

**Department of Computer Science**  
**STAR-DBT ACTIVITIES**  
**2021-22**

**Guest lectures(2021-22):**

Academic Year	Name and Designation	Topic	Date	No. of beneficiaries
2021-22	Ms. K. Jaya Lakshmi Naga Malleswari(Alumni (B.Sc(MECS), Bhavan's Vivekananda College),Pursuing MBA, CBIT	2 Day Guest Lecture on Android for Mobile APP Development	24 <sup>th</sup> , 25 <sup>th</sup> January, 2022	180
	Resource Persons: Ms. Sushma Uday Singumahanthi, Senior HR Manager Capgemini	“CAREER OPPORTUNITIES AT U.G. AND TERTIARY-LEVEL”	17th December 2021	60
	Resource Persons: Mr Sourav Yadav	Guest Lecture on upload Real time App into Playstore	22nd June 2021	60
	1.Dr.P. D Babu, Centre Director, UGC-DAE Consortium for Scientific Research, Mumbai Centre 2. Prof M V Ramana Murthy Garu, Former Professor, Computer Science, Osmania University, Presently working as a Professor and Head, Dept, of M & H, MGIT, Hyderabad. ( NATIONAL SCIENCE DAY-2022)	'Integrated Approach in Science and Technology for a Sustainable Future'	28 <sup>th</sup> February, 2022	90
	Resource Persons: Prof. S Jeelani, Director, Center for Distance and Virtual Learning(CDVL), University of Hyderabad. (CHARLES BABBAGE DAY)	Future Science and Information Technology	16 <sup>th</sup> March, 2022	70
	Mr K.Abhilash and G.Ganesh from M.Sc(CS) IV SEM	Arduino with Real Time Examples	8 <sup>th</sup> June and 9 <sup>th</sup> June 2021	30

## **2 Day Guest Lecture on Android for Mobile APP Development**

**January 2022**

Date: 24<sup>th</sup> and 25<sup>th</sup> January, 2022 Timings: 5:30PM  
Venue: ONLINE( Microsoft Teams)  
VIP's: Mrs. K V B Saraswathi Devi , Head, Department of Computer Science  
Speaker: Ms. K. Jaya Lakshmi Naga Malleswari  
(Alumni(B.Sc(MECS), Bhavan's Vivekananda College),Pursuing MBA, CBIT



**Platform**  
Microsoft Teams

**Bhavan's Vivekananda College**  
of Science, Humanities & Commerce  
Sainikpuri, Secunderabad - 500094  
Autonomous College, Affiliated to Osmania University  
Accredited with 'A' grade by NAAC

*2 Day Guest Lecture on*  
**"Android for Mobile APP Development"**  
*24th & 25th January, 2022 at 5:30 pm*

**Speaker**  
**Ms. K.JAYA LAKSHMI NAGA MALLESWARI**  
Alumni, Bhavan's Vivekananda College  
Pursuing MBA, Chaitanya Bharathi Institute of Technology

**Organized by**  
**Department of Computer Science**  
Under DBT - Star College Scheme

[Click here to Join](#)

**Further details**  
Mrs. K.Padmapriya  
9704172555  
Mrs. Sharon Rosy  
9052648821

A 2-Day Guest Lecture with Hands-on Session on Android for Mobile App Development, was organised by the Department of Computer Science – under DBT-Star College Scheme on 24<sup>th</sup> and 25<sup>th</sup> of January, 2022. Around 180 Students along with Lecturers of Computer Science Department attended the session. The session began with Mrs. K V B Saraswathi

Devi, Head, Department of Computer Science, who encouraged and motivated the students in doing more number of projects and how they would benefit them in the future.

## Summary of 2 Day Guest Lecture

### ANDROID GUEST LECTURE 24-01-2022(DAY-1)- Timings-5:30PM

Number of Participants: 180(DAY1)

Meeting Summary																	
Total Number of Participants	180																
Meeting Title	Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022																
Meeting Start Time	1/24/2022, 5:03:31 PM																
Meeting End Time	1/24/2022, 7:09:58 PM																
Meeting Id	54119ccc-ad1a-4a51-8ded-5682991eede7																
Full Name	Join Time	Leave Time		Duration	Email	Role	Participant ID (UPN)										
Padmapriya K	1/24/2022, 5:03:31 PM	1/24/2022 2h 6m			Padmapriya	Organizer	Padmapriya13042@bhavansvc.ac.in										
21861006HARSHAGNA	1/24/2022, 5:03:38 PM	1/24/2022 11m 2s			HARSHAG	Attendee	HARSHAGNA3032460@bhavansvc.ac.in										
21861006HARSHAGNA	1/24/2022, 5:16:23 PM	1/24/2022 1h 41m			HARSHAG	Attendee	HARSHAGNA3032460@bhavansvc.ac.in										
21391027NAVEED	1/24/2022, 5:03:39 PM	1/24/2022 1m 12s			SYED3111	Attendee	SYED3111575@bhavansvc.ac.in										
21391027NAVEED	1/24/2022, 5:14:23 PM	1/24/2022 17m 27s			SYED3111	Attendee	SYED3111575@bhavansvc.ac.in										
L9- Balerao Neha (Guest)	1/24/2022, 5:06:17 PM	1/24/2022 1h 58m				Attendee											
S.mounica - 52 1h1	1/24/2022, 5:14:22 PM	1/24/2022 1h 43m				Attendee											
107221468071 Joshua (Guest)	1/24/2022, 5:14:22 PM	1/24/2022 1h 41m				Attendee											
107221468093 Raviteja	1/24/2022, 5:14:22 PM	1/24/2022 1h 42m				Attendee											
22 Prajakta	1/24/2022, 5:14:22 PM	1/24/2022 1h 42m				Attendee											
21467007MADHURITHA	1/24/2022, 5:14:22 PM	1/24/2022 52m 7s			MADHURI	Attendee	MADHURITHA3162010@bhavansvc.ac.in										
21467047VYSHNAVI	1/24/2022, 5:14:23 PM	1/24/2022 1h 41m			VYSHNAV	Attendee	VYSHNAVI3048194@bhavansvc.ac.in										
21467043Poojitha	1/24/2022, 5:14:23 PM	1/24/2022 1h 37m				Attendee											
SHAIK ABBAS	1/24/2022, 5:14:23 PM	1/24/2022 1h 40m			ABBAS248	Attendee	ABBAS2489393@bhavansvc.ac.in										

### Summary of DAY 1:

The topics covered on Day 1 were:

- Introduction to Android
- History of Android
- Various Versions of Android
- Features of Android
- Differences between each Android version
- Android Studio- Platform used for Android Development
- Setup Procedure of Android Development.
- Various activities performed on Android Studio

Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022

29:42

You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. [Privacy policy](#) Dismiss

Participants

Type a name

Share invite

Waiting in lobby (1)

Manisha Jalatharu (Guest) Meeting guest Admitting...

Presenters (6)

Mute all

Padmapriya K Organizer

JayaLakshmi (Guest) Meeting guest

Jayalaxmi S

KADIRI PRATHUSHA

Saraswathi KVB

SharonRosy N

Attendees (122)

Saraswathi KVB

00:00:53

01:22:25

Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022-20220124\_173221-Meeting Recording (1)

00:01:56

01:21:22

Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022-20220124\_173221-Meeting Recording (1)





