

**LAKSHYA – 2K21***An Invocation to True Warriors...***15th NATIONAL LEVEL ONLINE TECHNICAL FEST****23rd December, 2021****“Report on Lakshya-2K21”**

Event Type : Online Technical Fest

Date / Duration : 23rd December, 2021 (1 day)

Name of Convenor(s) : Dr.D.Veeraiah, Professor & HOD, CSE

Dr.B.Srinivasaro, Professor & HOD, IT.

Target Audience : All engineering students.

Total no of Participants : 965

Objective of the event : The intention of this technical fest is to bring out the latent technical and aesthetic talents of students and their creativity, innovation and originality in thinking.**Outcome of event** : Students can improve their knowledge in various tech fields.**Description / Report on Event:**

Our flagship National level Online Technical Fest was organized on December 23rd, 2021 with the participation of 950+ students from various engineering colleges within and outside A.P and even beyond India. This highly innovative, competitive Technical Symposium provided a wide spectrum of events to bring out the latent technical and aesthetic talents of students and their creativity, innovation and originality in thinking. It included Technical Events like Paper Presentation (SRUJANA), Poster Presentation (PRAGNA), Project Expo (IDEATHON). Total prize money of 1,00,000 /- given to the winners & runners of all the events. Compare to previous academic years this academic year 2021-22 even though we conducted through online mode the response was huge. All the students were excited and inspired by the events. **Department wise registrations:**

LAKSHYA-2K21 REGISTRATIONS							
S.No	Department	Poster	Paper	Ideathon	Internal Registrations	External Registrations	TOTAL
1	ASE	14	41	13	66	2	68
2	CE	18	40	9	39	28	67
3	CSE	38	67	28	58	75	133
4	EEE	54	69	51	131	43	174
5	ECE	58	165	46	175	94	269
6	EIE	3	3	4	10	0	10
7	IT	34	54	27	45	70	115
8	ME	34	47	17	56	42	98
9	MBA	2	25	4	25	6	31
TOTAL		255	511	199	605	360	965

The details and broad objectives of the three major technical events are as follows:

SRUJANA: Paper Presentation

- 1.To promote, showcase and reward the technological developments taking place in the world.
- 2..To exhibit the creative ability in identifying and communicating the views and ideas.

PRAGNA: Poster Presentation

- 1.To collate, compile, analyze the technical assessments in one's own technological domain.
- 2.To develop thinking ability, general awareness and sharpness in diagnosing the problem.
- 3.To test the technical quotient of students.

IDEATHON: Project Expo

- 1.To formulate, plan, develop and execute technical models or prototypes.
- 2.To develop innovative solutions for real-time problems.

Faculty Coordinators:

S.No	Name of Faculty	Department	Designation	Contact No
1.	Mr.Rakesh Divvela	ASE	Asst.Professor	8977829618
2.	Mr.S.Siva Rama Krishna	AI&DS	Asst.Professor	9701152790
3.	Dr.K.V.Ramana	CE	Associate professor	7095774777
4.	Mr.B.Usha Rani Mr.P.Vamsi Naidu	CSE	Asst.Professor Sr.Asst.Professor	9492270654 9701010880
5.	Mr.J.V.Pavan Chand	EEE	Sr.Asst.Professor	9848295236
6.	Mr.G.Venkata Rao	ECE	Associate Professor	9494535698
7.	Mr.B.Sandeep	EIE	Sr.Asst.Professor	9866421987
8.	Mr.Ch.Sambasivarao Dr.R.Vijaya Kumar Reddy	IT	Sr.Asst.Professor Associate Professor	8897731838 9494966030
9.	A.Nageswara Rao	ME	Sr.Asst.Professor	8985621662
10.	Mr.K.Ravi Kiran	MBA	Asst.Professor	9441173919

Student Coordinators:

S.No	Name of Student	Regd No	Department
1.	P.Manoj Kumar Sri Sai Venkata Badrinath	18761A2139 20761A2102	ASE
2.	M. Nikitha N. Venkata Ganesh	20761A5437 20761A5439	AI&DS
3.	U. Vishnu Vardhan Reddy Ch.Jahnavi	18761A0138 19761A0111	CE
4.	P.Jagadeesh Kumar T.Sahithi	18761A05A6 18761A0549	CSE
5.	T.Praveen Sai V.Maha Lakshmi	18761A0296 18761A0252	EEE
6.	Ch.Devika V.Venkatesh	18761A04D1 19761A04C5	ECE
7.	R.Siva Prasad M.Ganesh	18761A1029 20761A1008	EIE
8.	V.Maheswar Reddy A.Kavya	18761A1257 19761A1201	IT
9.	Sk.Faraz Hussain Abdul Sameer Faisal	18761A03F7 19761A0348	ME
10.	P.Suresh D.Supriya	20761E0082 20761E0014	MBA

Photographs:

Inagural Meet:



Event presentation :

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Cyber Threats" with a dark blue background and glowing network connections. The slide lists various threats: Browser Hijacking, MALWARE, MITM, Phishing, ZERO-DAY EXPLOIT, SQL, DOS, DNS TUNNELING, PASSWORD ATTACK, CROSS-SITE SCRIPTING, Botnets, IOT, DDOS, and BUSINESS EMAIL COMPROMISE (BEC). A laptop icon is shown with arrows pointing to it from the right. The slide is attributed to "Poster By Ranadeep Suryadeepa Infosys Labs".

