Bhavan's Vivekanand College
of Science, Humanities & Commerce

Sainikpuri, Secundrabad-500094

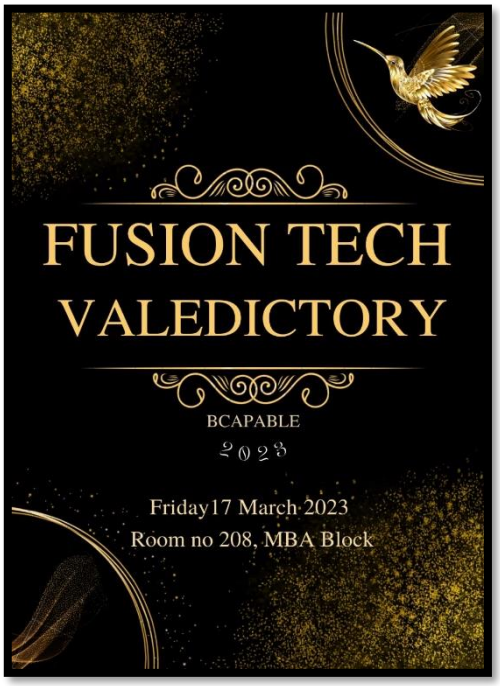
Autonomous College – Affiliated to Osmania University

REPORT ON VALEDICTORY CEREMONY OF FUSION TECH CLUB

Date: 17th March,2023

Timings: 11:00AM to 2:00PM

Venue: MBA Block, Seminar Hall (Room No:208)



The Fusion Tech club had its valedictory session for the academic year 2022-23 on 17th March, 2023. The Chief Guest for the event was Ms. Vaishnavi Malla, Alumni. The event began with the Bhavan's prayer and the dignitaries gracing the dais.

The Fusion Tech report was presented by Mr G Mahesh Kumar, BCA Co-ordinator and this was followed by Appreciations and blessings by officiating Head, Department of Computer Science Mr N Bhaskar and Principal BVC, Dr G S V R K Choudary and Ms K V B Saraswathi Devi, Senior Assistant Professor, Department of Computer Science. The Chief Guest Ms Vaishnavi Malla spoke on the importance of being a part of the Fusion Tech club and how she was benefited being a part of it.

The AVs of Fusion Tech club heads as a tribute given by various juniors and faculties were projected. Momentous and certificates was distributed to the heads.

Prizes were distributed for all the events conducted as part of the club for the academic year 2022-23. The current heads of the club were felicitated and the heads for the new academic year were announced by Ms Sharon Rosy, Lecturer, Department of Computer Science.

Mr. Shrinath Kulkarni, Student co-ordinator of the Fusion Tech club for the academic year 2022-23 was given a special appreciation award for his dedication and hard work to this club.

There were a few fun activities conducted for all the students and faculties.

The session was ended with vote of thanks by Ms S Jaya Laxmi, In charge, Fusion Tech club. The session came to an end with mixed feelings and was a memorable farewell on behalf of the Fusion Tech club for all the seniors. There were a greater number of participants who attended the event and made it a great success.

ONE -DAY REGIONAL SYMPOSIUM INFOSTAV 5.0 ON

"RECENT TECHNOLOGIES IN IT"

DATE: 24/02/2023

VENUE: St. JOSEPH'S DEGREE AND PG COLLEGE, KING KOTI

A one-day Regional Symposium - Infostav 5.0 on **"RECENT TECHNOLOGIES IN IT"** was organized by St. Joseph's Degree and PG College, King Koti. The event was organized in collaboration with Loyola Academy, Alwal, Government City College, Hyderabad and St.Pious X Degree & PG College, Nacharam. Purpose of workshop was to give insights on the latest technologies in the field of Information Technology. The Guest Speakers for the day were Ms. Kondapally Madhavi, Research Scholar, IIT-H, Mr. Maruthi Seshidhar Inukonda, Research Scholar, IIT-H, Ms. Piduguralla Manaswini, Research Scholar, IIT-H who delivered lectures on the recent technologies like CNN(Convolution Neural Network), Blockchain Technology, Cyber Forensic. In large number students from various colleges attended the workshop, amongst which students along with the faculty Mrs. Sreeprada, Asst. Professor of Bhavan's Vivekananda College of Science, Humanities & Commerce also attended the symposium to grasp knowledge on the technologies and also to get an idea about choosing the right career in the field of IT. The event was hosted to showcase the importance and career opportunities in IT by these key speakers for the day.

The event was inaugurated by lighting the lamp, in presence of the Guest speakers for the day, Mrs. Esther Ratna, Convenor, Mrs. M. Kiran Jyothi, HoD, Department of Computer Science and Mr. Sai Rama Krishna, Co-Convenor .

A motivational speech was given by Mrs. M. Kiran Jyothi, HoD, Department of Computer Science. The event began with the career guidance speech which was delivered by a Data Scientist from Microsoft, followed by Ms. Kondapally Madhavi, Research Scholar, IIT-H who explained the concepts of CNN a class of artificial neural network (ANN), how it was useful to analyze visual imagery, Mr. Maruthi Seshidhar Inukonda, Research Scholar, IIT-H who delivered an excellent lecture Cyber forensics, a process of extracting data as proof for a crime (that involves electronic devices) while following proper investigation rules to nab the culprit by presenting the evidence to the court. He explained how cyber forensics aims to maintain the thread of evidence and documentation to find out who did the crime digitally.

Around 1:30 pm, the participants were given snacks and after the break, Ms. Piduguralla Manaswini, Research Scholar, IIT-H Blockchain Technology, a method of recording information that makes it impossible or difficult for the system to be changed, hacked, or manipulated. She explained a blockchain is a distributed ledger that duplicates and distributes transactions across the network of computers participating in the blockchain.

The program was concluded with a briefing about the IT technologies and the PPT about them were shared with the students followed by a group picture with the speakers, Convenor, HoD and our students.

ST. JOSEPH'S

ST. JOSEPH'S
DEGREE & PG COLLEGE
ONE-DAY REGIONAL SYMPOSIUM – INFOTSAV 5.0
ON
RECENT TECHNOLOGIES IN IT
GPS Map Camera
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Bhavan's Vivekananda College of Science, Humanities & Commerce,

Sainikpuri, Secunderabad – 500094,

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Bhavanotsav Events Organized Under Dept. of Computer Science 2022-2023

Solvathon Report

Department of Computer Science has organized an event Solvathon which is a coding competition for newbie's, intermediate and advanced coders as a part of Bhavanotsav.

Flyer

This event was conducted by 13 Student volunteers along with Ms. PadmaPriya, Assistant Professor and Mr. Venkata Narayana, Programmer in Department of Computer Science.

The event began at 12:30 P.M on Feb 9th 2023 in N21A, N21B and N21C Computer labs in Library block, Bhavan's Vivekananda College.

Interesting coding questions were given to solve as part of this competition. Each team consists of 2 participants. This competition will build student vocabulary as a coder and also add a great value to student's resume.

Two first and two second prizes are awarded to the best participants and all the remaining participants will receive a participation certificate. Total 13 teams attended the competition. There are two rounds conducted in the competition.

Round 1:

Try to run the given application in choice of your language (Python, Java) in command prompt, Solve the logical and Syntax errors in the Command line application.

The Following is a Task Management Application, the features include:

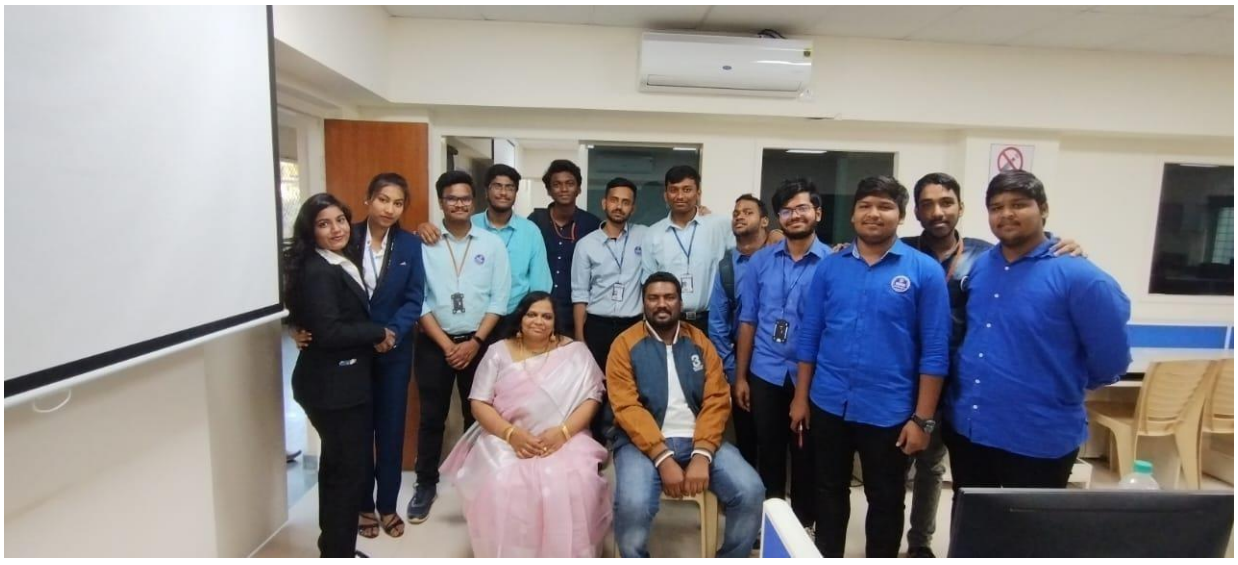
1) Able to View all the current tasks in a chronological order.

2) Able to append new tasks to the Task management system.

3) Mark tasks as done.

Round 2:

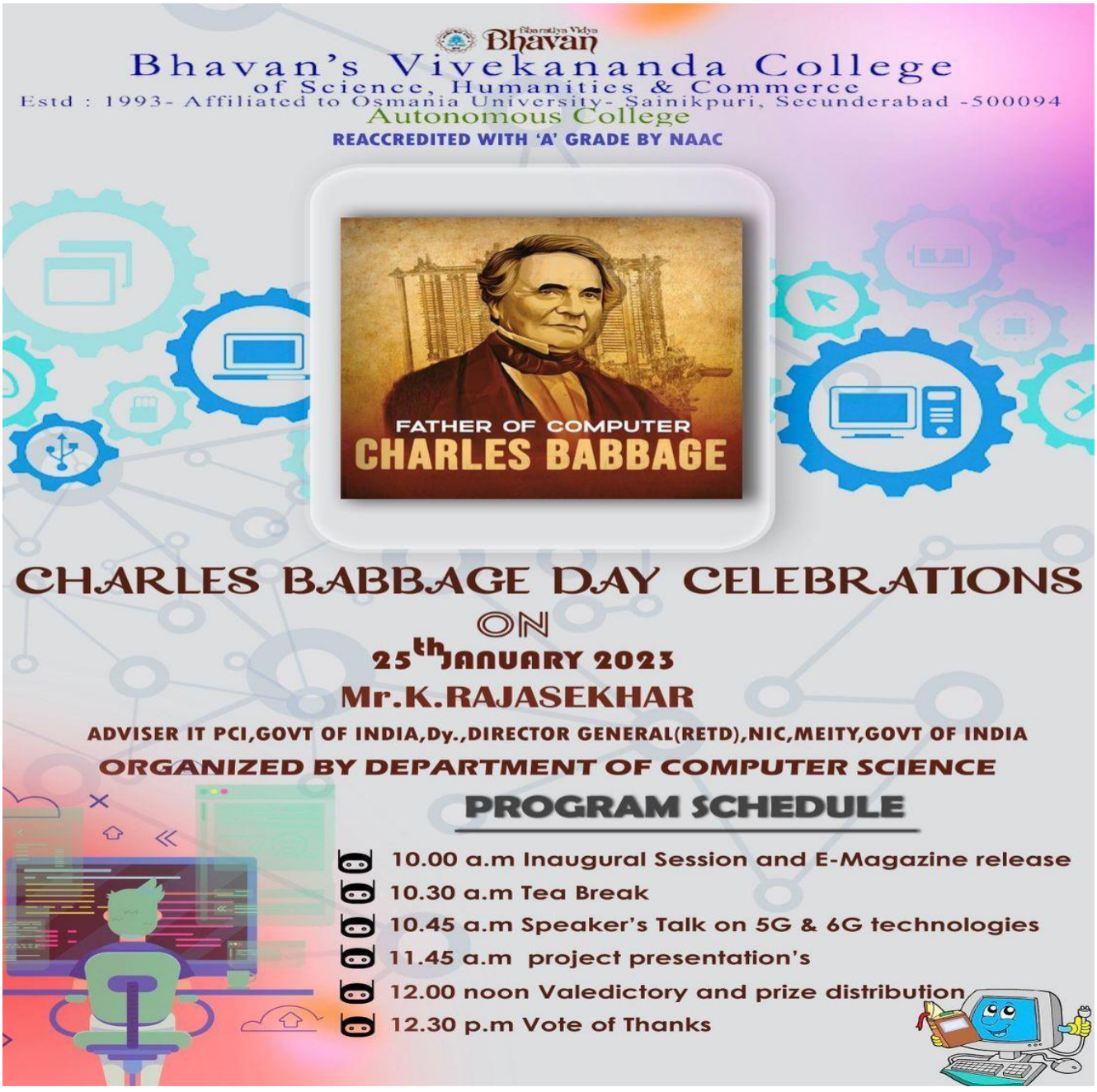
Create an encryption and decryption function that takes a single string .The encryption function takes a single string converts it into a encrypted string .The encrypted string when given to the decryption function should return the original String .This can be done in any programming language.



Winners of Solvathon:

Event Name:	Solvathon				
TEAM NO	Name	Gender	Programme/Course	Name of the college	Prize
1	Shubham Singh	Male	B.Sc(HDS)-III Year	BVC	Ist
	N Bhavana Reddy	Female	B.Sc(HDS)-III Year	BVC	
2	K Vikas	Male	M.Sc(CS)- II Year	BVC	2nd
	E Dheeraj	Male	M.Sc(CS)- II Year	BVC	

CHARLES BABBAGE DAY-2022-2023



Department of Computer Science of Bhavan's Vivekananda College, celebrated Charles Babbage Day on 25th January 2023, commemorating Charles Babbage's 231st Birthday in honor and respect for his dedication towards the development of computers.

The keynote speaker for the day was Mr. K. Rajasekhar, Advisor IT PCI, Govt of India, Dy. Director General (Retd.), NIC, MeitY, Govt of India, who graced the dais along with Vice Chairman Air Cmde.(Retd.) JLN Sastry VSM, Principal Dr.GSVRK Choudary, Mr.N.Bhaskar officiating Head of Computer Science department, Mrs.KVB Saraswathi, Senior Faculty of Computer Science.

The event began with lighting of the lamp and Bhavan's Prayer which is believed to be auspicious before beginning of the event. The Vice Chairman, Air Cmde.(Retd.) JLN Sastry, VSM showered his blessings and appreciated the department and the young minds. Principal, Dr.GSVRK Choudary has addressed the gathering with his encouraging words on this event. This was followed by the welcome speech and highlights of department activities by Mr.N.Bhaskar, officiating Head of Computer Science department. Mrs.KVB Saraswathi, Senior Faculty of Computer Science appreciated the students who published articles in various domains and encouraged them to take up more in future with the emerging technologies.

Mrs. K Padma Priya, Senior Faculty of Computer Science has briefed about the Charles Babbage day and the various projects that has been presented by the Students.