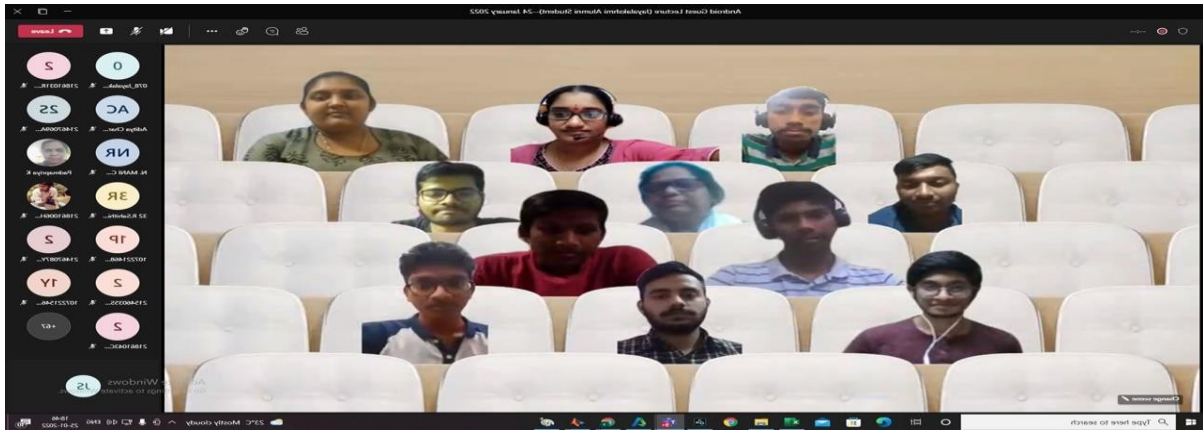
o Write

- Build and Run
- Iterate
- Publish
- Various Formatting options

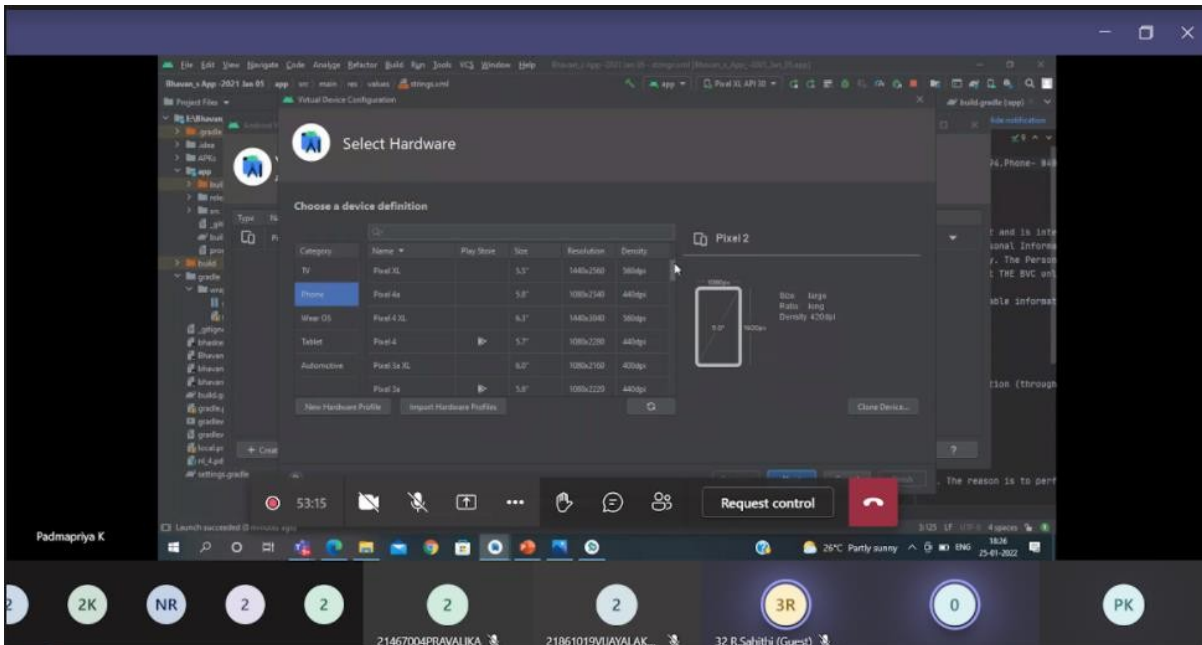
The students appreciated the session and gave a very insightful feedback about the 2-Day GuestLecture on Android for Mobile App Development.

Meeting Summary						
Total Number of Participants	156					
Meeting Title	Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022					
Meeting Start Time	1/25/2022, 5:09:55 PM					
Meeting End Time	1/25/2022, 6:57:04 PM					
Meeting Id	fcc2a5e6-0445-4be3-8c19-9f871f51d1c1					
Full Name	Join Time	Leave Time	Duration	Email	Role	Participant ID (UPN)
Padmapriya K	1/25/2022	1/25/2022	1h 47m	Padmapriya	Organizer	Padmapriya13042@bhavansvc.ac.in
21546010DEEPIKA	1/25/2022	1/25/2022	1h 4m	DEEPIKA30	Presenter	DEEPIKA3022065@bhavansvc.ac.in
21546010DEEPIKA	1/25/2022	1/25/2022	4m 39s	DEEPIKA30	Presenter	DEEPIKA3022065@bhavansvc.ac.in
18 A.Thanuja	1/25/2022	1/25/2022	37m 7s		Presenter	
KADIRI PRATHUSHA	1/25/2022	1/25/2022	1h 25m	KADIRIBSC	Presenter	KADIRIBSCMSCSIII70@bhavansvc.ac.in
21861036SIDDHARTH	1/25/2022	1/25/2022	1h 23m	SIDDHARTH	Presenter	SIDDHARTH3032357@bhavansvc.ac.in
21861006HARSHAGNA	1/25/2022	1/25/2022	1h 38m	HARSHAG	Presenter	HARSHAGNA3032460@bhavansvc.ac.in
21468022 G SAISREEJA	1/25/2022	1/25/2022	1h 30m	GUNDAB	Presenter	GUNDABOINA3060524@bhavansvc.ac.in
21546040SHIVANGI	1/25/2022	1/25/2022	1h 18m	SHIVANGI	Presenter	SHIVANGI3021854@bhavansvc.ac.in
21546031VENKATA	1/25/2022	1/25/2022	1h 25m	VENKATA	Presenter	VENKATA3113211@bhavansvc.ac.in
21861031R.MAANYA	1/25/2022	1/25/2022	1h 34m	MAANYA	Presenter	MAANYA3021977@bhavansvc.ac.in
SHAIK ABBAS	1/25/2022	1/25/2022	1h 19m	ABBAS248	Presenter	ABBAS2489393@bhavansvc.ac.in
107221468094 Pranay	1/25/2022	1/25/2022	1h 21m		Presenter	
21467027UMESH	1/25/2022	1/25/2022	1h 23m	UMESH30	Presenter	UMESH3038144@bhavansvc.ac.in









### Feedback about Android Guest Lecture:

107221861004 BCA 1st year A really very nice and interesting session learned about various tools in Android studio

107221546038 BSc (Data Science) 1st year Thanks to jayalaxmi maam for explaining complete user interface

32 B.Com 1st year "good"

40 BCA 1st year It was a very good session all the doubts were cleared.

107221474045 BSc (MECs-A) 1st year good ..! i come to know about android and its android versions etc...

15 B.Com 1st year Very useful mam.....and we are so....much lucky that we have such great opportunity to learn from you senior's..... We try our best to grasp your teaching.....

42 BCA 1st year excellent guest lecture very much informative looking forward for more classes

94 BSc (MPCs-B) 1st year Today's class was fantastic. I've learned a lot about the Android Studio. The explanation was extraordinary, words are not enough for it.

107221861020 BCA 1st year "configuration of project structure of android studio two major file in android setup run build of an app"

31 BCA 1st year Practical session

107221474020 BSc (MECs-A) 1st year Brief note about how to use android studio and also some applications

107221474088 BSc (MECs-B) 1st year How to download emulator android stored

74 BSc (MPCs-B) 1st year Now I have an idea about android



**Report On Guest Lecture(Webinar)**  
**“Career Opportunities At U.G. And Tertiary-Level”**



**BHAVAN'S VIVEKANANDA COLLEGE**  
**of Science, Humanities & Commerce**  
Sainikpuri, Secunderabad - 500094  
Autonomous College, Affiliated to O.U.  
Accredited with 'A' grade by NAAC

**GUEST LECTURE (WEBINAR)**  
**ON**  
**CAREER OPPORTUNITIES AT U.G AND TERTIARY-LEVEL**  
**17th December, 2021**  
**Time:3:00 P.M to 4:30 P.M**

***RESOURCE PERSON***

**SUSHMA UDAY SINGUMAHANTHI**

Senior HR Manager  
Capgemini India



*Organized by*  
**Department of Computer Science**  
*Under DBT-Star College Scheme*



Platform Teams

*For Further Details Contact:*

**Mr. G. Mahesh Kumar**  
**9849874907**  
**Mrs. B. Divya Rekha**  
**9985148138**

**Date: 17-12-2021**

Department of Computer Science had organized a Guest Lecture (Webinar) on “CAREER OPPORTUNITIES AT U.G AND TERTIARY-LEVEL” through online mode under DBT- Star College Scheme, on 17<sup>th</sup> December 2021 for B.Sc and BCA Final year students.

The Resource Person invited for the session was Ms. Sushma Uday Singumahanthi, Senior HR Manager Capgemini INDIA, Hyderabad, Telangana.

The Webinar started at 3:00 p.m. with the welcome address given by Mr. N. Bhaskar, Assistant Professor, Department of Computer Science. Ms. Siddhini student from BCA III Yr, read the profile of Sushma Uday and welcomed her for the session.

