B V RAJU COLLEGE

VISHNUPUR :: BHIMAVARAM

DETAILS OF THE FDP ORGANIZED ON 26.08.2021

Name/Title of the Webinar	**Chem Online**
Name of the Resource Person	**1) Dr. Amarnath Bheemaraju** MSc (Org. Chem.), MS (Chem.), Ph.D.(Org./Materials), PDF (Organometallics/Catalysis), Young Scientist (DST-India) Associate Professor of Chemistry, Department of Applied Science, BML Munjal University, Sidhrawali HR, India. **2) Dr.A Sunil Kumar Reddy** Scientist Aurobindo Pharma limited Reserch centre Hyderabad.
Date	**26th August 2021**
Time	03:00 PM
Duration	2 hours
Mode of conduction	online
Plat form	Google meet
Conducted by	Department of UG CHEMISTRY, B V RAJU college
Event Coordinator	**D. RAVI KUMAR**
Link for online module (if applicable)	https://meet.google.com/grn-awox-kdx
Feedback collected	YES
Registration link	https://docs.google.com/forms/d/1L1drYnqqmhcxcqEOCKiWVWh2TsTwvuHjGykn0XRvCvc/edit?usp=sharing
Feedback form link	https://docs.google.com/forms/d/1SRC_hV8oViu07qjU4PQMyzlzix8OYHwArt1Qbiw2o7Y/edit?usp=sharing

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BROCHURE

B V Raju college, Vishnupur, Bhimavaram, Andhra Pradesh

□ We are happy to inform you that Department of Chemistry, B V Raju College, is organizing Faculty Development Program on "Chem online" on 26.08.2021(Thursday)

□ We are happy to invite all the Academicians, Faculty Members, Research Scholars to this online FDP program.

□□ FDP Schedule *26-08-2021

□ Timings IST
One day @ *03:00 PM to 05:00 PM
Resource Persons
1) Dr. Amarnath Bheemaraju
MSc (Org. Chem.), MS (Chem.), Ph.D.(Org./Materials), PDF (Organometallics/Catalysis), Young Scientist (DST-India) Associate Professor of Chemistry, Department of Applied Science, BML Munjal University, Sidhrawali HR, India

2) Dr.A Sunil Kumar Reddy
Scientist Aurobindo Pharma limited Research centre
Hyderabad.

□ E-Certificates will be issued to participants who attend and submit the feedback forms of two sessions.

□ Registration is free

□□ Registration Link:

https://forms.gle/bpvXqNd5m82vXLPQ6

□ Meeting link, Programme schedule and all other updates of FDP will be intimated in Whatsapp Group only. Kindly join in Whatsapp group after the registration.

➢ Instructions to Participants:-

1) Feedback is Compulsory.
2) You will get e-certificate after Completion of FDP.
3) Details entered in the form will be printed on certificate as it is. So enter your details Correctly.
4) Certificate will be mailed to you directly, so enter your Mail ID correctly. Use same mail ID for all purposes.

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- Kindly circulate this to all your known contacts and encourage them to make use of this.

Every one join WhatsApp group through below link
https://chat.whatsapp.com/FdLo9ieozXyJhuDTpOecie

Best Regards
CO-ORDINATOR
D. Ravi Kumar,
HOD,
Department of Chemistry.

Contact details:
drk.bvrice@gmail.com
Phone :
1)9010207034 (Ravi Kumar)
2)99512 85290 (Phani Kumar)
3)9989846480 (Rajendra Babu)
4)9885773340 (Swamy sabharinadh)

Detailed program schedule

Program Organizer: P Rajendra babu

1.	02.55pm		Allowing of Participants	
2.	03.00pm to 03.03pm	----------	Welcome note and Overview on Event	by D.Ravi Kumar
3.	03.03pm to 03.06pm	----------	Information about College and Institutional Head	by J Phani kumar
4.	03.06pm to 03.09pm	----------	Speech of Institutional Head	by Dr.Ch.V.Srinivas
5.	03.09pm to 03.11pm	----------	Introduction to Resource Person-1	by D.Ravi Kumar
6.	03.11pm to 04.10pm	----------	Presentation of Speaker-1 which includes doubt clarification also	Dr.Amarnath
7.	04.10pm to 04.12pm	----------	Introduction to resource person-2	by V. Swamy
8.	04.12pm to 05.00pm	----------	Presentation Speaker-2 which includes doubt clarification also	by Dr.Sunil Kumar reddy
9.	05.00pm to 05.02pm	----------	Vote of thanks	by P Rajendra babu

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Resource Person 1

Dr. Amarnath Bheemaraju

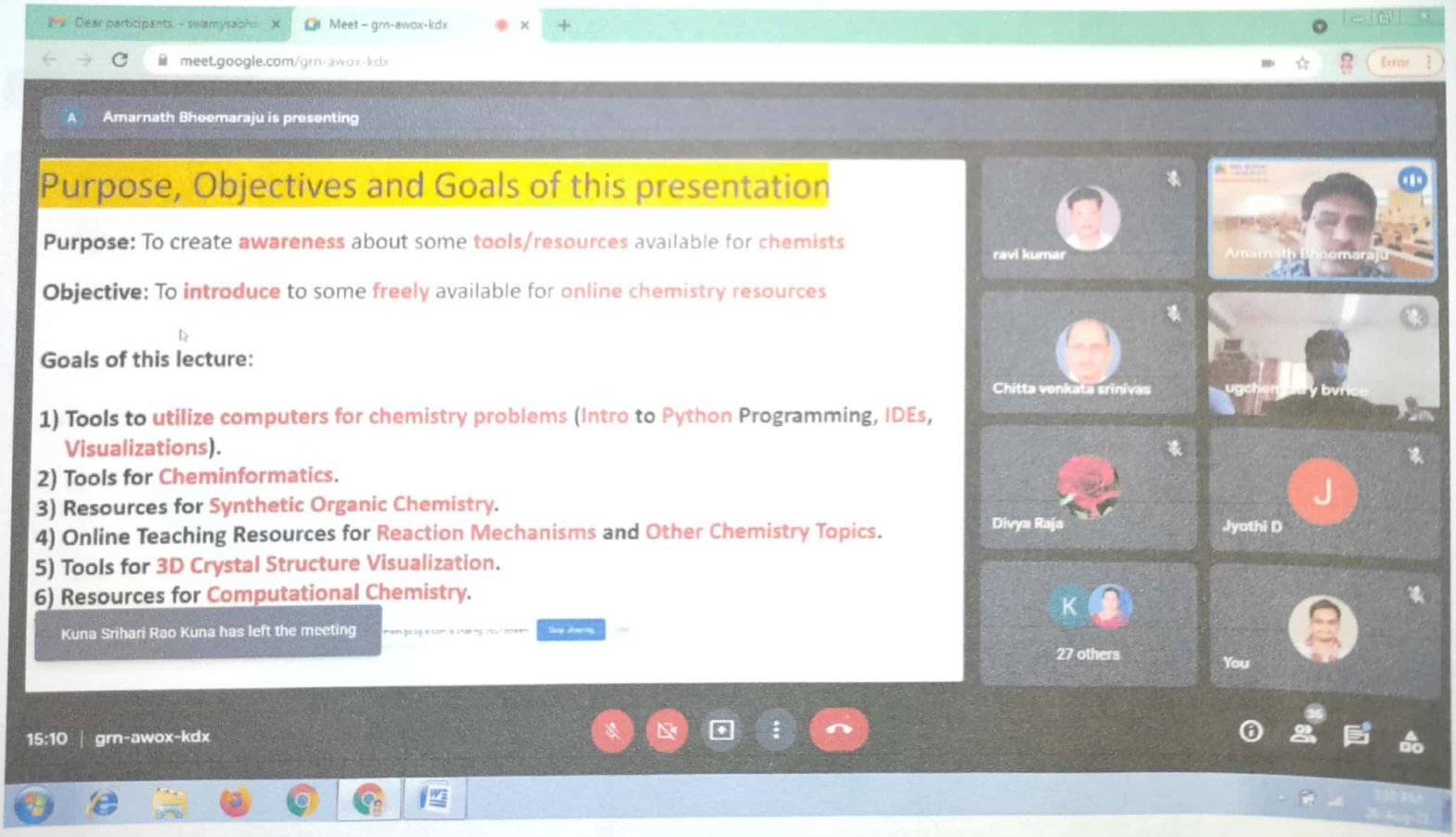
MSc (Org. Chem.), MS (Chem.), Ph.D.(Org./Materials), PDF (Organometallics/Catalysis),
Young Scientist (DST-India)
Associate Professor of Chemistry,
Department of Applied Science,
BML Munjal University, Sidhrawali HR, India

☎ : +91-7204110470 ✉ : amarchm@gmail.com

To know more about Dr. B Amarnath, click here

- https://drive.google.com/file/d/1tnN2ZIn3kL702hzhMpy-qB20iRXtHFcu/view?usp=sharing

Highlights of speech :- Dr.B.Amarnath Sir will deliver presentation on online resources available for chemistry.



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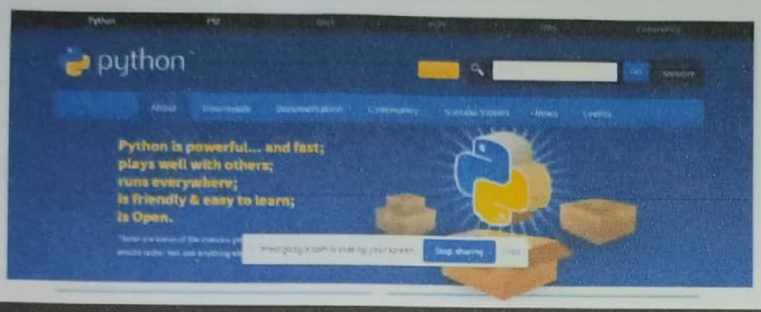
meet.google.com/grn-awox-kdx

Amarnath Bheemaraju is presenting

Python-A popular programming language

PYTHON attractive language for many applications.
Free to download, easy to learn, open, free to use and distribute.
May applications of python such as **web and internet developments, education, scientific and numeric-mathematics, science and engineering (Many packages: scipy, pandas, matplotlib, pint)**

https://www.python.org/about/#:~:text=Python%20is%20developed%20under%20an,distributable%2C%20even%20for%20commercial%20use.



ravi kumar
Amarnath Bheemaraju
Chitta venkata srinivas
ugchemistry bvrice
matlapudi Ramanjaneyulu
varma n
32 others
You

15:15 | grn-awox-kdx

WhatsApp | Meet – grn-awox-kdx | Inbox - ugchemistry.bvric | FDP - Google Drive | Google Meet

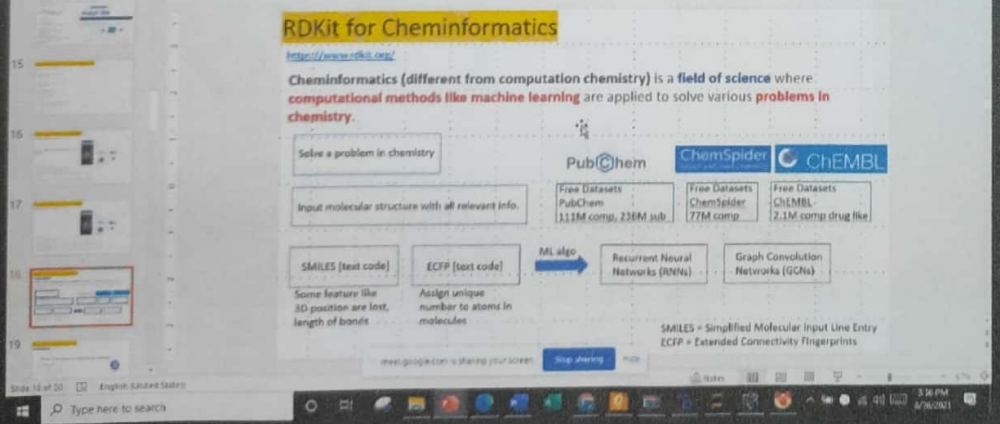
meet.google.com/grn-awox-kdx

Amarnath Bheemaraju is presenting

RDKit for Cheminformatics

https://www.rdkit.org/

Cheminformatics (different from computation chemistry) is a **field of science** where **computational methods like machine learning** are applied to solve various **problems in chemistry**.



Amarnath Bheemaraju
SWAMY SABHARINADH
Rathana Rao
ravi kumar
36 others
You

15:36 | grn-awox-kdx

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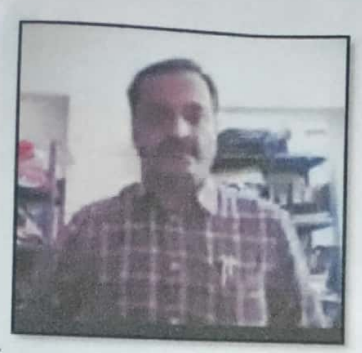
ource Person 2

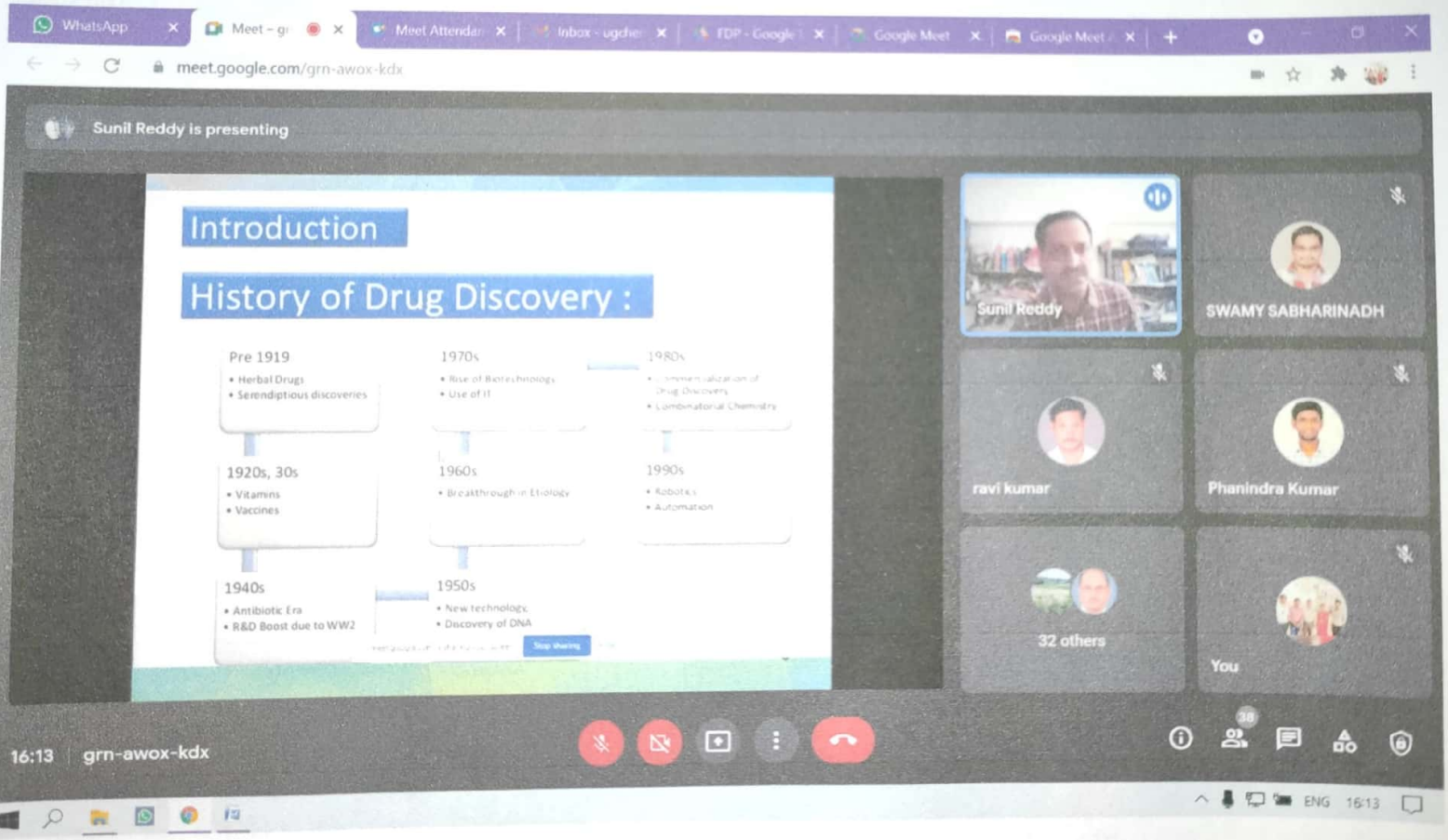


Dr. A. SUNIL KUMAR REDDY
1-47/V-302,
Vertex Cute Apts,
Nizampet Road,
Hyderabad. 500085.,
India.
+(91)9550149640(M)
asunilkumarreddy@gmail.com

To know more about Dr. Sunil Kumar Reddy, click here

- https://drive.google.com/file/d/13_pe4dc6gKhu7BWZFQjACrJtQm0MhP3O/view?usp=sharing

Highlights of Speech:-Dr. Sunil Kumar Reddy Sir will deliver presentation on new trends in Drug designing



