



A-VIEW

Amrita Virtual
Interactive E-learning World

- 11,000+ colleges connected
- Global Recognition by CISCO
- Over 1 crore training hours



Supported by
National Mission on Education
(NME-ICT), Ministry of HRD

Developed by
Amrita University



Partners



IIT Bombay



IIT Madras



IIT Kharagpur

www.aview.in, aview@amrita.edu
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A-VIEW: Use cases

A-VIEW: Types of use


A-VIEW can be used as a Versatile E-Learning Platform for setting up online:

- Meetings
- Classrooms with Real-time Audio-Video
- Training & Workshops
- Addressing Large number of people
- Live Stream Conferences – Webinars
- Doubt clearance/Tutoring



Live Virtual Classrooms

A-VIEW
AMRITA VISHWA VIDYAPEETHAM



Video Echo Test Refresh Record

Document Whiteboard Video Sharing Desktop 3D Viewer 2D Viewer Video Wall

Lecture3-KUR.ppt 9 /32 Viewer cannot download this document

Library

Users Chat Viewer Question

Users: 41

	IC	CS
M: Dr K Uma Rao R.V.College of Engineering, Benga	0	
Principal Principal RURAL ENGINEERING COLLEGE	0	?
Dr H B Balakrishna Bangalore Institute of Technology	0	
KishoreNair AERL Amrita E-Learning Research Lab	0	
Dr SHIVAKUMAR M Principal GSSS INSTITUTE OF ENGINEER	0	
EL C Visvesvaraya Technological Unive	0	
PRINCIPAL ICEAS IMPACT COLLEGE OF ENGINEER	0	
Principal Principal SUB INSTITUTE OF TECHNOLOG	0	

A/V Status

VTU e-Shikshana Programme

➤ **Torsional spring** : It is a shaft which gets twisted when a torque is applied to it. Ideal springs have no inertia. The reaction torque which opposes the twist is given by

$$T_s = K \theta$$

θ - Twist (rad)

K –Constant , torsional stiffness, (N-m/rad)

A-VIEW (Amrita Virtual Interactive E-Learning World) 5.1.15884; © 2007-2017

Download Bandwidth: **Test** Control Systems by Dr K Uma Rao 15 Connected

Live Virtual Classrooms

A-VIEW
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MHRD
Funded by NME-ICT

Download this video

Live Session Meeting Library Quiz Admin

Quicknote Bandwidth Help

Welcome qas4 qas4 Viewer

Document Whiteboard Video Sharing Desktop 3D Viewer 2D Viewer Video Wall Live Quiz Polling

Page No: 1 Whiteboard : Only Selected Viewer can write

Font Size Line Thickness Color Collaboration Mode
12 3 Selected Viewer

Presenter

Start Video Refresh

Users Chat Viewer Question

Users: 13


IC	Status
M: qamoderator qamoder Institute1	0
Student 1 Institute1	0
Student 2 Institute1	0
Student 3 Institute1	0
Student 4 Institute1	0
Student 5 Institute1	0
Student 6 Institute1	0
Student 7 Institute1	0
Student 8 Institute1	0
Student 9 Institute1	0
Student 10 Institute1	0


Diagram:


```
graph TD
    subgraph DB_Cluster [DB Cluster]
        Node1[Node 1]
        Node2[Node 2]
        NodeN[Node n]
        Node1 <--> Node2
        Node2 <--> NodeN
        Node1 <--> NodeN
    end
    App1[Application] <--> RDBMS1[RDBMS Server]
    App2[Application] <--> RDBMS1
    RDBMS1 <--> DB_Cluster
    RDBMS2[RDBMS Server] <--> DB_Cluster
    App3[Application] <--> RDBMS2
    App4[Application] <--> RDBMS2
    RDBMS3[RDBMS Server] <--> DB_Cluster
    App5[Application] <--> RDBMS3
    RDBMS4[RDBMS Server] <--> DB_Cluster
    App6[Application] <--> RDBMS4
    DB_Cluster <--> MS[Management Server]
    MS <--> MC[Management Client]
```