The Session was taken over by Ms. Sushma Uday, she started with the present Career Opportunities for Computer Science graduates and what kind of jobs are available for them at present scenario and also how to believe in themselves, how to build self-confidence to get the placement in IT Industry & other fields also.

Ms. Sushma Uday enhanced on how important it is to choose appropriate career option and Higher studies in today's world. She also motivated students to upgrade themselves on latest trends, and provided them good information about how can a student lead the roadway to research side as one of the career opportunities.

She highlighted on different types of questions placed to students like their Strength, Weakness, Student's Goal etc. She also highlighted on different methods like Star Interview approach in facing Interviews (Situation, Task, Action and Result) for Jobs.

The session was very interactive. Ms. Sushma Uday made it a point that every student responds and interact by a placing question on the topic.

Lenovo

23:26

Request control

**You're recording** You are recording this meeting. Be sure to let everyone know that they are being recorded. [Privacy policy](#) Dismiss

Microsoft Teams

**Recording has started.** This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#) Dismiss

**YOUR FUTURE**  
— is —  
**CREATED**  
— by —  
**WHAT YOU DO**  
**TODAY**  
**TOMORROW.**

Singumahanthi, Sushma

LAKSHMI VYDEHI

DB

1

AS

1

1

1

SN

1

1V

VB

2

1

1

RA

2

1

1

1

JA

1

+15

1

+32

19861005A...

DB

Type here to search

82°F Mostly sunny

15:54 17/12/2021

Lenovo

25:58

**You're recording** You are recording this meeting. Be sure to let everyone know that they are being recorded. [Privacy policy](#) Unmute (Ctrl+Shift+M) Dismiss

**YOUR FUTURE**  
— is —  
**CREATED**  
— by —  
**WHAT YOU DO**  
**TODAY**  
**TOMORROW.**

Singumahanthi, Sushma

DB

LV

1

1

1

LAKSHMI V...

19861005A.SID...

19861011G...

19861026M...

P

1

JA

1

priya (Guest)

19861048V...

JANGAM A...

19861046T...

AS

1

1

1

ABRAHAM ...

On hold

19861013J...

19861027M...

2

2

+19

21546041M...

21546015S...

(107221546...

DB

Type here to search

82°F Mostly sunny

15:27 17-12-2021

Lenovo

29:02

Request control

You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy

Dismiss

SHOW TASKBAR DISPLAY SETTINGS END SLIDE SHOW

0:00:03 15:30

## Career Opportunities & importance of Interview Skills

Sushma Uday Mahanthi

[https://www.youtube.com/watch?v=VrSUe\\_m19FY&t=7s](https://www.youtube.com/watch?v=VrSUe_m19FY&t=7s)

Next slide

### Career Opportunities for Computer science graduates

Big Data Analytics	Machine Learning Engineering	Data Scientist	Cloud Architect
Blockchain Development	Software Development	Computer Network Analyst	Computer Systems Analyst
Software Development	Software Development	Full stack Developer	

In today's world, it is more important than ever to know your career options that is what you want to do next ... higher studies... or if you choose to work you will definitely need to have strong interviewing skills. The most common reason for this is that college graduation rates are increasing and you will be leaving your college with more competition. If you fail at your interview or fail to make a good impression it could cost you an opportunity. 16 yrs of Experience in small/medium/ large types of set up. An Kuchipudi Artiste and a mother of 2 . Before we start an interesting video for all of you. Hear it is....

Slide 1 of 12

Singumahanthi, Sushma

79°F Mostly sunny

15:30 17-12-2021

Type here to search

82°F Mostly sunny

15:30 17-12-2021

Lenovo

46:17

Request control

You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy

Dismiss

## TYPES OF QUESTIONS

Test your intention

- Why are you interested in the role?
- What interests you about the company?
- What interests you about this Career?

Motivational

Test your Knowledge Skill and Attitude",

- Can you give me an example of when you had to solve a problem?
- Describe a time when you had to explain something complex in simple terms?
- Give me an example of a time you have worked in a team? What was your role?

Competency

Test your Subject

- How much reuse do you get out of the code that you develop, and how?
- Which do you prefer; service oriented or batch oriented solutions?

Technical

Competencies can be defined as "what you CAN do",

- What are you good at?
- What do you learn quickly?
- What did you find easiest to learn at school or university?
- What subjects do you most enjoy studying?
- What things give you energy?

Strength based

Singumahanthi, Sushma

79°F Mostly sunny

15:47 17-12-2021

Type here to search

82°F Mostly sunny

15:47 17-12-2021



Lenovo

53:23

Request control

Leave

## Answering questions Various approaches:

- Top down Start with the main point you want to get across and then expand with some detail.
- Number your points For example 'I have three points to make'

STAR Useful for competency based questions  
(Remember the question and what you are trying to demonstrate!)

Structure

- Situation: give a context by describing the situation
- Task: what was your goal?
- Action: tell the interviewer your specific actions – this should be the biggest part of your answer
- Result: shows yourself in a good light, even if the overall project was not a success

### STAR INTERVIEW METHOD

**S Situation**  
Describe the context

**T Task**  
Provide details on your responsibilities

**A Action**  
Demonstrate how you responded or took charge

**R Result**  
Explain the impact you made or the lessons you learned

Management Consulted

Singamahanthi, Sashima

19861005A... priya (Guest)

19861048V... +29

DB

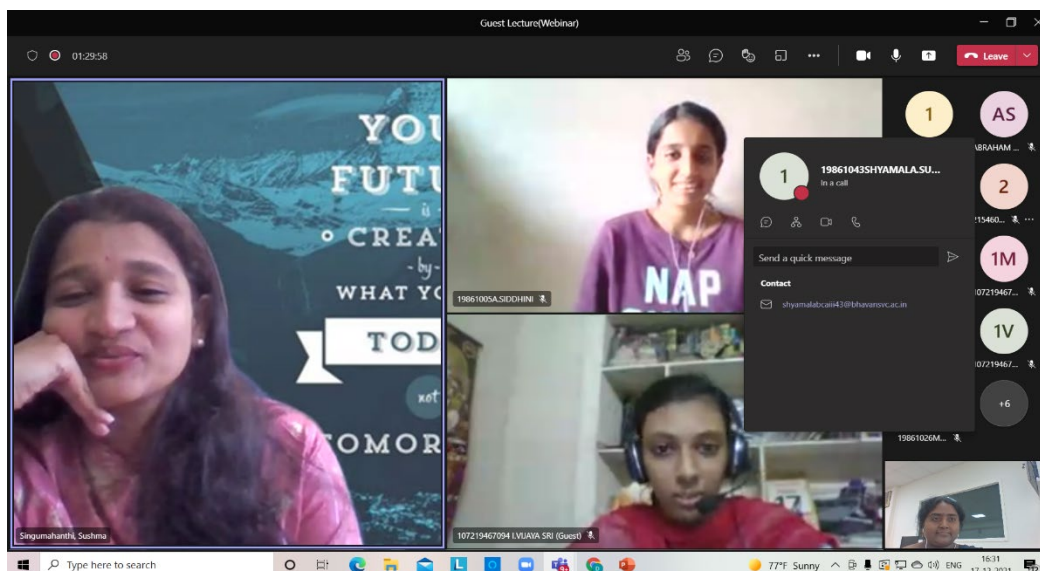
79°F Mostly sunny 15:54 17-12-2021

82°F Mostly sunny 15:54 17-12-2021

Type here to search

## Most Common Questions

- Tell me about Yourself
- What are your Strengths and weaknesses
- Why should we hire you?
- Where do you see yourself in the next few years?
- What is your Salary Expectation?



Session ended with vote of thanks given by Ms. Divya Rekha, Assistant Professor, Department of Computer Science. There were total 60 participants for the Webinar.

Students gave very good feedback about the session and suggested for more such sessions in future which can be useful for their Career Growth.

## Guest Lecture on upload Real time App into Playstore 2021-2022



Platform  
Microsoft Teams



**Bhavan's Vivekananda College**  
of Science, Humanities & Commerce  
Sainikpuri, Secunderabad - 500094  
Autonomous College, Affiliated to Osmania University  
Accredited with 'A' grade by NAAC

### Guest Lecture on Upload Real Time App into Play Store

**22<sup>nd</sup> June, 2021**  
*Time - 5:00 pm to 6:00 pm*  
*(Tuesday)*

**Organized by**  
**Department of Computer Science**  
Under DBT - Star College Scheme





Speaker  
**SOURAV YADAV**  
• Graduate BSc MECs  
• Pursuing B.Ed  
ALUMNI

Microsoft Teams Link: [Click here](#)

**For any queries Contact**  
**Mrs. Padmapriya**  
9704172555  
**Mr. Saumesh**  
6302214534

There was a Guest Lecture, by Mr Sourav Yadav, organized for the students learning and developing projects on Android Application. 33 students have attended this lecture.