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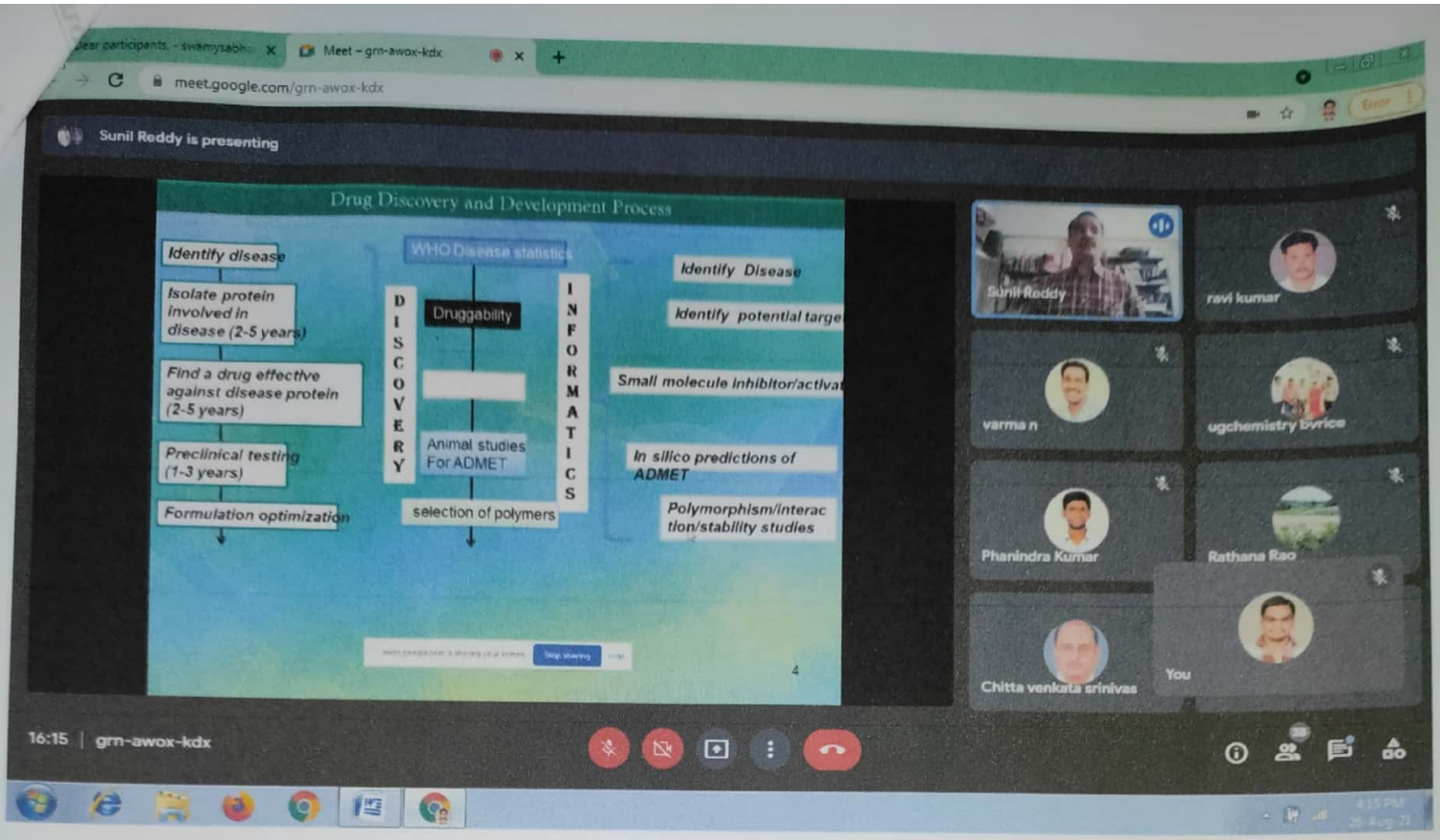

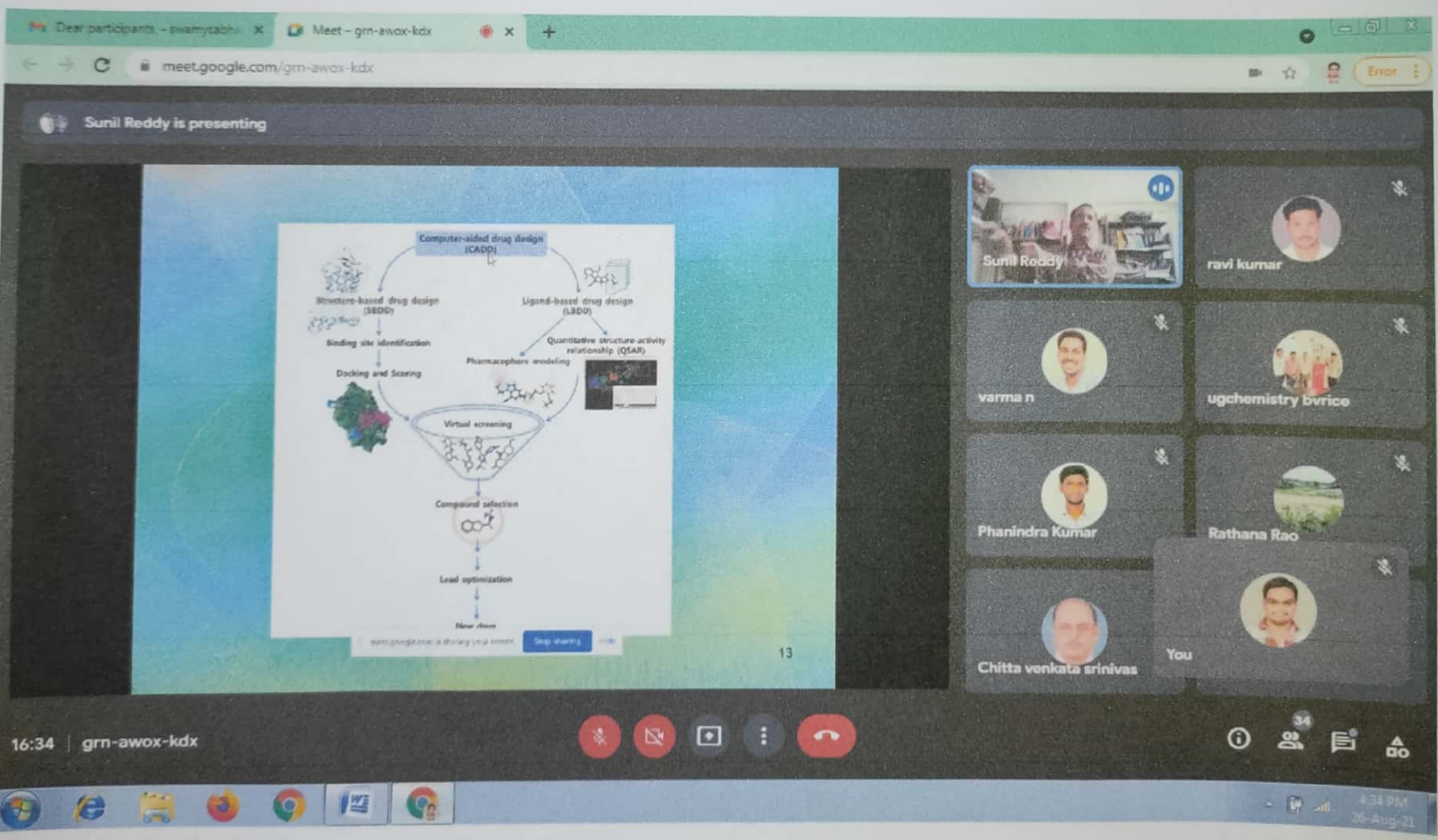

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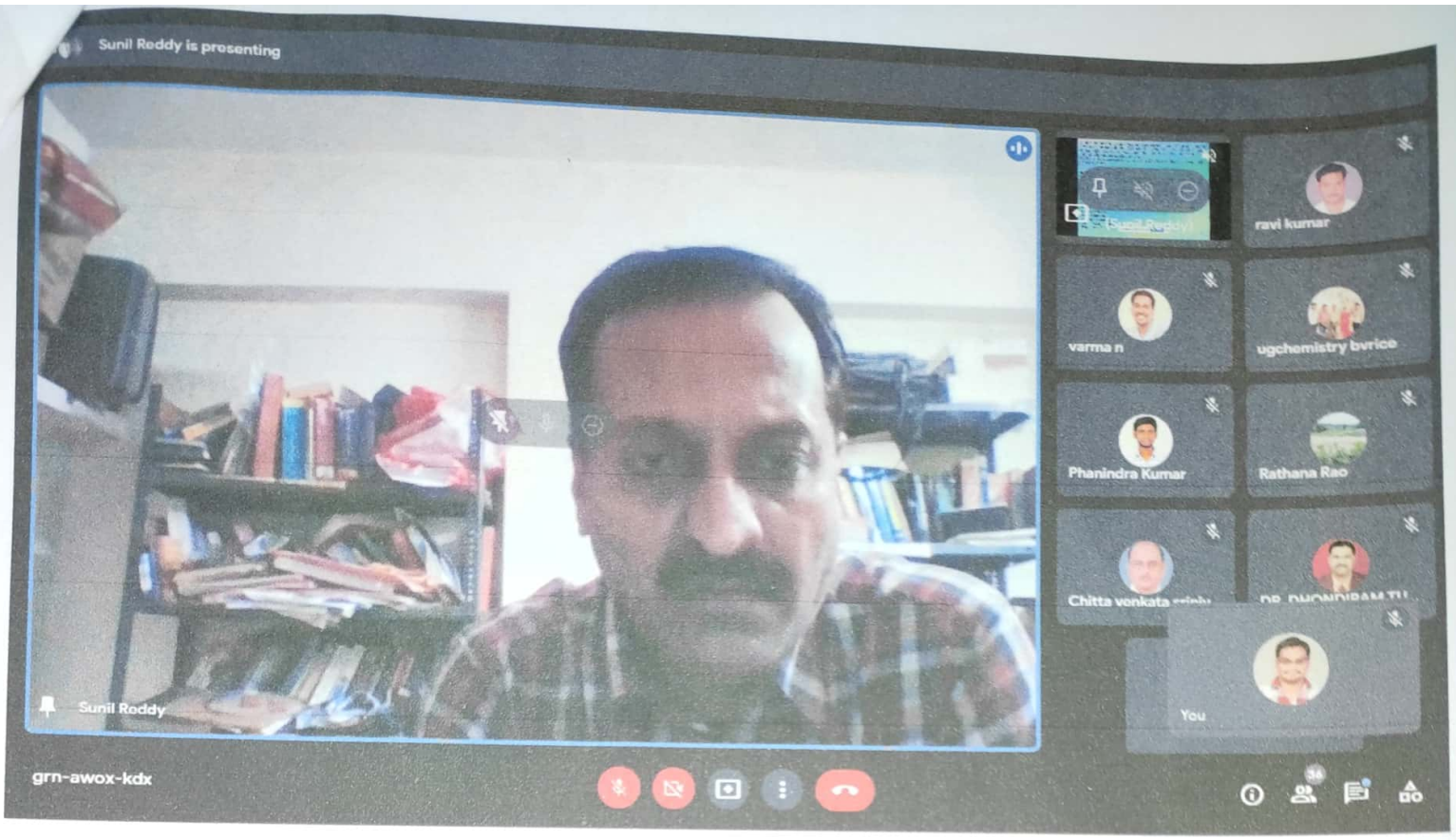

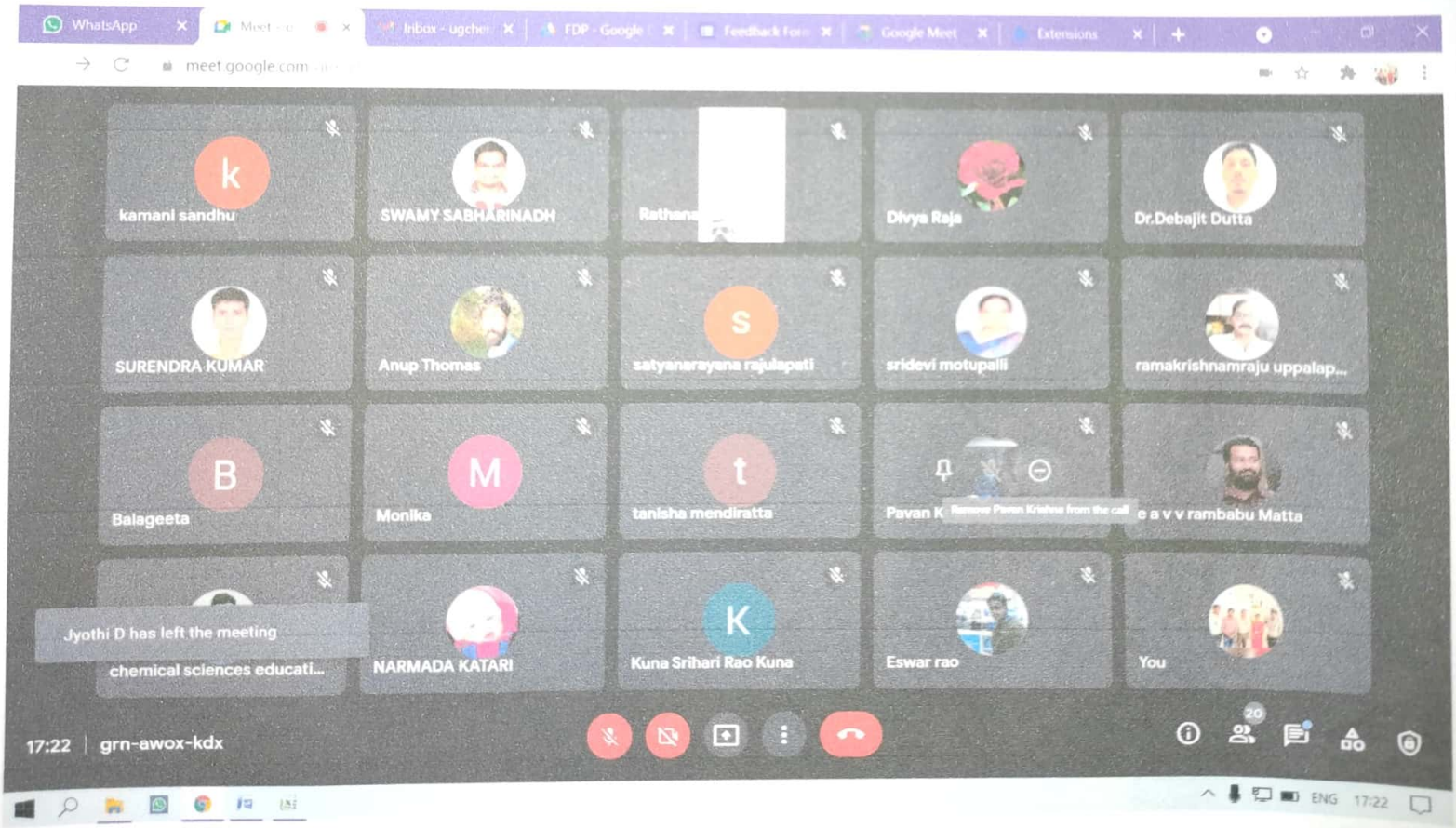

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r Registrations ,

- https://docs.google.com/spreadsheets/d/1EEapafufhBc6tKfLVkx03VqP2FU8uWKD/edit?usp=sharing&ouid=103331844022693120410&rtpof=true&sd=true

For Feedbacks ,

- https://docs.google.com/spreadsheets/d/1feaMdePqRcRflMl5OjTibKhIrcLrTqO9kRBvWFxanYA/edit?usp=sharing

For Participation Certificates Data

- https://drive.google.com/drive/folders/1Nw5UIuq6x2LRcU2b5YupAN9PMqQJjtMp?usp=sharing

BRLF
HDD

VICE PRINCIPAL

PRINCIPAL

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Schedule of presentations for VOICE and Handson training

3 messages

Prof. Sivakumar Krishnan <siva.k@srivishnu.edu.in> Mon, Jun 15, 2020 at 1:54 PM
To: Sripathi Raja Ventapalli <rajasripathi.ventapalli@bvrit.ac.in>, Y Ramu <yramu@svecw.edu.in>, Gangadhar Tilak <tilak.m@bvrithyderabad.edu.in>, Nagakrishna <nagakrishna.n@vishnu.edu.in>, BHASKARA MURTHY VEERUBHOTLA <murthyvb@gmail.com>, Chandrasekhar Rayala <rayala.csekhar@gmail.com>, Ravikumarreddy J <ravikumarreddy.j@svcp.edu.in>, Santhosha D <santhosha.d@viper.ac.in>
Cc: "Dr. G. Srinivasa Rao" <principal@svecw.edu.in>, "Dr. Dr. Laxmiprasad" <principal@bvrit.ac.in>, "Dr.Suryanarayana" <surya_dasika@yahoo.com>, "Dr. KVN Sunitha" <principal@bvrithyderabad.edu.in>, "I. R. K. Raju" <irkraju@bvrice.edu.in>, sathiyamoorthy.r@vps.edu.in, Jomy K A <jomy7919@gmail.com>, Paruchuri Satish Chandra <satishchandra.p@srivishnu.edu.in>, Abhinav Dayal <abhinav.dayal@vishnu.edu.in>, S V Sai Kumar <svsaikumar@svcp.edu.in>, kumar nemmani <kumarnemmani@svcp.edu.in>, "Dr.Ramesh Alluri" <principal@viper.ac.in>, "J. Augustine" <augustine.j@srivishnu.edu.in>, "A. Jebaselvi" <jebaselvi.a@srivishnu.edu.in>, Srinivasa Rao <srinivasarao.ch@srivishnu.edu.in>, Ravichandran vishnu <ravir@srivishnu.edu.in>

Dear VEDIC coordinators and leadership team

Based on the discussions with some of you, we will have the following schedule for the VOICE webinar sessions going forward on a weekly basis and for tool development and Moodle basics series. The below schedule is tentative for this week. Items in red are requirements for faculty volunteers for these webinars.

