-content development facilities</b>                         |
|---|
| Lecture Capture system.   |
| Digital content (E-Books) developed by faculty for their respective courses |
| VLive   |
| VRefer  |
| Microsoft Teams   |

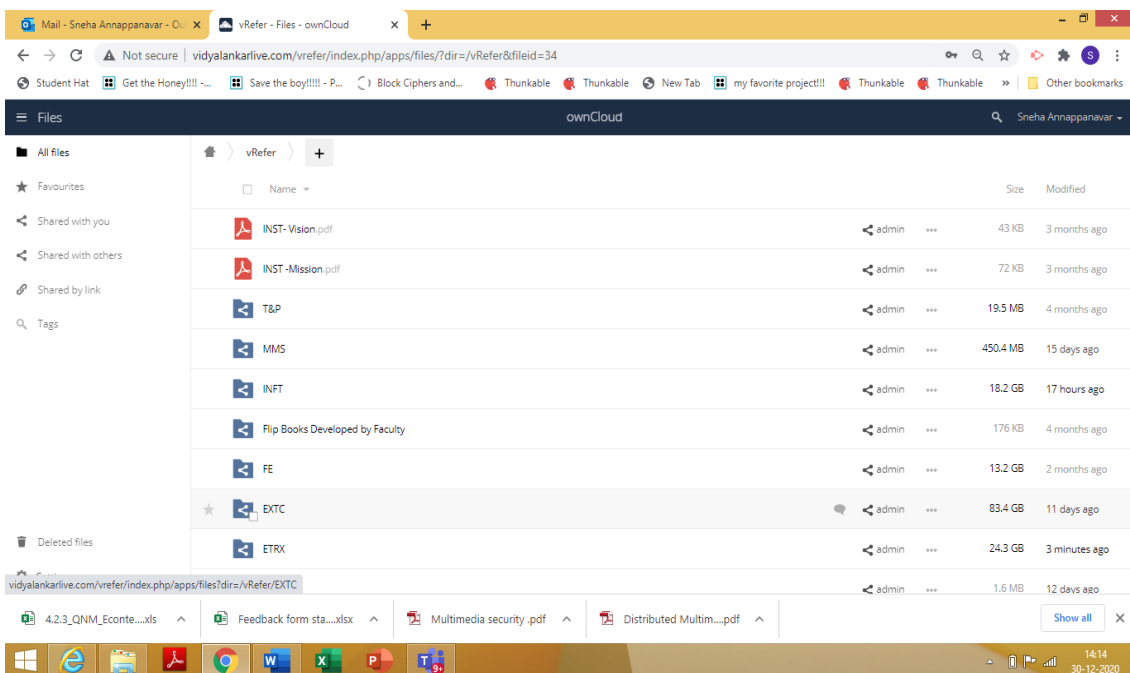
As per institutes policy, the above repositories are accessible to authorised users through valid login credentials only. This document includes screenshot/samples of the E-content repositories. Any official body such as NAAC/NBA/NIRF/AICTE etc. that require access to the complete repository are requested to write to [principal@vit.edu.in](mailto:principal@vit.edu.in) for login credentials of the same.