Interaction with students


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 Live Session


 Meeting


 Library

 Quiz



 Admin


 Quicknote


 Bandwidth


 Help


Welcome Raji A
Viewer





 Stop Video


 Refresh


 Document


 Whiteboard

 Video Sharing

 Desktop

 3D Viewer

 2D Viewer

 Video Wall

Users

Chat
















Viewer


Question

Users: 22


☐ IC

CS


 M: Prof. Akansha QEEE	0	
 V: GHRCE_Ratika QEEE	0	
 CITCMB_Santha Devi QEEE	1	
 ISTMP_Kamal QEEE	0	
 JNTU_Ramesh QEEE	1	
 MIT_Ganapathy QEEE	0	
 PECTN_Sheethal QEEE	0	
 SGGSET_Rahul QEEE	0	
 GCEJG_Sonika QEEE	1	
 GCAJRJ_Deepika QEEE	0	

 A/V Status

GHRCE_Radhika



Presenter



GHRCE_Radhika

Video is Muted

A-VIEW (Amrita Virtual Interactive E-Learning World) Version 4.0.14504; © 2007-2015

Session 3 Connected

Teacher Training in Regional languages

A-VIEW
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MHRD
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Welcome Vishesh Nair AERI

Presester
Omni University

Page 40: 1

पाठ्यपुस्तकातील समाविष्ट व्याकरण

- नाम
- सर्वनाम
- विशेषण
- क्रियापद
- काळ व त्याचे प्रकार
- विरामचिन्हे
- समानार्थी शब्द
- विरुद्धार्थी शब्द
- वाक्प्रचार व म्हणी
- जोडशब्द
- प्रत्यययुक्त शब्द
- उपसर्गयुक्त शब्द

Whiteboard : Only Selected Viewers can write

Collaboration connected. Video connected. Course : RMSA- Teachers Training Programme Lecture : 5th Standard School Teachers Training..

Name (Count 447)	IC	Status
M: 1th Standard Teachers Department of School Educat	0	
HEBANT BANSHUKE DRAVID HIGH SCHOOL, 'A'	0	★
Dhule BRC Pimpalner Kam. A.M. Pali Secondary at	0	?
RAGAD BRC BANGAON MANGAON, DHE BANGAON	0	?
DIE BRED BRC Majalgaon B.R.C. Majalgaon, DHE Bred	0	?
Nagpur BRC Kufi DHE Nagpur	0	?

Teacher Training by Maharashtra Govt

**35,000 School Teachers Trained Simultaneously
by Maharashtra Government**



Online Meetings

A-VIEW
AMRITA UNIVERSITY

MHRD
Funded by NME-ICT

व.इ.सू.जी.सं.
NIELIT

Welcome Sibi Bhaskaran ...

Users Chat Viewer Question

Name (Count 59)	IC	Status
M: NIELIT Delhi	0	
NIELIT Delhi	0	
V: NIELIT Calcut	5	
NIELIT Calcut	0	
V: NIELIT Guwahati	1	
NIELIT Guwahati Man Centre	0	
V: NIELIT Tripura	1	
NIELIT Agartala	0	
Ugwal Biswas	0	
Advanced Training Institute M	0	
DET Satara BRCS	0	
BRCS MAHABALESHWAR, DH	0	
Manish Sharma	0	
Gita Mittal Career Developme	0	
NITTTR Bhopal Teacher	0	
National Institute of Technica	0	
PRASHANT PATEL	1	
UnitSTAR Education	0	
Sibi Bhaskaran AERL	0	
Amrita E-Learning Research L	0	
Rajneesh Raina	0	
NIELIT, Jamn	0	

Collaboration connected Video connected Course: NIELIT Course Lecture: Digital India Week

A-VIEW (Amrita Virtual Interactive E-Learning World) Version 3.7.11663 - © 2007-2014

Former MHRD Minister, Shri Prakash Javadekar interacting with institutes using A-VIEW

Digital India Week: Dr. Ashwini Kumar Sharma, MD, NIELIT used A-VIEW to reach out to thousands

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MHRD
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व.इ.सू.जी.सं.
NIELIT

Welcome Amrita University Viewer

Users Chat Viewer Question


Name (Count 59)	IC	Status
M: Prof Kamal B	1	
Amrita E-Learning	0	
V: IIT Kharagpur	1	
Indian Institute of	0	
V: IIT Madras	1	
Indian Institute of	0	
NIT Agartala	1	
National Institute of	0	
Swarni Ramnani	0	
Sakshi Ramnani	0	
Dr. Mohan san C	2	
Rajiv Gandhi Prou	0	
Dr. Rajpal S Han	0	
University of Mum	0	
JNTU Kakinada	0	
University of Telhu	0	
Karthika C	0	
Amrita E-Learning	0	
Mrs Ujjwala Uda	0	
Yashwantrao Cha	0	
Ms Amba Sharm	0	
NIS University Jaip	0	
NITTTR Kolkata	0	
National Institute o	0	
Rama Krishna A	0	
Amrita E-Learning	0	