Mr. Sourav Yadav completed his BSc in MECs from Bhavan's Vivekananda College, and is currently pursuing B.Ed.

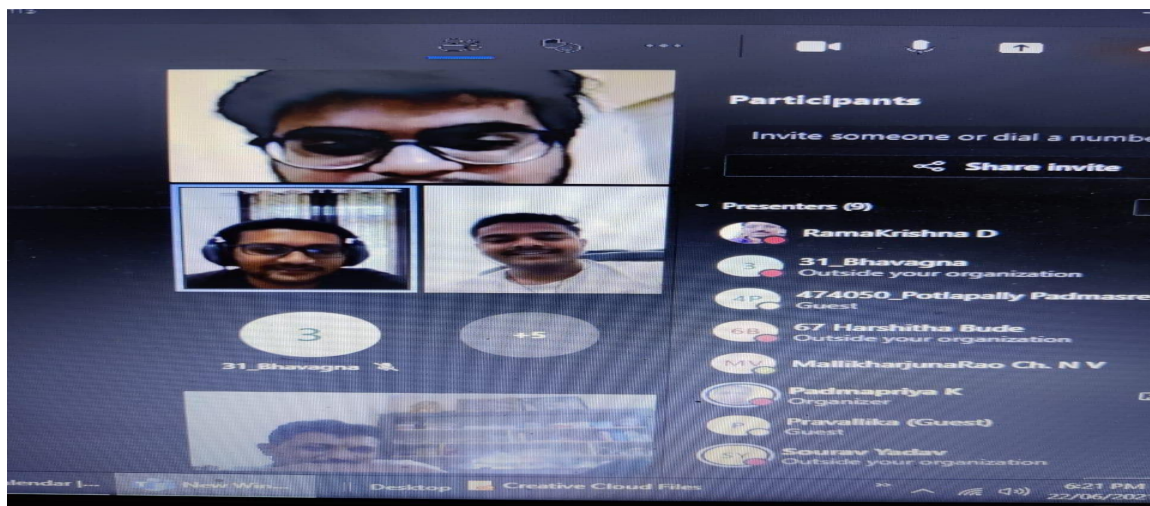
He is good at MS Office, Operating systems, Android and different programming languages such as C, C++, Python, Java. He is also aware of Flutter.

He has developed 2 apps CamIT and CallX while his graduation in the college among which CamIT is an App uploaded on play store.

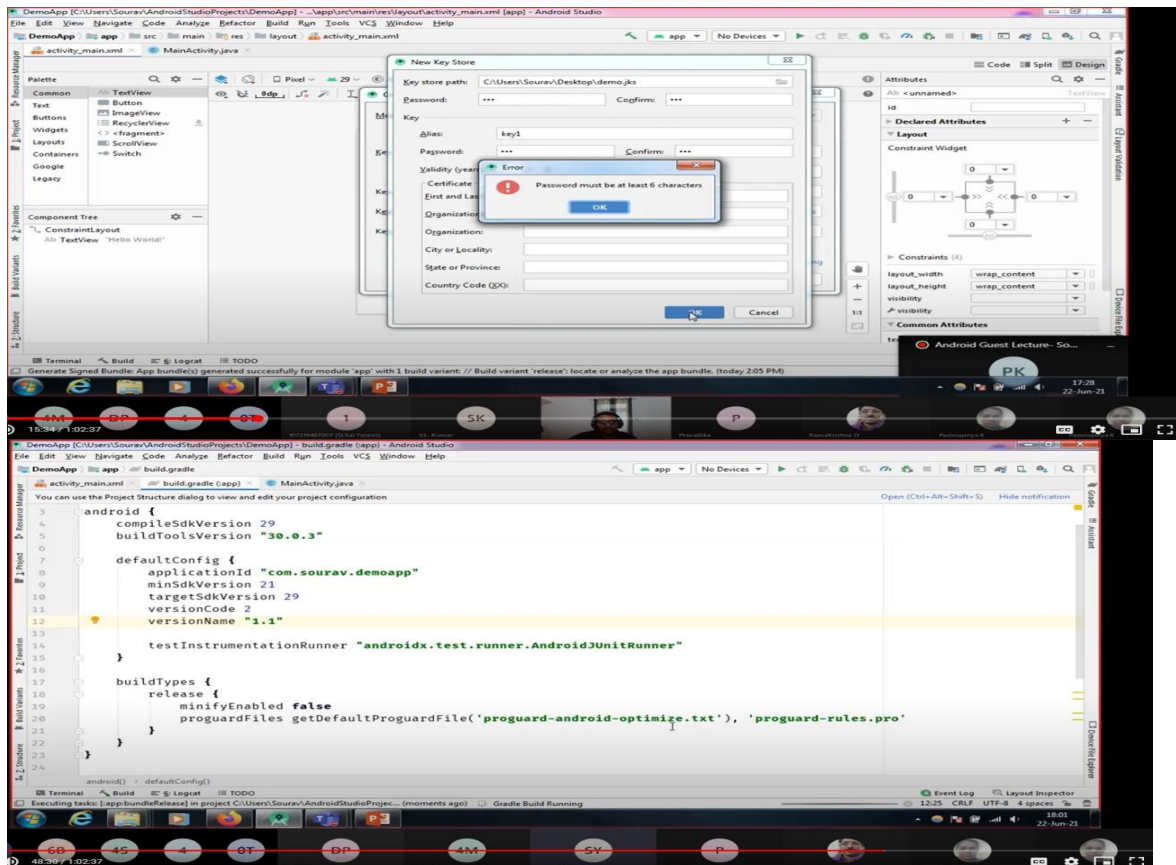
Cam IT is used to create, edit and modify documents which includes features like pdf encryption - decryption, pdf compress, conversion from Images to pdf, pdf to images, add or remove pages to/from a pdf, change order of pages in a pdf, rotate pages of a pdf, add watermark, merge multiple pdfs, split pdf, extract text from pdf.