1. Lecture Capture system using <https://a.impartus.com/login/#/>

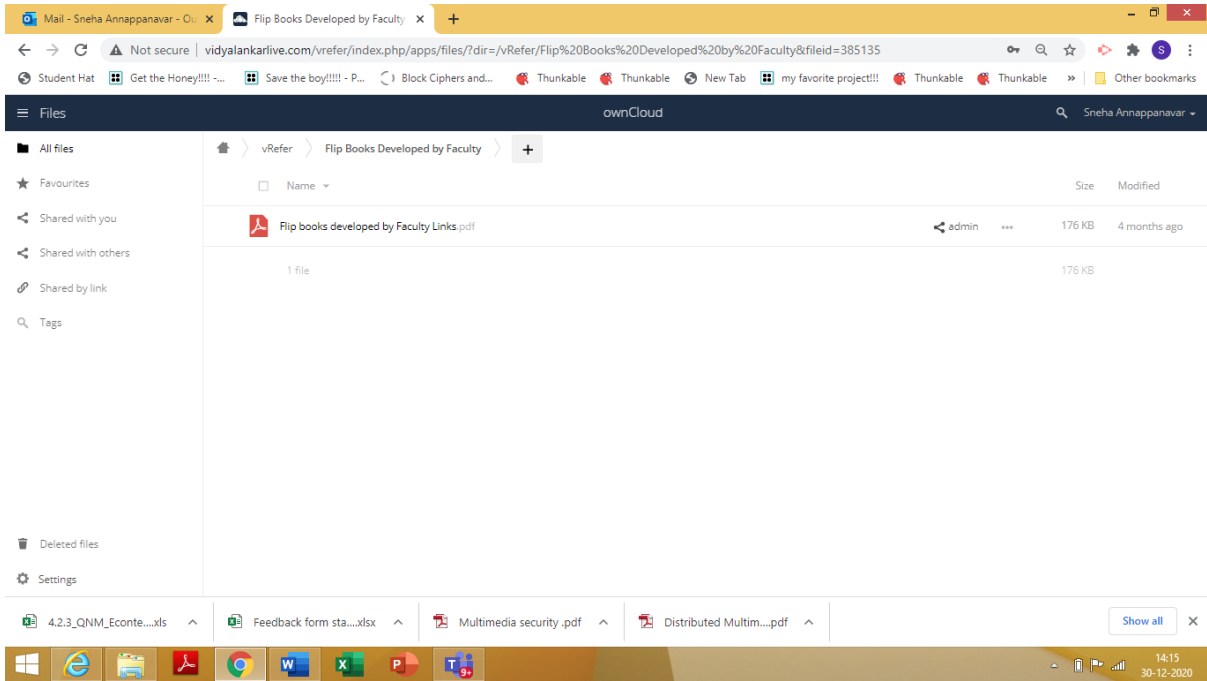




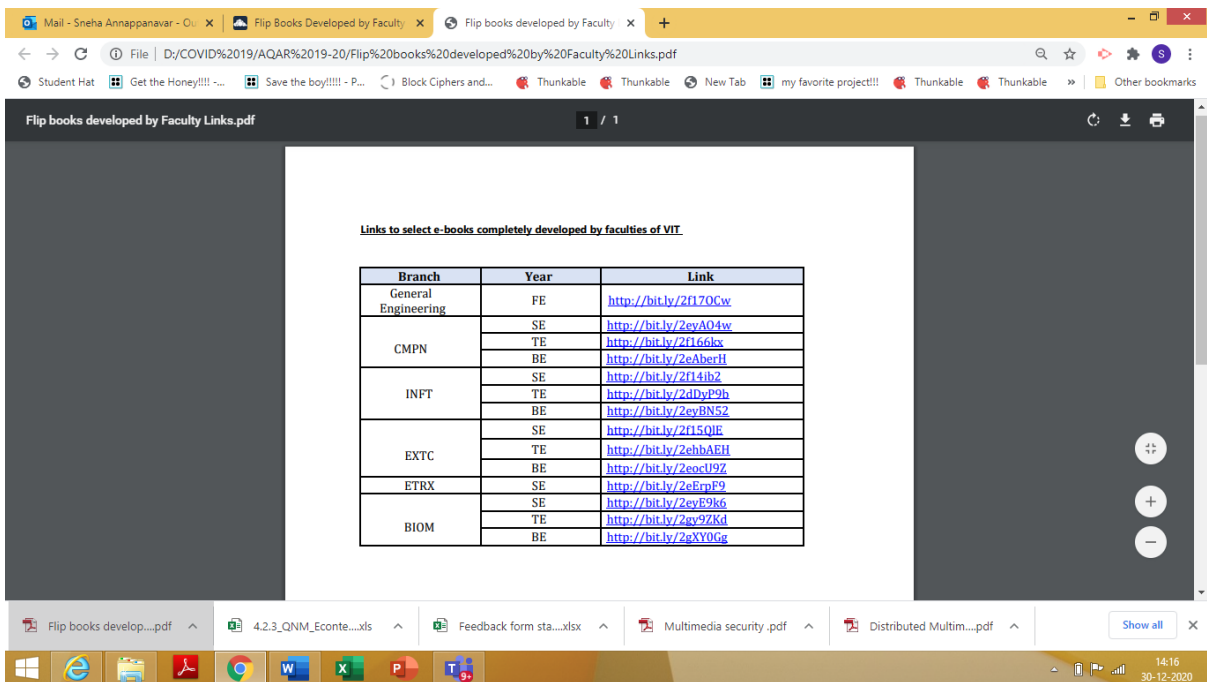
3 Digital content (E-Books) developed by faculty for their respective courses in <http://vidyalankarlive.com/vrefer/index.php/f/46>