Collaboration connected Video connected Course: NIELIT Course Lecture: Digital India Week

A-VIEW (Amrita Virtual Interactive E-Learning World) Version 3.7.11663 - © 2007-2014


JNTU VC Meet with 220 Principals


A-VIEW
AMRITA UNIVERSITY





















 **MHRD**
Funded by NME-ICT




Welcome Ratish Nair ▼







Users	Chat	Viewer	Question
Name (Count 223)			
	M: JNTU teacher	0	
Jawaharlal Nehru Technolog			
	V: Dr. Maheshwar Datta	3	
Keshav Memorial Institute of			
	Netaji Institute Moderator	2	
Netaji Institute of Engineering			
	Principal Narayana	0	
Narayana ing & Technical Ca			
	RRS College Of Engineeri	1	
RRS College of Engineering a			
	Kshatriya College of Engi	0	
Kshatriya College of Engineer			
	vaagdevi college	0	
Vaagdevi College of Engineer			
	ACEEC Moderator	3	
ACE Engineering College			
	Dr.Ravindra Tiwari	0	
Global Institute of Engineering			
	Ramakrishna dandu	0	
Sushant Institute of Pharmaci			



Presenter



Presenter



Double click to view in Fullscreen

Collaboration connected. Video connected.

Course :JNTUH Meeting Lecture : Meeting with JNTUH VC

A-VIEW (Amrita Virtual Interactive E-Learning World) Version 3.7.11663- © 2007-2014

VTU VC Interaction with 182 institutes during Covid-19 time

A-VIEW
AMRITA VISHWA VIDYAPEETHAM

Video Echo Test Refresh

Document Whiteboard Video Sharing Desktop 3D Viewer 2D Viewer Video Wall

Users Chat Viewer Question

Users: 177

	IC	CS
M: VTU VC Visvesvaraya Technological Univers	0	
V: Principal Principal DAYANANDA SAGAR COLLEGE O	3	
Karthika c Amrita E-Learning Research Lab	0	
VTU E Learning VTU	2	
Dr B Sadashive Gowda Princi Vidya Vardhaka College of Engineer	1	?
Principal Principal BMS COLLEGE OF ENGINEERING	0	?
Principal Principal MVJ COLLEGE OF ENGINEERING	0	?
Principal Principal KLS GOGTE INSTITUTE OF TECH	1	?
Principal Principal RV COLLEGE OF ENGINEERING	1	?
MSRIT Bangalore M S Ramalah Institute of Technology	0	?

A/V Status

Presenter

Principal Principal

Activate Windows
Go to Settings to activate Windows.

VTU VC Interaction at one of the institutes during Covid-19 time



Andhra Pradesh CM using A-VIEW on World Health Day

The screenshot displays the A-VIEW (Amrita Virtual Interactive E-Learning World) 5.0.15493 interface. The top banner features the A-VIEW logo, Amrita University, and MHRD funding information. The main window is divided into several sections:

- Users:** A list of 196 participants, including the Andhra Pradesh Health Department and various health centers like 022 Nallacheruvu Health Center, 043 Health Center, 051 NAIK NAGAR ANANTAPURAMU, 084 Health Center, 148 Health Center, and 182 VTAgaharam Vizianagaram. It also lists participants from Rama Krishna AERL and Sibi Bhaskaran.
- Presenter:** A large video feed showing the Andhra Pradesh Chief Minister speaking at a podium decorated with flowers.
- Video in BigScreen:** A section showing a video feed of the Chief Minister.
- 043 Health Center:** A video feed showing a group of people in a meeting.
- 182 VTAgaharam Vizianagaram:** A video feed showing a group of people in a meeting.
- 084 Health Center:** A video feed showing a group of people in a meeting.
- 022 Nallacheruvu Health Center:** A video feed showing a group of people in a meeting.
- 148 Health Center:** A video feed showing a group of people in a meeting.
- 051 NAIK NAGAR ANANTAPURAMU:** A video feed showing a group of people in a meeting.