I will freeze schedule by 9 am tomorrow. Please review and let me know if there are any major issues with the times of the schedule.

June 15, 2020, Mon - 3 to 4:15 pm
Title: VOICE Webinar #4: Interactive Sessions Online - J Venkatesh, Abhinav Dayal, Sivakumar Krishnan
Participants - Open to all faculty,
Format: MS Teams meeting and Youtube Live (?)
need a volunteer to set up Youtube Live and
another volunteer to moderate Q and A from Youtube Live to the main Teams meeting

June 16, 2020, Tue- no webinar

June 17, 2020, Wed - 2:30 pm to 3:45 pm
Title: VOICE Webinar #4: Video editing with Filmora (Lakshmi Narayana, SVECW) + Basics of script writing and rubrics for content and video review (Sivakumar Krishnan)
Participants - Standards team (max 100) + Others on Youtube Live
Format: Moodle Vishnu Learning BBN + Youtube Live
need a volunteer to set up Moodle BBN on Moodle Vishnu learning course and Youtube Live and
another volunteer for Q and A moderator from Youtube Live to BBN during the webinar.

June 18, 2020, Thu - 10 am to 12 pm
Title: VOICE Webinar #5: Intro to Moodle setup of course Hands-on webinar (proposed, need a nomination, please message me)

Participants - Standards team (max 100) + others on Youtube Live
Format: Moodle Vishnu Learning BBN
need a volunteer to set up Moodle BBN on Moodle Vishnu learning course and Youtube Live and
another volunteer for Q and A moderator from Youtube Live to BBN during the webinar.

June 19, 2020, Fri - 2:30 to 3:45 pm
Title: Video editing using H5P (Ramadevi, BVRITH) + Video editing using OpenShot (KVN Srinivasa Rao, BVRITN)
Participants - Standards team (max 100) + others on Youtube Live
Format: Moodle Vishnu Learning BBN
need a volunteer to set up Moodle BBN on Moodle Vishnu learning course and Youtube Live and
another volunteer for Q and A moderator from Youtube Live to BBN during the webinar.

All webinars will be recorded and hosted on Moodle Vishnu Learning in the Course - Effective Teaching and Online Engagement for later use.
Finally need volunteer to post video of each webinar on the Moodle Vishnu learning course

Thank you
Siva.

Prof. Sivakumar Krishnan, PhD
Director, Vishnu Educational Development and Innovation Centre
Sri Vishnu Educational Society
Professor, Shri Vishnu Engineering College for Women, Bhimavaram

m: 9566124528
e: siva.k@srivishnu.edu.in
http://www.vedic.edu.in

Green Meadows Campus
SVECW | **VDC** | **VIT** | BVRICE | **SVCP**

Valley Vista Campus
BVRITH

Orchard Park Campus
BVRIT | **VIPER** | **VPS**

Lake View Campus
VEDIC

Prof. Sivakumar Krishnan <siva.k@srivishnu.edu.in> Tue, Jun 16, 2020 at 7:42 PM
To: Sripathi Raja Ventapalli <rajasripathi.ventapalli@bvrit.ac.in>, Y Ramu <yramu@svecw.edu.in>, Gangadhar Tilak <tilak.m@bvrithyderabad.edu.in>, Nagakrishna <nagakrishna.n@vishnu.edu.in>, BHASKARA MURTHY VEERUBHOTLA <murthyvb@gmail.com>, Chandrasekhar Rayala <rayala.csekhar@gmail.com>, Ravikumarreddy J <ravikumarreddy.j@svcp.edu.in>, Santhosha D <santhosha.d@viper.ac.in>
Cc: "Dr. G. Srinivasa Rao" <principal@svecw.edu.in>, "Dr. Dr. Laxmiprasad" <principal@bvrit.ac.in>, "Dr.Suryanarayana" <surya_dasika@yahoo.com>, "Dr. KVN Sunitha" <principal@bvrithyderabad.edu.in>, "I. R. K. Raju" <irkraju@bvrice.edu.in>, sathiyamoorthy.r@vps.edu.in, Jomy K A <jomy7919@gmail.com>, Paruchuri Satish Chandra <satishchandra.p@srivishnu.edu.in>, Abhinav Dayal <abhinav.dayal@vishnu.edu.in>, S V Sai Kumar <svsaikumar@svcp.edu.in>, kumar nemmani <kumarnemmani@svcp.edu.in>, "Dr.Ramesh Alluri" <principal@viper.ac.in>, "J. Augustine" <augustine.j@srivishnu.edu.in>, "A. Jebaselvi" <jebaselvi.a@srivishnu.edu.in>, Srinivasa Rao <srinivasarao.ch@srivishnu.edu.in>, Ravichandran vishnu <ravir@srivishnu.edu.in>

Dear VEDIC coordinators and leadership team

Based on the discussions with some of you, we will have the following schedule for the VOICE webinar sessions going forward on a weekly basis and for tool development and Moodle basics series. The below schedule is for this week. Items in red are requirements for faculty volunteers for these webinars.

June 17, 2020, Wed - 2:30 pm to 3:45 pm
Title: VOICE Webinar #4: Video editing with Filmora (Lakshmi Narayana, SVECW) + Basics of script writing and rubrics for content and video review (Sivakumar Krishnan)
Participants - Standards team + others (max 200) + Others on Youtube Live
Format: Moodle Vishnu Learning Course - Big Blue Button + Youtube Live
Dr. Nagakrishna, VIT - Youtube Live setup
need volunteer for Q and A moderator from Youtube Live to BBN during the webinar.

June 18, 2020, Thu - 10 am to 11 am
Topic of Meeting: Resources for Campus Moodle Support
Participants - Technical Resource team + Network Support SVES
Format: Moodle Vishnu Learning BBn

Date and Time - TBD
Title: Video editing using H5P (Ramadevi, BVRITH) + Video editing using OpenShot (KVN Srinivasa Rao, BVRITN)
Participants - Standards team + others (max 200) + others on Youtube Live
Format: Moodle Vishnu Learning Course - BBn + Youtube Live
a volunteer for Q and A moderator from Youtube Live to BBn during the webinar.

Date and Time - TBD
Title: Intro to Moodle setup of course Hands-on webinar (proposed, need a nomination, please message me)

All webinars will be recorded and hosted on Moodle Vishnu Learning in the Course - Effective Teaching and Online Engagement for later use.

Thank you
Siva.

--
Prof. Sivakumar Krishnan, PhD
Director (Learning and Innovation), Vishnu Educational Development and Innovation Centre (VEDIC)
Sri Vishnu Educational Society
Professor, Shri Vishnu Engineering College for Women, Bhimavaram
m: 9566124528
e: siva.k@srivishnu.edu.in
http://www.vedic.edu.in

[Quoted text hidden]

Prof. Sivakumar Krishnan <siva.k@srivishnu.edu.in> Thu, Jun 18, 2020 at 10:04 AM
To: Sripathi Raja Ventapalli <rajasripathi.ventapalli@bvrit.ac.in>, Y Ramu <yramu@svecw.edu.in>, Gangadhar Tilak <tilak.m@bvrithyderabad.edu.in>, Nagakrishna <nagakrishna.n@vishnu.edu.in>, BHASKARA MURTHY VEERUBHOTLA <murthyvb@gmail.com>, Chandrasekhar Rayala <rayala.csekhar@gmail.com>, Ravikumarreddy J <ravikumarreddy.j@svcp.edu.in>, Santhosha D <santhosha.d@viper.ac.in>
Cc: "Dr. G. Srinivasa Rao" <principal@svecw.edu.in>, "Dr. Dr. Laxmiprasad" <principal@bvrit.ac.in>, "Dr.Suryanarayana" <surya_dasika@yahoo.com>, "Dr. KVN Sunitha" <principal@bvrithyderabad.edu.in>, "I. R. K. Raju" <irkraju@bvrice.edu.in>, sathiyamoorthy.r@vps.edu.in, Jomy K A <jomy7919@gmail.com>, Paruchuri Satish Chandra <satishchandra.p@srivishnu.edu.in>, Abhinav Dayal <abhinav.dayal@vishnu.edu.in>, S V Sai Kumar <svsaikumar@svcp.edu.in>, kumar nemmani <kumarnemmani@svcp.edu.in>, "Dr.Ramesh Alluri" <principal@viper.ac.in>, "J. Augustine" <augustine.j@srivishnu.edu.in>, "A. Jebaselvi" <jebaselvi.a@srivishnu.edu.in>, Srinivasa Rao <srinivasarao.ch@srivishnu.edu.in>, Ravichandran vishnu <ravir@srivishnu.edu.in>

The 10 am meeting today for Campus Moodle support is rescheduled to 10:30 am due to unavoidable circumstances. Sorry for the inconvenience. Meeting link is below.

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzFlZDk1NjMtOTU1Zi00OTZhLTllMzgtMTdhYzg1YTIxMjI2%40thread.v2/0?context=%7b%22Tid%22%3a%22b8593818-1c51-461d-ac9a-c1192e67c2dd%22%2c%22Oid%22%3a%22745b9cbf-36a6-46ea-9381-8507fa59fd91%22%7d

Thank you
Siva
[Quoted text hidden]

Vishnu Online Interactive Colloquium on Education - Inaugural Webinar on June 1, 2020, 12 to 1:30 pm.

8 messages

Prof. Sivakumar Krishnan <siva.k@srivishnu.edu.in> Sun, May 31, 2020 at 12:59 PM
To: "Dr. Dr. Laxmiprasad" <principal@bvrit.ac.in>, "Dr. G. Srinivasa Rao" <principal@svecw.edu.in>, "Dr. KVN Sunitha" <principal@bvrithyderabad.edu.in>, "Dr.Suryanarayana" <surya_dasika@yahoo.com>, sureshsajjanmc@vdc.edu.in, K Prasad <principal@svcp.edu.in>, kumar nemmani <kumarnemmani@svcp.edu.in>, "Dr.Ramesh Alluri" <principal@viper.ac.in>, "I. R. K. Raju" <irkraju@bvrice.edu.in>, brahmarao.kbv@bvrice.edu.in, principal sbsp <principalsbsp@gmail.com>, jomy7919@gmail.com, sathiyamoorthy.r@vps.edu.in, Chitta venkata srinivas <drsvchitta@gmail.com>, Y Ramu <yramu@svecw.edu.in>, Nagakrishna <nagakrishna.n@vishnu.edu.in>, Vedic Coordinator <vedic.coordinator@bvrit.ac.in>, vedic.coordinators@bvrit.ac.in, Gangadhar Tilak <tilak.m@bvrithyderabad.edu.in>, Santhosha D <santhosha.d@viper.ac.in>, Ravikumarreddy J <ravikumarreddy.j@svcp.edu.in>, Chandrasekhar Rayala <rayala.csekhar@gmail.com>, BHASKARA MURTHY VEERUBHOTLA <murthyvb@gmail.com>
Cc: Paruchuri Satish Chandra <satishchandra.p@srivishnu.edu.in>, Abhinav Dayal <abhinav.dayal@vishnu.edu.in>, Ravichandran vishnu <ravir@srivishnu.edu.in>, Vishnu Raju <kvvraju@yahoo.com>, "J. Augustine" <augustine.j@srivishnu.edu.in>, "A. Jebaselvi" <jebaselvi.a@srivishnu.edu.in>, Srinivasa Rao <srinivasarao.ch@srivishnu.edu.in>, Madhu Babu <madhubabu.b@bvrit.ac.in>

Dear Principals and leaders of institutions,

Welcome to VOICE (Vishnu Online Interactive Colloquium on Education). This Online Colloquium series is designed to help our faculty transition to the online teaching mode with the help of the expertise and experience of our SVES faculty and the VEDIC team.

While this is an excellent forum for our faculty voices to showcase their unique experiments and perspectives on online teaching, it is also designed to be interactive so that we hear the faculty and teachers working 'in the field' about challenges and difficulties that they are encountering while attempting to create excellent learning experiences for our students.

We fully intend that all SVES faculty and teachers benefit from this Colloquium not only through the live interaction of the webinar but also from the Moodle course posts and discussions as well. While it is strongly recommended that faculty participate in these webinars live, the recording of the webinar will be available for later review for all participants as well as those who registered for the webinar but missed attending it because of extenuating circumstances beyond their control.

Step 1: Please enroll in the course on Moodle - Vishnu Learning. Detailed instructions are in the attached PDF document.
The key to enroll in the course is 'svesonline'
Step 2: Complete the registration form for the webinar using the link below.

https://docs.google.com/forms/d/e/1FAIpQLSeDPm_XeIAj5vcaeskC7gMxNPVBJk0s9D2tsk1CE7Rn0Pqb_A/viewform?usp=pp_url

You will get a notification from Moodle with a link to the meeting closer to the time of the webinar.

Webinar #1:
Date and Time: June 1, 2020, Monday, 12:00 pm to 1:30 pm.
Title: Basic Infrastructure, Network and Tools for Online Teaching
Resource Persons: Prof. KVN Srinivasa Rao, Mr. Dasaradh Ramaiah and Prof. Sivakumar Krishnan
Facilitators: Prof. Sivakumar Krishnan and Prof. Abhinav Dayal

Thank you
Siva.

B.V. RAJU COLLEGE :: VISHNUPUR
6.3.3

2020-21

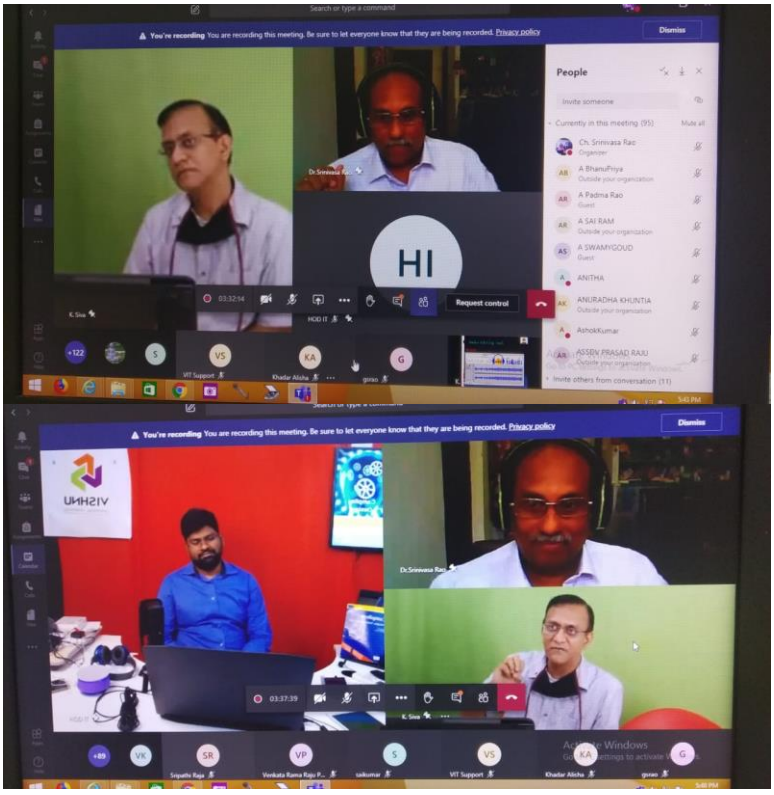
Vishnu Online Interactive Colloquium

Vishnu Online Interactive Colloquium on Education (VOICE)- Inaugural Webinar on June 1, 2020, 12 to 1:30 pm. This Online Colloquium series is designed to help our faculty transition to the online teaching mode with the help of the expertise and experience of our SVES faculty and the VEDIC team.