#### Flip book links



#### Flip book list



### 4.3.3 Facility for e-content

The screenshot shows a Google Drive window with the following details:

- Address bar: `drive.google.com/drive/folders/0B8L09tUQCL84NDJubzhpmRYbU0`
- Search bar: Search in Drive
- Left sidebar: My Drive, Shared with me, Recent, Starred, Trash, Storage (5 GB of 15 GB used)
- Main content area: Shared with me > SEM\_V\_EBOOKS
- Table of folders:

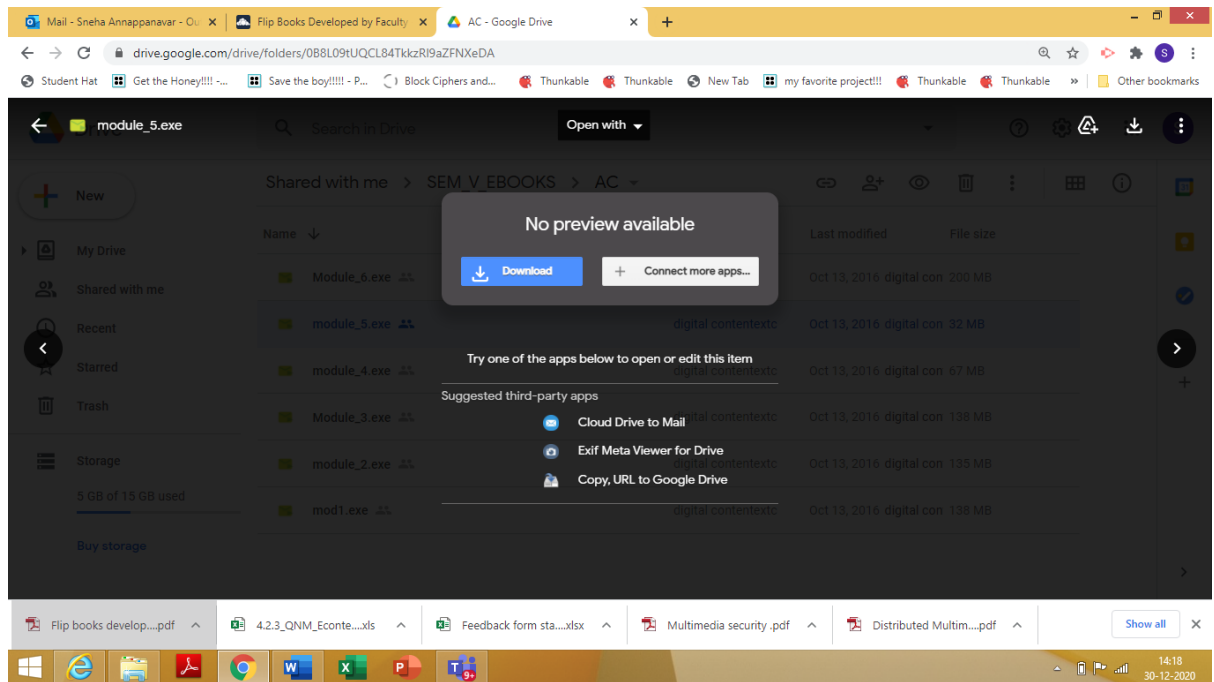
| Name | Owner             | Last modified | File size     |
|------|-------------------|---------------|---------------|
| RSA  | digital contentxc | Oct 13, 2016  | digital con - |
| RFMA | digital contentxc | Oct 13, 2016  | digital con - |
| MCA  | digital contentxc | Oct 13, 2016  | digital con - |
| IC   | digital contentxc | Oct 13, 2016  | digital con - |
| AC   | digital contentxc | Oct 13, 2016  | digital con - |

The screenshot shows a Google Drive window with the following details:

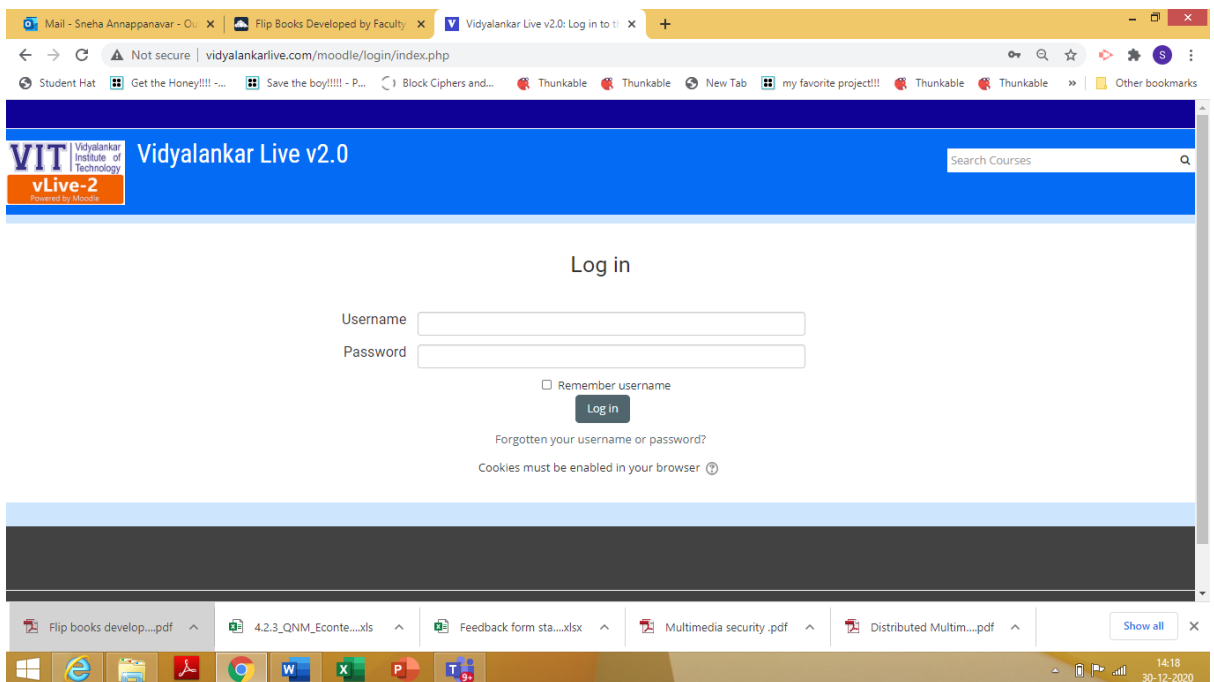
- Address bar: `drive.google.com/drive/folders/0B8L09tUQCL84TkzRi9aZFNXeDA`
- Search bar: Search in Drive
- Left sidebar: My Drive, Shared with me, Recent, Starred, Trash, Storage (5 GB of 15 GB used)
- Main content area: Shared with me > SEM\_V\_EBOOKS > AC
- Table of files:

| Name         | Owner             | Last modified | File size          |
|--------------|-------------------|---------------|--------------------|
| Module_6.exe | digital contentxc | Oct 13, 2016  | digital con 200 MB |
| module_5.exe | digital contentxc | Oct 13, 2016  | digital con 32 MB  |
| module_4.exe | digital contentxc | Oct 13, 2016  | digital con 67 MB  |
| Module_3.exe | digital contentxc | Oct 13, 2016  | digital con 138 MB |
| module_2.exe | digital contentxc | Oct 13, 2016  | digital con 135 MB |
| mod1.exe     | digital contentxc | Oct 13, 2016  | digital con 138 MB |

### 4.3.3 Facility for e-content



#### 4. VLive using <http://vidyalankarlive.com/moodle/login/index.php>



## Home

## Dashboard

## My Courses

- CMPN Notices

The screenshot shows a web browser window with the URL `vidyalankarlive.com/moodle/course/view.php?id=269`. The page title is "Computer Department ...". The left navigation menu includes "Home", "Dashboard", "Site pages", "My courses", "CMPN Notices", "Participants", "Badges", "Competencies", "Grades", "General", and "Data Science and Machine Learning Workshop by Acad". The main content area displays a list of course items:

- Final Year Project Review1 Schedule and Form
- Final Year Project Review1 Schedule for Div A
- Final Year Project Review1 Schedule for Div B and Div C
- Final Year Project Review Form
- Institute Level Project Review Form
- Project Review 2 Form
- Project Consent Form for TE Mini Project
- Final Year Project Domain Expertise 2019-20

## Project Ideas

The screenshot shows a web browser window with the URL `vidyalankarlive.com/moodle/course/view.php?id=529`. The page title is "Project Ideas Reposi ...". The left navigation menu includes "Home", "Dashboard", "Site pages", "My courses", "CMPN Notices", "CMPN HOD", "Project Ideas", "Participants", "Badges", "Competencies", "Grades", and "General". The main content area displays:

- Announcements
- Hakathon Project list. (Kindly find the attached list of projects)
- List of projects 
  - Agriculture and Rural Development.pdf
  - Clean Water.pdf
  - food Technology.pdf
  - Healthcare Biomedical Devices.pdf



## Exam Cell Notices

Exam Cell Announcements

Navigation:

- Home
- Dashboard
- Site pages
- My courses
  - CMPN Notices
  - CMPN HOD
  - Project Ideas
  - EXAM Notices**
  - Participants
  - Badges
  - Competencies

Announcements

General news and announcements

Add a new topic

| Discussion  | Started by    | Replies | Last post                  |
|---|---------------|---------|----------------------------|
| SEM 4 and Sem 6 Dec 2020 Examination for Improvement            | Dilip Motwani | 0       | Tue, 22 Dec 2020, 12:57 PM |
| SEM 3 & SEM 5 Regular examination form for Dec 2020 examination | Dilip Motwani | 0       | Fri, 4 Dec 2020, 10:40 AM  |

5. vRefer : <http://vidyalankarlive.com/vrefer/index.php/login>

## Home

Files

ownCloud

All files

- Favourites
- Shared with you
- Shared with others
- Shared by link
- Tags
- Deleted files
- Settings

| Name     | Size     | Modified       |
|----------|----------|----------------|
| vRefer   | 195.5 GB | 12 minutes ago |
| 1 folder | 195.5 GB |                |

## vRefer Structure

The screenshot shows the vRefer file structure in the ownCloud interface. The main view displays a list of files and folders under the 'vRefer' directory. The files and folders are as follows:

| Name                            | Owner | Size     | Modified       |
|---------------------------------|-------|----------|----------------|
| INST-Vision.pdf                 | admin | 43 KB    | 3 months ago   |
| INST-Mission.pdf                | admin | 72 KB    | 3 months ago   |
| T&P                             | admin | 19.5 MB  | 4 months ago   |
| MMS                             | admin | 450.4 MB | 15 days ago    |
| INFT                            | admin | 18.2 GB  | 17 hours ago   |
| Flip Books Developed by Faculty | admin | 176 KB   | 4 months ago   |
| FE                              | admin | 13.2 GB  | 2 months ago   |
| EXTC                            | admin | 83.4 GB  | 11 days ago    |
| ETRX                            | admin | 24.3 GB  | 13 minutes ago |
| eNotices                        | admin | 1.6 MB   | 12 days ago    |
| INST-Vision.pdf (remote)        | admin | 33.8 GB  | 3 hours ago    |

## Sub folders

The screenshot shows the sub folders within the 'ETRX' directory in the vRefer file structure. The files and folders are as follows:

| Name                                    | Owner | Size     | Modified     |
|---|-------|----------|--------------|
| IL_orientation final.pdf                | admin | 2.2 MB   | 2 years ago  |
| ETRX-Vision.pdf                         | admin | 232 KB   | 2 years ago  |
| ETRX-PSO.pdf                            | admin | 252 KB   | 2 years ago  |
| ETRX-PO.pdf                             | admin | 254 KB   | 2 years ago  |
| ETRX-PEO.pdf                            | admin | 249 KB   | 2 years ago  |
| ETRX-Mission.pdf                        | admin | 252 KB   | 2 years ago  |
| ETRX-Knowledge Map(Revised).pdf         | admin | 156 KB   | 2 years ago  |
| T.E Sem VI Elective Subject Orientation | admin | 5.7 MB   | a year ago   |
| T.E Induction                           | admin | 138.8 MB | a year ago   |
| SEM VIII                                | admin | 2.7 GB   | 6 months ago |
| T.E Induction (remote)                  | admin | 8.6 GB   | 20 days ago  |