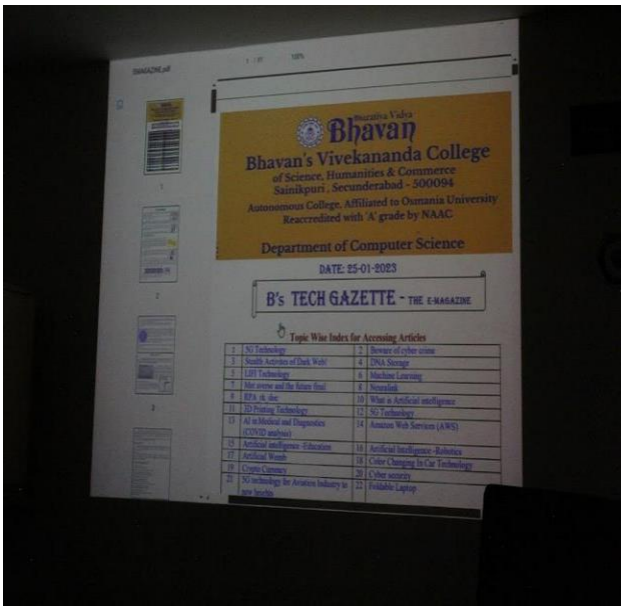
Powerpoint presentation on Charles Babbage was delivered by the 1st year students of BCA.

The Bhavanotsav 2023 teaser was launched in the MBA seminar hall by Vice Chairman Sir, Chief Guest, Principal Sir, Mr.N.Bhaskar (officiating Head of Computer Science department) and Mrs.KVB Saraswathi, (Senior Faculty of Computer Science). The event also marked the launch of the e-magazine on the occasion of Charles Babbage Day celebrations in the Computer Science department.

The Speaker Mr. K. Rajasekhar has delivered insights about 5G & 6G Network Technologies, applications and its challenges. The comparative study on 5G/6G technologies, Wireless Network cells, Functional Architecture of 6G, Key features for future 6G.

As a part of this event, our department conducted project presentation competitions on 18th & 19th January 2023 in various platforms like Android, Java, Python using ML, HTML, CSS, JavaScript, Node.JS, PHP, MySQL, Firebase, C & C++ using Graphics. A magnificent number of students from B.Sc (HDS) and BCA of 1st, 2nd & 3rd years have put-in their best efforts to complete their projects. There were a total of 41 teams and 102 participants.

Best projects were selected by department faculties - Mr. N Bhaskar, Mrs. KVB Saraswathi, Mr. K Srinivasa Rao, Mr. CHNV Mallikarjun, Mrs.S Jaya Lakshmi, Mr P Srinivasa, Mrs M. Amitha, Mrs. Sharon Rosy, Mrs. Vijetha, Mr. S Naveen Kumar, Mr. Jalaj Kumar Pandey, Mrs. K. Rajini and Ms.V Sreeprada.



The Computer Science department recognized the efforts of senior students who conducted Android and C-graphics classes for students through online and offline methods. The students were awarded the best appreciation award "Techno-Ment" and appreciation letters for their skills and efforts. Pakki Venkata Teja of B.Sc. (HDS)-VI SEM and Sikinam Nithin Suhas of BCA- VI SEM received the "Techno-Ment" award and letters of appreciation. Pakki Venkata Tilak, E Aditya Charan of B.Sc. (HDS)-VI SEM received the "Computer-G" award and letters of appreciation. Varun Bukka and Hasan Ali of BCA-VI SEM received letters of appreciation for their sessions on Android applications.

Prize distribution: Based on different categories prize distribution was done.
The categories are:

1. Android Apps
2. Python using ML
3. Web Programming
4. Arduino projects
5. Graphics using C & C++

The students were appreciated and given prizes by Principal Dr. GSVRK Choudary, Mr. N.Bhaskar, officiating Head of Computer Science department and Mrs.KVB Saraswathi, Senior Faculty of Computer Science.
All categories together 19 students won 1st prize and 20 students won 2nd prize. Certificates were given for other students who have presented their projects in various platforms.

Vote of thanks was proposed by Mr. G. Mahesh Kumar, BCA Programme Coordinator.

VOICE
ASSISTANT(GHOST)
THE WORLD
JUST A CLICK

Charles Babbage Day
Celebrations
ORGANIZED BY

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OF SCIENCE, HUMANITIES AND COMMERCE
Celebrations
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JUST A CLIC

Bharatiya Vidya Bhavan

BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES & COMMERCE

Sainikpuri, Secunderabad - 500094
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OUTREACH PROGRAMME BY THE DEPARTMENT OF COMPUTER SCIENCE

Venue: - IT Block .

Date: - 17th December 2022

Bharatiya Vidya Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE
Sainikpuri, Secunderabad - 500094
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"GNANA PRAJVALAM"

Outreach Programme For High School Students

In Collaboration With

Dr. A. S. Rao Awards Council

Organized by

Internal Quality Assurance Cell

Venue: Bhavan's Vivekananda College
Date: 17th December, 2022
Time 10:30 AM to 3:30 PM

Participating Departments

Faculty of Life Sciences
Faculty of Physical Sciences

Mrs B. Niraimathi
IQAC, Coordinator

For Further Details Contact
Dr. Y. Aparna
9866471203

An Outreach Programme was organized by Departments of Life Sciences and Physical Sciences of College on

17th December 2022. The main purpose of this event was to create Awareness regarding educational and technological advances in the current era. There were approximately 10 schools that attended this program. Such as:-

1. St. Ann's High School.
2. ZPHS Kapra.
3. Model Mission High School.
4. Little Pearls High School.
5. ZPHS old Alwal.
6. Bhavan's Vidhyalaya Sainikpuri.
7. Gaythri Vidhyalaya.
8. St. Thomas High School.
9. Senior Staff (Guest).
10. Lecturers.

As part of the Outreach Programme, there were 25 student volunteers from the Department of Computer Science who actively participated and the following events were organized

1. Throw and Guess.

2. Scratch Game Development.

3. Computer Hardware Exhibit

* Throw and Guess: -

In this game a ball should be rolled into one of the plastic glasses, wherein there exists a blurred logo of social media

The students need to guess the blurred logo.

From this event most of the students have actively participated and among them 10 students have won the game.

The coordinators of this event were: - Reema Kashmiri, Teja.

*Scratch Game Development:-

Scratch is a programming language that is perfect for making games, animations, and other visually rich programs. By using this software volunteers have created few gaming projects and also they have given a wonderful demonstration for beginners to develop simple games.

The examples of scratch engine software which were demonstrated were:-

1. Avatar Game.
2. Ping Pong Ball Game.

The students showed their interests and have actively participated in these events by being interactive and having their queries answered by the student volunteers.

It was very great learning experience for the school students to develop interest towards software programming.

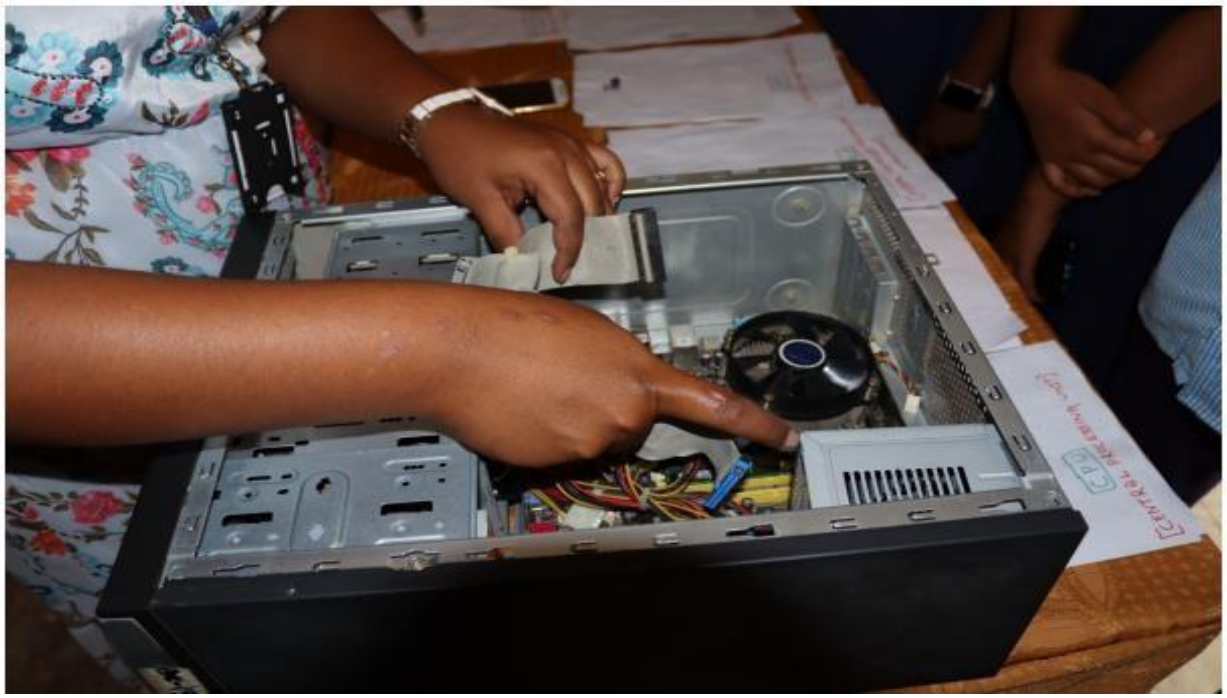
The coordinator for this event was Mr Nithin Suhas.

*) <u>Computer Hardware Exhibit:</u>

A Computer Hardware Exhibit was also showcased as part of the Outreach Program Conducted by our college. The students from various schools who visited our college gained knowledge about different Computer Hardware and Software that are available today.

This event was coordinated by Mr. Shashank More under the guidance of Lecturers of the Department. The exhibit consisted of hardware components such as Motherboard, Power Supply Unit (SMPS), RAM, HDD and SSD Drives, CD-Drive, CPU, Graphic Cards and other components which are used in a Computer.

The volunteers had given a detailed overview to the students about the components and the importance of each component. They also showed the students assembling and disassembling of the system, which gave them a very good insight about how the inside of the CPU functions. The session was very informative and the students were very keen to learn. Even though it was a short session, all the points and topics useful and important for the students were covered.



BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES AND COMMERCE

SAINIKPURI, SECUNDERABAD, TELANGANA.

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Department of Computer Science

Workshop on ASP.NET MVC

A Report

The department of Computer Science of Bhavan's Vivekananda College has organised an inter-collegiate workshop on ASP.NET MVC, under the Cluster College Programme on 10 December 2022 in the college.

Starting in the year 2021, the cluster system was implemented in nine autonomous degree colleges in Hyderabad. And Bhavan's Vivekananda College was selected under cluster college programme

The Cluster College Programme is integrated to multiply productivity, efficiency, optimisation of resources and better learning outcomes. The Principals of 10 autonomous colleges; Bhavan's Vivekananda Collee of Science, Humanities and Commerce, Sainikpuri, St Ann's College for Women, Mehdipatnam, Loyola Academy, Secunderabad, St Joseph's Degree & PG College, St Francis College for Women, RBVRR College, Narayanguda, King Koti, Nizam College, Government College for Women, Begumpet, Government City College and University College for Women, Koti entered into an agreement to commence activities under the Cluster Colleges programme, which includes exchange of faculty, researchers and students as well as opportunities for collaborative research projects and publications.

An MoU to this effect was signed by the 10 autonomous colleges in the presence of Navin Mittal, Commissioner of Collegiate Education, Professor R Limbadri, Chairman of Telangana State Council for Higher Education and Professor D Ravinder, Vice-Chancellor of Osmania University.

The Programme started at 11:00 am. Mrs, Sharon Rosy from the computer science department was the host of the workshop. The programme started with the Bhavan's prayer after which the host Mrs. Sharon Rosy welcomed all the participants and dignitaries to the workshop. There were a total of 102 participants out of which 36 students along with 2 faculty were from other colleges. Then the Principal and the Speaker were invited onto the dais with flower bouquets. The HOD of the Computer Science Department Mr N Bhaskar, welcomed all the participants and spoke a few words about the workshop. He briefed them about the objectives of the workshop. He also said that ASP.NET MVC is now very much needed in the field of computers.

Later Mrs. K.V.B. Saraswathi, Sr. faculty of the Department of Computer Sciences addressed the gathering introducing the workshop and spoke about ASP.NET MVC. She spoke about the importance of ASP.NET MVC and its usage in the corporate world.

The Principal, BVC, Dr. GSVRK Choudhary was invited to address the gathering. He welcomed the speaker Mr. Sai Surya Prakash and all the participants and the faculty of BVC to the workshop. He thanked the speaker for having accepted the invitation and being there. He added that the Computer Science is the most fast changing field in todays world. He also congratulated the Computer Science Department and Dr. Suvarchala Rani, the Cluster College coordinator for organising the event.

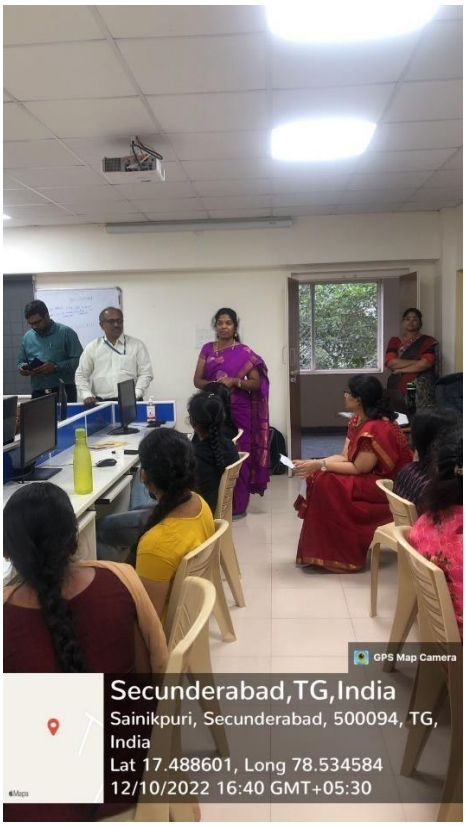
Then the speaker Mr. Sai Surya Prashanth, an alumnus of BVC who had done his MSc. Computer Science from the college was introduced by the host Mrs. Sharon Rosy, and he addressed the gathering.

The first session started after the short break at 12:00 pm. The speaker Mr. Sai Surya Prashanth gave a session on the life cycle of ASP.NET after which he gave a session on how to create ASP.NET app on an MVC. He later gave a session showing a sample App and website.

After lunch it was time for the practical session and it began at 2:00 pm in the computer labs in the New Block. It was a Hands-on training session for the participants on how to connect to the database through ASP.NET. It was indeed a very enthusiastic participation from all the participants and a very fruitful workshop. The students thoroughly engaged themselves in the hands-on activity and learnt a lot. The session went on till 4:30 pm after which we had the valedictory session and the closing programme.

The workshop came to an end at 4:30 pm. Mr. N Bhaskar, Officiating Head, Department of Computer Sciences addressed all the participants thanking them for their active participation. After that, the time was given to the participants to share their feedback on the workshop where students from AV College, University College of sciences for women Koti and Bhavan's Vivekananda College expressed their views and gave their feedback of the workshop. They said that they had learnt a lot and that it was a very useful workshop. Then, the time was given to the resource person to express his views. He said that he was happy to come back as a resource person to the college he studied in and said that he was impressed with the kind of enthusiasm and interest the participants showed in the hands-on activity. He also thanked the management of Bhavan's for inviting him as the resource person.