2. Vishnu Online Interactive Colloquium on Education (VOICE)

Webinar #1:

Date and Time: June 1, 2020, Monday, 12:00 pm to 1:30 pm.
Title: Basic Infrastructure, Network and Tools for Online Teaching
Resource Persons: Prof. KVN Srinivasa Rao, Mr. Dasaradh Ramaiah and Prof. Sivakumar Krishnan
Facilitators: Prof. Sivakumar Krishnan and Prof. Abhinav Dayal



3. Vishnu Online Interactive Colloquium on Education (VOICE)

webinar sessio+A2ns going forward on a weekly basis and for tool development and Moodle basics series. June 15, 2020, Mon - 3 to 4:15 pm

Title: VOICE : Interactive Sessions Online - J Venkatesh, Abhinav Dayal, Sivakumar Krishnan

Participants - Open to all faculty,

Format: MS Teams meeting and Youtube Live

4. Vishnu Online Interactive Colloquium on Education (VOICE)

June 17, 2020, Wed - 2:30 pm to 3:45 pm

Title: VOICE Webinar #4: Video editing with Filmora (Lakshmi Narayana, SVECW) + Basics of script writing and rubrics for content and video review (Sivakumar Krishnan)

Participants - Standards team + others (max 200) + Others on Youtube Live

Format: Moodle Vishnu Learning Course - Big Blue Button + Youtube Live

Dr. Nagakrishna, VIT - Youtube Live setup

5. Vishnu Online Interactive Colloquium on Education (VOICE)

June 18, 2020, Thu - 10 am to 12 pm

Title: VOICE Webinar #5: Intro to Moodle setup of course Hands-on webinar

Participants - Standards team (max 100) + others on Youtube Live

Format: Moodle Vishnu Learning BBN

6. Vishnu Online Interactive Colloquium on Education (VOICE)

June 19, 2020, Fri - 2:30 to 3:45 pm

Title: Video editing using H5P (Ramadevi, BVRITH) + Video editing using OpenShot (KVN Srinivasa Rao, BVRITN)

Participants - Standards team (max 100) + others on Youtube Live

Format: Moodle Vishnu Learning BBN June 23, 2020, Tue - 2:30 to 3:45 pm

Using H5P for Content Generation (Hands-on) - Ms. Rama Devi ,IT (BVRITH) and Mr. Saikumar, Pharmaceutical Analysis (SVCP)

7. Vishnu Online Interactive Colloquium on Education (VOICE)

June 24, 2020, Wed - 2:30 to 3:45 pm

Whiteboarding Tools and Digital Pens - Dr. Padma Vasavi, ECE (SVECW), Mr. Sai Siddharth, PHE (BVRITN), Mr. Jagadish, BSH-Chemistry (SVECW)

June 26, 2020, Fri - 2:30 to 3:45 pm

Virtual Labs and Projects using Simulations - Ms. Radha Abburi, ECE and Ms. Praveena M, ECE (BVRITH)

8. Vishnu Online Interactive Colloquium on Education (VOICE)

June 29, 2020, Mon - 2:30 to 3:45 pm

Use of Screencasting Tools for Content Generation (OBS Studio and Screencastomatic) - Dr. PSR Murthy, IT (VIT) and Dr.Veera Manickam M, IT (SVECW)

July 1, 2020, Wed - 2:30 to 3:45 pm

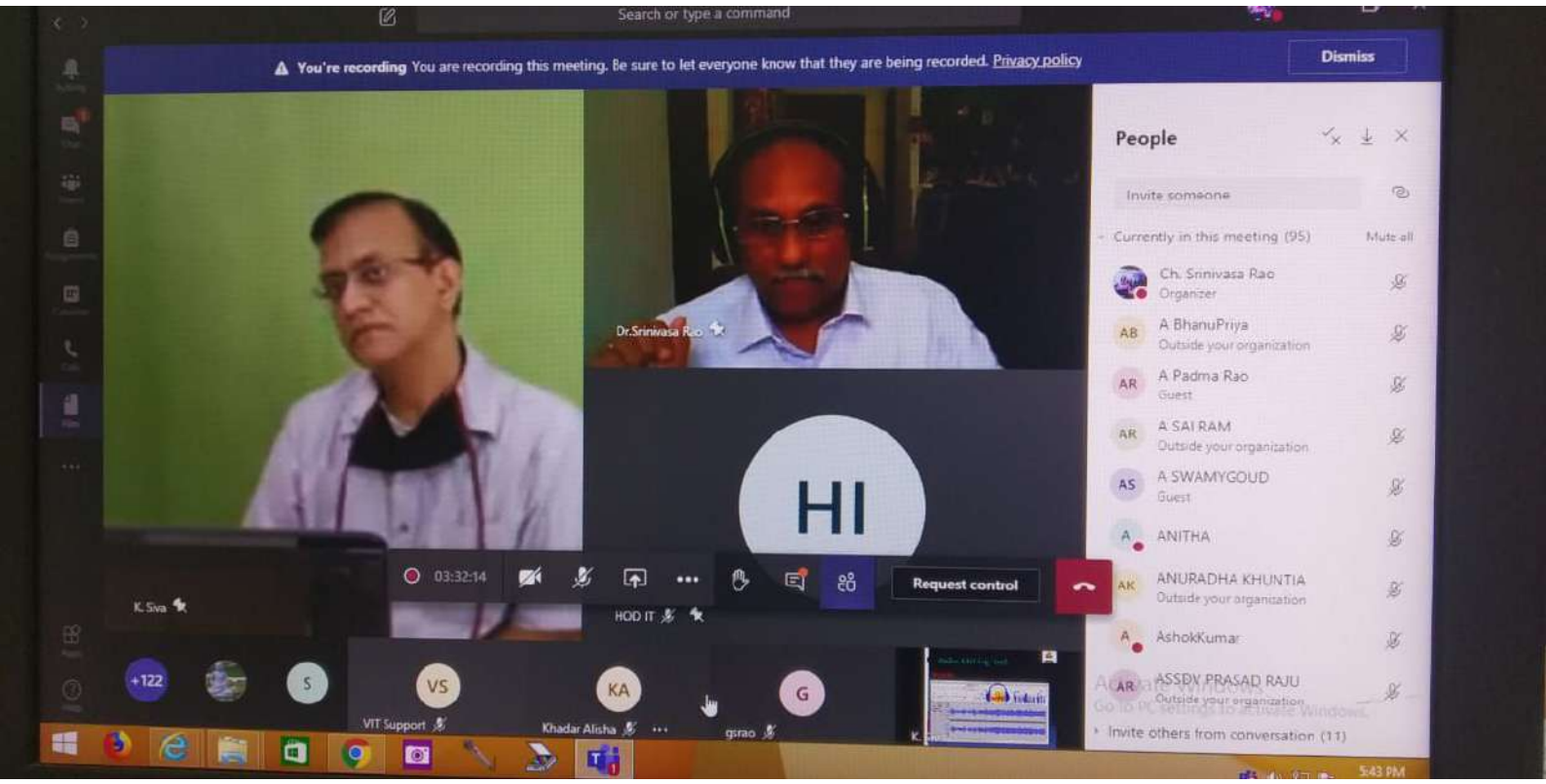
Video Editing with OpenShot and Use of Active Presenter (Hands-on) - Prof. KVN Srinivasa Rao, ME (BVRITN) and Dr. Brahma Rao, MCA (BVRC) July 3, 2020, Fri - 2:30 to 3:45 pm

Teaching with Matlab - Dr. Sudheer Kumar Terlapu, ECE (SVECW) and Mr. MV Subbarao, ECE (SVECW)

9. Vishnu Online Interactive Colloquium on Education (VOICE)

August 31, 2020, Monday - 11:00 am to 12:30 pm

Gearing Up for Online Teaching - Dr. Subrahmanyam Gorthi, Department of Electrical Engineering, IIT, Tirupathi


Search or type a command
You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy
Dismiss
Dr.Srinivasa Rao
HI
People
Invite someone
Currently in this meeting (95)
Mute all
Ch. Srinivasa Rao
Organizer
A BhanuPriya
Outside your organization
A Padma Rao
Guest
A SAI RAM
Outside your organization
A SWAMYGOUD
Guest
ANITHA
ANURADHA KHUNTIA
Outside your organization
AshokKumar
ASSDV PRASAD RAJU
Outside your organization
Invite others from conversation (11)
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K. Siva
HOD IT
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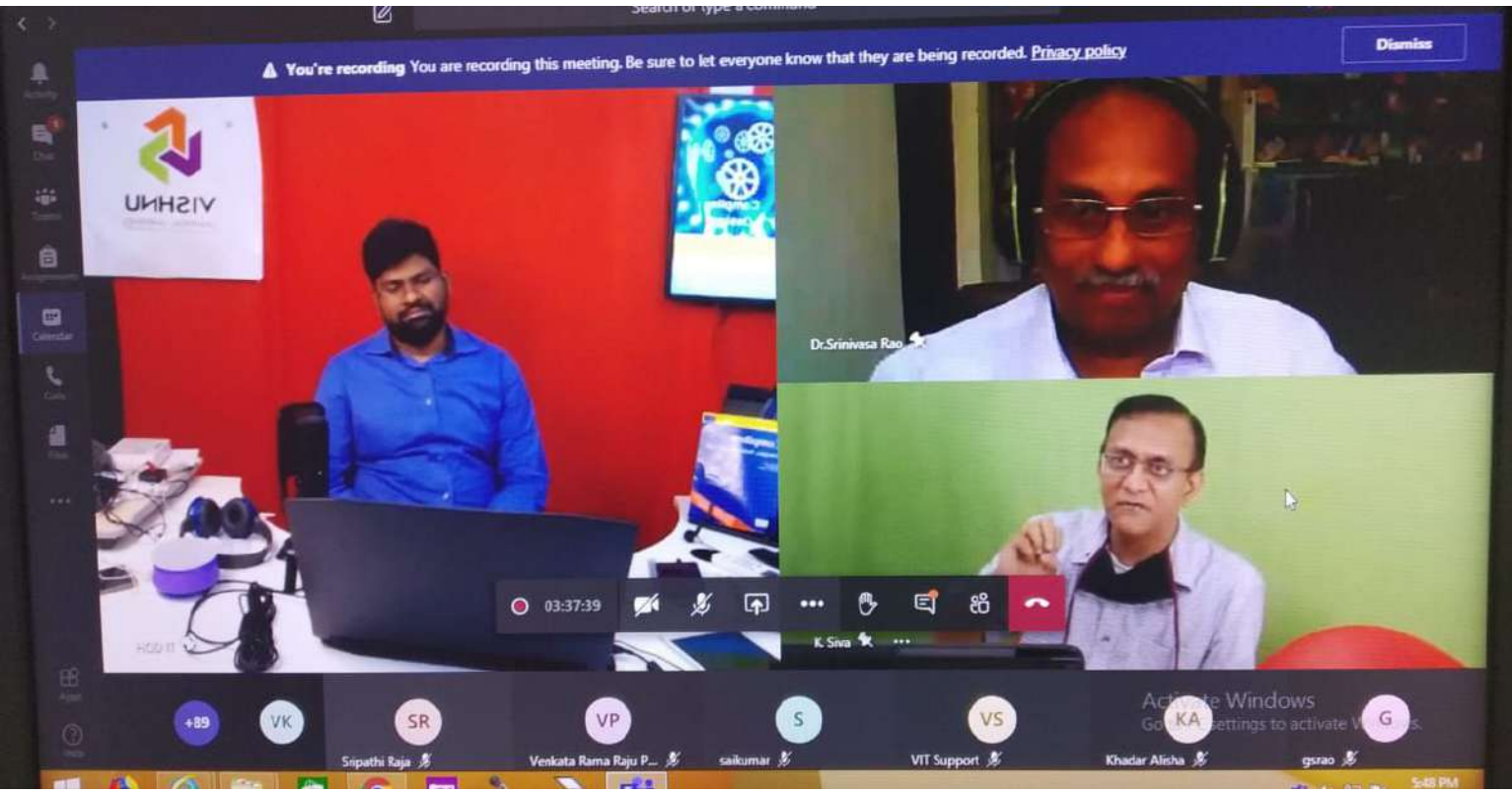
VIT Support
Khadar Alisha
gsrao
5:43 PM


You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy
Dismiss
Dr.Srinivasa Rao
K. Siva
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+89
Sripathi Raja
Venkata Rama Raju P...
saikumar
VIT Support
Khadar Alisha
gsrao

Vishnu Online Interactive Colloquium on Education (VOICE)

08-07-2021

Innovative Approaches to Improve Student Motivation and Engagement

"Optimization Techniques"(OT) Course

IV-II-EEE-A&B

Mr. J. Venkatesh

Assistant Professor – EEE

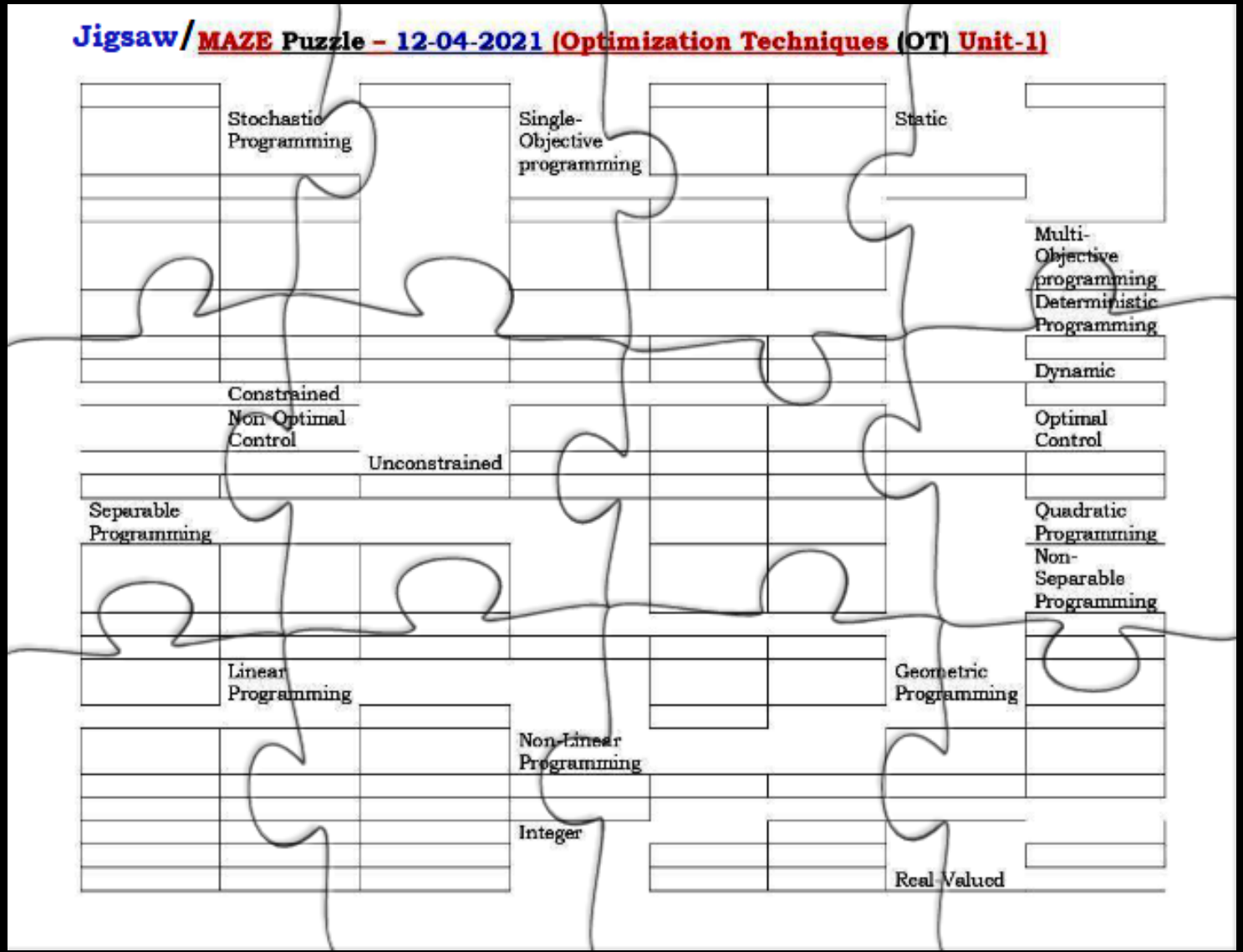
Shri Vishnu Engineering College For Women (A) : Bhimavaram

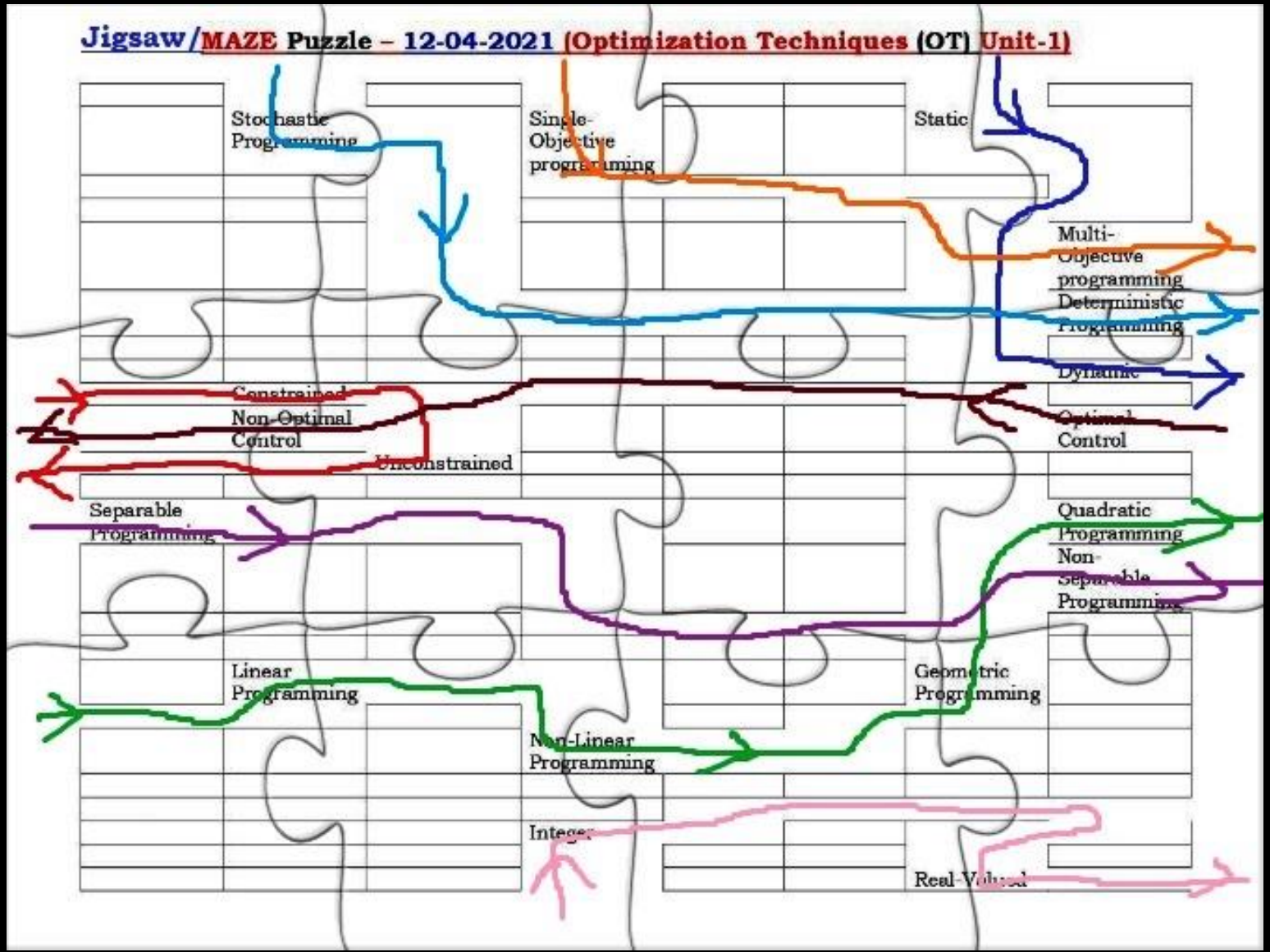
Day – 1 class

ALUMNA Testimonial & History of the Course

Personal Overview about
"Optimization Techniques"
Course to motivate students
towards Course