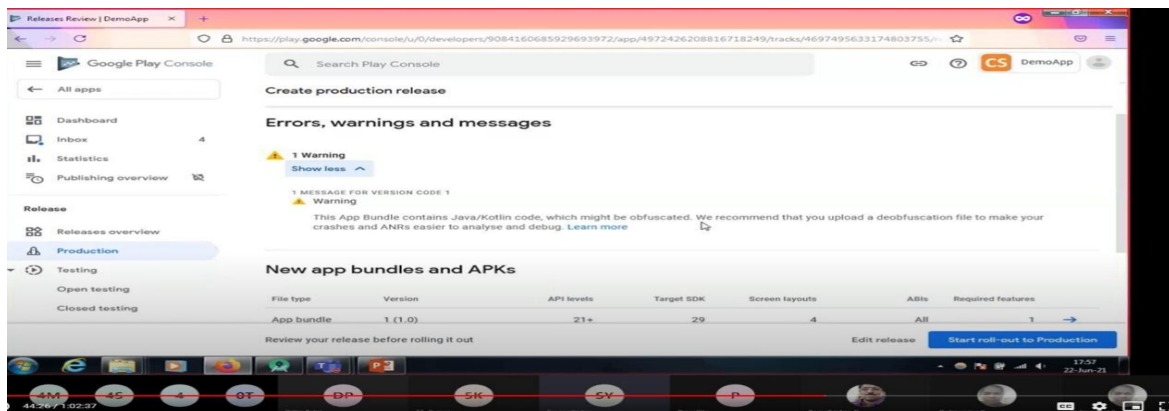
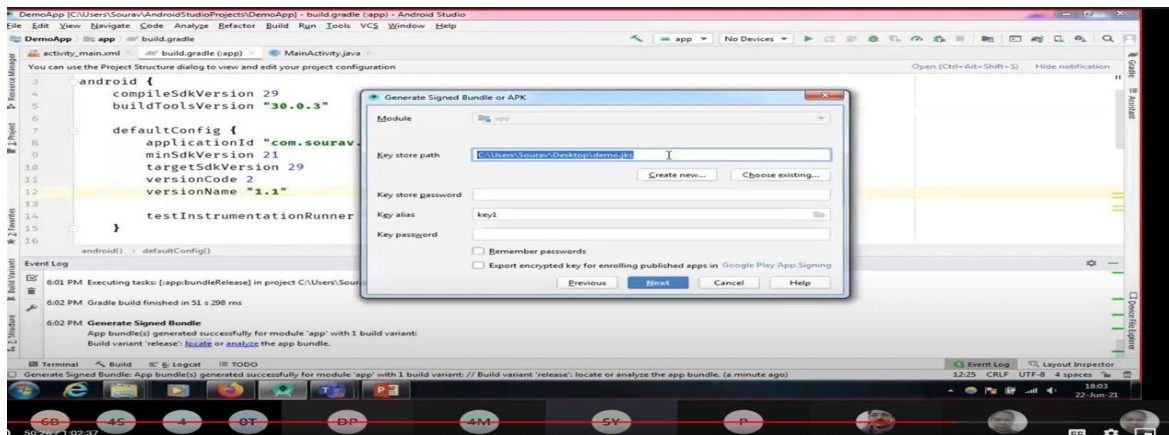
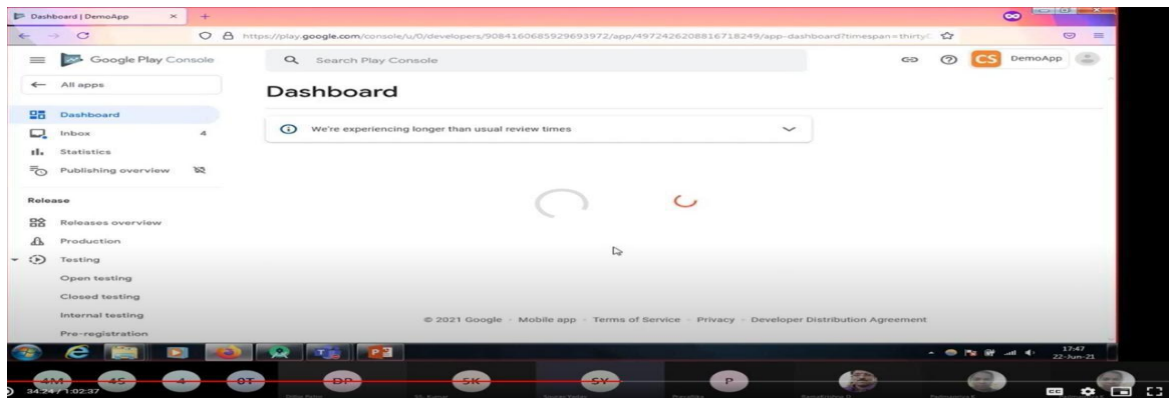
His other app, CallX includes features like auto call answering, call recording, and call blocking.

His session focused on how to upload a real-time app into the play store which was very informative and helpful. He also briefed the students the importance of developing such projects and how would they benefit them in the future. He cleared all the questions raised by the students at the end of the session, very patiently.










## REPORT ON NATIONAL SCIENCE DAY- 2022

**Bhavan**

**BHAVAN'S VIVEKANANDA COLLEGE**  
OF SCIENCE, HUMANITIES & COMMERCE  
SAINIKPURI, SECUNDERABAD - 500094  
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.  
ACCREDITED WITH 'A' GRADE BY NAAC

# National Science Day

28th February, 2022

*Integrated Approach in Science and Technology  
for a Sustainable Future*

Poster Presentation Event Registration: [Click here](#)Registration Link : [Click here](#)Poster theme: *Integrated Approach in Science and Technology for a Sustainable Future.*

Team size: 3

Poster size: Landscape A3

Any pic format

**Organized by**  
**Faculty of Physical Sciences & Life Sciences**  
**Under DBT-Star College Scheme**

National Science Day was celebrated by the Physical Sciences and Life Sciences Faculty of Bhavan's Vivekananda College of Science Humanities and Commerce, to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928, for which Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930.

The theme of National Science Day 2022 is 'Integrated Approach in Science and Technology for a Sustainable Future'.

The session began with the welcome note by Dr. Anuradha, Coordinator, National Science and Head, Dept. of Micro-Biology, BVC. This was followed by the welcome address by Air Cmde. J

L N Sastry Garu, Vice- Chairman, Bharatiya Vidya Bhavan, Sainikpuri Kendra and Dr Y Ashok, Principal, BVC, who were the Chief Invitees for the session.

The keynote speaker for the Inaugural Session was

Dr.P. D Babu, Centre Director, UGC-DAE Consortium for Scientific Research, Mumbai Centre. Dr P.D Babu spoke about Atomic Energy, Role of Neutrons, structure of a Nuclear Power Reactor, which was really very informative.

The Inaugural session was followed by the Technical Session, by Prof M V Ramana Murthy Garu, Former Professor, Computer Science, Osmania University and Presently working as a Professor and Head, Dept, of M & H, MGIT, Hyderabad. This session began with the welcome address given by Mrs K V B Saraswathi Devi, Head, Dept. of Computer Science.

Prof M V Ramana Murthy Garu, focused on IoT in Real- Time how is it going to effect the future. He had also focused on how IoT works, the current status and future prospect of IoT, Challenges of IoT, Future of IoT and the Various Real-Time applications of IoT. The lecture delivered by Prof M V Ramana Murthy Garu, gave an insight as to what the future technology is going to be about.

This session concluded with the vote of thanks, by Mr N Bhaskar, Assistant Professor, Bhavan's Vivekananda College. Around 90 students including Faculty from the Dept. of Computer Science had participated in the session.

The third session was Poster Presentations which was conducted online related to the theme specified for National Science Day- 2022, that is Integrated Approach of Science and Technology for a Sustainable Future.

The judge for the event was Dr Hemalatha, Assistant Professor and former HOD Dept. of Computer Science University College for Women, Hyderabad.

There were around 21 teams which actively participated in the Poster Presentation Competition both from UG and PG.

There were around 56 students who participated in the Poster Presentation event.



## **The Poster Presentation winners in UG and PG**

### **UG**

#### **First**

Team	Roll No	Student Name	Class	Year/Sem	Topic
TEAM-8	107220546004	Akanksha Vasudeva Hanumapally	<u>B.Sc.</u> HDS	II/I V th SEM	Integration of science and technology for Sustainable future
	107220546044	Shubham Singh	<u>B.Sc.</u> HDS	II/I V th SEM	Integration of science and technology for Sustainable future
	107220546008	Attem Akhila Mudiraj	<u>B.Sc.</u> HDS	II/I V th SEM	Integration of science and technology for Sustainable future

#### **Second**

Team	Roll No	Student Name	Class	Year/Sem	Topic
TEAM-2	107221861036	S. SIDDARTH	B.C.A	1st SEM	Integration of science and technology for Sustainable development
	107221861035	R SHRI NIHESH KUMAR	B.C.A	1st SEM	Integration of science and technology for Sustainable development
	107221861047	VIGNAN THUMMA	B.C.A	1st SEM	Integration of science and technology for Sustainable development