It was then the time of the valedictory. All the participants were awarded with the certificates of participation. And lastly the programme ended with the vote of thanks by Mrs. Suvarchala Rani coordinator of Cluster College Programme. She thanked the management of BVC and also congratulated the Department of computer science for having successfully organising the event. She also thanked all the participants and specially the participants from other colleges for actively taking part. Last but not the least she thanked the resource person Mr. Sai Surya Prashant for having accepted the invitation and making the event successful. The workshop ended on a very positive and fruitful note.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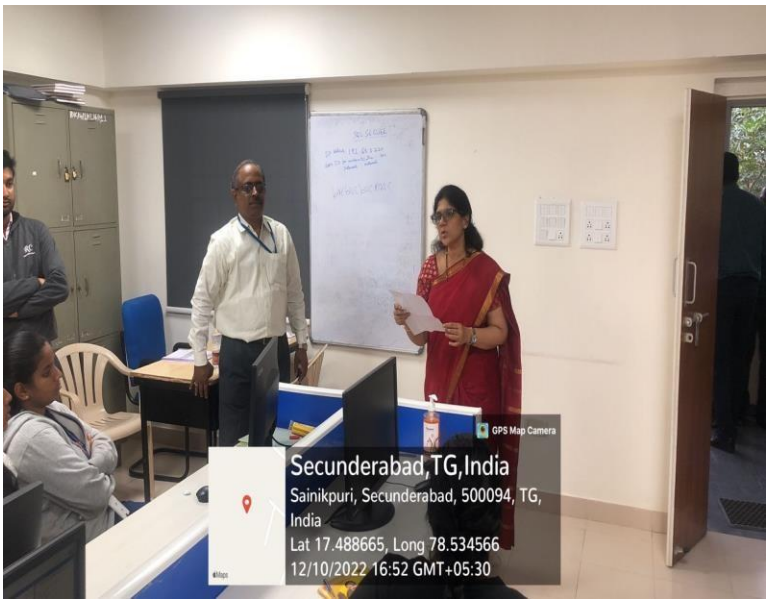
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BHAVAN'S VIVEKANANDA COLLEGE

PHP with MySQL – VALUE ADDED COURSE

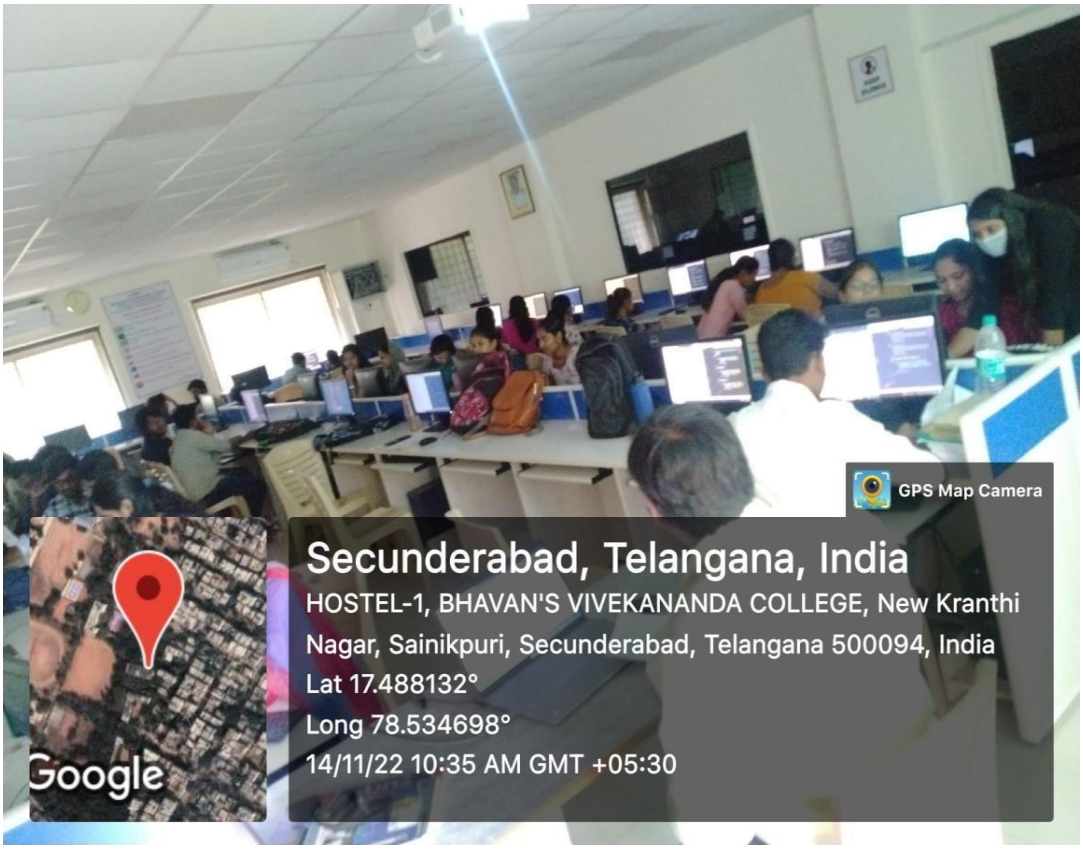
REPORT

Department of Computer Science organized a 30hrs value added course on **"PHP with MySQL"** for **M.Sc. (Computer Science) 3rd semester** students from 02nd November 2022 to 02nd December 2022. Timings are 08.30 am to 09.30 pm in Computer science Lab **N21B**.

A total of **42** students attended the course.

The Course Content were delivered and demonstrated by course instructors **Mr. S NAVEEN KUMAR,** Lecturer, Department of Computer Science.

The technical part (software installation, network connection) of the Value-Added Course was taken care by **Mr. L Narsing Rao**, programmer, dept. of computer science.



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Long 78.534678°
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Google

PHP with MySQL

Training Program

About the course:

PHP is a server-side scripting language that can be used for converting any website into a dynamic website and allow for dynamic behavioral functions in the website. PHP is a free open-source tool and is the preferred development option of most companies across the web. Benefits of PHP include being able to collect form data, generate dynamic page content, or send and receive cookies.
MySQL is a Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). It is also free and open source and is commonly used with programs developed in PHP.

PHP MySQL course is designed to enable the students and basic beginners to build dynamic database driven web sites using PHP MySQL combination. PHP being a rich and task-specific language, this course covers the most important range of functions in depth and equips to develop the web application in full strength.

Duration: 5 week program (30 hour program)

Week 1: (hour 1 - hour 6)

1. **Introduction to web technology - Scripting languages**
2. **HTML 5**
   Introduction & History
3. **HTML5 Form Elements**
   HTML5 Form Attributes
4. **CSS3-Introduction**
   External, Internal & Inline Style sheets
5. **Introduction to bootstrap**
6. **JavaScript - Introduction - Syntax**

Week 2: (hour 7 – hour 12)

7. **External & Internal**
8. **JavaScript – Form Validation**
9. **Regular Expressions- introduction - Syntax**
10. **PHP basics**
11. **XAMPP & WAMPP**
12. **Echo & print**

Week 3: (hour 13 – hour 18)

13. **Functions**
14. **Arrays**
15. **Sessions**
16. **Cookies**
17. **Error handling**
18. **Oops concepts**

Week 4: (hour 19 – hour 24)

19. **Classes and objects**
20. **MySQL introduction**
21. **MySQL Contents**
22. **PHP MySQL Application Development**
23. **PHP MySQL Application Development**
24. **PHP MySQL Application Development**

Week 5: (hour 25 – hour 30)

25. **PHP MySQL Application Development**
26. **PHP MySQL Application Development**
27. **PHP MySQL Application Development**
28. **PHP MySQL Application Development**
29. **PHP MySQL Application Development**
30. **PHP MySQL Application Development**

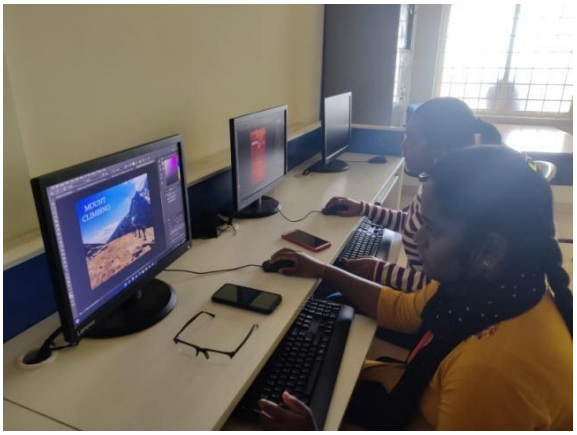
Students Attended the VALUE ADDED COURSE		
M.Sc.(CS) III Semester Students list		
SL. NO.	ROLL NO.	NAME
1	107221504001	AFSIYA BEGUM
2	107221504002	A CH SAI APOORVA
3	107221504003	AMBATI HARIKA
4	107221504004	ANNU KUMARI
5	107221504005	ARUTLA VAMSHI
6	107221504006	AVUTHU MEGHANA REDDY
7	107221504007	BARIGELA MAHESH
8	107221504008	BODDUPALLY SHIVA
9	107221504009	CHINDAM RAJASRI
10	107221504010	CHINDAM VINITHA
11	107221504011	DALIPARTHI SARADA DEVI
12	107221504012	ELUKA DHEERAJ
13	107221504013	G N VAISHNU SREE
14	107221504014	GHANTA HARINI
15	107221504015	HOUSTON IVAN MOSES
16	107221504016	J JAIPAL YADAV
17	107221504019	KADIMI AJAY RAO
18	107221504020	K LAVANYA
19	107221504021	KADIMI AKASH RAO
20	107221504022	KADUMURI SAHITHI KRISHNA
21	107221504023	KANDUKURI VIKAS
22	107221504024	KESHAVARAM NIKITHA
23	107221504025	KORRA AMULYA
24	107221504028	MALIPEDDI BHAVANA
25	107221504029	MALLAM RAMA KRISHNA
26	107221504030	MD ANEESHA THABASUM
27	107221504031	NALLA GINNELA RITHESH
28	107221504032	NELLUTLA MANISHA
29	107221504034	ODETI SRINIVAS
30	107221504035	PALAKURTHI SRUTHI
31	107221504036	PANDUGA POOJA
32	107221504037	RAMAGIRI MEGHANA RANI
33	107221504038	RAMOJI VINEELA
34	107221504039	SAMUDRALA AKSHARA
35	107221504040	SANDHAL MEGHANA
36	107221504041	SANKATI MAHESH

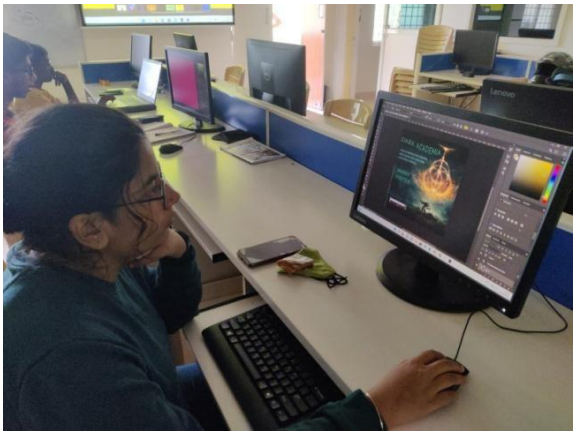
37	**107221504042**	**SANKOJI SRAVYA RANI**
38	**107221504043**	**SHAIK SADHIQ**
39	**107221504044**	**SHAIK SONY**
40	**107221504045**	**THADEM MADHURI**
41	**107221504046**	**TUMMA SHIVANI**
42	**107221504047**	**VALLAPU SAI KUMAR**

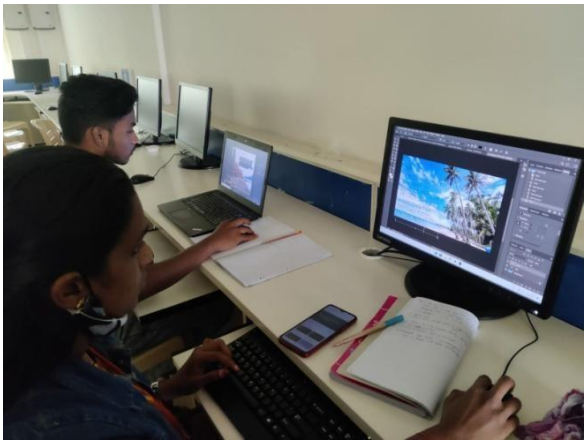
Report on Certificate Course Graphic Design

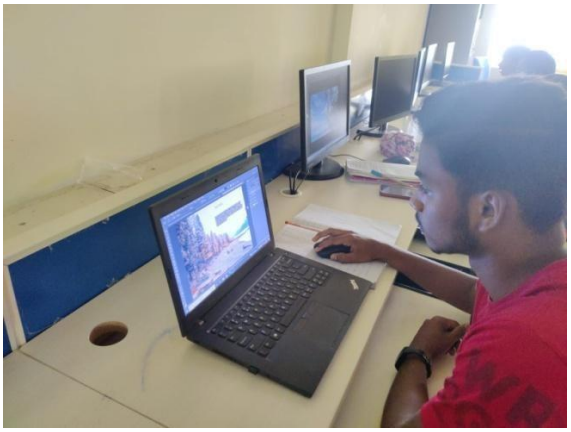
Considering the need and demand of digital creativity, Department of Computer science in collaboration with certificate course committee of the college conducted *Graphic Designing Course.* The course started *from 19th September 2022 to 21st October 2022*. For a period of two months scheduling 2 classes per day with the duration of 1hr each. A total of 30 hr training on photo editing tools, such as Adobe Photoshop and Illustrator were provided with practical and theoretical sections. A total of 40 students registered out of which 22 students enrolled for the course. Editing Background images, collage of photographs, double exposure images, retouch and filtering, commercial ads creation were some of the concepts explained and implemented with live examples. The course emphasized on creation of logo, vector graphics for web application, poster making and other digital media. Students were given opportunity to design official posters and certificates for various college events, to encourage their talent.

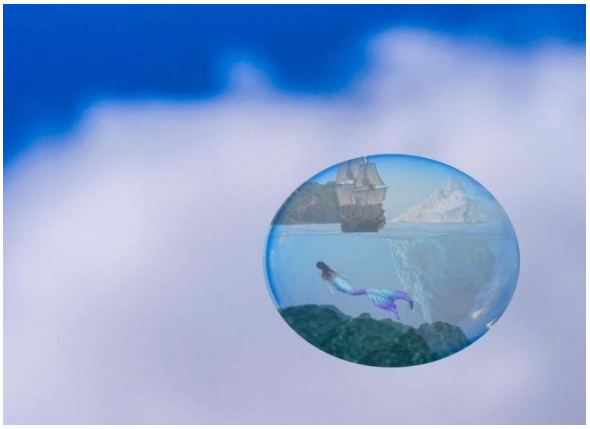
The session was handled by S.Jayalaxmi, R.Manohar faculty department of computer science Bhavan's Vivekananda college.

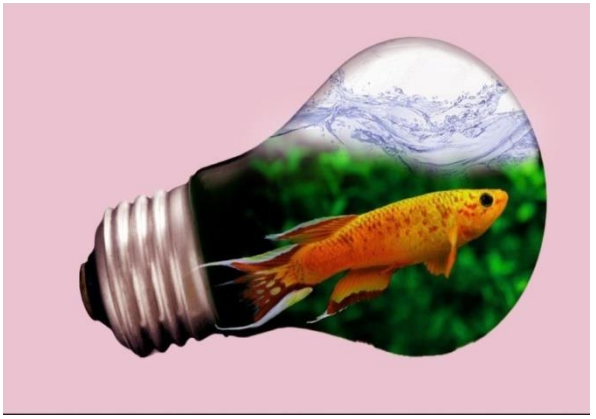












BEFORE
AFTER

before
after

BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE,HUMANITIES AND COMMERCE

Department of Computer Science

Induction Program for BCA I Year Students

The Fusion Tech Club along with the 2nd Year students organized an Induction Programme for BCA I Year Students on 16th August 2022 to welcome the freshers who joined the college for the academic year 2022-2025.

The induction was conducted to welcome the freshers to Bhavan's family and introduce them to the BCA-programme and Fusion Tech Club.

The programme began with the welcome address by Mrs B Niraimathi, Officiating Principal, BVC who briefed to the students about the college and the environment.

Also, Mr.N.Bhaskar, Officiating Head, Department of Computer Science spoke a few words to the students regarding the Department and the Course.

Lastly, Mr. G Mahesh Kumar, Assistant Professor, Department of Computer Science, Coordinator,BCA, gave a presentation with insights about the course and the activities conducted by the department.

Following this , there were some engaging activities for the freshers hosted by the Fusion Tech Club.

The first round was named '**Word Traffic**'. In this round a specific topic was given and the students were to build words related to it. The students were divided into 3 teams of 15 each with a time window of 5 seconds to answer. 27 students were qualified for round two.

The second round was '**Enact or React'.** In this round 2 pictures were shown, where one picture was of a famous personality and the second picture was of a popular celebrity. The students either had to speak a few lines about the famous personality or enact like the popular celebrity. By the end of this round, 12 students qualified to the third round.