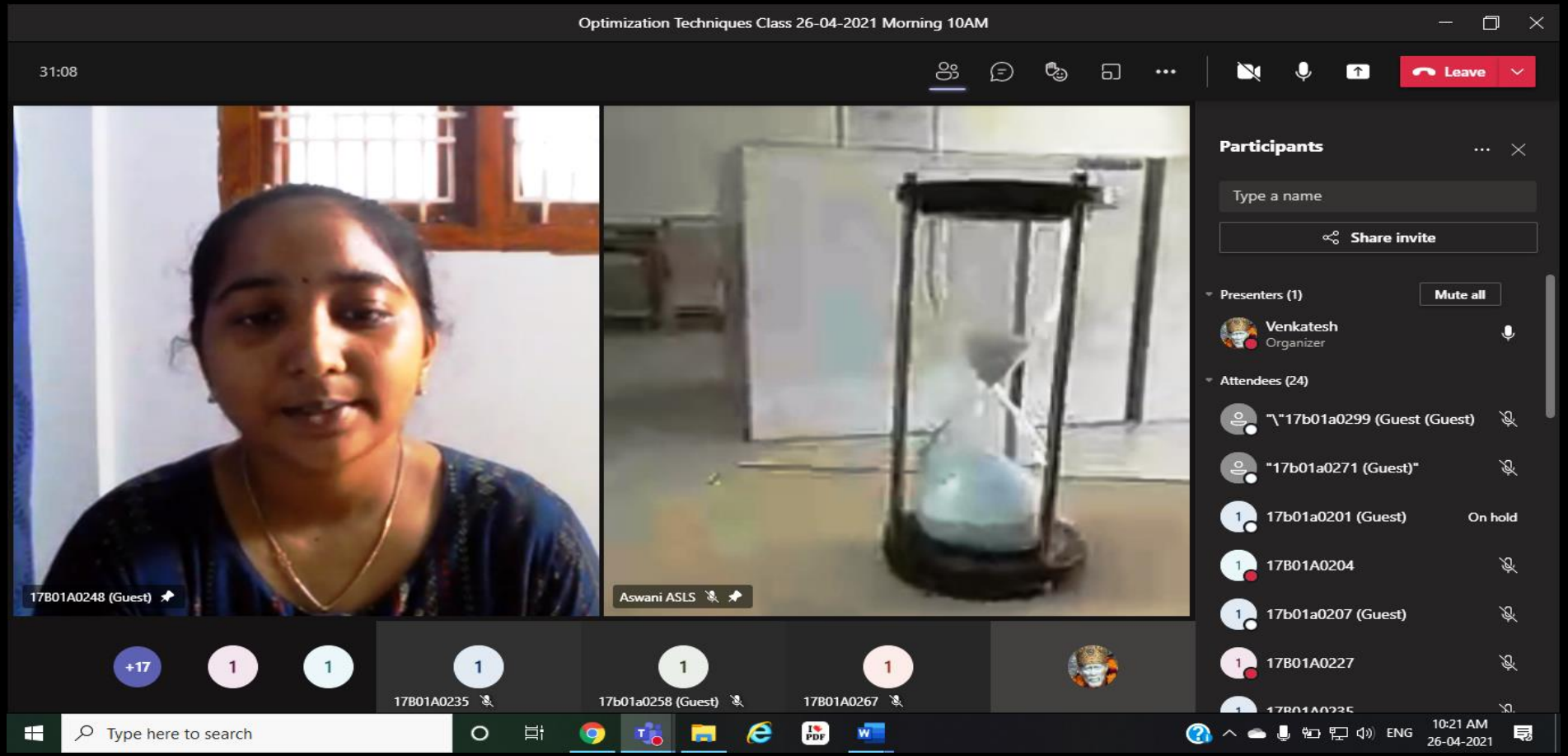
Jigsaw/MAZE Puzzle – 12-04-2021 (Optimization Techniques (OT) Unit-1)



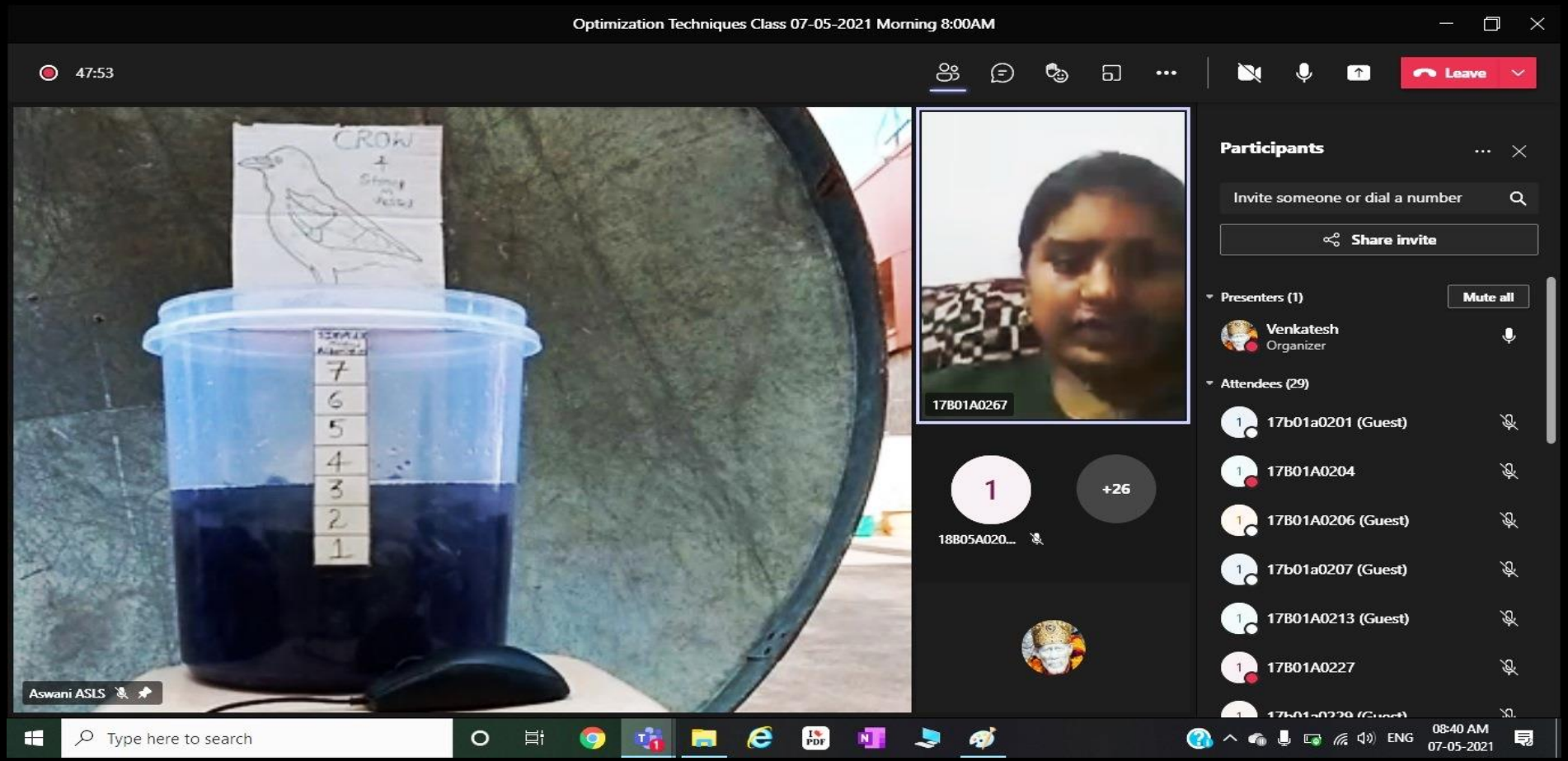

Jigsaw/MAZE Puzzle – 12-04-2021 (Optimization Techniques (OT) Unit-1)
Stochastic Programming
Single-Objective programming
Static
Multi-Objective programming
Deterministic Programming
Dynamic
Constrained
Non-Optimal Control
Optimal Control
Unconstrained
Separable Programming
Quadratic Programming
Non-Separable Programming
Linear Programming
Geometric Programming
Non-Linear Programming
Integer
Real-Valued

"Sand Timer" Countdown Seminar

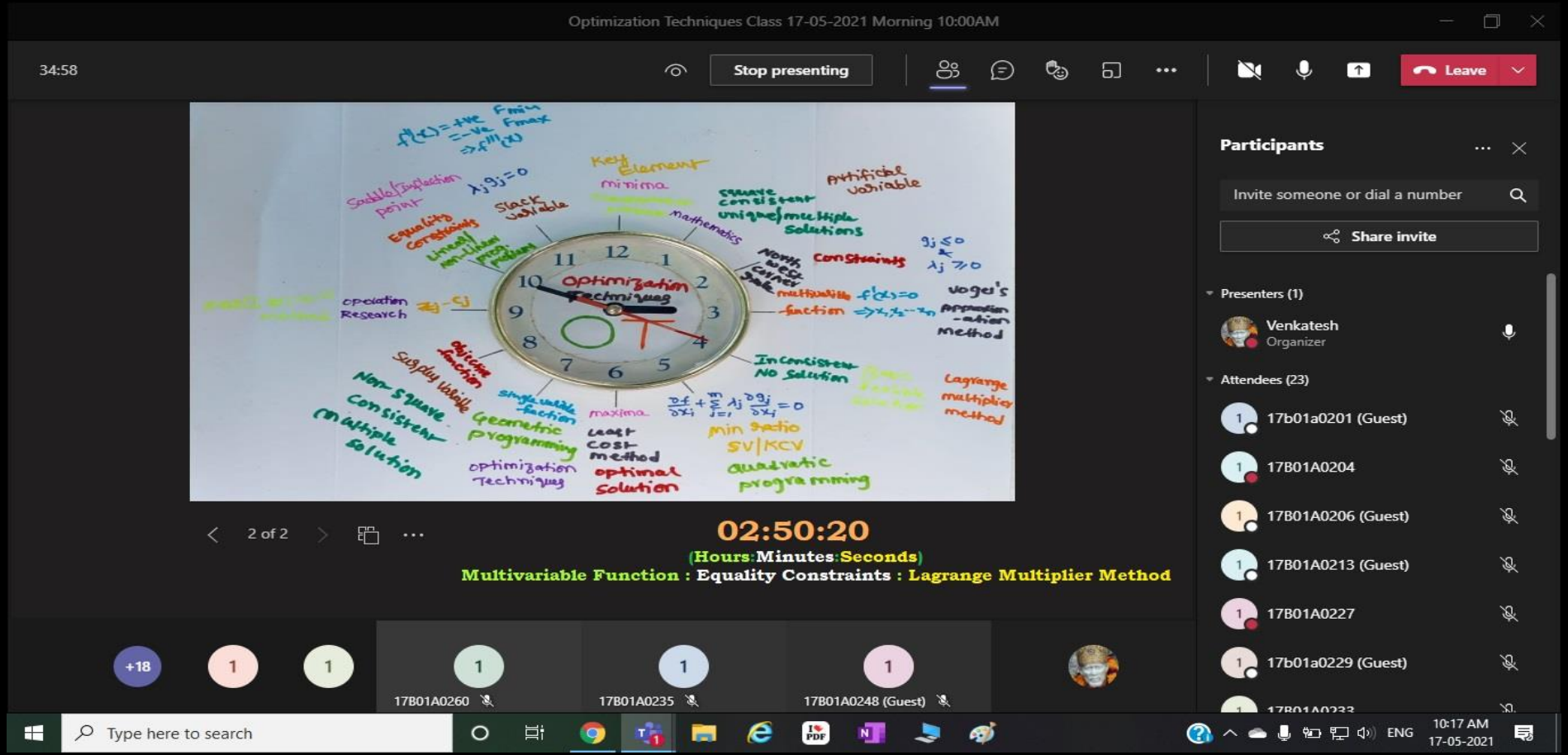
26-04-2021 (17B01A0248)



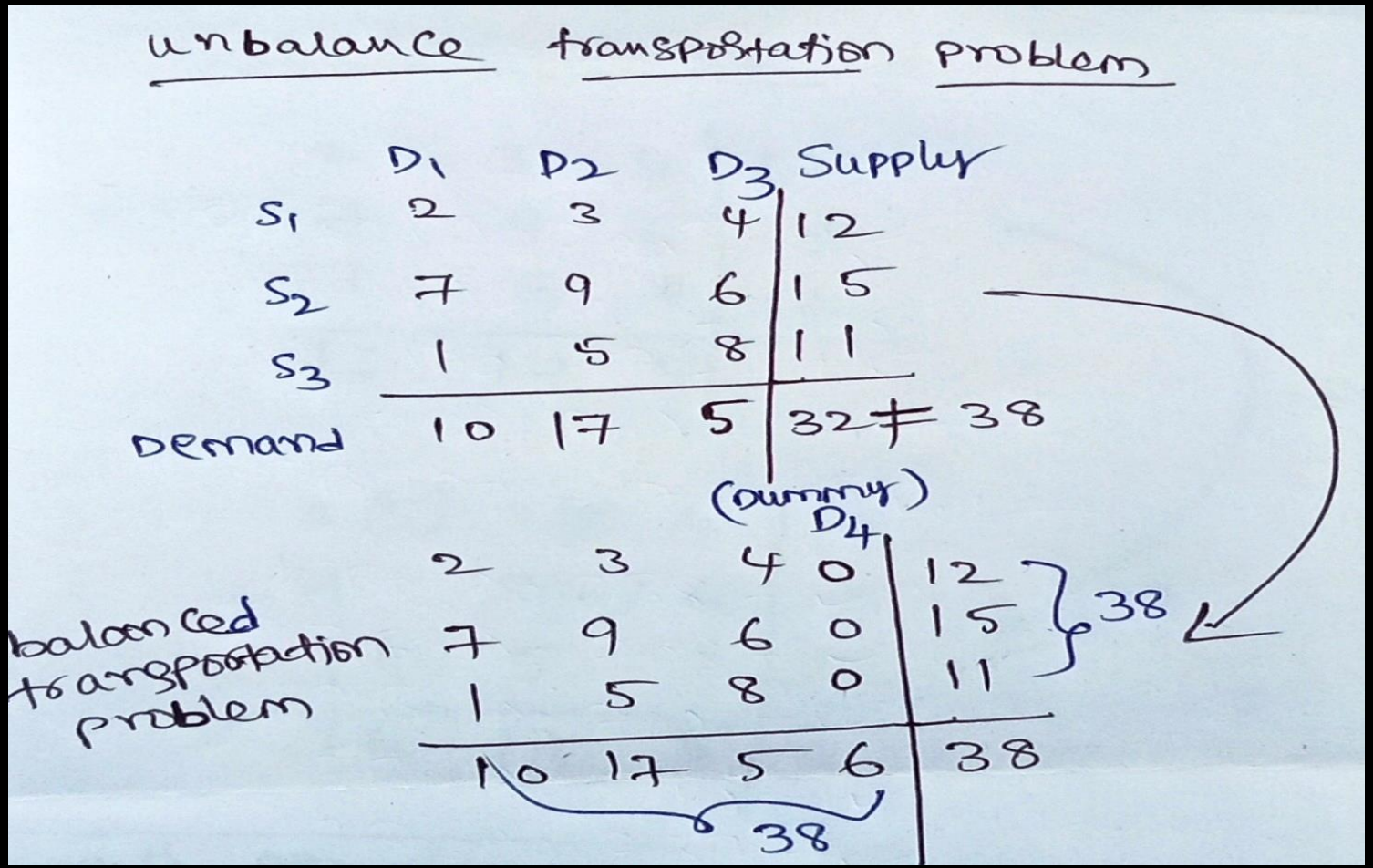
"Crow and Stones in Vessel" Story based Seminar 07-05-2021 (17B01A0267)