The bottom status bar indicates the download bandwidth is 2 Kbps, the meeting is titled "AP Health Department Meeting", and the connection status is "Connected".

Andhra Pradesh Chief Minister inaugurated 200 Hospital centers and interacted to doctors and patients of some centers using A-VIEW.

Live Streaming of Conferences & Seminars



Special features for teaching/training large users

Live monitoring

Live Classroom Monitoring: Screenshots of all centers, every 10 minutes

Computer Networks : Screenshots

Date : 2014-07-04

Unable to see thumbnail view? [Click here to see list view of the screenshots](#)

RC ID : 1001



RC ID : 1002



RC ID : 1003



RC ID : 1005



RC ID : 1007



RC ID : 1008



RC ID : 1011



RC ID : 1013



RC ID : 1014



RC ID : 1015



RC ID : 1016



RC ID : 1019



RC ID : 1020



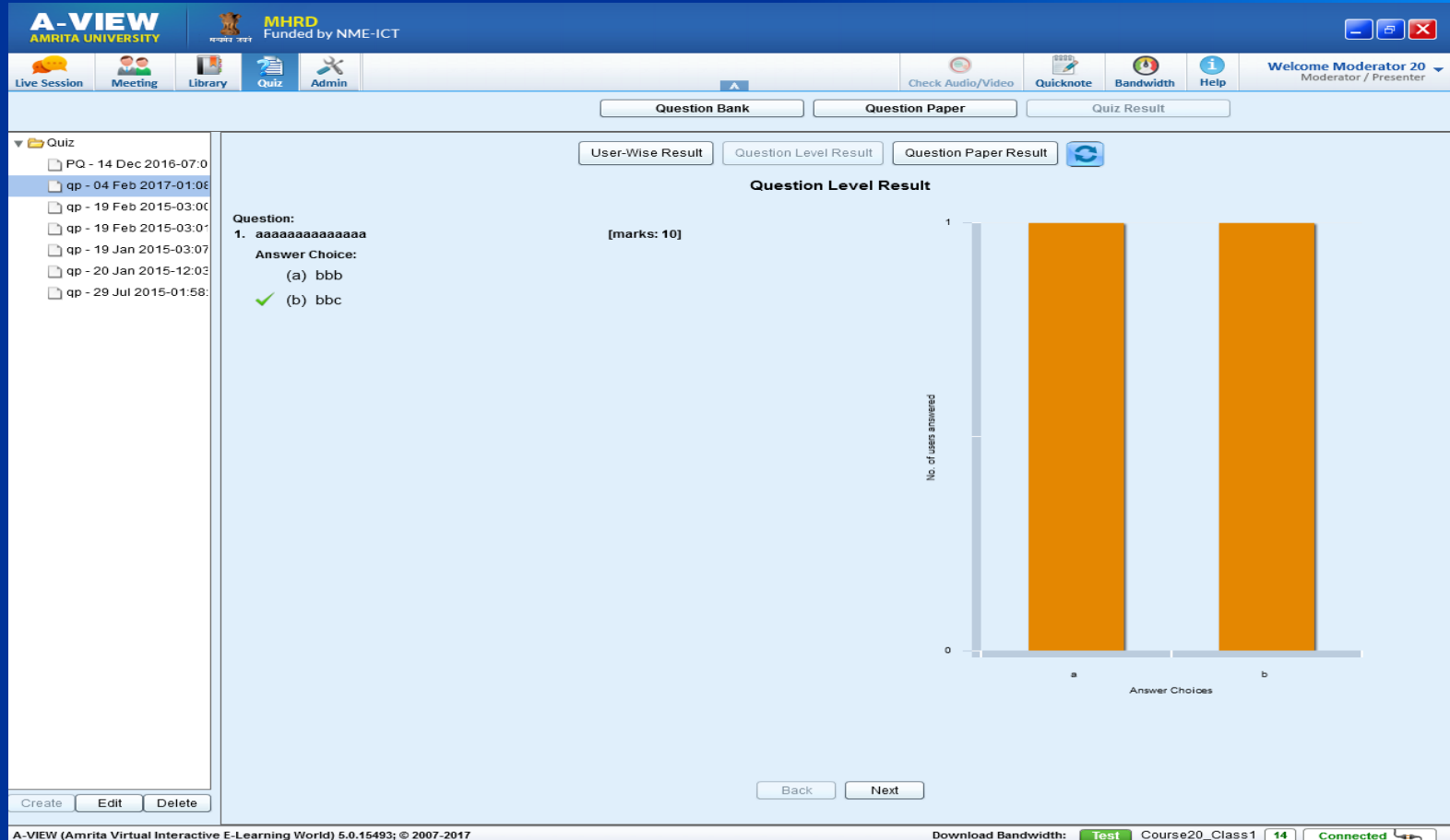
RC ID : 1022



RC ID : 1024



Online Quiz & Poll – Instant Results



A-VIEW Interaction

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Live Session Meeting Library Quiz

Stop Video Refresh

Users Chat Viewer Question

Users:110 ☐ IC CS

User	IC	CS
M:Prof. Akansha QEEE	0	
V:GHRCE_Ratika QEEE	0	
CITCMB_Santha Devi QEEE	1	
ISTMP_Kamal QEEE	0	
JNTU_Ramesh QEEE	1	
MIT_Ganapathy QEEE	0	

☐ A/V Status

Handraise

A-VIEW
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Live Session Meeting Library Quiz

Stop Video Refresh

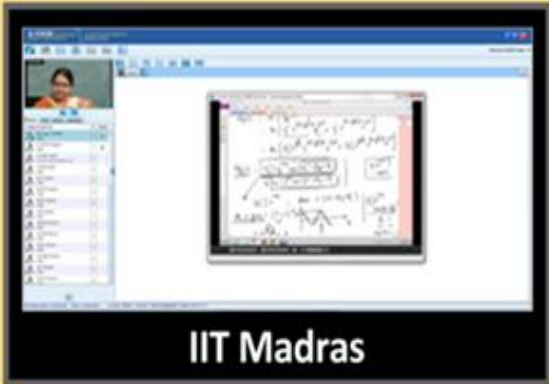
Users Chat Viewer Question

Question	Vote
RITSDS_RSP_RIT: Sir, how to create array of integers in class? please demonstrate-02:38 PM	0