The third round was called '**Shouting in silence**'. This round was played in pairs where one person put on headphones with music playing in his ears while the other had to say a text or a sentence which needs to be guessed correctly by the other person. All the 12 students were divided into 6 pairs. This round ended with a tie.

So ,the 4 students played a tie breaker round which was '**Draw me if you can**'. It was a simple pictionary round out of which one pair was declared the winner. All the students participated actively and enthusiastically in the event.

The final winners of the Activity were as follows:

1st Prize : Jorndan & Aditya

2nd Prize : Siri Mallika & Shruthi

3rd Prize : Ram Pranav & Ashish

Bharatiya Vidya Bhavan

BHAVAN'S VIVEKANANDA COLLEGE

of Science, Humanities & Commerce

Sainikpuri, Secunderabad - 500094

Autonomous College, Affiliated to O.U.

Accredited with 'A' grade by NAAC

CHARLES BABBAGE DAY CELEBRATIONS

16th March 2022

Time: 10:00 AM

CHIEF GUEST

PROF. S. JEELANI

Director

Centre for Distance and Virtual Learning (CDVL)

University of Hyderabad

Organized by

Department of Computer Science

Under DBT-Star College Scheme

PROGRAMME

FOR THE DAY

GUEST LECTURE

PROF. S. JEELANI

Director

Centre for Distance and Virtual Learning (CDVL),

University of Hyderabad

PROJECT PRESENTATION

Android

C Graphics

Website Designing

FUSION TECH

Club Activities

VENUE: MBA SEMINAR HALL

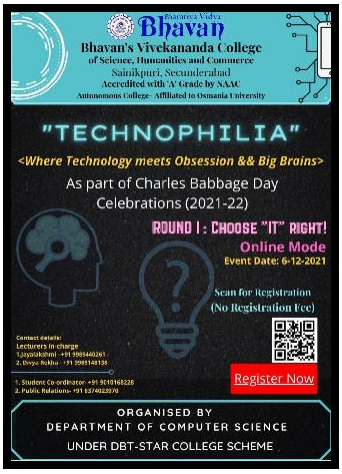
CHARLES BABBAGE DAY-2021-2022

On 16th March 2022, The Fusion Tech club under the Department of Computer Scienceof 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.

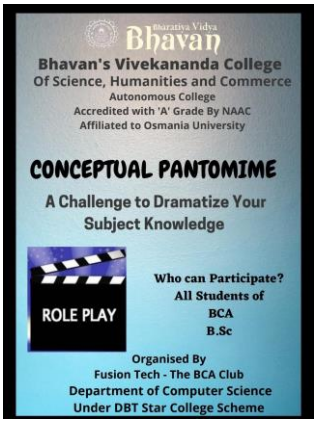
The keynote speaker for the day was Prof. S Jeelani, Director, Center for Distance and Virtual Learning(CDVL), University of Hyderabad, who graced the dais along with Vice Chairman Air Cmde.(Retd.) J L N Sastry VSM, Principal Prof. Y Ashok, and Mrs. KVB Saraswathi, Head, Dept of Computer Science.

The event began with lighting of the lamp and Bhavans 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) JLNSastry 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 , 13 projects under C Graphics and C Programming and 7 projects using HTML and CSS. A Total of 21 projects were presented and 150 participants attended the 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.

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce

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

INTERNATIONAL WEBINAR ON CLOUD ARCHITECTURE IN SOFTWARE ENGINEERING

Date: 14st March 2022

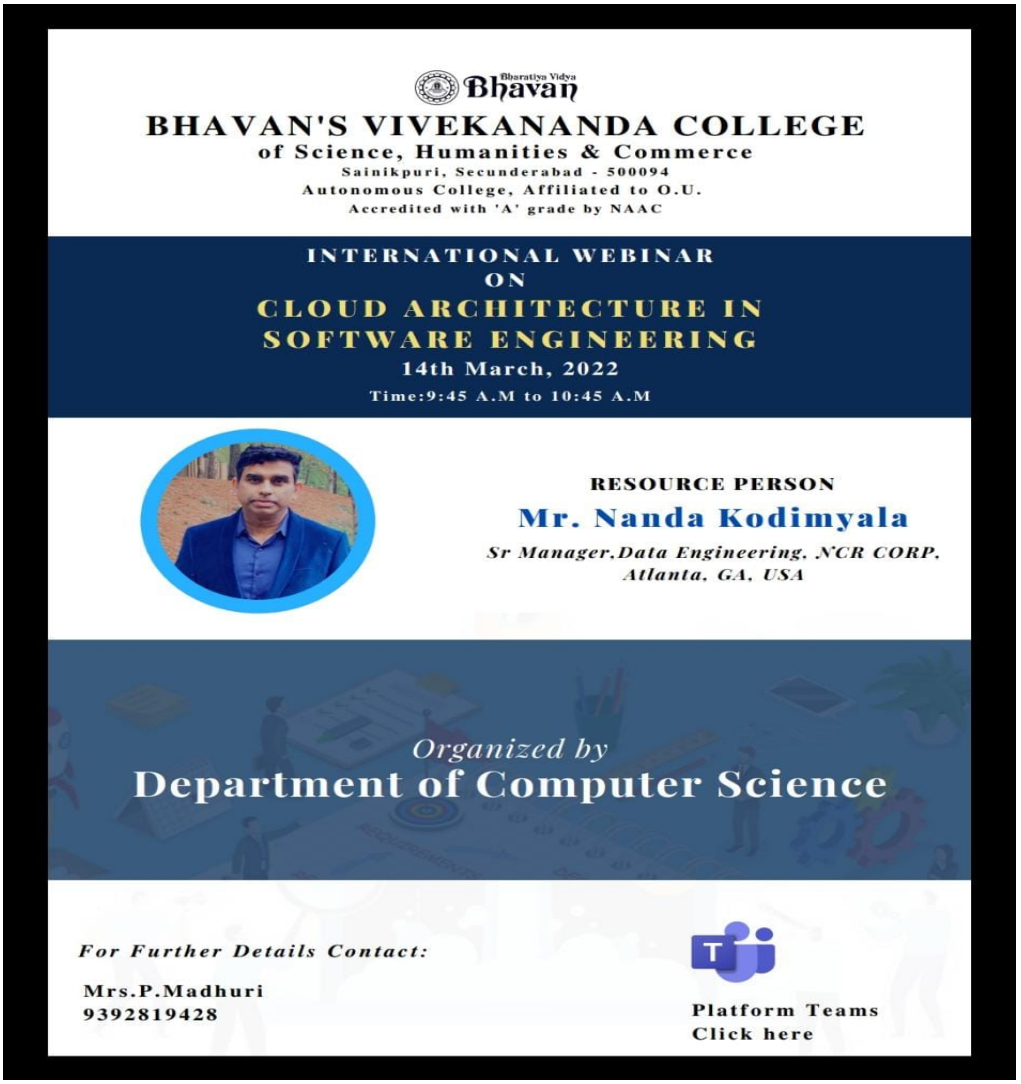
Timings: 9:45am – 11:00 am

Venue: ONLINE(Microsoft Teams)

VIP's: Mrs. K V B Saraswathi , Head of the Department of Computer Science

Speaker: Mr. Nanda Kodimyala.

(Sr.Manager,Data Engineering, NCR CORP, Atlanta, USA)



A Guest Lecture along with Hands-on session, on Cloud Architecture in Software Engineering, was organised by Department of Computer Science from 9:45am to 11:00am on 14th March, 2022. Around **95** students including faculty of Computer Science Department attended the session. The session began with Mrs. Saraswathi, Head, Department of Computer Science, giving a brief introduction to Cloud under Software Engineering and welcomed the speaker.

TOPICS COVERED :

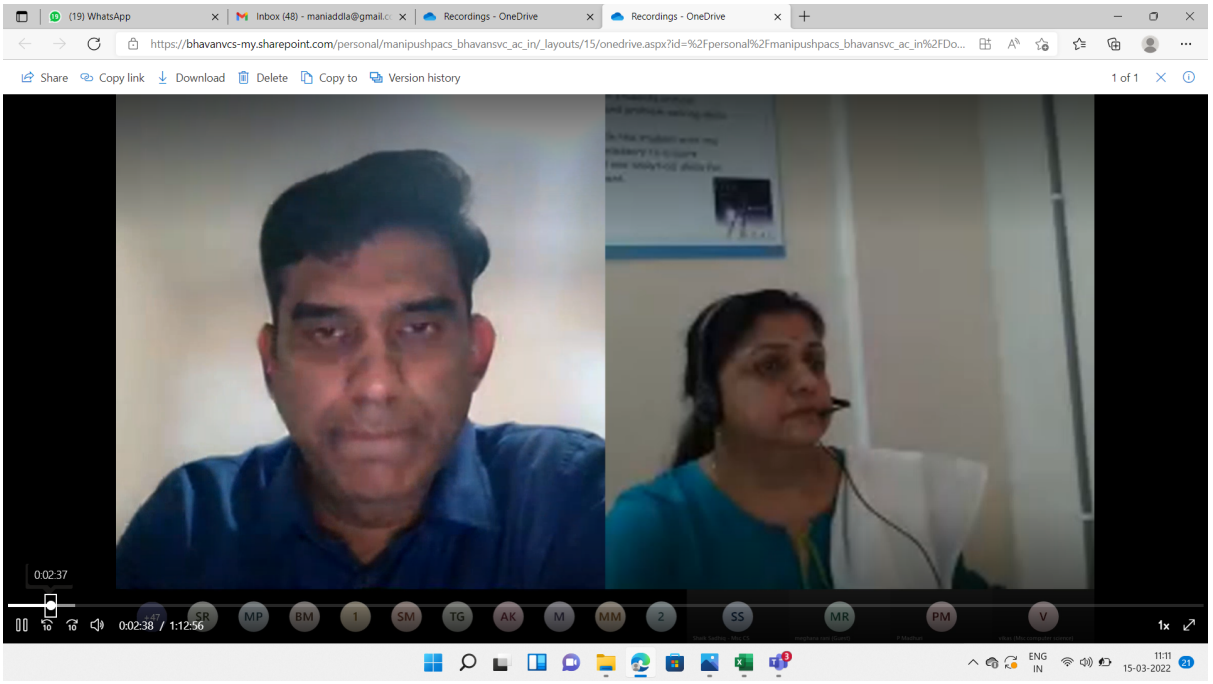
The speaker focussed mainly on

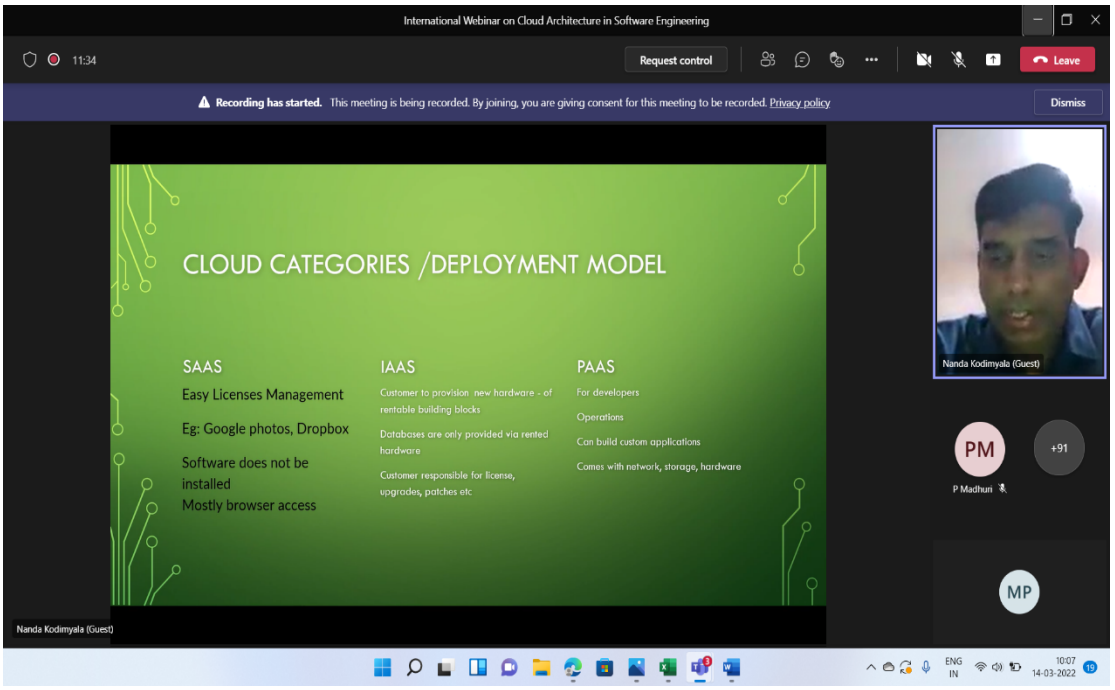
- What Cloud Architecture is?
- What is Cloud and its importance and characteristics.
- Cloud Categories and deployment model.
    - SAAS
    - IAAS
    - PAAS
- Explained differences between Windows Server platform and Windows Azure along with Real time scenarios.
- Detail explanation of Key Providers of Cloud, like Azure, Amazon (AWS), Google Cloud Provider (GCP), Oracle Cloud.
- Key factors of architecture like Availability, scalability, storage, virtual network, security were explained with flow diagrams, and by the giving real time scenarios of speakers work place, NCR corp, Atlanta.
- Creating a storage account was shown practically by Speaker.
- Questions were asked on the concerned topic by students and faculty and guest lecturer answered them all with patience.

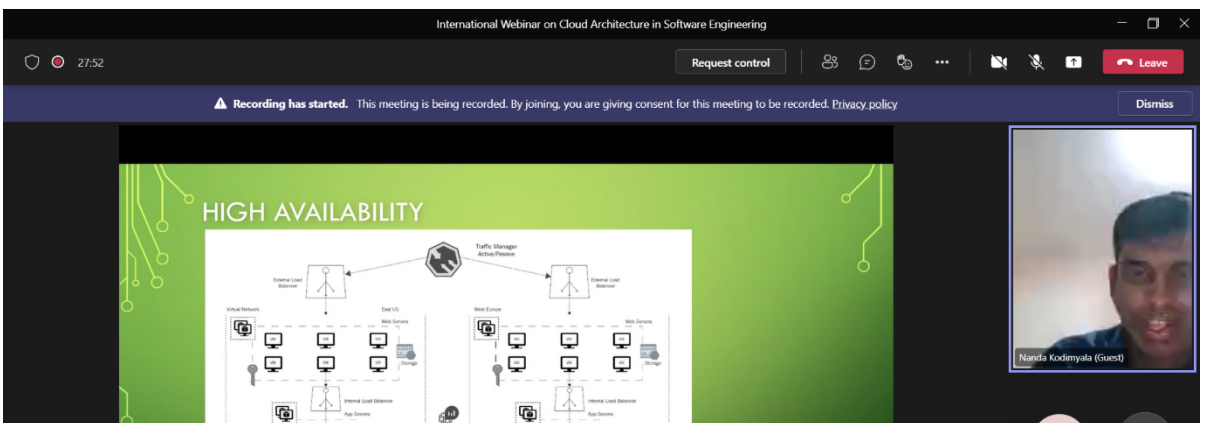
VOTE OF THANKS:

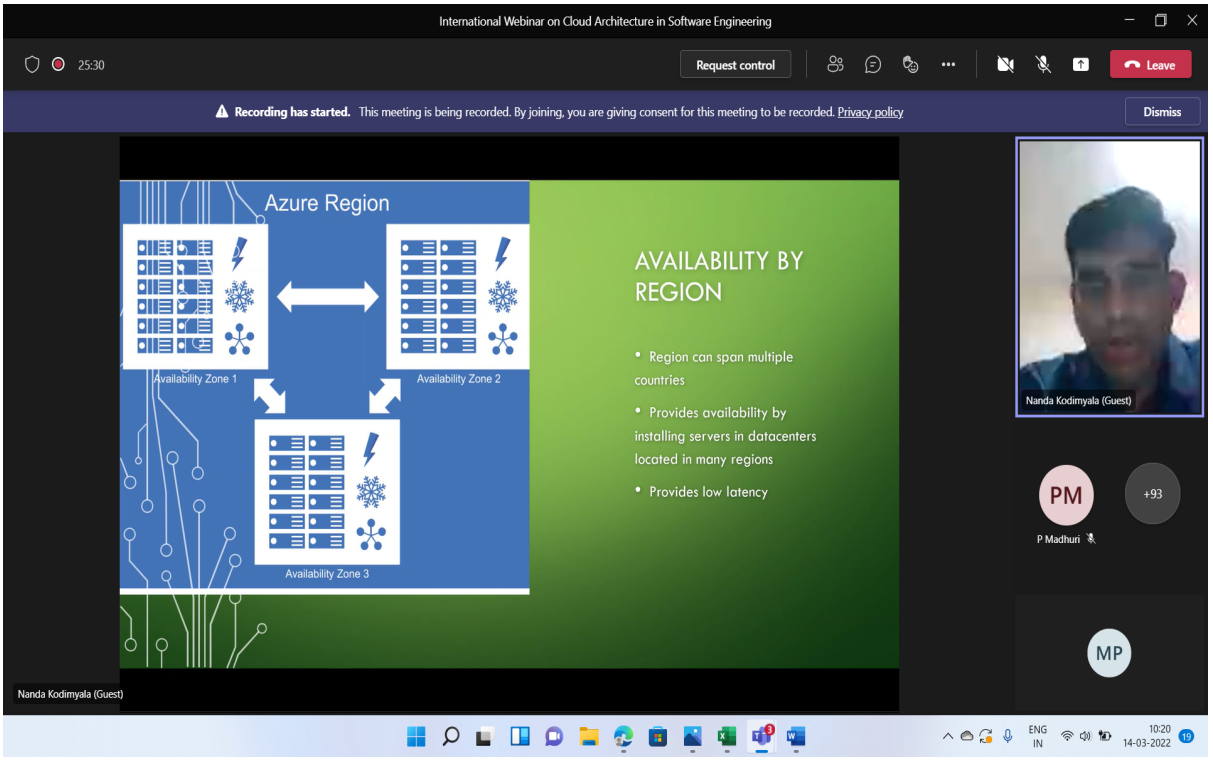
Vote of thanks was given by Mr. Bhaskar, Assistant Professor, Department of Computer Science. He thanked the speaker, Mr.Nanda Kodimyala, for sharing his knowledge on Cloud architecture in Software Engineering and helping students understand the real time scenarios through his current project. He specially thanked resource person for taking his time and effort out in conducting the webinar in spite of being from a different time zone.

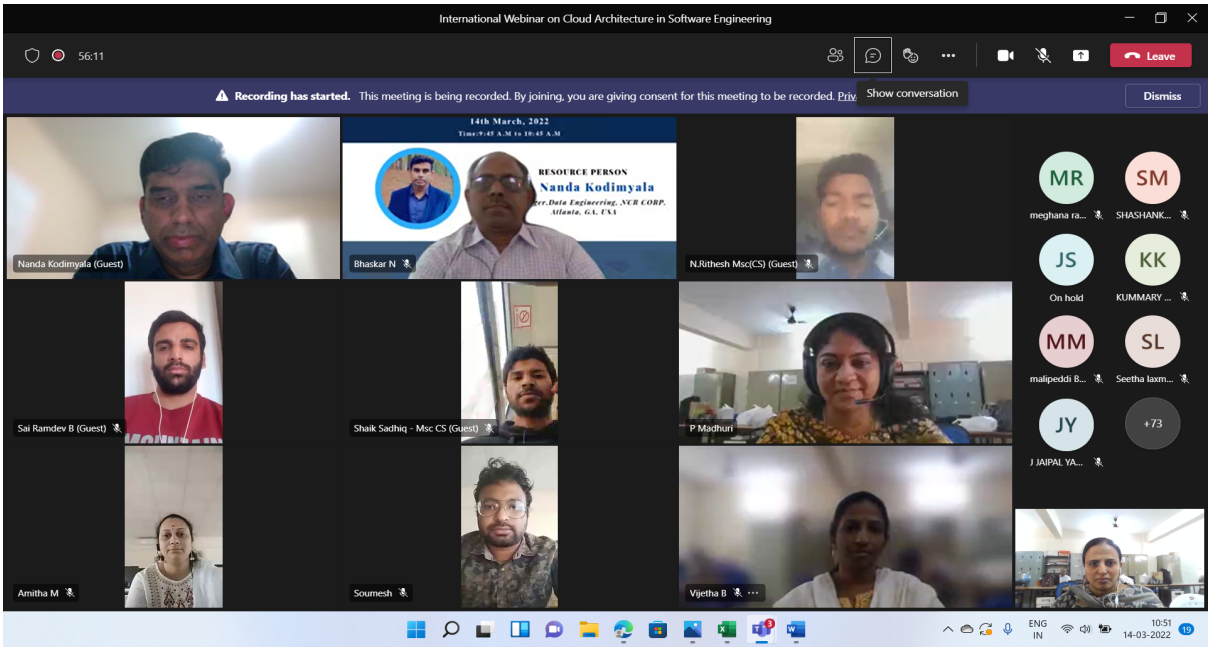
MEETING RECORDING :



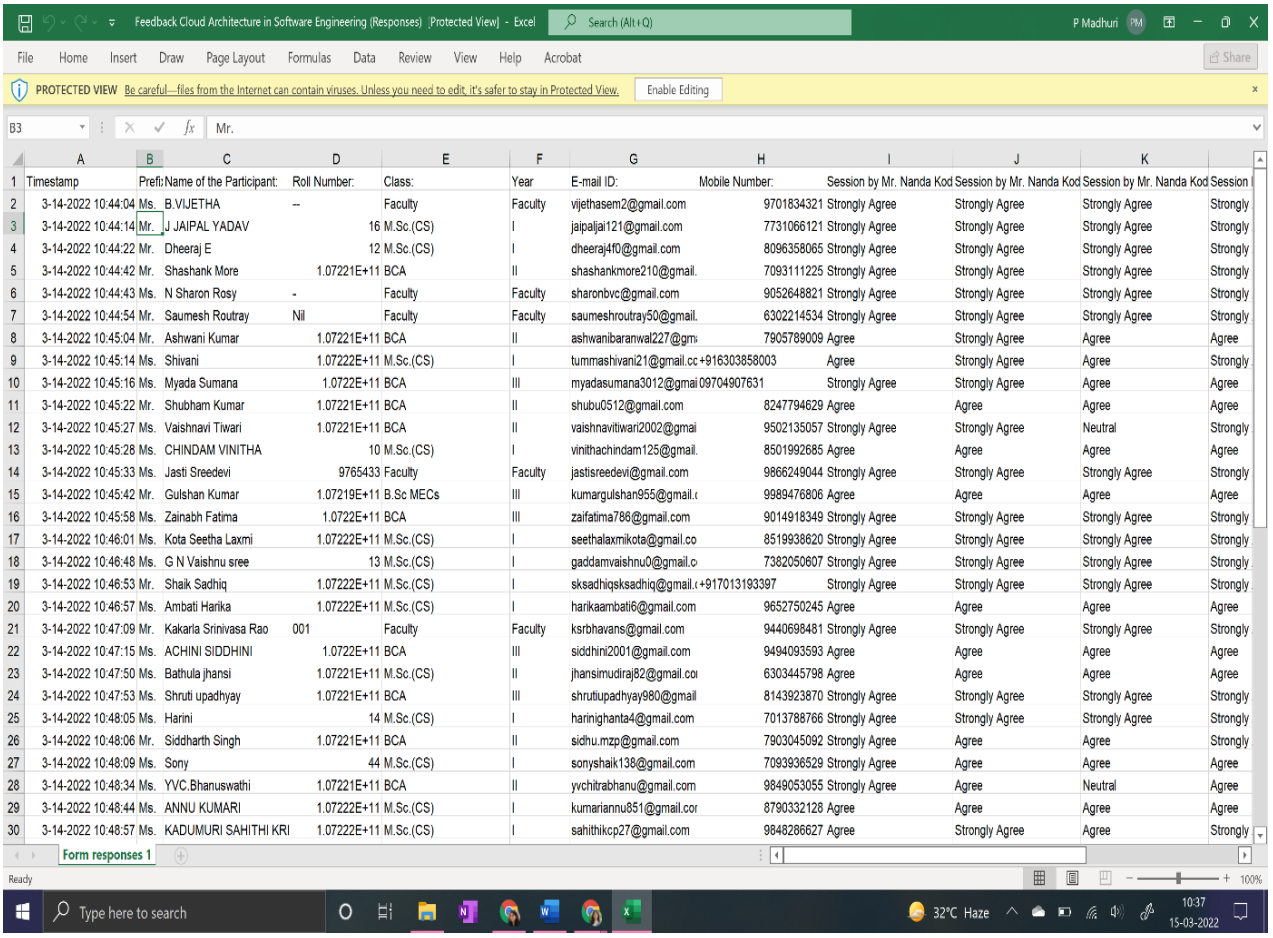








Feedback On Guest Lecture:



Feedback Cloud Architecture in Software Engineering (Responses) [Protected View] - Excel

PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing

B3: Mr.

	Timestamp	Prefi	Name of the Participant:	Roll Number:	Class:	Year	E-mail ID:	Mobile Number:	Session by Mr. Nanda Kod	Session by Mr. Nanda Kod	Session by Mr. Nanda Kod	Session
2	3-14-2022 10:44:04	Ms.	B.VIJETHA	--	Faculty	Faculty	vijethasem2@gmail.com	9701834321	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
3	3-14-2022 10:44:14	Mr.	J JAIPAL YADAV	16	M.Sc.(CS)	I	jaipaljai121@gmail.com	7731066121	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
4	3-14-2022 10:44:22	Mr.	Dheeraj E	12	M.Sc.(CS)	I	dheeraj4f0@gmail.com	8096358065	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
5	3-14-2022 10:44:42	Mr.	Shashank More	1.07221E+11	BCA	II	shashankmore210@gmail.	7093111225	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
6	3-14-2022 10:44:43	Ms.	N Sharon Rosy	-	Faculty	Faculty	sharonbvc@gmail.com	9052648821	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
7	3-14-2022 10:44:54	Mr.	Saumesh Routray	Nil	Faculty	Faculty	saumeshroutray50@gmail.	6302214534	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
8	3-14-2022 10:45:04	Mr.	Ashwani Kumar	1.07221E+11	BCA	II	ashwanibaranwal227@gm	7905789009	Agree	Strongly Agree	Agree	Agree
9	3-14-2022 10:45:14	Ms.	Shivani	1.07222E+11	M.Sc.(CS)	I	tummashivani21@gmail.cc	+916303858003	Agree	Strongly Agree	Agree	Strongly
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11	3-14-2022 10:45:22	Mr.	Shubham Kumar	1.07221E+11	BCA	II	shubu0512@gmail.com	8247794629	Agree	Agree	Agree	Agree
12	3-14-2022 10:45:27	Ms.	Vaishnavi Tiwari	1.07221E+11	BCA	II	vaishnavitiwari2002@gmai	9502135057	Strongly Agree	Strongly Agree	Neutral	Strongly
13	3-14-2022 10:45:28	Ms.	CHINDAM VINITHA	10	M.Sc.(CS)	I	vinithachindam125@gmail.	8501992685	Agree	Agree	Agree	Agree
14	3-14-2022 10:45:33	Ms.	Jasti Sreedevi	9765433	Faculty	Faculty	jastisreedevi@gmail.com	9866249044	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
15	3-14-2022 10:45:42	Mr.	Gulshan Kumar	1.07219E+11	B.Sc MECs	III	kumargulshan955@gmail.(	9989476806	Agree	Agree	Agree	Agree
16	3-14-2022 10:45:58	Ms.	Zainabh Fatima	1.0722E+11	BCA	III	zaifatima786@gmail.com	9014918349	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
17	3-14-2022 10:46:01	Ms.	Kota Seetha Laxmi	1.07222E+11	M.Sc.(CS)	I	seethalaxmikota@gmail.co	8519938620	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
18	3-14-2022 10:46:48	Ms.	G N Vaishnu sree	13	M.Sc.(CS)	I	gaddamvaishnu0@gmail.c	7382050607	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
19	3-14-2022 10:46:53	Mr.	Shaik Sadhiq	1.07222E+11	M.Sc.(CS)	I	sksadhiqsksadhiq@gmail.(	+917013193397	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
20	3-14-2022 10:46:57	Ms.	Ambati Harika	1.07222E+11	M.Sc.(CS)	I	harikaambati6@gmail.com	9652750245	Agree	Agree	Agree	Agree
21	3-14-2022 10:47:09	Mr.	Kakarla Srinivasa Rao	001	Faculty	Faculty	ksrbhavans@gmail.com	9440698481	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
22	3-14-2022 10:47:15	Ms.	ACHINI SIDDHINI	1.0722E+11	BCA	III	siddhini2001@gmail.com	9494093593	Agree	Agree	Agree	Agree
23	3-14-2022 10:47:50	Ms.	Bathula jhansi	1.07221E+11	M.Sc.(CS)	II	jhansimudiraj82@gmail.co	6303445798	Agree	Agree	Agree	Agree
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25	3-14-2022 10:48:05	Ms.	Harini	14	M.Sc.(CS)	I	harinighanta4@gmail.com	7013788766	Strongly Agree	Strongly Agree	Strongly Agree	Strongly
26	3-14-2022 10:48:06	Mr.	Siddharth Singh	1.07221E+11	BCA	II	sidhu.mzp@gmail.com	7903045092	Strongly Agree	Agree	Agree	Strongly
27	3-14-2022 10:48:09	Ms.	Sony	44	M.Sc.(CS)	I	sonyshaik138@gmail.com	7093936529	Strongly Agree	Agree	Agree	Agree
28	3-14-2022 10:48:34	Ms.	YVC.Bhanuswathi	1.07221E+11	BCA	II	yvchitrabhanu@gmail.com	9849053055	Strongly Agree	Agree	Neutral	Agree
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30	3-14-2022 10:48:57	Ms.	KADUMURI SAHITHI KRI	1.07222E+11	M.Sc.(CS)	I	sahithikcp27@gmail.com	9848286627	Agree	Strongly Agree	Agree	Strongly

Form responses 1

Ready

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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

REPORT ON NATIONAL SCIENCE DAY- 2022

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	B.Sc. HDS	II/IV th SEM	Integration of science and technology for Sustainable future
	107220546044	Shubham Singh	B.Sc. HDS	II/IV th SEM	Integration of science and technology for Sustainable future
	107220546008	Attem Akhila Mudiraj	B.Sc. HDS	II/IV 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