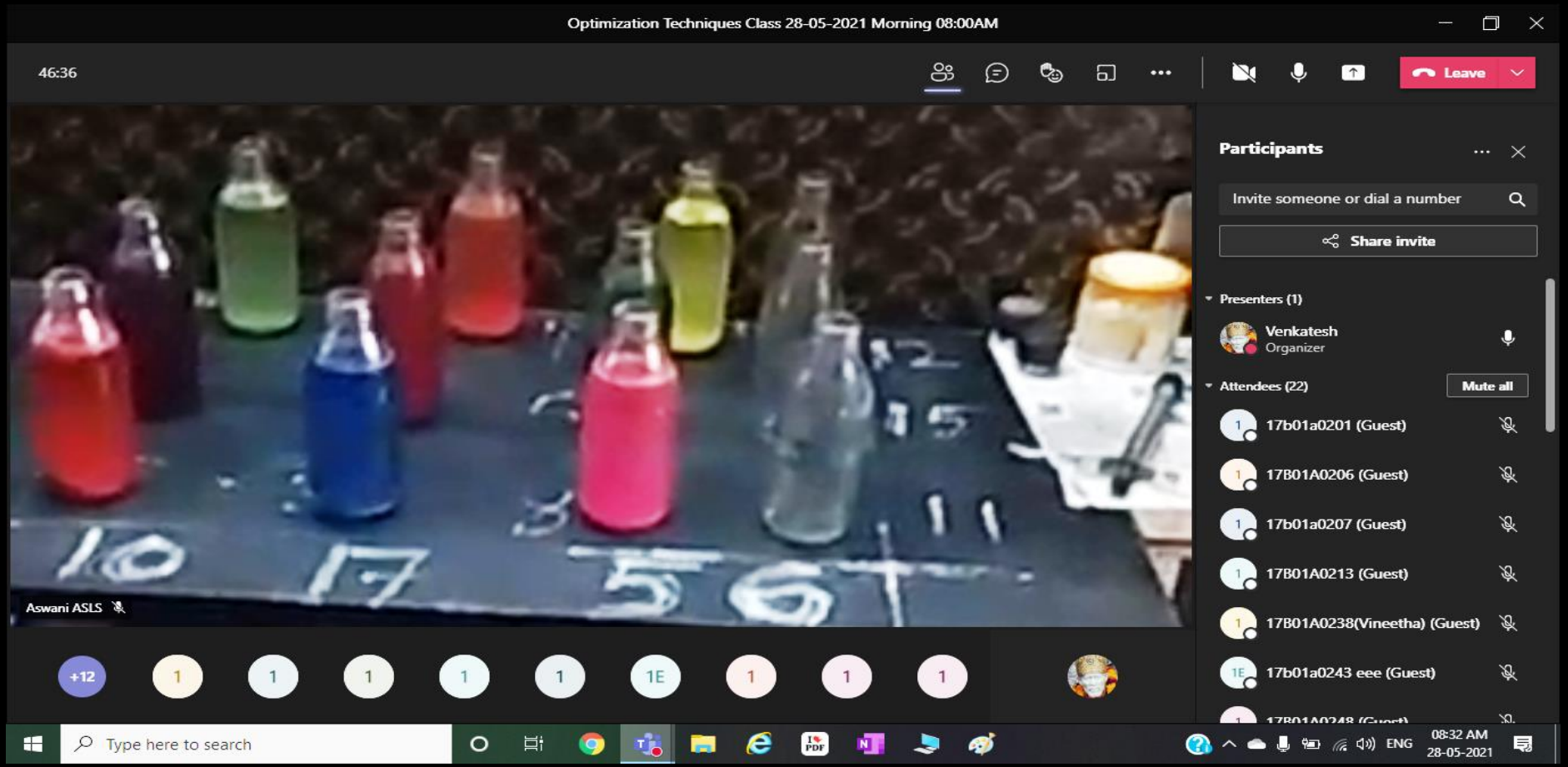
Optimization Techniques "Wall Clock" Discussion 17-05-2021



Sample "Unbalanced" Transportation Problem



"Color Water Bottles" in Transportation Problem 28-05-2021



“Spin Wheel - ATM cards”

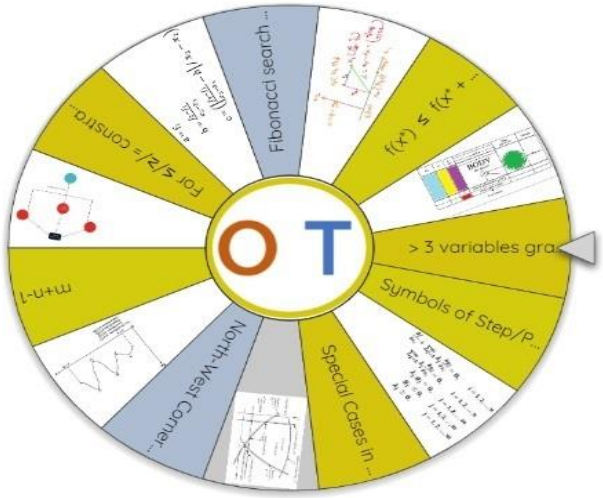
Treasure Hunt Discussion 15-06-2021

15-06-2021 Spin wheel - ATM cards

Venkat... > Quick Notes

IV-EEE

Level	A		B	
1	?	= ATM1 + ATM2	=	2000+100000=102000
2	??	= ATM3 + ATM4	=	1000+500=1500
3	???	= ATM5 + ATM6	=	100+10=110
4	????	= ATM7 + ATM8	=	200+20=220
5	?????	= ATM9 + ATM10	=	1+0=1
				103831



Optimization Techniques Class 15-06-2021 Morning 08:00AM

21:55

Leave

8/12

paytm payments bank

6080 3200 2777 5743

12/25

JONNALAGADDA VENKATESH

PLATINUM RuPay DEBIT

Not quite

Got it

Aswani ASLS

+16

AA

Aswani ASLS

Participants

Invite someone or dial a number

Share invite

Presenters (2)

Venkatesh
Organizer

Aswani ASLS
Outside your organization

Attendees (16)

17b01a0201 (Guest)
Guest

17B01A0227

17B01A0233

17B01A0235

17B01A0248 (Guest)
Guest

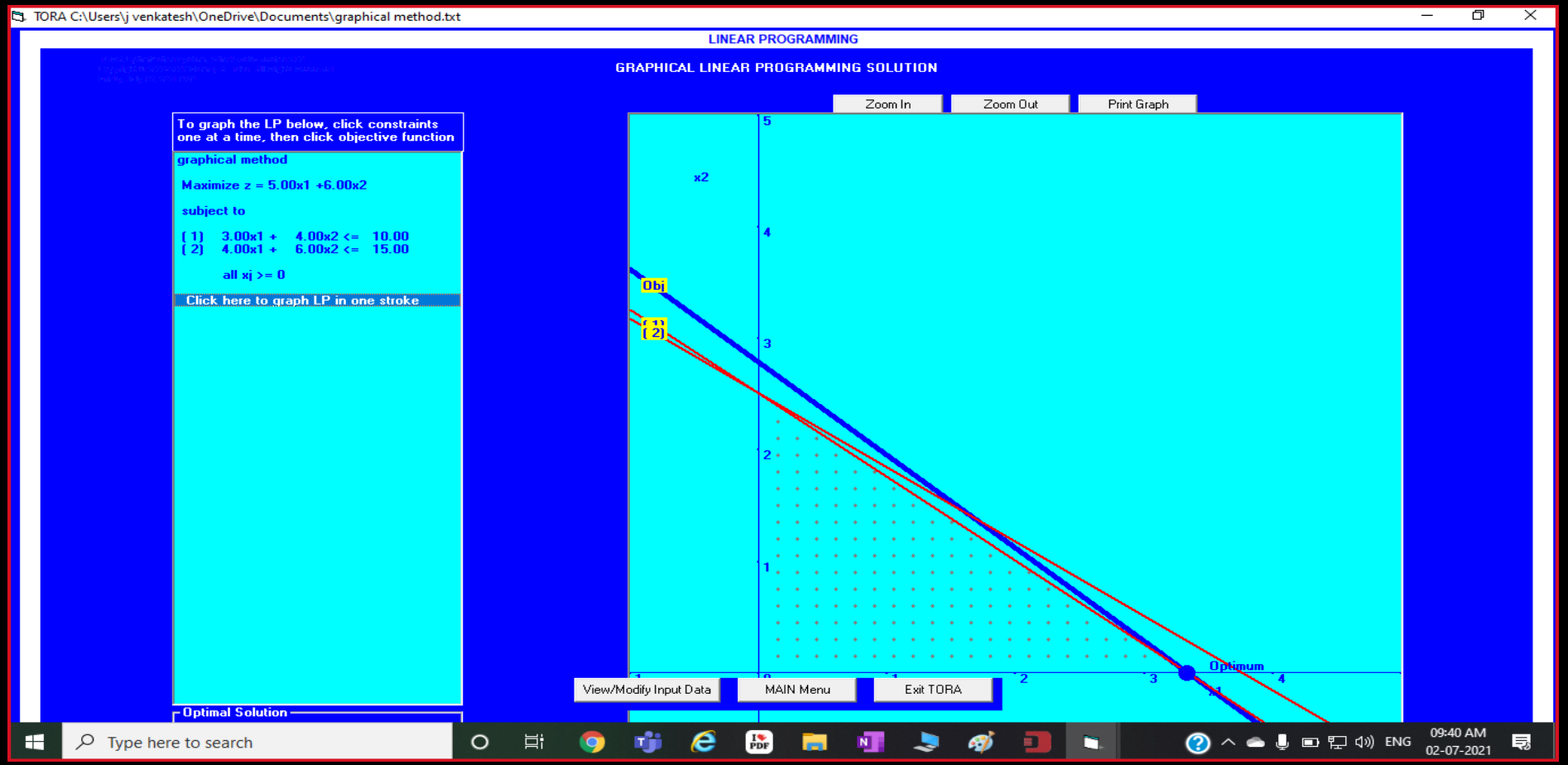
17b01a0251 (Guest)

Type here to search

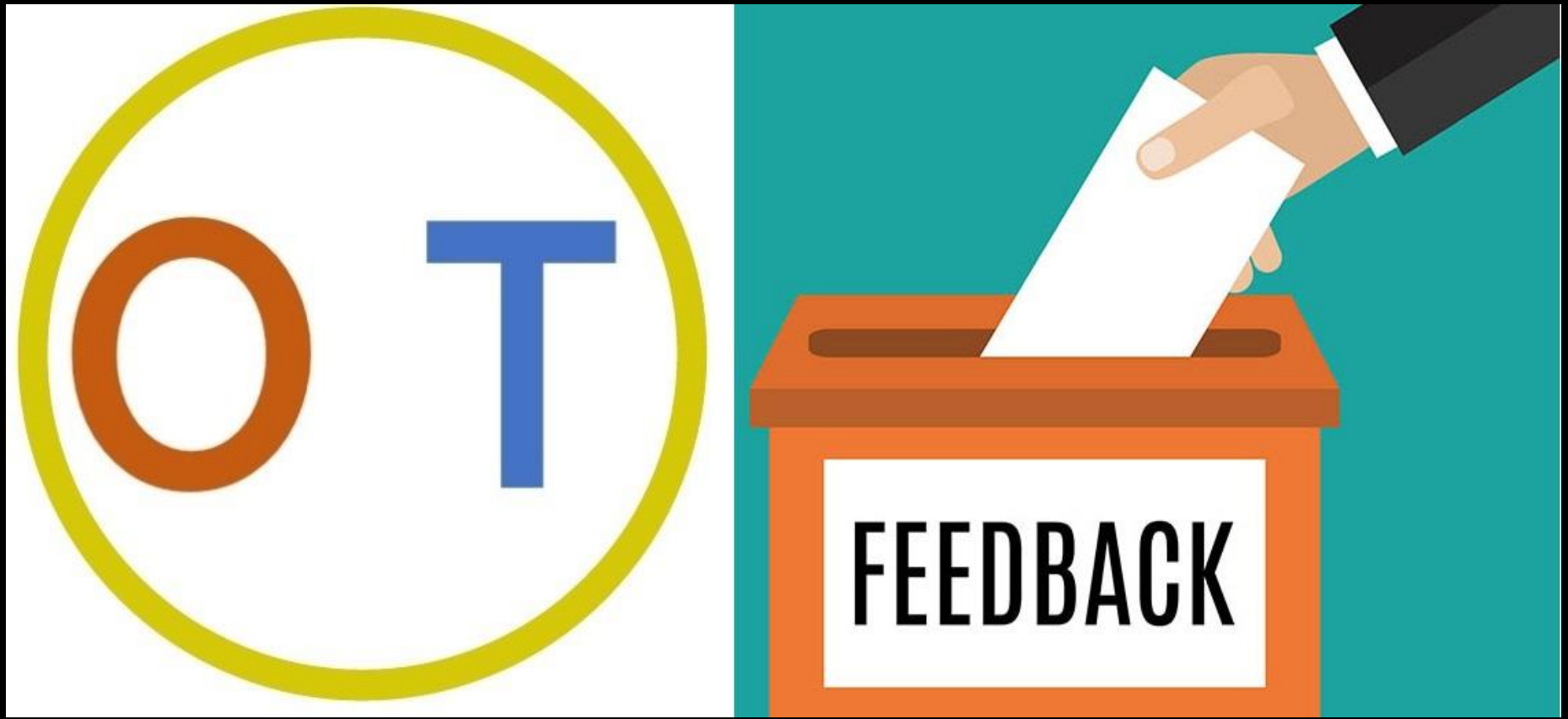
ENG

08:13 AM
15-06-2021

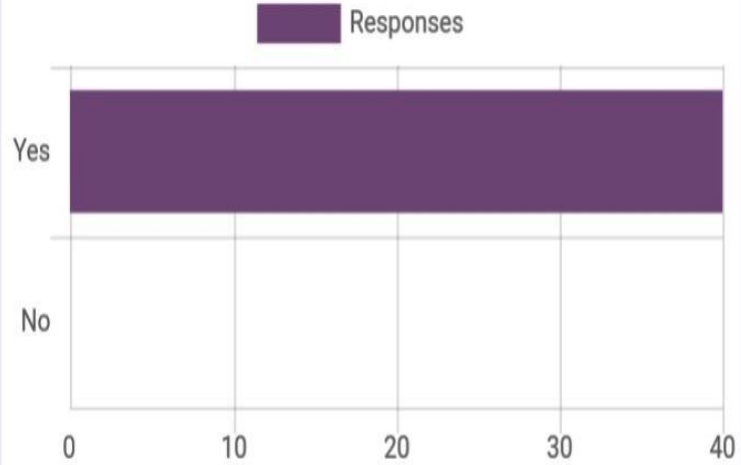
TORA Software



OT "Greeting Cards" via Post/Courier


O T
FEEDBACK

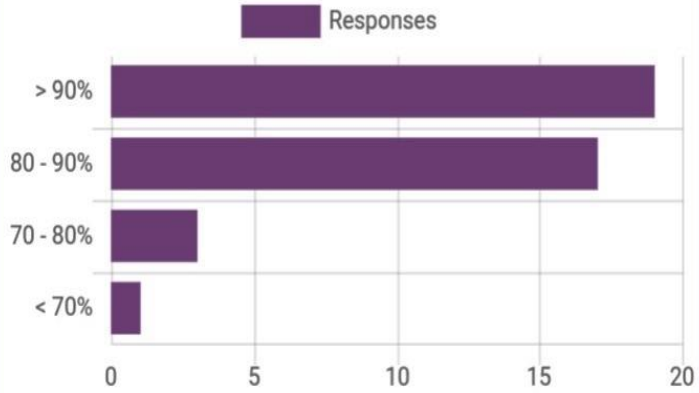
Have you improved your Mathematical Concepts Knowledge by learning this "Optimization Techniques" (OT) course ?



Hide chart data

	Responses
Yes	40 (100.00 %)
No	0

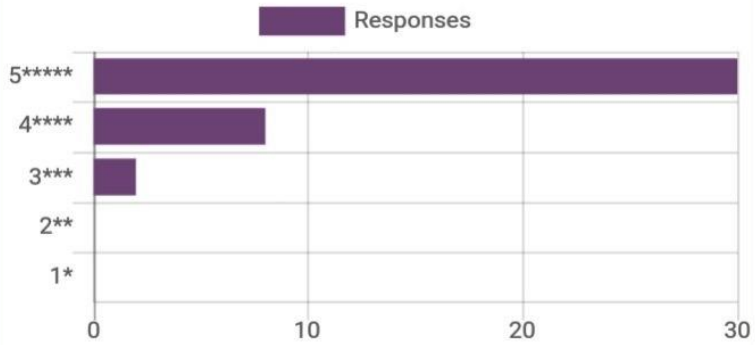
How far Activities created interest and motivated yourself towards "Optimization Techniques" (OT) Course ?