Below the slide is a Zoom control bar with icons for mute, video, chat, and other functions. The name "Suryadevara Ranadeep (Guest)" is visible at the bottom left of the slide area.

On the right side, the "People" panel shows a list of participants:

- Invite someone
- Share invite
- Currently in this meeting (10)
- Mute all
- MR Ms. B. Usha Rani (Organizer)
- 19761A0570
- 2 20761A05E4
- 2 20761A05F5
- A ADSTAT327
- B1 Batch 10 (Guest) (Meeting guest)
- KR Kotagiri Roshini (Guest) (Meeting guest)
- SR **Suryadevara Ranadeep (Guest)** (Meeting guest)
- V2 **Vasavi-Batch 2 (Guest)** (Meeting guest)
- VR vijay bhaskar reddy (Guest) (Meeting guest)

At the bottom of the Zoom window, a row of participant avatars is shown with names: "+3", "V2", "KR", "VR", "SR", and "A".

The screenshot shows a WPS Office window displaying a PDF document titled "AR v VR.pdf". The document content is a photograph of a pink board with various notes and diagrams. The board features several colorful circular icons and rectangular notes with text and diagrams. The WPS Office interface includes a menu bar (Home, Insert, Comment, Edit, Page, Protect, Tools) and a navigation pane on the left. The Windows taskbar is visible at the bottom, showing the system tray with the date and time (12:10, 29-12-2021).

CONTROLLING

It is a direct channel between human brain and computer

Types of BCI

Invasive BCI

Partially Invasive BCI

Non Invasive BCI

COMMUNICATION BY THOUGHTS

SPELLING

CONTROLLING A PROSTHESIS

INTERACTING WITH A VIRTUAL REALITY ENVIRONMENT

GAMING

CONTROLLING A MECHATRONIC DEVICE

BCI

BRAIN COMPUTER INTERFACE

Limitations:

CSE_PRAGNA_03 (Guest)

ADSTAT327

Kotagiri Roshini (Guest)

vijay bhaskar reddy (Guest)

CSE_PRAGNA_03 (Guest)

People

Invite someone

Share invite

Ms. B. Usha Rani Organizer

19761A0570

20761A05A7

20761A05A8

20761A05E4

20761A05F5

ADSTAT327

Batch 10 (Guest) Meeting guest

CSE_PRAGNA_03 (Guest) Meeting guest

Kotagiri Roshini (Guest) Meeting guest

Suryadevara Ranadeep (Guest) Meeting guest

Vasavi-Batch 2 (Guest) Meeting guest

TECHNICAL SPECIFICATIONS

DIMENSIONS:

Diameter: 4.045"

Height: 1.385"

CPU: MCMX6Q i.MX 6Quad ARM Cortex A9

RAM: 1 GB 800 MHz DDR3

Internal Storage : 32 GB

Wifi: 802.11a/b/g/n 2.4 GHz and 5 GHz

3G: 1900 MHz

Bluetooth: 4.0

00:53

Request control

People

Share invite

Currently in this meeting (17)

CH.MAANVITHA (Guest)

19481A05K5

19761A0541

19761A0578

20761A5441

20765A0501

CH VENKATA NARYANA (Guest)

Dr. C. NAGARAJU

HARITHA (Guest)

M.subhash (Guest)

Mr. B. Sivaramakrishna

Ms. B. Usha Rani Organizer

samreen fathima (Guest)

11:52 23-12-2021

People

Share invite

Currently in this meeting (15)

- CH.MAANVITHA (Guest)
- 19761A0541
- 19761A0553
- 19761A0578
- 20761A5441
- 20765A0501
- CH VENKATA NARYANA (Gu...)
- Dr. C. NAGARAJU
- HARITHA (Guest)
- Mr. B. Sivaramakrishna
- Ms. B. Usha Rani Organizer
- samreen fathima (Guest)
- Shanmukha K (Guest)

01:47:16

Windows taskbar: 13:38 23-12-2021

WPS Office AR.vr Vkr.pdf

Menu Home Insert Comment Edit Page Protect Tools

AUGMENTED AND VIRTUAL REALITY

AR & V-R

Nowadays we spend a lot of time using smart computers, smart phones & television because they are part of our life.