PSGCT_c3319: Sir, can you explain shallow and deep copying concept?-01:59 PM	1
DGI_Somnath:what is the difference between overloading and overriding?-02:00 PM	0

☐ A/V Status

Question with Voting

Different types of teaching



**Live classes by IITs
to lakhs of
Engineering Students**

QEEE Programme by IIT Madras

Completed 6 Phases
Till now

NIRD Usage

NIRD Usage in May 2020

No. of training sessions completed: 10

No of Participants : 1515

Brief Details:

- Dr. Vijay Kumar: 4 (12 Days, 2.5 Hours/day)
- Dr. Sanjith Ghosh: 1 (3 Days, 2.5 Hours/Day)
- Dr. Harish Solanki: 1 (15 Days, 2 Hours/Day)
- Dr. Sanjay Sharma: 3 (10 Days, 3 Hours/Day)
- Dr. Suresh Babu : 1 (3 Days, 3 Hours/Day)
- Dr. Simhachalam : 1 (3 Days, 3 Hours/Day)
- Dr. Jayanta Choudhury: 1 (4 Days, 3 Hours/Day)
- Dr. Ravindra S. Gavali 1 (10 Days, 3 Hours/Day)
- Dr. Ratna Bhuyan 1 (3 days, 3 Hours/Day)
- Prof. K.Rajeswar 1 (2 Days, 3 Hours/Day)

NIRD Ongoing Sessions – till 6 June 2020

Currently running sessions: 2 (International Events)

No of Participants : 247

Brief Details:

- Dr. Sanjay Sharma: 1 (4 Days, 3 Hours/Day)
- Mr. Ronak Maheshwar & Md Afrozuddin: 1 (3 Hours/Day)
- Mr. Pranav Patel & Mr. Koteshwara Rao: 1 (3 Hours/Day)
- Prof. Rongsentemjen: 1 (3 Hours/Day)

A-VIEW: Future

Some upcoming high level A-VIEW features

- Non flash HTML based mobile friendly web client
- Simple and easy to use UI Improvements
- Attend sessions without login, link based
- Mobile number based WhatsApp invitation
- Integration with AMPLE, an LMS cum CMS platform by Amrita to enhance teaching and learning experience

Thank you....