Hide chart data

	Responses
> 90%	19 (47.50 %)
80 - 90%	17 (42.50 %)
70 - 80%	3 (7.50 %)
< 70%	1 (2.50 %)

Give your rating to "Optimization Techniques" (OT) Course Page designed in "Moodle" ? (Unit-wise Lecture Notes/Problems, Quizzes, Assignments, Syllabus, Model Paper, Activity Photos Slideshow, TORA software)



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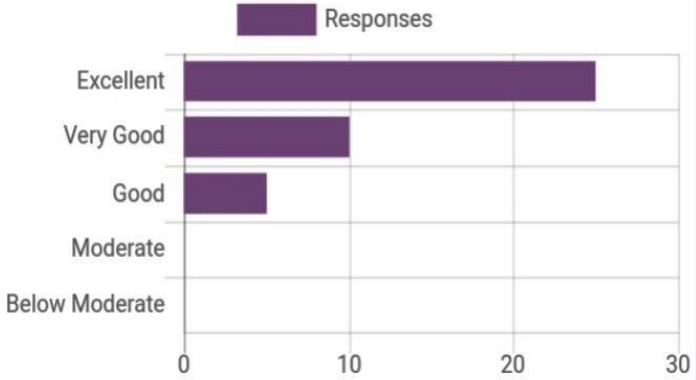
	Responses
5***	30 (75.00 %)
4**	8 (20.00 %)
3***	2 (5.00 %)
2**	0
1*	0

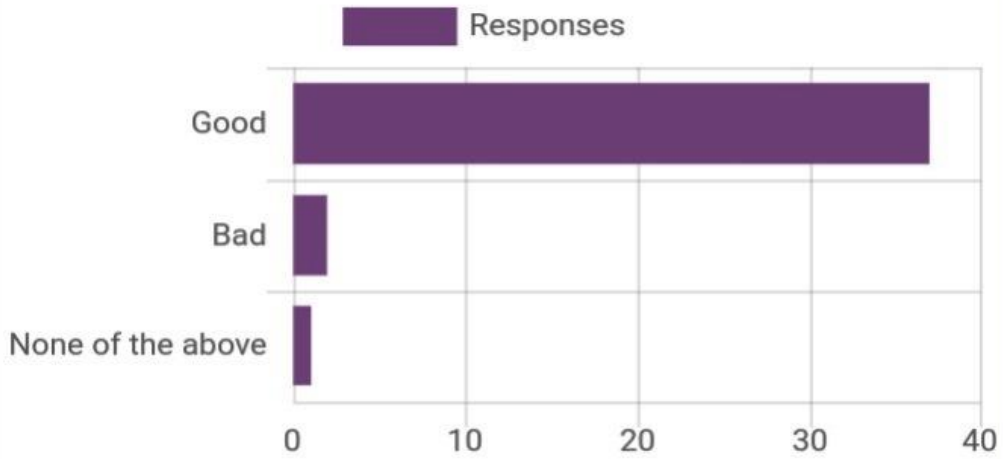
Overall Feedback about course "Teacher" handling "Optimization Techniques" (OT) course ?



Hide chart data

	Responses
Excellent	25 (62.50 %)
Very Good	10 (25.00 %)
Good	5 (12.50 %)
Moderate	0
Below Moderate	0

Learning "Optimization Techniques" (OT) course in ONLINE mode is ..... Experience ?



Hide chart data

	Responses
Good	37 (92.50 %)
Bad	2 (5.00 %)
None of the above	1 (2.50 %)

VISHNU
UNIVERSAL LEARNING

Mentimeter

Discussion POLL

VEDIC

Go to www.menti.com and use the code 8426 0835

All Staff & Students of SVECW(A)

Vishnu Educational Development & Innovation Centre

VEDIC

For Exclusively for Institutions running under
Sri Vishnu Educational Society (SVES)

Vision Statement

The Vishnu Educational Development and Innovation Centre (VEDIC) is a place where our faculty members, staff, students, and other experts work in a collaborative environment to create rich, engaged learning and teaching experiences.

Mission Statement

The Vishnu Educational Development and Innovation Centre (VEDIC) have been set up for development of faculty and students for the requirements of FUTURE. With the current scenario of transformation from teaching to learning, faculty and students have to understand innovative scientific education practice and educational psychology and behavioral science. In the exclusive residential campus of VEDIC, faculty and students undergo interactive and activity based training programmes on these areas. Projects are also on for building up of educational software for content development and delivery. Research work is on identified thrust areas of education. This center is unique in a private funded education institution for the benefit of more than 1200 faculty and 20000 students. With the participation of experts from India and abroad, VEDIC will be emerging as a Center of Excellence in the years to come.

Objectives

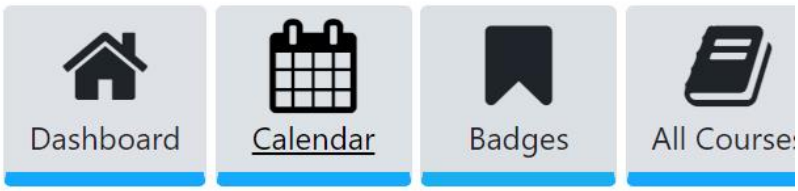
- Conduct training sessions on innovative educational practices both for students and faculty members
- Conduct training sessions on holistic development of students
- Conduct training sessions on emotional intelligences
- Conduct training sessions on building leadership qualities
- Conduct colloquium, conferences and seminars to improve the quality of educational practices
- Conduct educational research, technical research studies and experimentation.
- To build educational software's and digital resources
- Create course materials to accelerate the learning quality of students

Step 1:

Enroll in Moodle Vishnu Learning using key ‘svesonline’.

Step 2:

You will see the dashboard and courses like below.

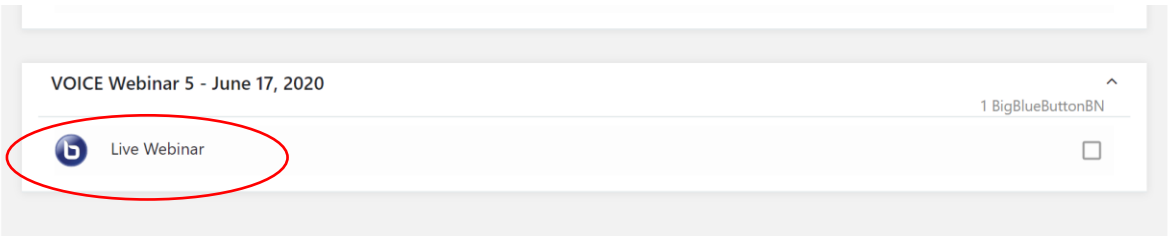


Step 3:

Click on the course ‘Effective Online Teaching and Engagement’

Step4:

Go to section below and click on Live Webinar to start participation.



Creating Engaging Video Lectures

By Dr. Abhinav Dayal

The current pandemic has necessitated the use of online learning. The physical presence of the teacher, classroom environment, sitting and being with peers, the real-life experience of a class is difficult to replicate online. Being alone in front of a system and virtually interacting with the world has its own repercussions.

“Permanent work from home can be damaging for the mental health of employees, says Satya Nadella”- It says, permanently working from home damages the social interaction Vis-à-vis mental health.

Why does it affect mental health? Outside the Home, We Interact. Within the Home, We React!. During the Interaction, we act from the Brain. During the Reaction, we act from the Heart! Interaction goes loosely coupled. Reaction happens tightly coupled. Interaction happens without attachment. Reaction happens with attachment. Interaction does not become duty bound. Reaction always becomes duty bound. The Lockdown reduced INTERACTIONS but increased REACTIONS! (*this paragraph is adapted from an article by Dr. Ravi Saripalle*)

There is also a synergistic effect when we are in an environment that is conducive to learning or to the goal we want to achieve. The interactions lead to the energy transfusion that boosts up an individual. Unless one carries a high potential of determination and enthusiasm and an attitude towards attaining one’s learning and career goals, there is even more possibility of one getting into depression, or take to time wasting activities, kind of being over dependent on external help for taking forward steps.

So while the live in person interaction is unmatched, we need to replicate to the best extent the atmosphere and any such method that encourages a person and pulls one towards a positive attitude.

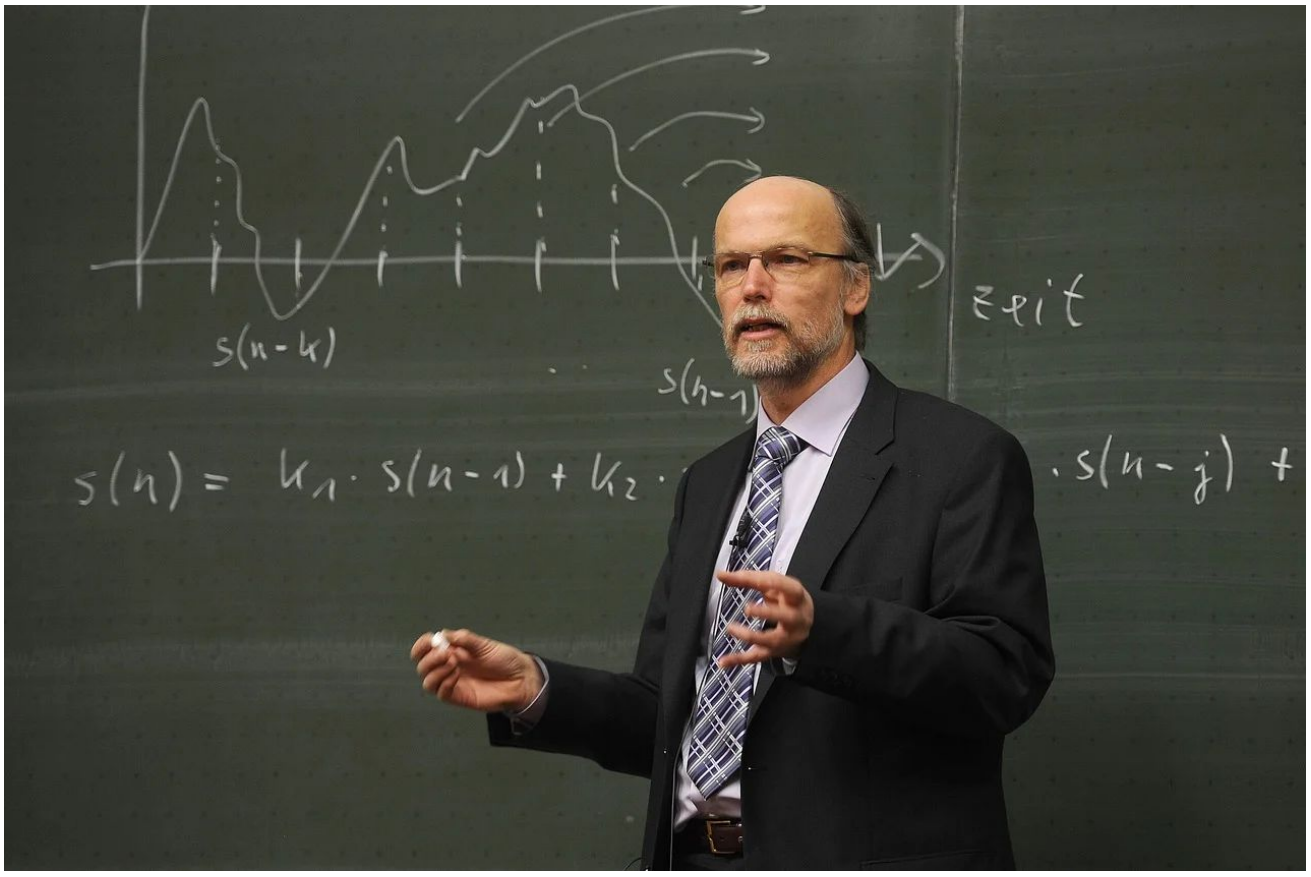
How is all this related to the art of video making?

It is very much related. The video must carry extra potential energy of the creator, invigorating with wonderful experiences, giving the learner that motivation and energy to come forward and interact with the content. The video must make up for the lack of environment, peer presence and the classroom effect. Of course gamification like badges, level up, peer competition and in video assessments help but often people skip the video and do the assessment many a times by copying for want of the right understanding of why they should be learning and spending their attention and thinking on the subject matter. If marks is what you need and there are cheaper means to get those one will go for those. So there are other factors as well like building motivation and determination etc. however out of scope for this article. In this article we shall look into how we can address these and related issues with the art of good video making.

We shall discuss several styles of video that one can make. The choice of style is open although there is benefit of certain styles over others, but more than the style it is the energy with which the creator made that video, that is more important. In other words that energy will make that style video more impactful and will bring in the right inspiration to curate the best and engaging content.

Video Styles

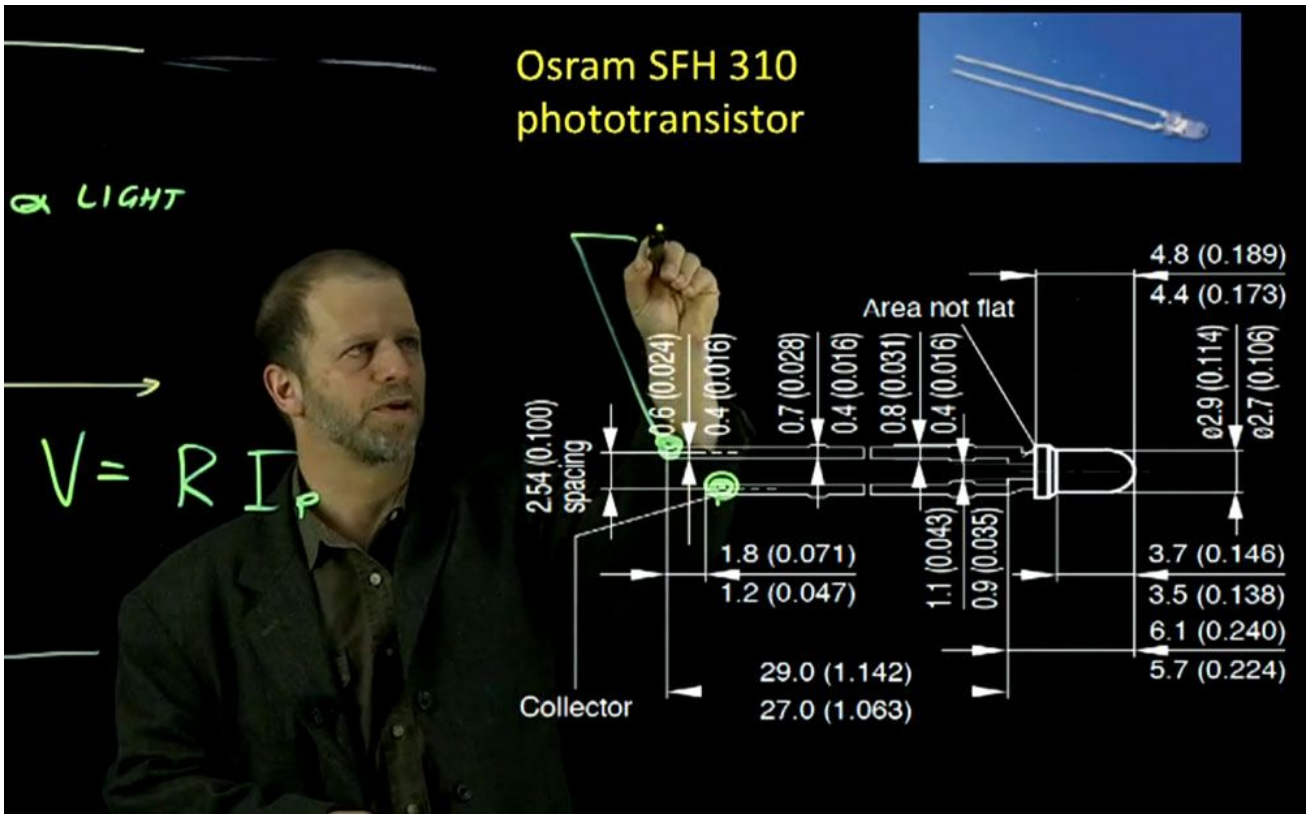
Whiteboard / Chalkboard Lectures



These are the traditional resources. Teacher has freedom to move and express and can present any material. On top this can be combined with a projection of slides where one can interact with the slides, write on them etc. without using tablet device or advanced video/audio mixing. All one needs is a good lapel wireless mic connected to the video recorder. The video may be edited before releasing.

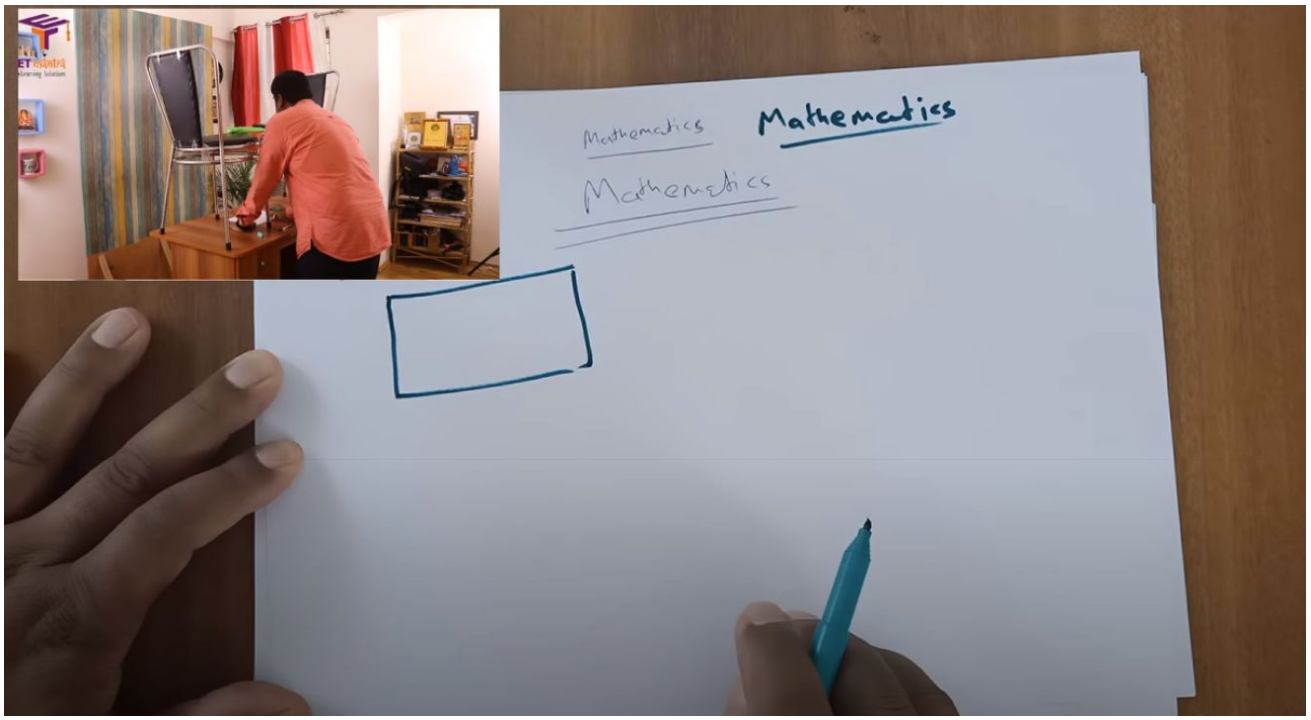
Blackboard is better as it gives a dark background that is easier on the eye and does not have the glaze of whiteboard. But with proper lighting and right style of writing in terms of neatness, font size etc. either can be good.