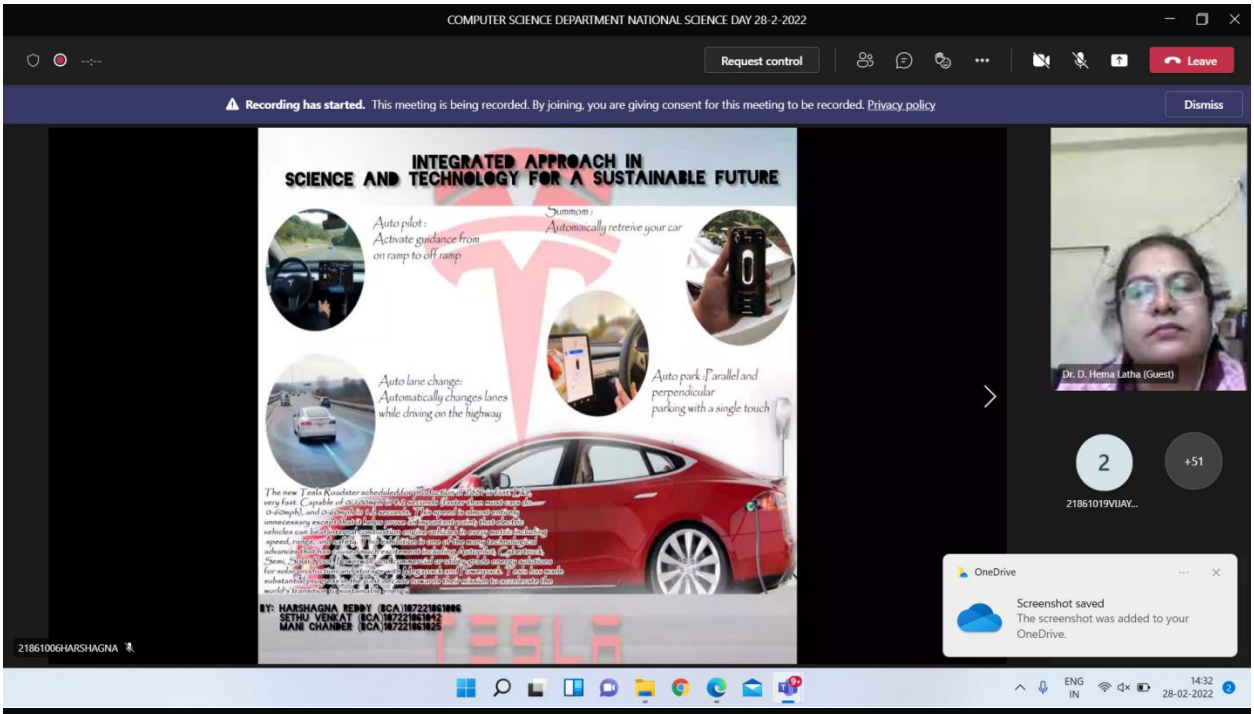
Team	Roll No	Student Name	Class	Year/Sem	Topic
TEAM-12	107221504042	SANKOJI SRAVYA RANI	MSC(COMPUTER SCIENCE)	I/I	ARTIFICIAL INTELLIGENCE
	107221504010	CHINDAM VINITHA	MSC(COMPUTER SCIENCE)	I/I	
	107221504009	CHINDAM RAJASRI	MSC(COMPUTER SCIENCE)	I/I	