#### Subfolder Structure

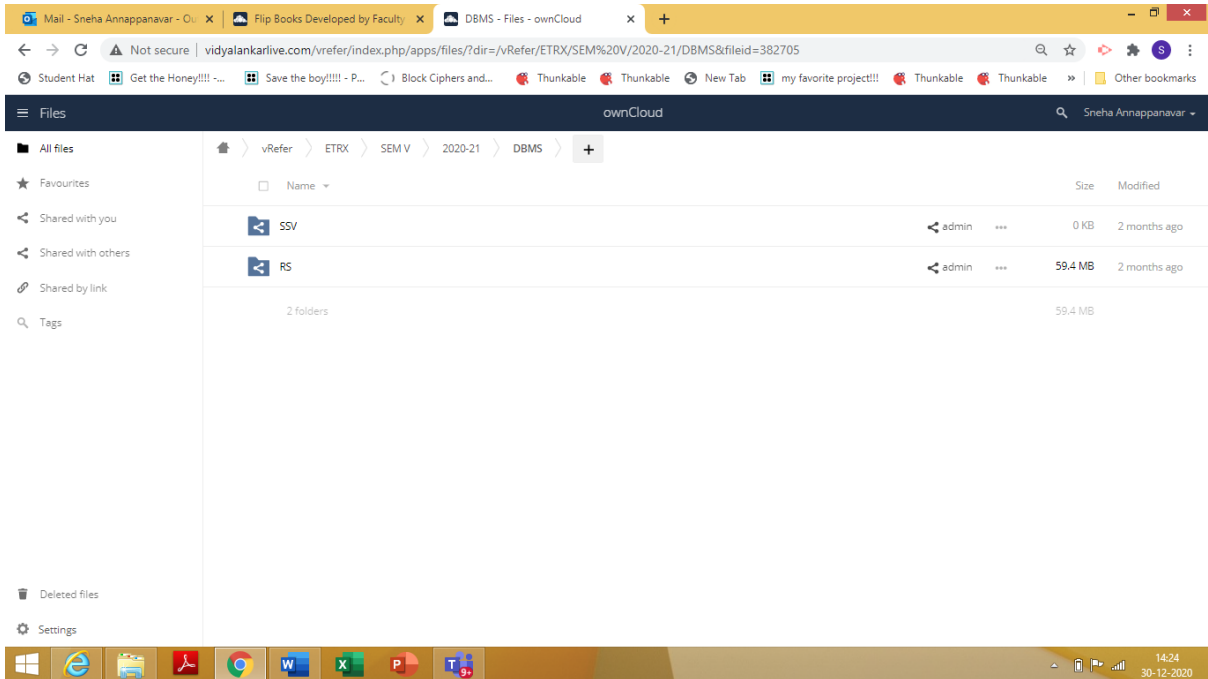
The screenshot shows the ownCloud file manager interface. The breadcrumb path is vRefer > ETRX > SEM V. The main content area displays a list of folders for the 2020-21, 2019-20, and 2018-19 academic years. The 2020-21 folder is selected and expanded, showing a list of subject folders: MCA, EME, DLIC, DCOM, DBMS, and BCE. The table below summarizes the data visible in the screenshot.

| Year    | Folder Name | Owner | Size     | Modified       |
|---------|-------------|-------|----------|----------------|
| 2020-21 | MCA         | admin | 593.7 MB | 14 minutes ago |
| 2020-21 | EME         | admin | 599.9 MB | a month ago    |
| 2020-21 | DLIC        | admin | 251.9 MB | 17 hours ago   |
| 2020-21 | DCOM        | admin | 284.6 MB | 2 months ago   |
| 2020-21 | DBMS        | admin | 59.4 MB  | 2 months ago   |
| 2020-21 | BCE         | admin | 467 MB   | 2 months ago   |
| 2020-21 | 3 folders   |       | 4.4 GB   |                |
| 2019-20 |             | admin | 1.4 GB   | 2 months ago   |
| 2018-19 |             | admin | 756.6 MB | 2 years ago    |