Glassboard Lectures

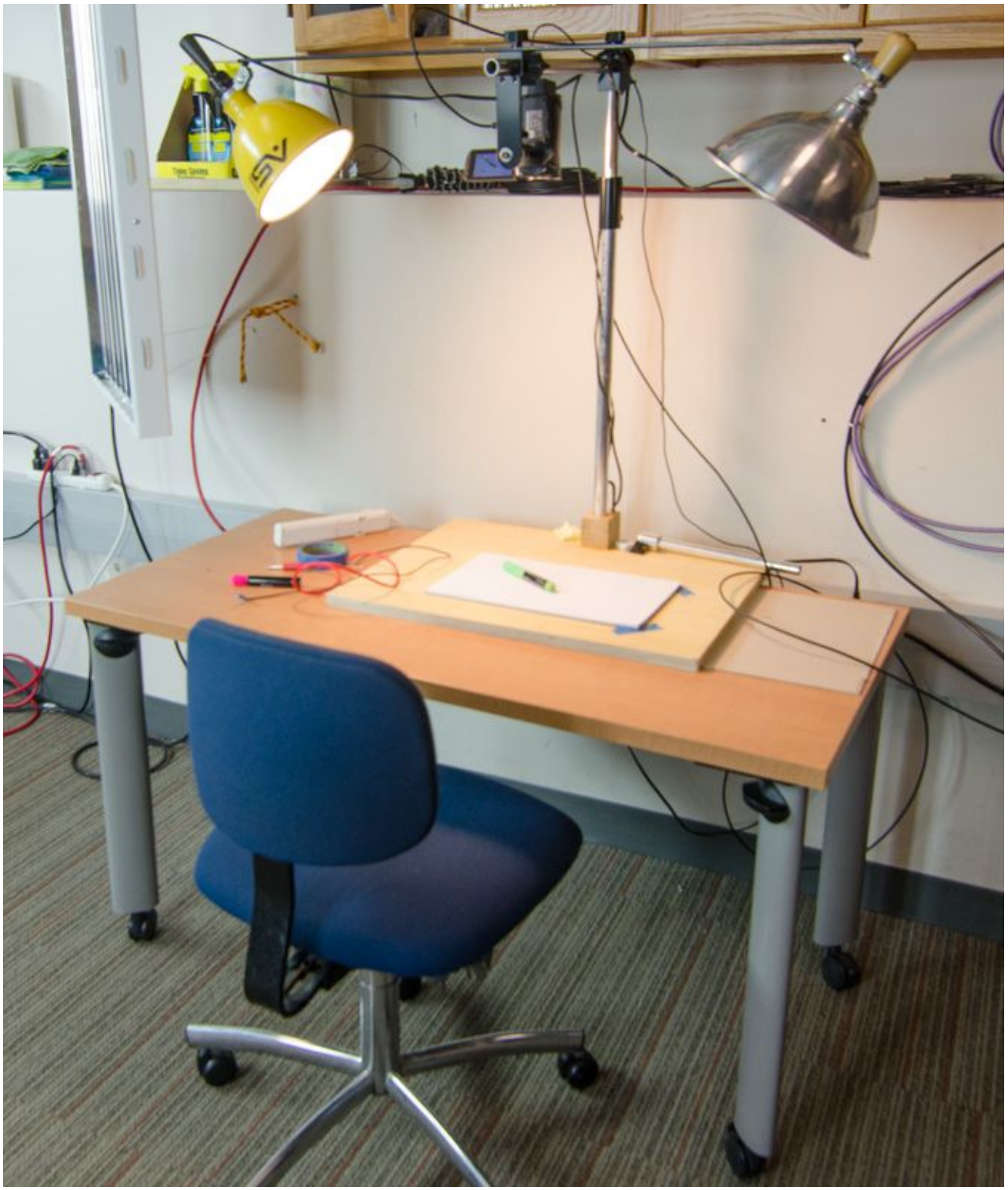


These are the best it gets in expressivity and clarity. The teacher can freely teach as if on a board at the same time facing the audience all the time. Moreover the content is always visible and not hidden behind the back. They require more setup and infrastructure but once set can prove to be very useful. See here for more details. If any eager reader would like to build one and demo it to the community, it will be a wonderful and rewarding endeavor.

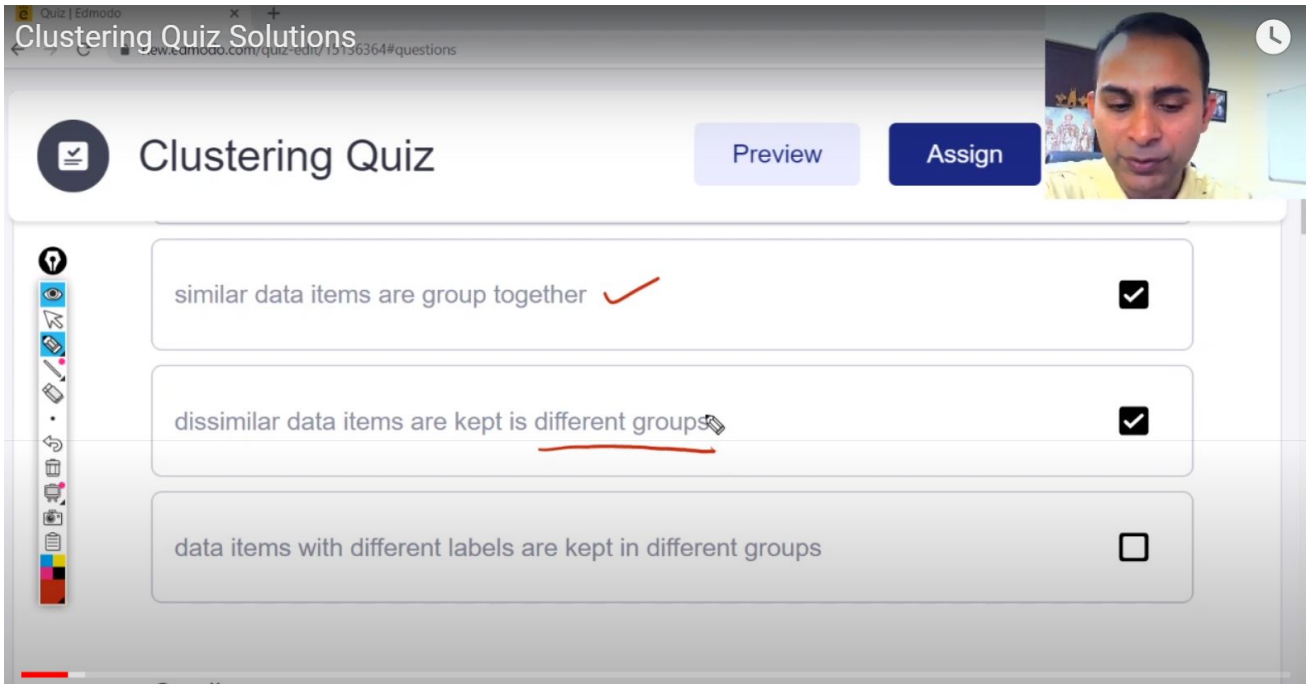
Table Top pen/paper videos



These are great as they bring more freedom of expressivity at the cost of the presenter not being visible. At best their hand is visible that often occludes the content. They can be set up very easily with some temporary setup like shown in pic or a better setup as shown overleaf.

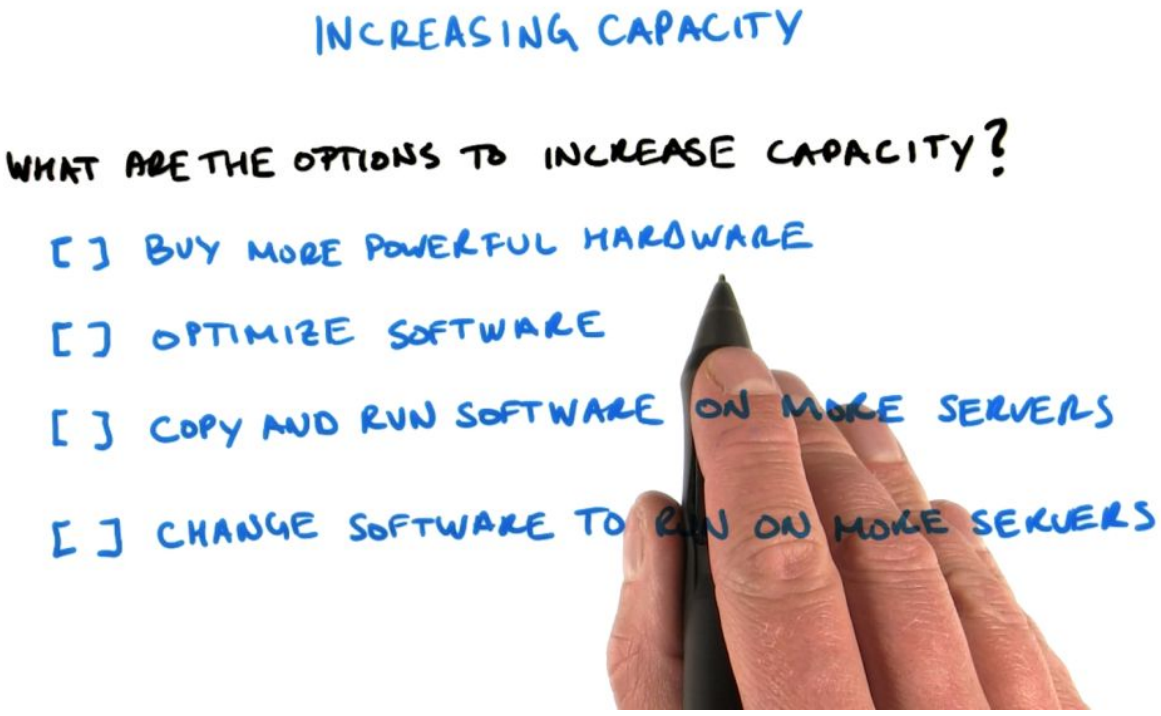


Using penabled Tablet or penabled notebook PC



If you can afford a tablet PC that has a pen allowing you to write on screen directly or a separate pen tablet (you look at screen but write on the tab, required some practice and not as effective as directly writing on screen). This bring to you a host of features. You can use a screen mixer and recorder like OBS. And you can now write using applications like OneNote, Evernote etc., Or digital whiteboards, or even use PPTs that you can annotate upon, or use Epic Pen to scribe on top of anything on screen. You can overlay your video from webcam or bring in multiple webcam feeds, play a video like PIP etc.

Udacity for example uses a interactive pen display from wacom and overlays on bottom the video taken from top of your hands writing on it as shown below. They bring in interactivity further by putting questions in the middle, which we can do easily using H5P in Moodle. (More on that later). They believe that the webcam video is not as interactive because you are looking at screen and not at the students. Hands rather are more expressive. Read more in this blog.



Powerpoint or Screencast Videos

If you do not have pen/touch hardware, plain powerpoint videos and overlays webcam with OBS is also good at times. However, you must follow some best practices to use PPT slides. Rule of thumb, slides are for users to see and relate to as you are speaking. If what you are speaking is all written in slides, better give them notes with a screen reader.

You can use the OBS tool to highlight your cursor.

Powerpoint has powerful animations that can be used gainfully in order to keep the attention of the audience focused on what you are presenting at a particular moment. Purpose is to capture attention and direct their experience and form learning.

For coding demo or any tool demo you can use the screencast to your advantage. Many online videos are made this way.

Custom Video Mix

Till now we have seen tools to make videos without post processing (At best may be removing certain parts of videos). But given so many online resources like images, posters, animations, videos available already and you do not want to create your own or you want to play a DJ to mix the readily available contents into a terrific learning resource, you can do that, however this may be quite time consuming although fun.

For this you would need a good computer with core i5 (core i7 recommended) and minimum 8GB (16GB recommended) with a 4GB graphics card (recommended) to be able to render those videos fast enough. You also will need to learn video/audio mixing tools like filmora, Windows movie maker (free), blender, Final Cut pro, AVS, Sony Vegas, VirtualDub, Cinelerra etc. You also need to understand about audio/video formats, filters, transitions, timelines, masks, sampling rates, compression quality etc.

You may also want to use this for more documentary style videos mixing full videos and slides in any manner. For example this one. (the pic above is a snap from here only)

Important parts of a video

Audio Quality

Easy part: Audio must be noise free, properly balanced and soft (no high bass or treble). Can have mild musing in the background at times. A poor quality audio can put off even a listener who is an eager learner.

Use of a good quality lapel or lavalier microphone is recommended. You can also try bluetooth headsets that can connect with mobile phones as well. You may have to edit the sound to make it **sound good**. If you are sitting you can use a desk mic also. Webcam mics or built in laptop mics do not have a good dynamic range and pick up more treble and noise. We fail to do that even in our live classes and often for longer durations it starts to develop a physical tiredness in the listener even though the content may be good.

Effortful part: Another aspect of quality comes from your own style of speech. How enthusiastic or energetic is your speech. The ups and downs, intonations of voices is important. There should be minimal umms and uhhs. Clear and reasonably slow animated speech is better than a fast one with too many breaks. Remember people have the option to playback the video at a fast rate.

Video Quality

Resolution (Easy part): The video must be at least HD resolution for desktop and SD for mobile screens (with HD option). A good camera is a must. Webcams are not that great. Your mobile phone may be good, or you can go with one of these or alike. Don't forget a tripod mount and a mobile holder if that's what you are using to capture the video. You must be able to input proper audio source into the video stream.

Lighting (Easy part): If using a camera to record you, there must be proper lighting so that whatever you are wanting to present is clearly visible and one need not strain to understand. Even a minor strain builds up and gradually the viewer starts losing taste.

If you are screencasting, pay attention to the font types and sizes and the way you draw on screen. Remember that light on dark is always better than dark on light.

Effortful part: Your content must suit the mindset of the listener. How you plan to take the journey of experience is very crucial. Use of animations and attention directing tricks is always good. There are many tools to create nice animations (many are listed on The Teaching Professor). Use of assessments after short intervals is also necessary. Always plan for several short span videos (6 minutes for example) than a few longer one. Make sure you have some assessment for every short video and people can measure their learning journey. You can use H5P in Moodle to create interactive videos. You can use polling in a live class.

Stratergy

Rule of thumb: Do not be in a hurry to complete the topic. You must ensure that learning happens. The initial concepts will take time but then thighs will speed up. So plan accordingly. Unless the presenter is thorough with the topic, he/she will not be able to transfuse the learner with the energy and the material produced will be only for name sake. So if one finds oneself lacking, the better part of the valor is to improve. This will fill one with needed energy at the same time one will get a feel for the basic concepts, the learning journey etc.

Presentation plan: There can be several choices, but few things are very important and cant be missed.

1. Proper introduction of what the video is about. You can directly state it or build a story or present a real life use case, or open with a challenge.
2. State the outcome of the video, what is your intent and what you expect the learner should be able to do after watching the video. The way you do this relies on your introduction strategy.
3. Go through the content in any style of your preference. It is not that one is better than the other. Ultimately the learner must have a good experience. The differentiation and integration of subject matter is key and in what order you differentiate and integrate is up to your style. The **rule of thumb** here is that people generally base their learning on prior experiences. So whatever strategy drives people from prior to new experiences better, use that one.
    a. *Top down*: Start from the bigger picture and break it down to small parts opening the riddles as you solve them.
    b. *Bottom up*: Start from the lowest level and stitch pieces together to describe the whole.
    c. *Jigsaw puzzle*: Go in any order and assimilate the pieces that you discuss that need to be finally connected.
4. A proper conclusion. You must conclude with ending notes, a quick summary, ability one has gained, industry insights etc.
5. A followup assessment / project / assignment.
6. A hand out or written notes that discusses the same aspect. You can build that from the transcript or type your own.

Conclusion

In this article we have discussed several types of video creation and required setup and tools as well as the synthesis view of what it takes to make an engaging video. One has to be well versed as have empathy for the learner. The combination of the two will drive beautiful experiences.