Second

Team	Roll No	Student Name	Class	Year/Sem	Topic
TEAM-7	107220504011	DALIPARTHI SARADA DEVI	MSC COMPUTER SCIENCE	I/I	BLOCKCHAIN
	107221504022	KADUMURI 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.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INTEGRATED APPROACH IN SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE FUTURE
Auto pilot : Activate guidance from on ramp to off ramp
Summon : Automatically retreive your car
Auto lane change: Automatically changes lanes while driving on the highway
Auto park Parallel and perpendicular parking with a single touch
BY: HARSHAGNA REDDY (RCA)
SETHU VENKAT (RCA)
MANI CHANDER (RCA)
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Dr. D. Hema Latha (Guest)
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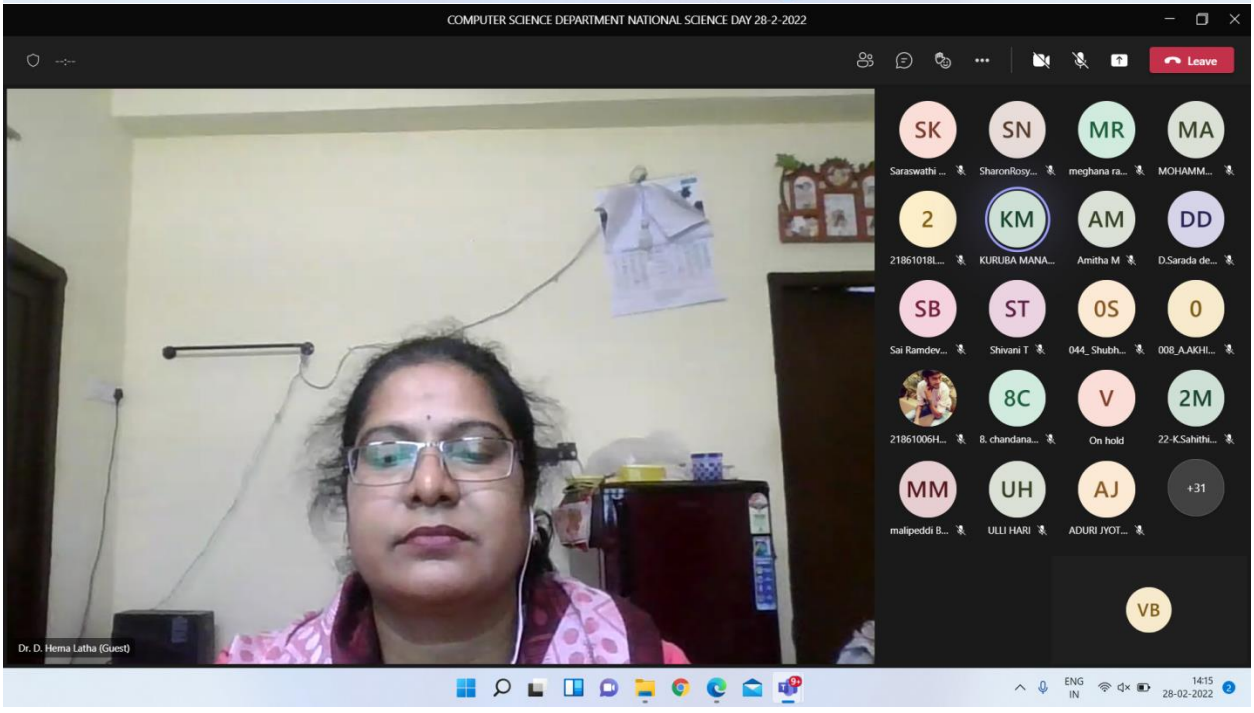
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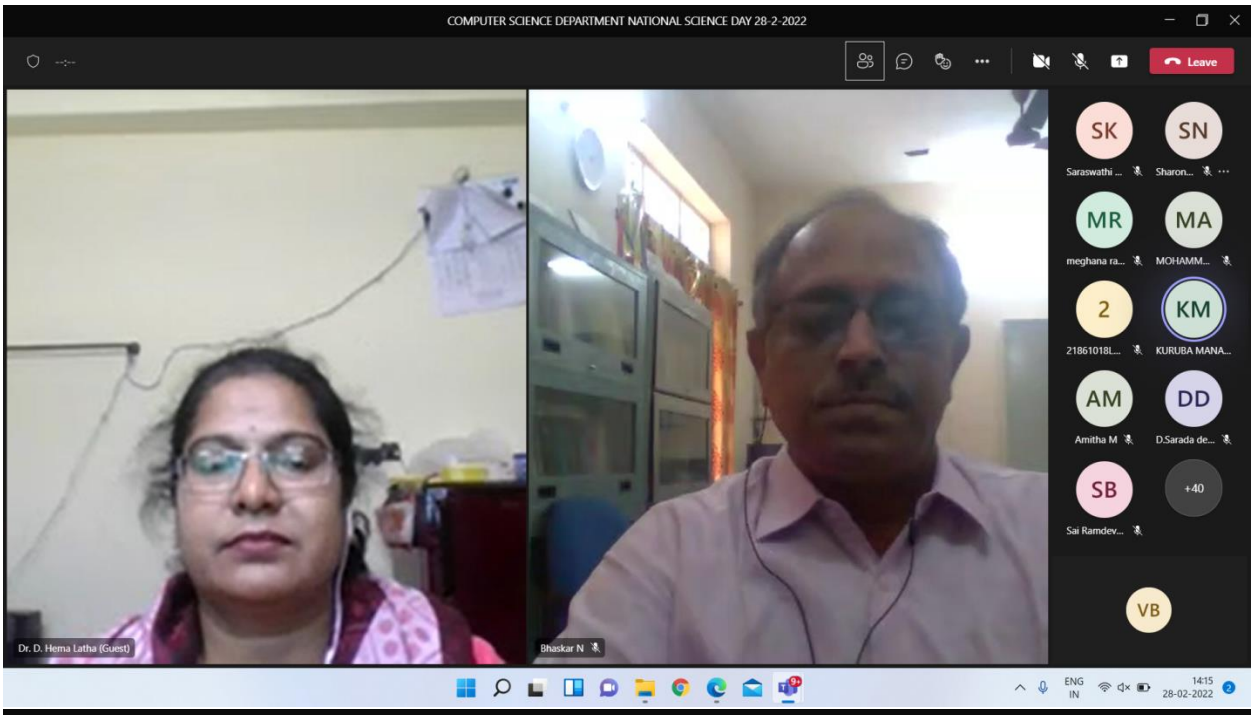
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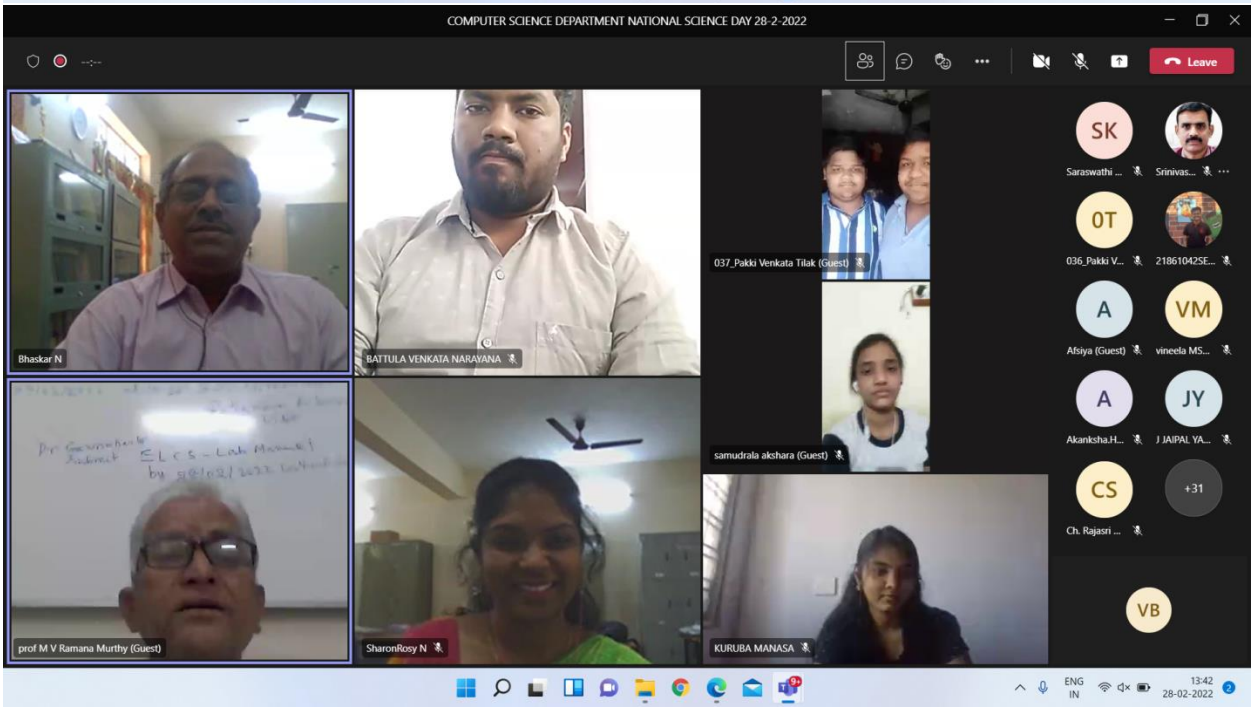
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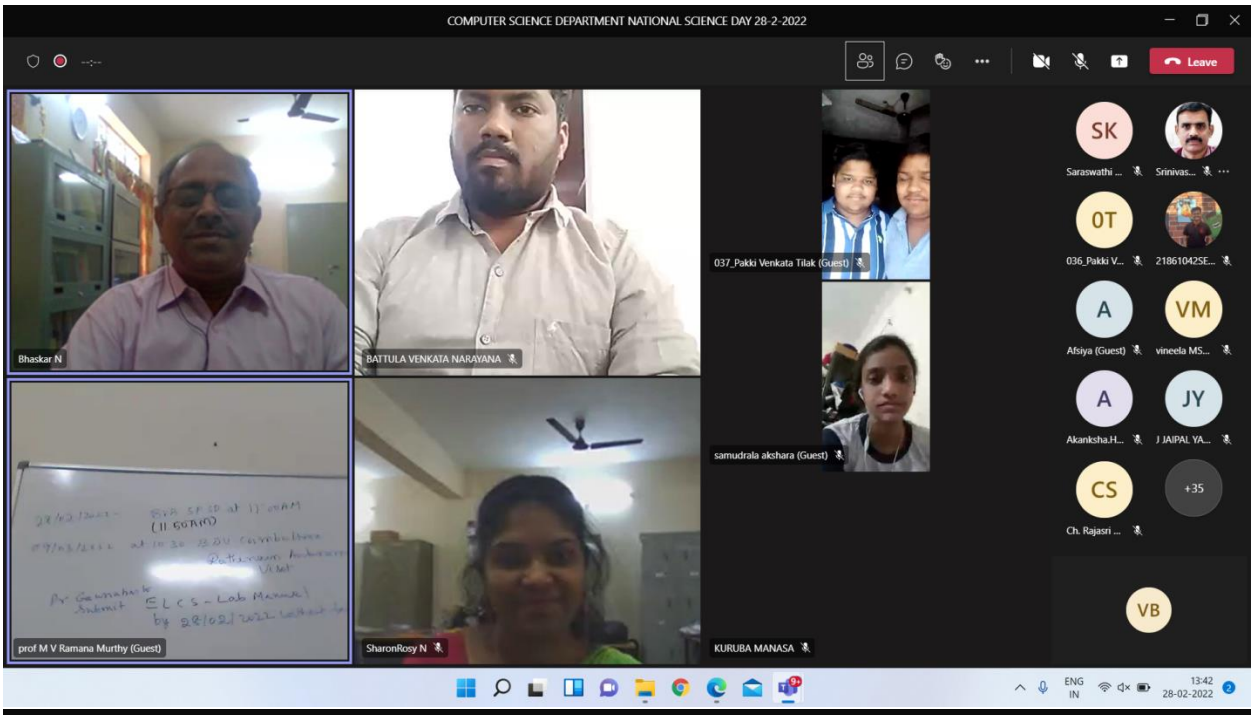
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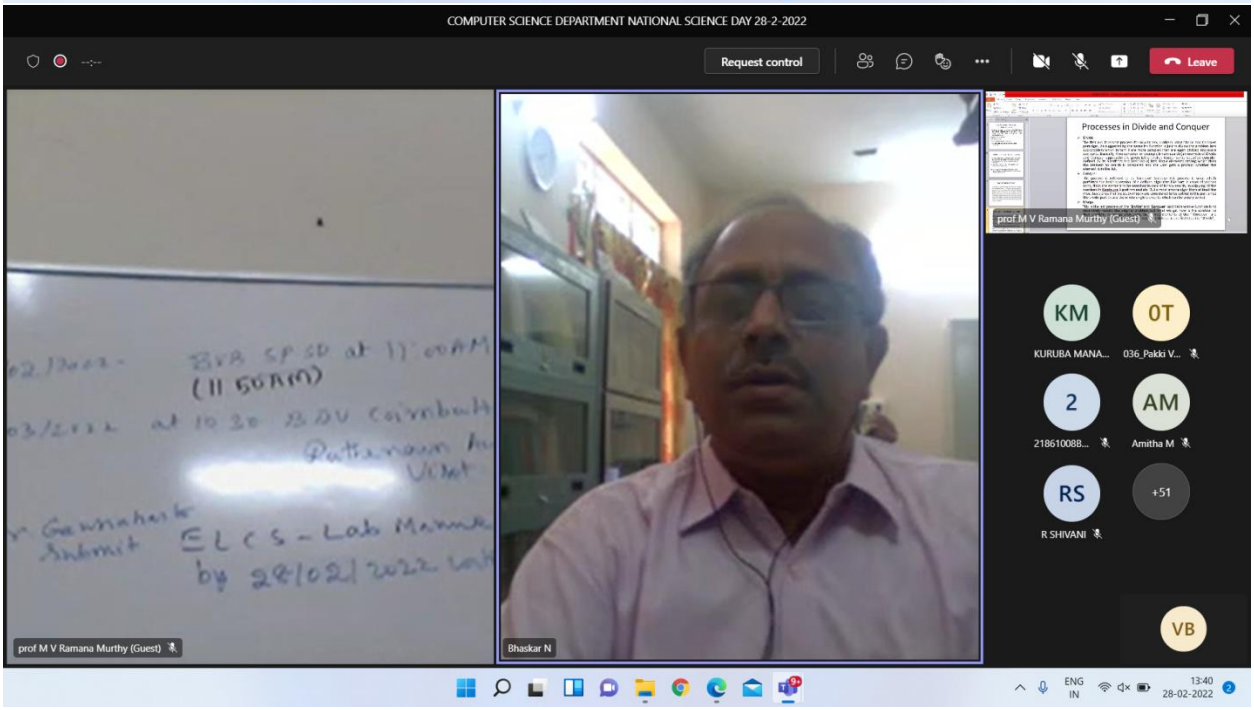
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Processes in Divide and Conquer
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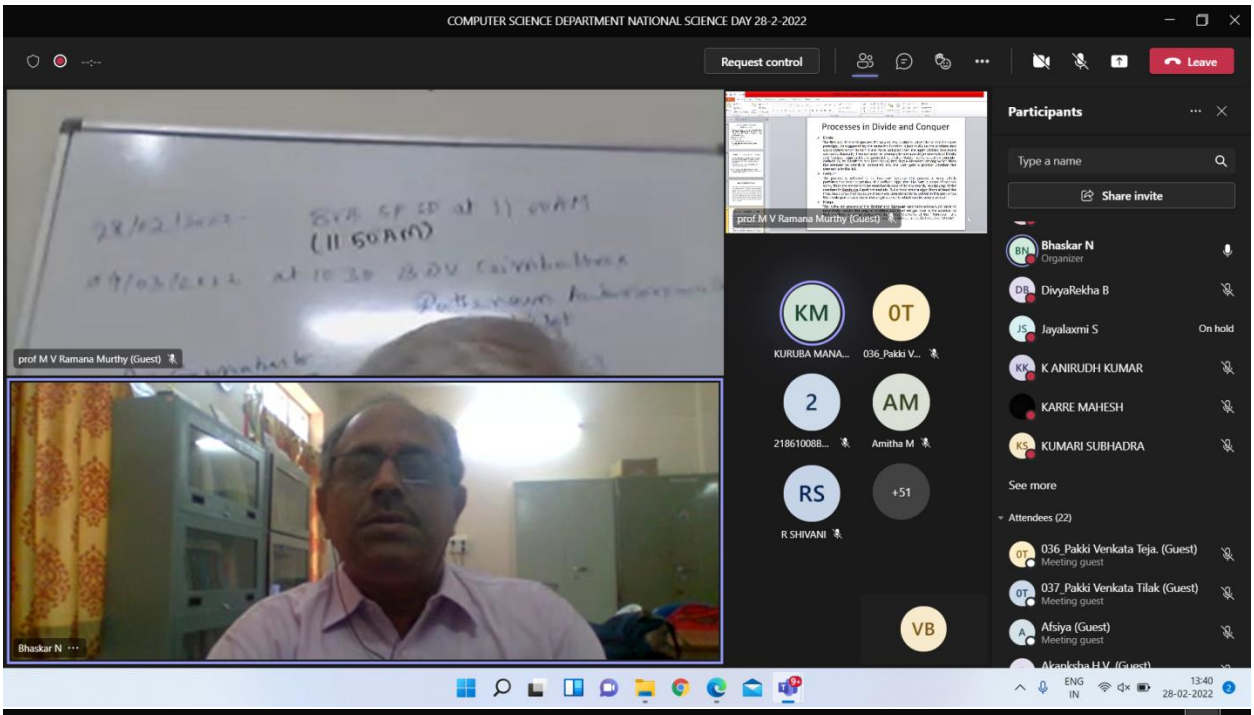
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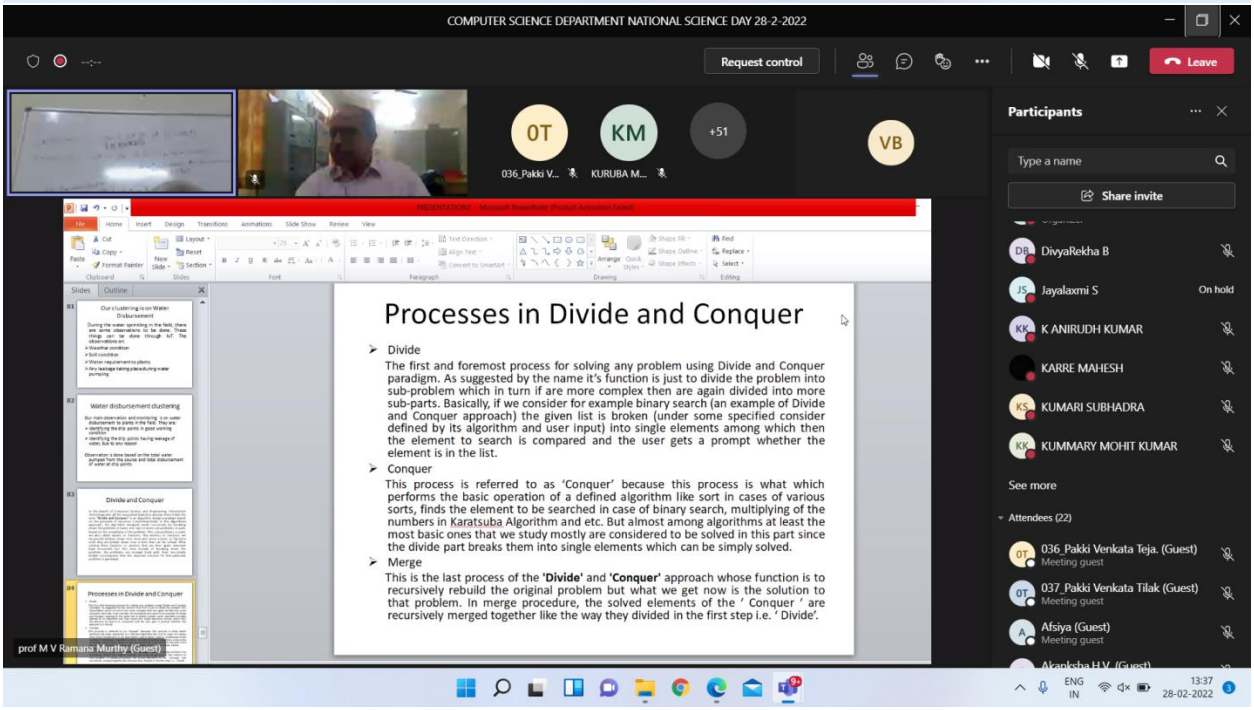
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Processes in Divide and Conquer
Divide
The first and foremost process for solving any problem using Divide and Conquer paradigm. As suggested by the name it's function is just to divide the problem into sub-problem which in turn if are more complex then are again divided into more sub-parts. Basically, if we consider for example binary search (an example of Divide and Conquer approach) the given list is broken (under some specified consider defined by its algorithm and user input) into single elements among which then the element to search is compared and the user gets a prompt whether the element is in the list.
Conquer
This process is referred to as 'Conquer' because this process is what which performs the basic operation of a defined algorithm like sort in cases of various sorts, finds the element to be searched in case of binary search, multiplying of the numbers in Karatsuba Algorithm and etc. But almost among algorithms at least the most basic ones that we study mostly are considered to be solved in this part since the divide part breaks them into single elements which can be simply solved.
Merge