AR MR VR

Realities

It is a Software Immersible

It is a Hardware Immersible

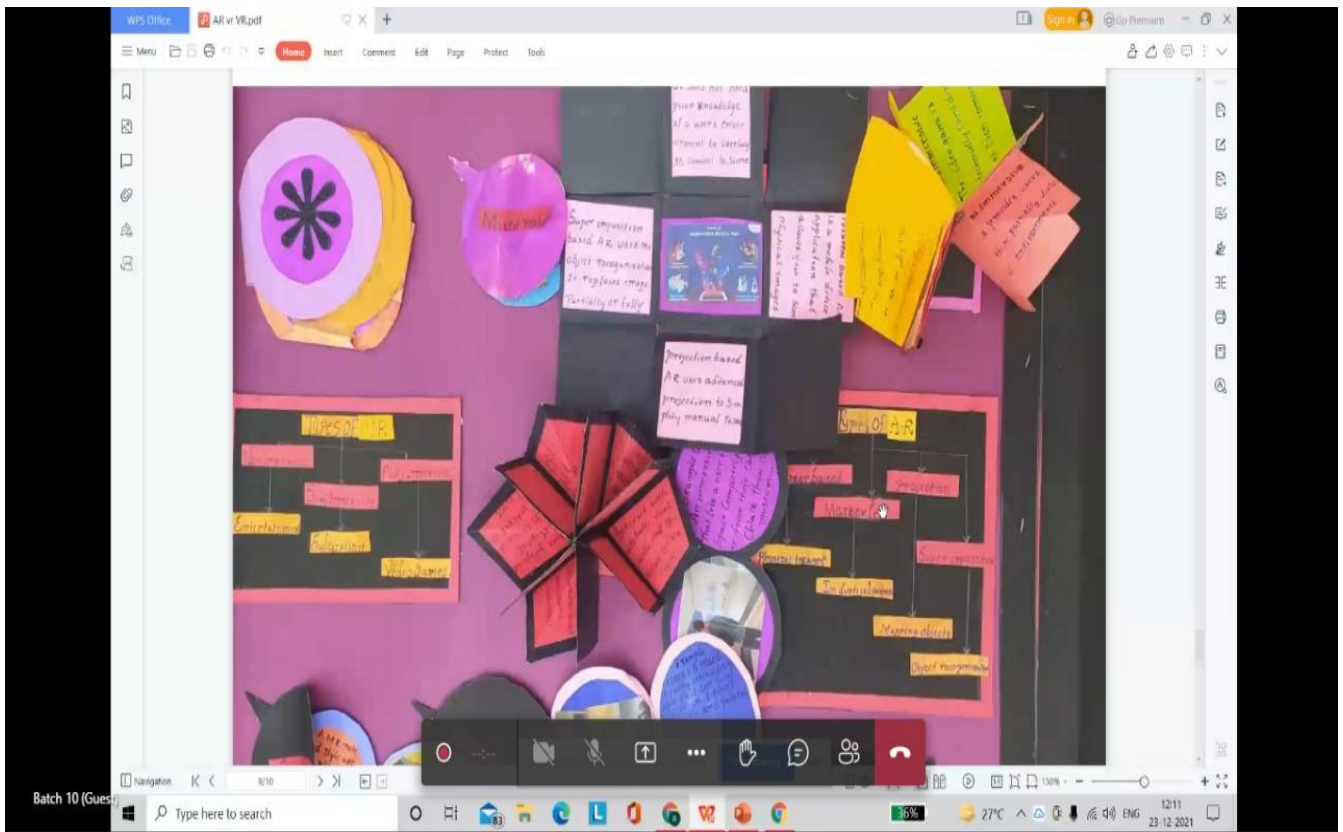
The content presented on the screen is 3D content

Use reality presented on the screen as the 3D content

Batch 10 (Guest)

VR vjaya bhaskar reddy (Guest) SR Suryadevara Ranade... B1 Batch 10 (Guest) KR Kotagiri Roshini (Gue...)

Windows taskbar: 12:04 23-12-2021



Suggestions/Feedback given

1. From Next Lakshya onwards why can't we conduct both online and offline mode at once(Hybrid Mode)?So that, we can get registrations from other states as now in online and offline is as usual.
2. As we are restricting shortlisting candidates count to 12 or 13, other persons who are ready to participate in events, if they're not shortlisted they may loose interest and not like to participate from next time. So, need an alternative in shortlisting process.
3. It would be better if there is a 3rd prize or increase in prize money, so that more people will be attracted.

Convenor's of Lakshya 2K21