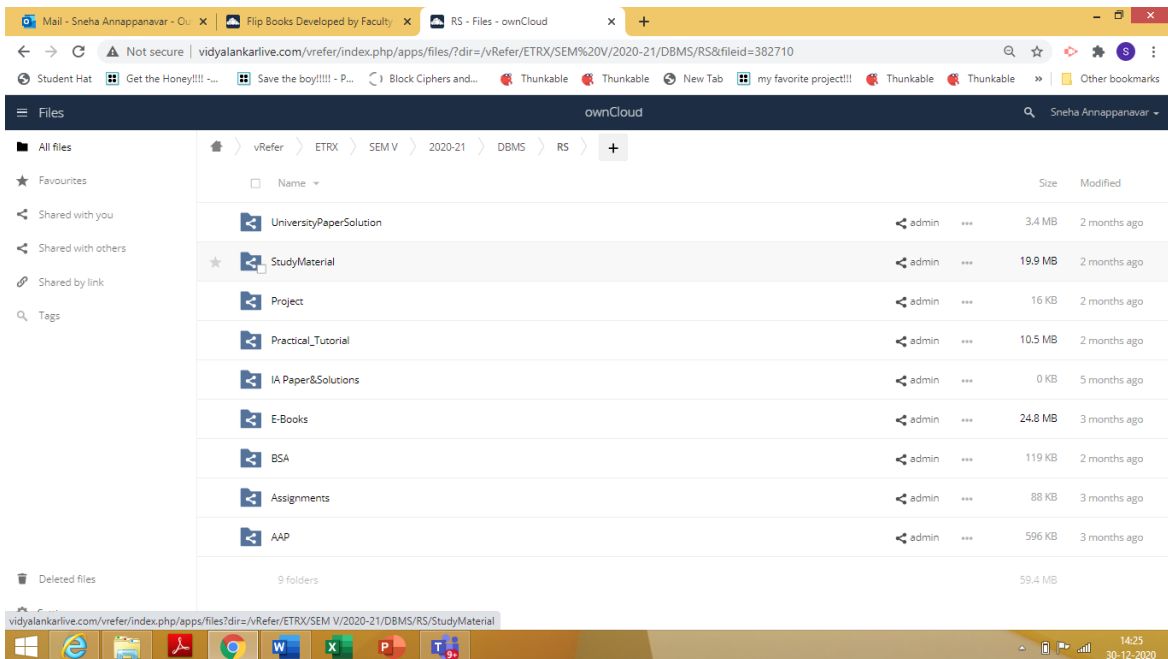
The screenshot shows the ownCloud file manager interface with the breadcrumb path vRefer > ETRX > SEM V > 2020-21. The main content area displays a list of subject folders: MCA, EME, DLIC, DCOM, DBMS, and BCE. The table below summarizes the data visible in the screenshot.

| Folder Name | Owner | Size     | Modified       |
|-------------|-------|----------|----------------|
| MCA         | admin | 593.7 MB | 14 minutes ago |
| EME         | admin | 599.9 MB | a month ago    |
| DLIC        | admin | 251.9 MB | 17 hours ago   |
| DCOM        | admin | 284.6 MB | 2 months ago   |
| DBMS        | admin | 59.4 MB  | 2 months ago   |
| BCE         | admin | 467 MB   | 2 months ago   |
| 6 folders   |       | 2.2 GB   |                |