## PG

### First

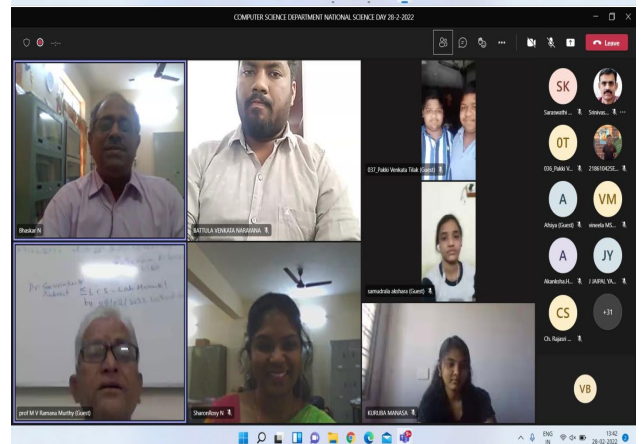
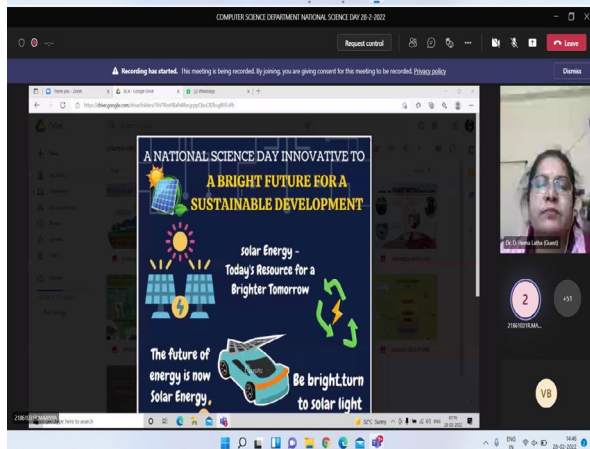
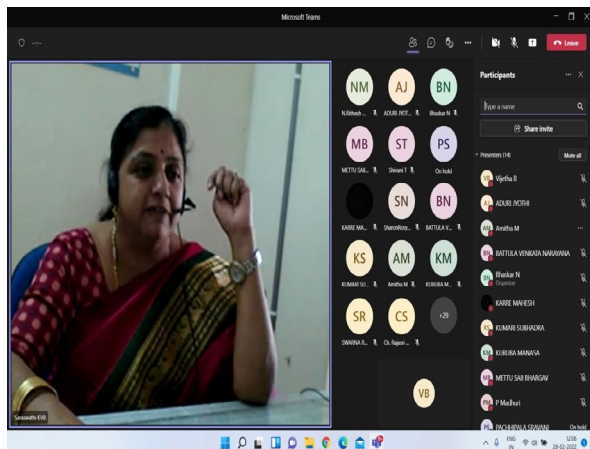
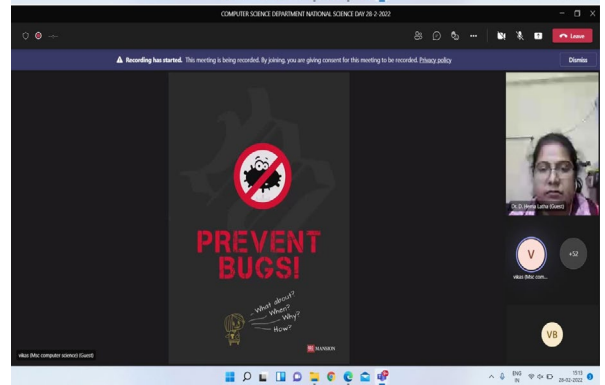
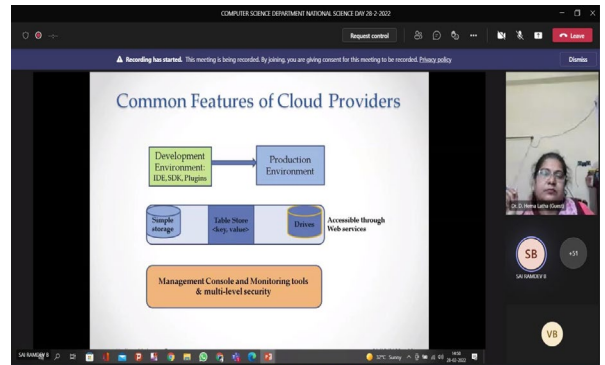
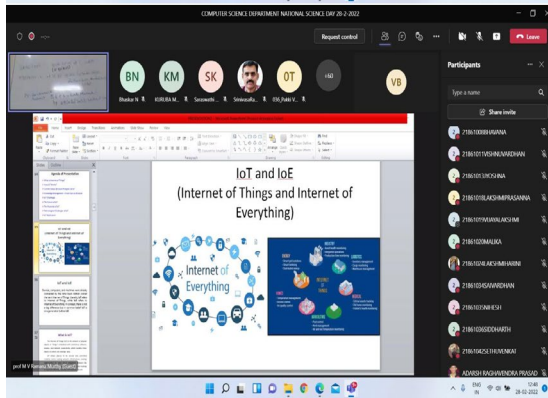
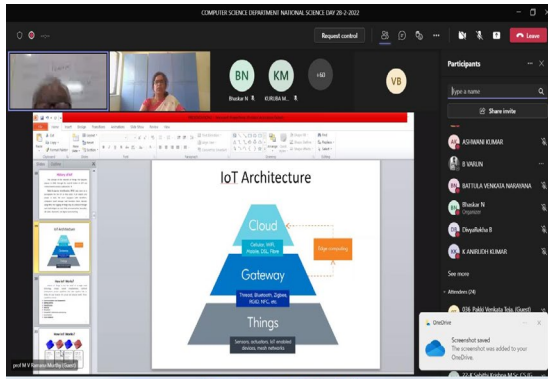
Team	Roll No	Student Name	Class	Year/ Sem	Topic
TEAM-12	107221504042	SANKOJI SRAVYA RANI	MSC(COMPUTER SCIENCE)	I/I	ARTIFICIAL INTELLIGENCE
	107221504010	CHINDAM VINITHA	MSC(COMPUTER SCIENCE)	I/I	
	107221504009	CHINDAM RAJASRI	MSC(COMPUTER SCIENCE)	I/I	

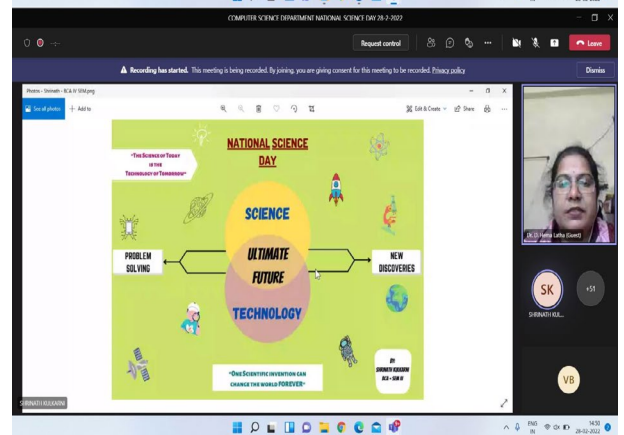
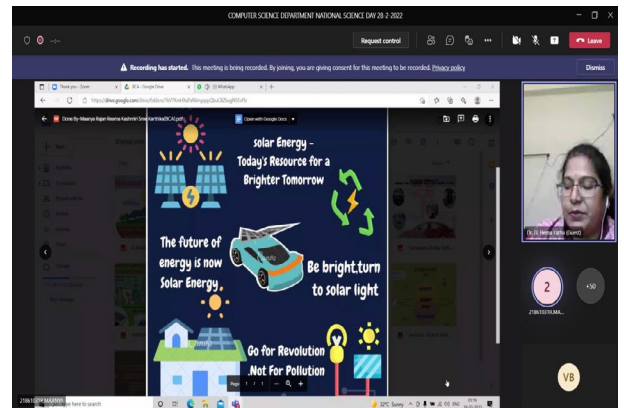
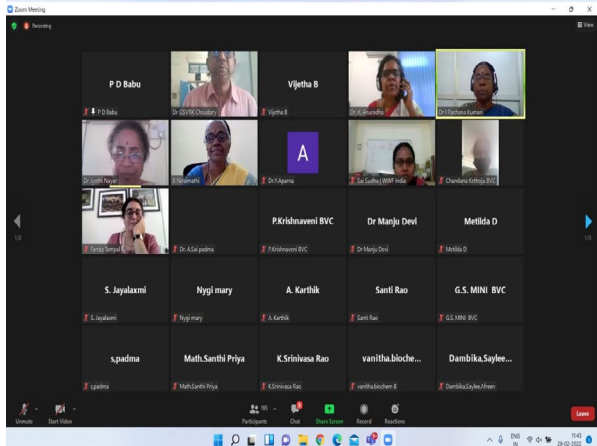
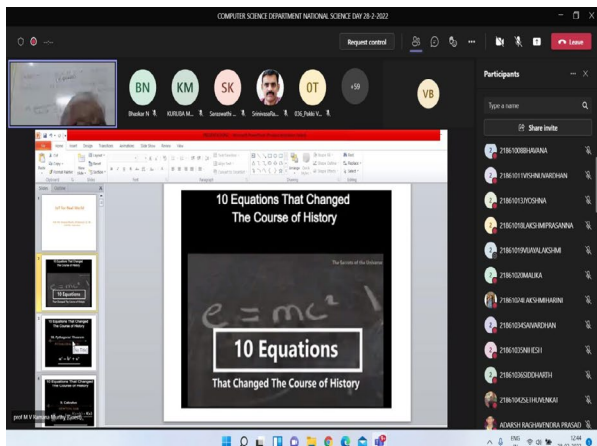
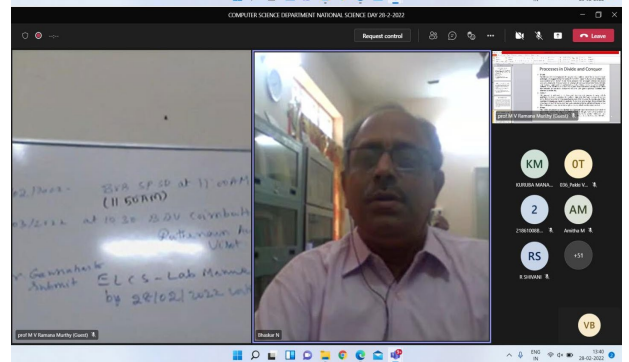
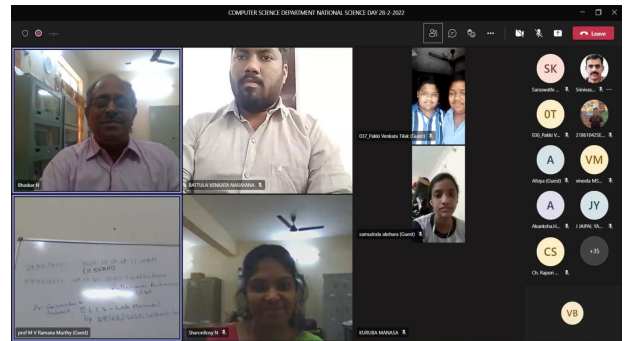
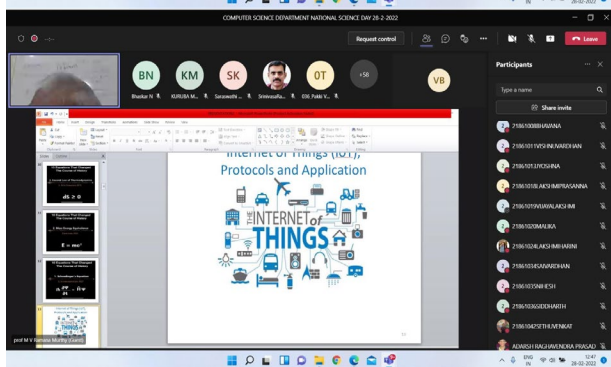
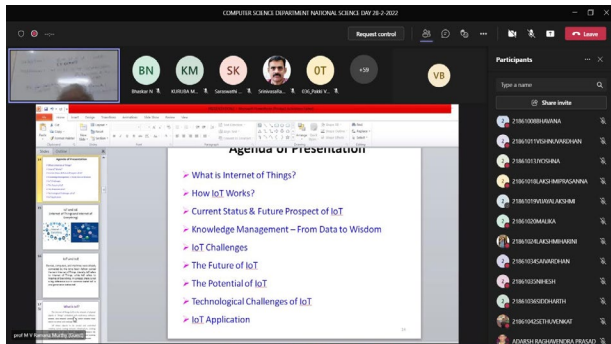
### Second