### 4.3.3 Facility for e-content

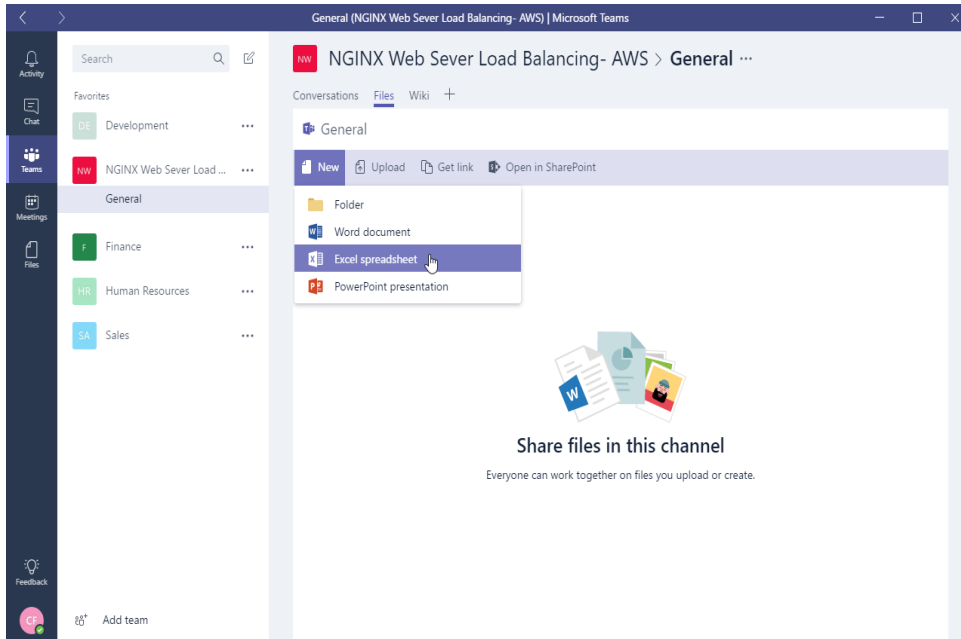


### Structure inside subject folder

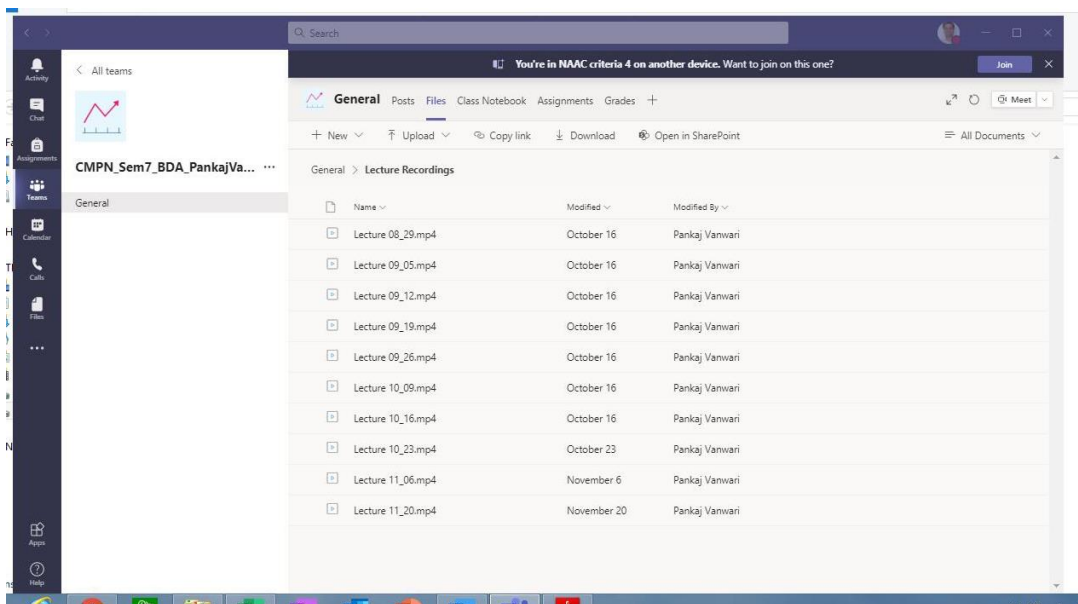


6. Microsoft Team

Institute offers Microsoft Teams a proprietary business communication platform developed by Microsoft, as part of the Microsoft 365 family of products. Office 365 including tools, such as PowerPoint, Excel, Word, Planner, OneNote, SharePoint.



Lecture Contents uploaded



### 4.3.3 Facility for e-content

The image displays two screenshots of a Microsoft Teams interface, illustrating the facility for e-content and assignment management.

**Top Screenshot: Class Materials**

The interface shows a channel named "General" under the team "CMPN\_Sem5\_MS\_SnehaAnn...". The "Files" tab is active, displaying a list of "Class Materials".

| Name                        | Modified    | Modified By         |
|-----------------------------|-------------|---------------------|
| Module 1                    | August 30   | Sneha Annappanav... |
| Module 2                    | August 30   | Sneha Annappanav... |
| Module 3                    | October 23  | Sneha Annappanav... |
| Module 4                    | November 20 | Sneha Annappanav... |
| Module 5                    | November 20 | Sneha Annappanav... |
| Module 6                    | November 20 | Sneha Annappanav... |
| Question bank for IA-1.docx | October 24  | Sneha Annappanav... |

**Bottom Screenshot: Assignments**

The interface shows the "Assignments" tab for the same channel. It displays a list of assignments with columns for "To return" and "Returned".

| Name               | Status                 |
|--------------------|------------------------|
| AB Bajpai, Ayush   | Not turned in          |
| OB Birmole, Omkar  | Turned in 22 days late |
| SC CHAVAN, 10-211  | Viewed                 |
| SM More, Shubham   | Viewed                 |
| PS Sawant, Pratik  | Viewed                 |
| SS Shinde, Sangita | Not turned in          |
| KS SURVASE, 10-654 | Viewed                 |
| AS Surve, Abhishek | Not turned in          |
| AT Thube, Amruta   | Viewed                 |
| DV VIT, Demo       | Not turned in          |

A notification bubble is visible, stating: "Edit assignment and Student view have moved to the More options menu." with a "Got It" button.