Team	Roll No	Student Name	Class	Year/Sem	Topic
TEAM-7	107220504011	DALIPARTHI SARADA DEVI	MSC COMPUTER SCIENCE	I/I	BLOCKCHAIN
	107221504022	KADUM URI SAHITHI KRISHNA	MSC(COMPUTER SCIENCE)	I/I	

This session concluded with Vote of Thanks by Mrs

K Padmapriya, Assistant Professor, Dept. of Computer Science, Bhavan's Vivekananda College.







The screenshot shows a Google Meet interface. At the top, there's a header with the text 'COMPUTER SCIENCE DEPARTMENT NATIONAL INSTITUTE OF DESIGN' and a 'Request control' button. Below this is a video feed of a man speaking. To the right of the video feed are icons for 'OT', 'KM', and 'VE'. On the far right, there's a 'Participants' list showing several names. The main part of the screen displays a presentation slide titled 'Processes in Divide and Conquer'. The slide content includes:

- Divide**  
The first and foremost process for solving any problem using Divide and Conquer approach, is to convert the given problem into a smaller and simpler sub-problem which is half of the original problem. This is done by dividing the problem into two or more parts. For example, if we are given a list of numbers, then we can divide it into two or more parts. This is done by dividing the list into two or more parts. This is done by dividing the list into two or more parts.
- Conquer**  
This process is referred to as "Conquer" because this process is what solves the problem. The first step in this process is to solve the problem. The first step in this process is to solve the problem. The first step in this process is to solve the problem.
- Combine**  
This is the final process of the "Divide and Conquer" approach where solutions to the sub-problems are combined to solve the original problem. This is done by combining the solutions to the sub-problems to solve the original problem. This is done by combining the solutions to the sub-problems to solve the original problem.

At the bottom of the screen, there's a taskbar with various application icons and a system clock showing 10:10 AM on 10/10/2023.

## **CHARLES BABPAGE DAY-2021-2022**

On 16th March 2022, The FusionTech club under the Department of Computer Science of Bhavan's Vivekananda College, celebrated Charles Babbage Day, in physical mode, commemorating Charles Babbage's 230th Birthday, in honor and respect for his dedication towards the development of computers.

The keynote speaker for the day was Prof. S Jeelani, Director, Center for Distance and Virtual Learning(CDVL), University of Hyderabad, who graced the dais along with Vice Chairman Air Cmde.(Retd.) J L N Sastry VSM, Principal Prof. Y Ashok, and Mrs. KVB Saraswathi, Head, Deptof Computer Science.

The event began with lighting of the lamp and Bhavan's Prayer which is believed to be auspicious before beginning of any event. This was followed by the welcome speech by Mrs. KVB Saraswathi, Head, Department of Computer Science. Vice Chairman, Air Cmde.(Retd) JLN Sastry VSM showered his blessings and appreciation towards the department, followed by Principal, Prof . Y Ashok giving his welcome address. Next we had a short power point presentation on Charles Babbage given by the Ist year students of BSC HDS.



Prof. S Jeelani, Director (CDVL), the guest speaker of the day , spoke on “Future Science and Information Technology”. His speech was really enlightening as he gave insights on innovations in Science and Technology.



Fusion Tech Club Organized an inter collegiate event known as "Technophilia" - Where technology meets obsession && Big Brains. The event was conducted in 'online mode' in which various students from different streams of different colleges took part in the competition. A total of 320 registrations were received. The event was conducted in 3 rounds.

Round I: Choose "IT" right! Received a total of 255 participants.

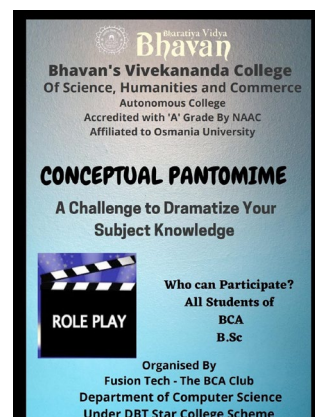
Round II: A total of 122 were qualified for the 2nd round.

Round III: Winners of round III were G.Rajesh Kumar from Little Flower Degree College, Cyril Francis from Loyola Academy Degree and PG college and S.Hema Saritha from Bhavan's Vivekananda College.

An intra-Collegiate Event was also organized known as "Conceptual Pantomime". In which students of BCA and BSC of 1st,2nd and 3rd years took part in teams.

A total of 18 teams participated in round-I and 7 teams were selected for round-II.

The winners were Keerthana and team from B.Sc. MPCs-3A bagged the 1st prize and G Rithika Reddy and team from Bsc MECs-3B bagged the 2nd prize.





A report on the day's events was addressed to the audience. The session was followed by project presentations done by the students of B.Sc. and BCA on various platforms such as C programming, Android, PHP, Python, C Graphics, HTML and CSS. There were about 41 projects presented by the students in total.-21 projects under Android,Php,Python , 13projects under C Graphics and C Programming and 7 projects using HTML and CSS. A Total of 21 projects were presented on Charles Babbage day-2021.



Moving on further with the event, Role Play and Technical Quiz(Simple Minds) was conducted by Fusion Tech Club. In which 8-9 teams from BCA and B.Sc. participated along with faculty's active involvement. This was followed by the felicitation of Fusion Tech heads 2021 ,as they were awarded with a token of appreciation. Next, we had prize distribution for Role play and Project Presentations by Principal Prof. Y Ashok, Mrs. KVB Saraswathi giving away the mementos to all winners.

The Fusion Tech heads for the academic year 2021-22 were felicitated for their exemplary contribution for the club. We also had the selections of the heads for the upcoming academic year, 2022-23.







The event concluded with the vote of thanks proposed by Mr. N. Bhaskar, Asst Prof, Dept. of Computer Science.



## Report on Arduino with Real Time Examples

There was a Guest Lecture on 8<sup>th</sup> June and 9<sup>th</sup> June 2021 (timings:5PM to 6PM), by Mr K.Abhilash and G.Ganesh from M.Sc(CS) IV SEM, organized for the students learning on Arduino with real-time examples. Students are enhancing their knowledge by attending this type of lectures.

129 students have attended this lecture.

They covered topics:

### 1st day(8<sup>th</sup> June 2021)

What is Arduino? History of Arduino, what can the Arduino do? Advantages, About Arduino hardware, about sensors, about shields, About Arduino software, Installation and program uploading steps, Different types of Arduino boards? which one is to be used? Simple example

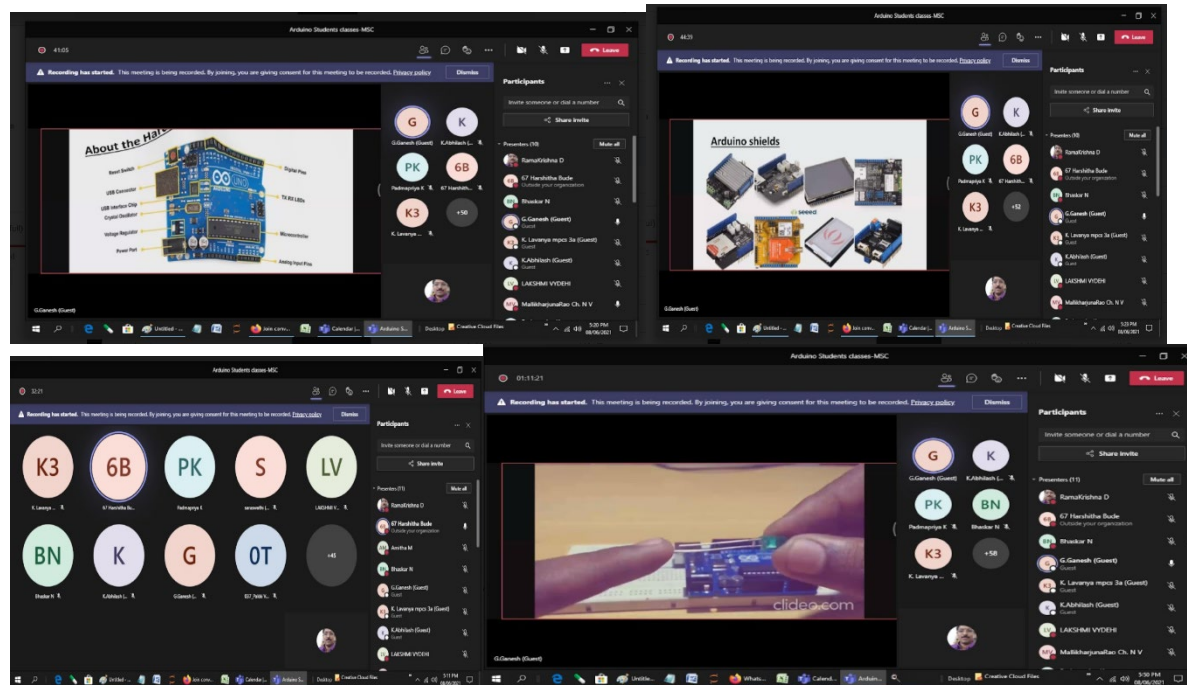
### 2nd day(9<sup>th</sup> June 2021)

Connection of Bluetooth, sensor HC05 with Arduino and mobile| Voice commands,

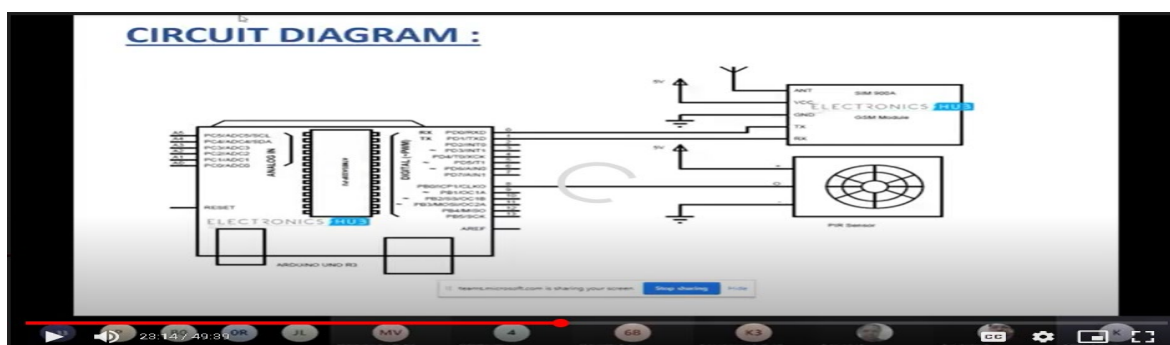
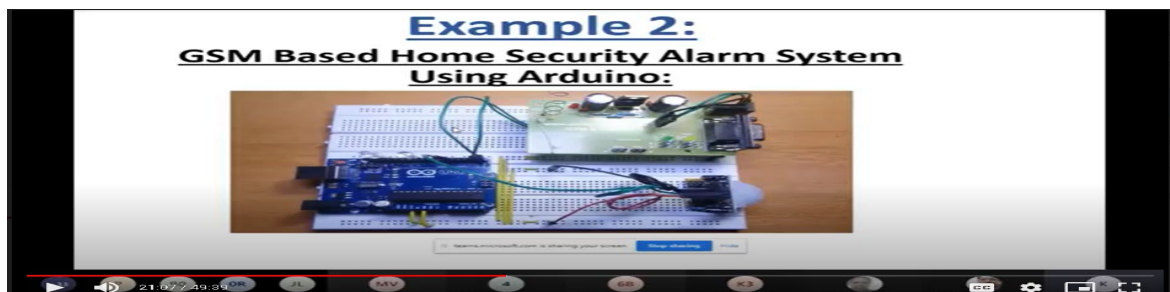
Home security by using gsm module, Car locking system using alcohol detector in Arduino



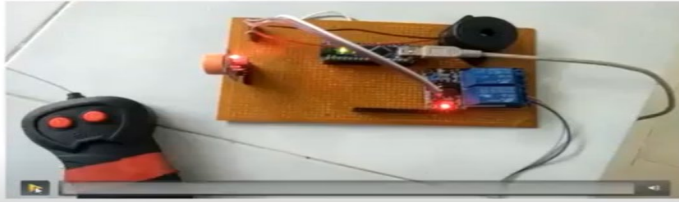
Meeting Summary					
Total Number of f		129			
Meeting Title	Arduino Students classes-MSC				
Meeting Start Time	6/8/2021, 4:44:08 PM				
Meeting End Time	6/8/2021, 6:22:23 PM				
Full Name	Join Time	Leave Time	Duration	Email	Role
Padmapriya K	6/8/2021, 4:44:08	6/8/2021, 6:22:23	1h 38m	Padmapriya1304	Organizer
K.Abhilash (Guest)	6/8/2021, 4:44:24	6/8/2021, 6:22:23	1h 37m		Presenter
K. Lavanya mpc	6/8/2021, 4:45:56	6/8/2021, 6:22:16	1h 36m		Presenter
G.Ganesh	6/8/2021, 4:45:56	6/8/2021, 6:22:12	1h 36m		Presenter
468031 Shaik Ab	6/8/2021, 4:49:29	6/8/2021, 6:07:03	1h 17m		Attendee
M Manoj Kumar	6/8/2021, 4:49:30	6/8/2021, 4:50:49	1m 19s		Attendee
Pravallika	6/8/2021, 4:49:30	6/8/2021, 6:22:23	1h 32m		Attendee
019- Priyanka (G	6/8/2021, 4:52:06	6/8/2021, 5:15:24	23m 18s		Attendee
107218467071 S	6/8/2021, 4:52:16	6/8/2021, 6:05:52	1h 13m		Attendee
008A.AKHILA	6/8/2021, 4:52:17	6/8/2021, 6:05:40	1h 13m		Attendee
67 Harshitha Buc	6/8/2021, 4:52:26	6/8/2021, 6:22:14	1h 29m	admin@Androidc	Presenter
107219467092 B	6/8/2021, 4:54:23	6/8/2021, 5:29:59	35m 36s		Attendee
reshmi sarkar r	6/8/2021, 4:55:21	6/8/2021, 6:05:27	1h 10m	pgs19029_mca.r	Attendee
reshmi sarkar r	6/8/2021, 6:08:06	6/8/2021, 6:09:39	1m 31s	pgs19029_mca.r	Attendee
467062 yugundh	6/8/2021, 4:55:21	6/8/2021, 5:15:41	20m 19s		Attendee







## DEMONSTRATION VIDEO:



☐ IGNORE THE  
DISTURBANCE!

Play (k)