This is the last process of the 'Divide' and 'Conquer' approach whose function is to recursively rebuild the original problem but what we get now is the solution to that problem. In merge procedure, the solved elements of the ' Conquer ' are recursively merged together like the way they divided in the first step i.e. ' Divide'.
prof M V Ramana Murthy (Guest)
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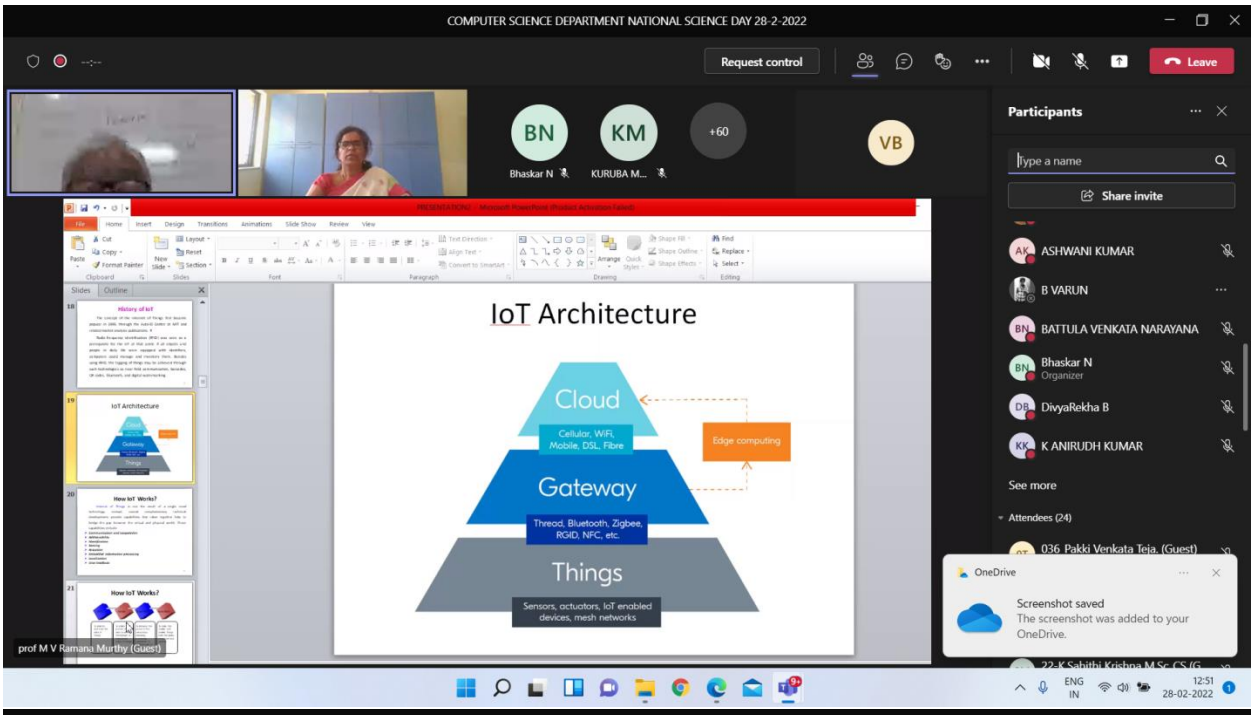
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IoT Architecture
Cloud
Cellular, WiFi, Mobile, DSL, Fibre
Edge computing
Gateway
Thread, Bluetooth, Zigbee, RGID, NFC, etc.
Things
Sensors, actuators, IoT enabled devices, mesh networks
prof M V Ramana Murthy (Guest)
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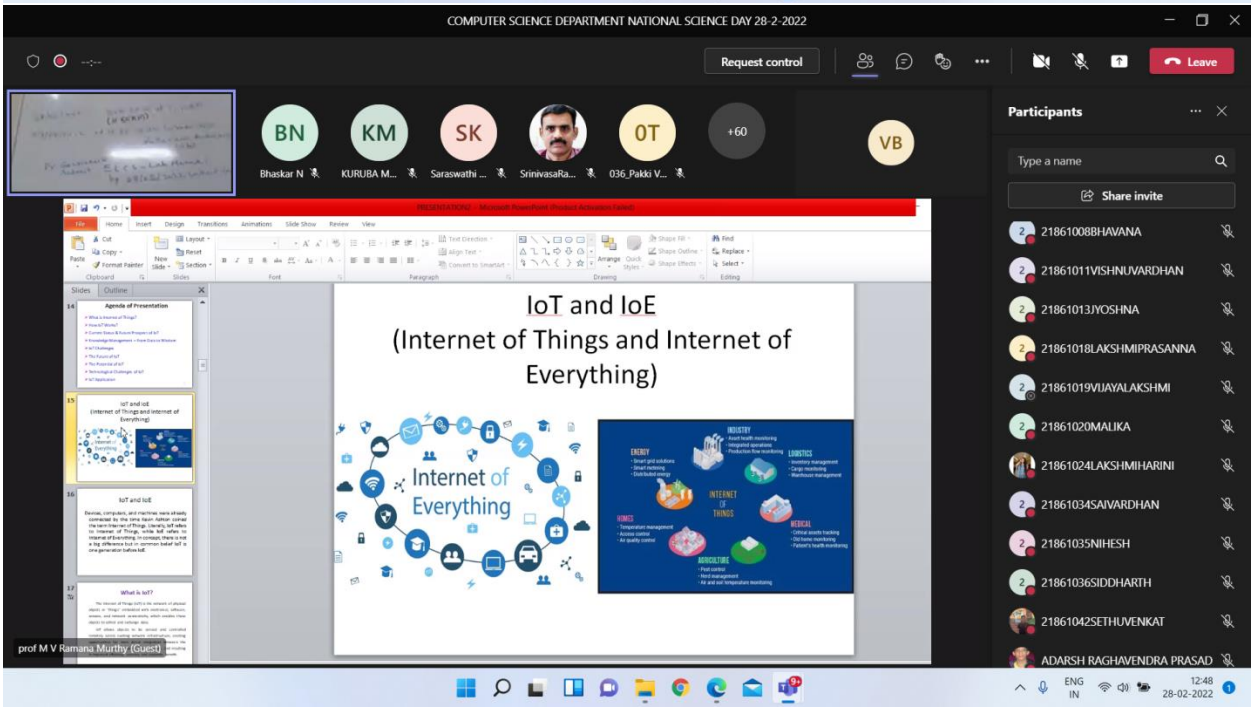
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21861035NIHESH
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ADARSH RAGHAVENDRA PRASAD
IoT and IoE
(Internet of Things and Internet of Everything)
Internet of Everything
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prof M V Ramana Murthy (Guest)
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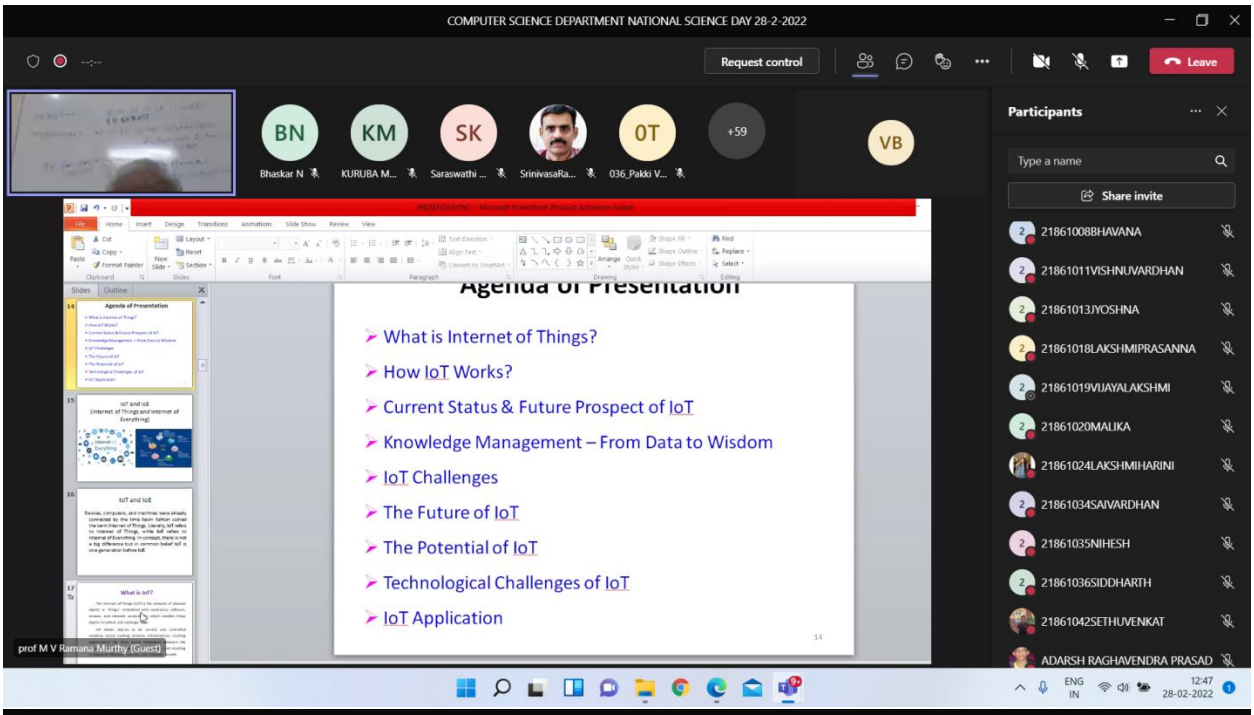
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21861036SIDDHARTH
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ADARSH RAGHAVENDRA PRASAD
Agenda of Presentation
What is Internet of Things?
How IoT Works?
Current Status & Future Prospect of IoT
Knowledge Management – From Data to Wisdom
IoT Challenges
The Future of IoT
The Potential of IoT
Technological Challenges of IoT
IoT Application
prof M V Ramana Murthy (Guest)
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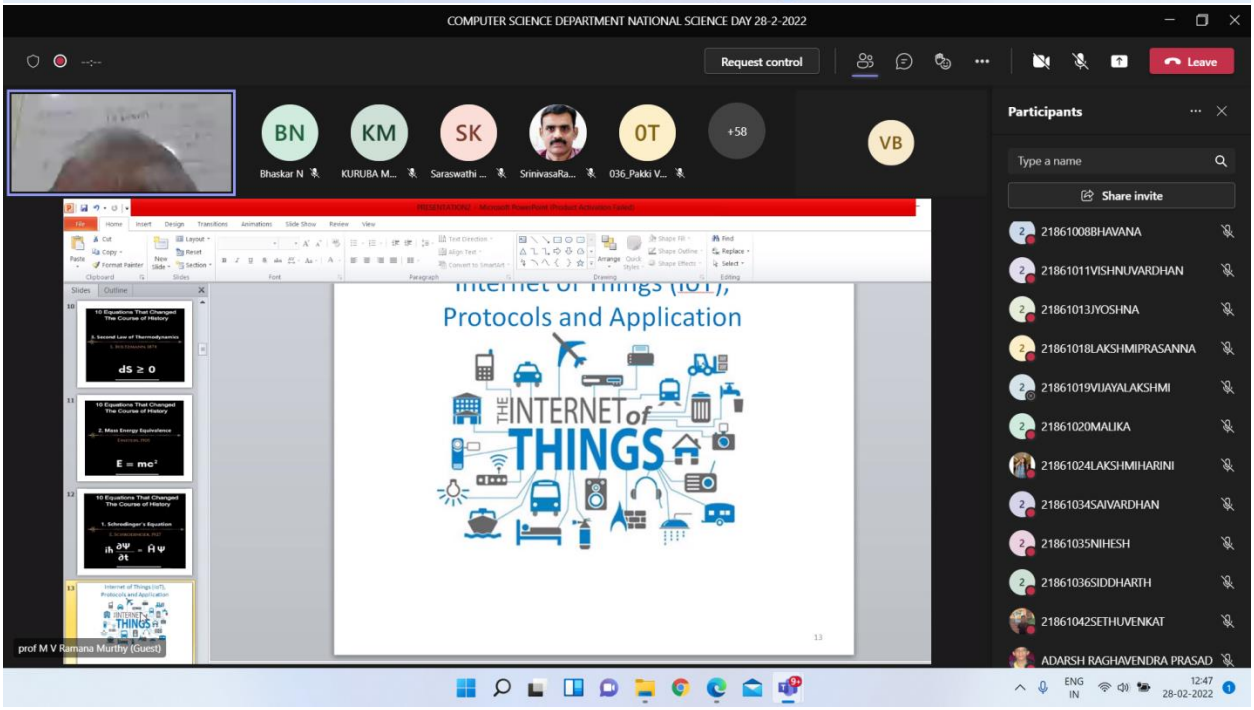
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ADARSH RAGHAVENDRA PRASAD
Protocols and Application
THE INTERNET of THINGS
prof M V Ramana Murthy (Guest)
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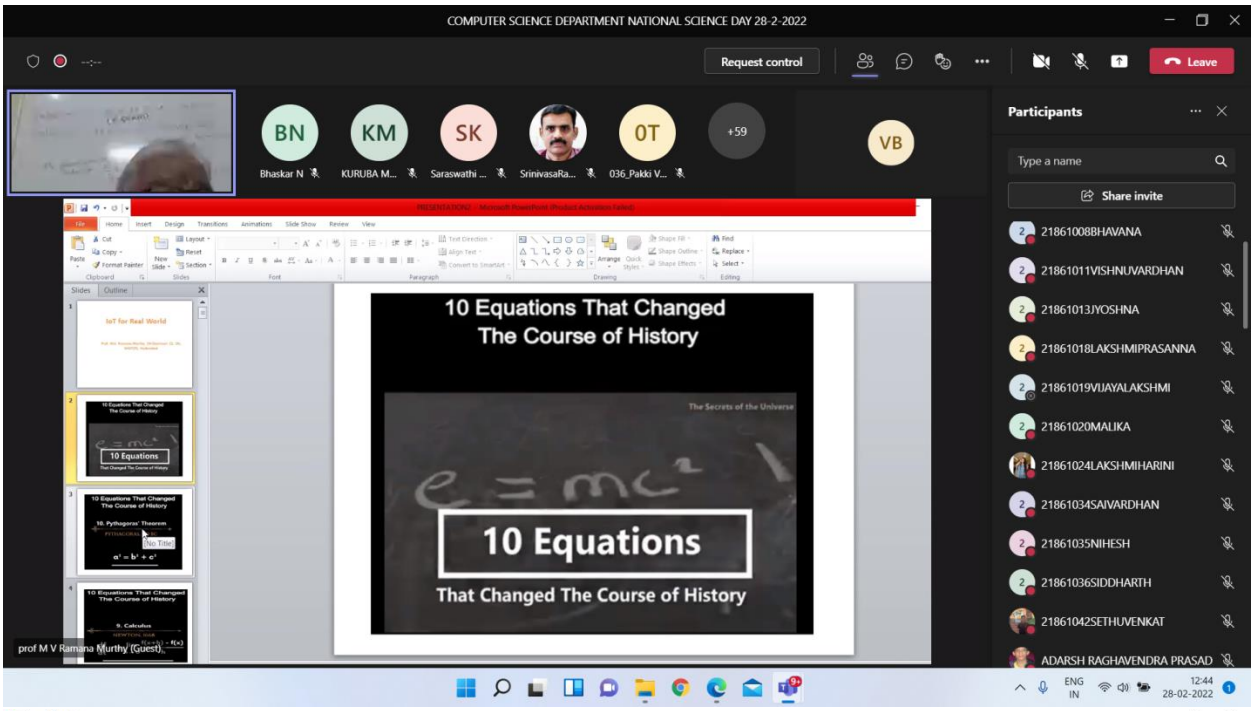
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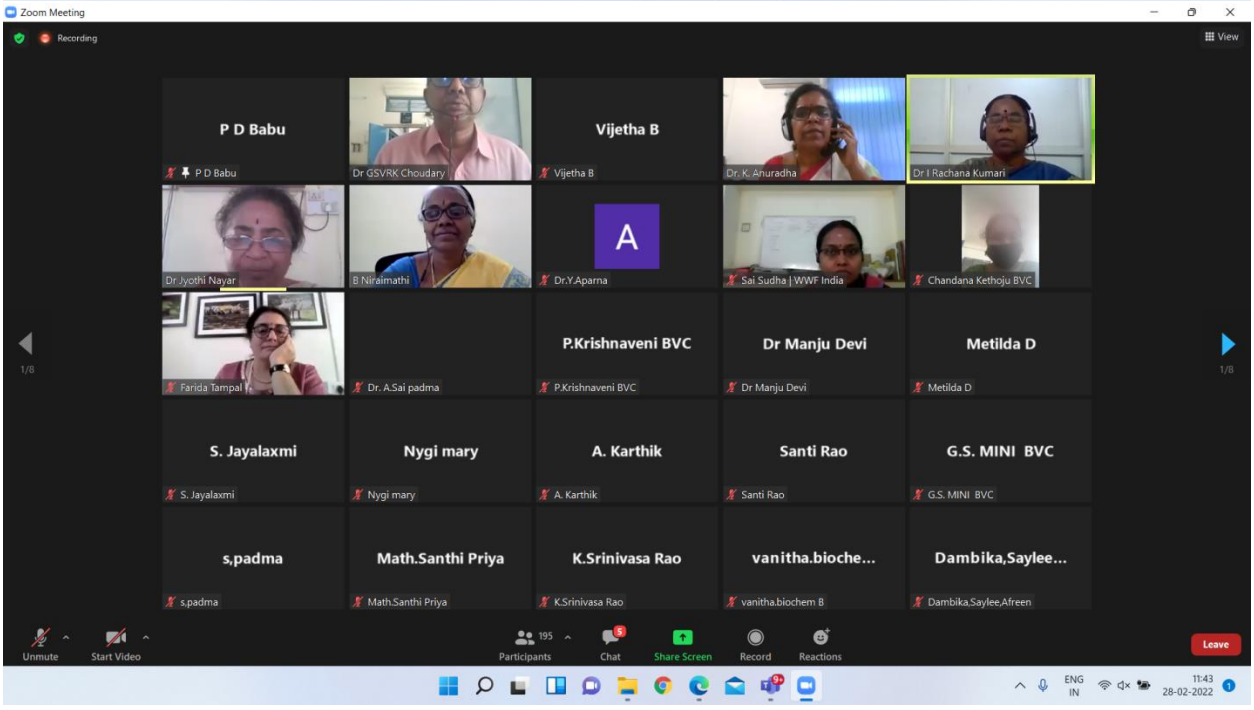
10 Equations That Changed The Course of History
10 Equations
That Changed The Course of History
prof M V Ramana Murthy (Guest)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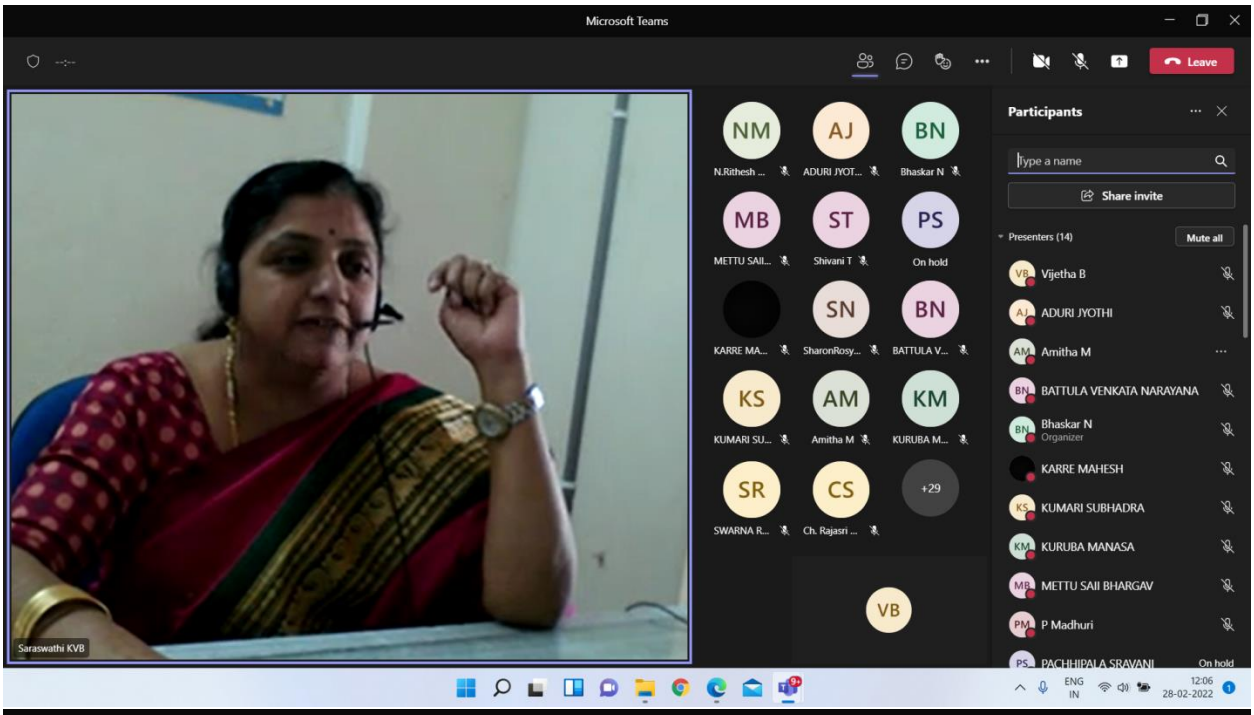
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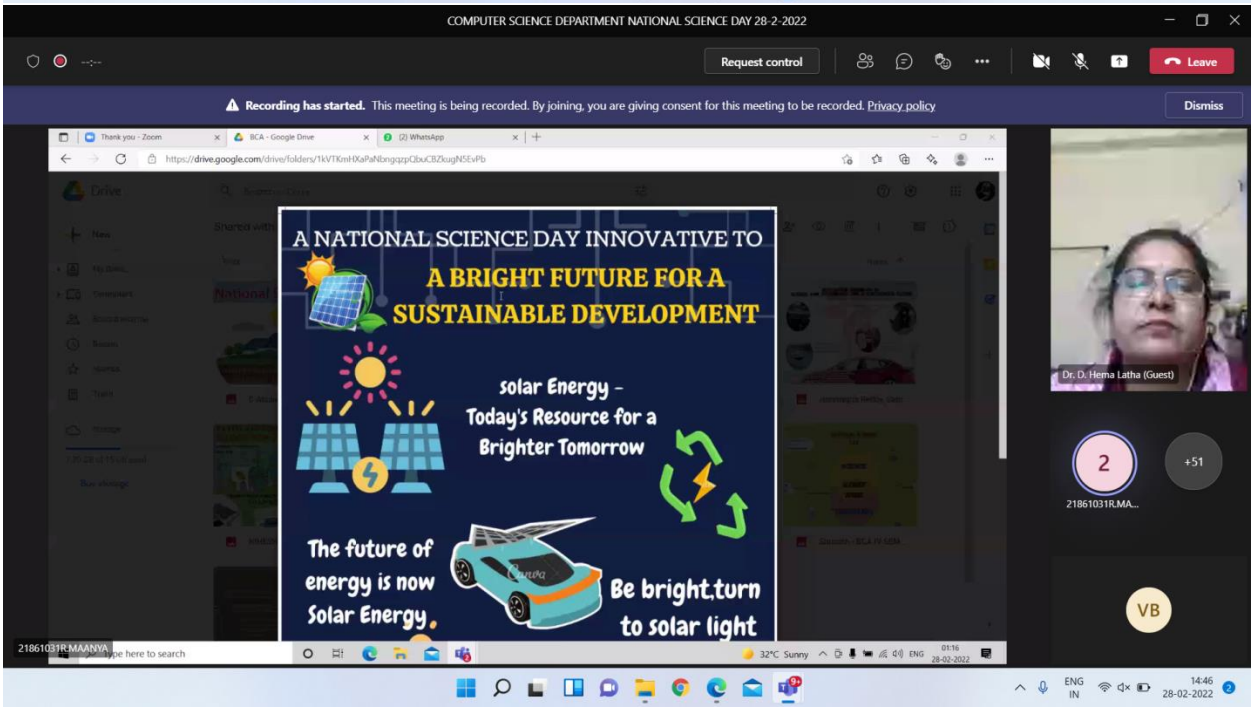
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A BRIGHT FUTURE FOR A SUSTAINABLE DEVELOPMENT
solar Energy – Today's Resource for a Brighter Tomorrow
The future of energy is now Solar Energy.
Be bright,turn to solar light
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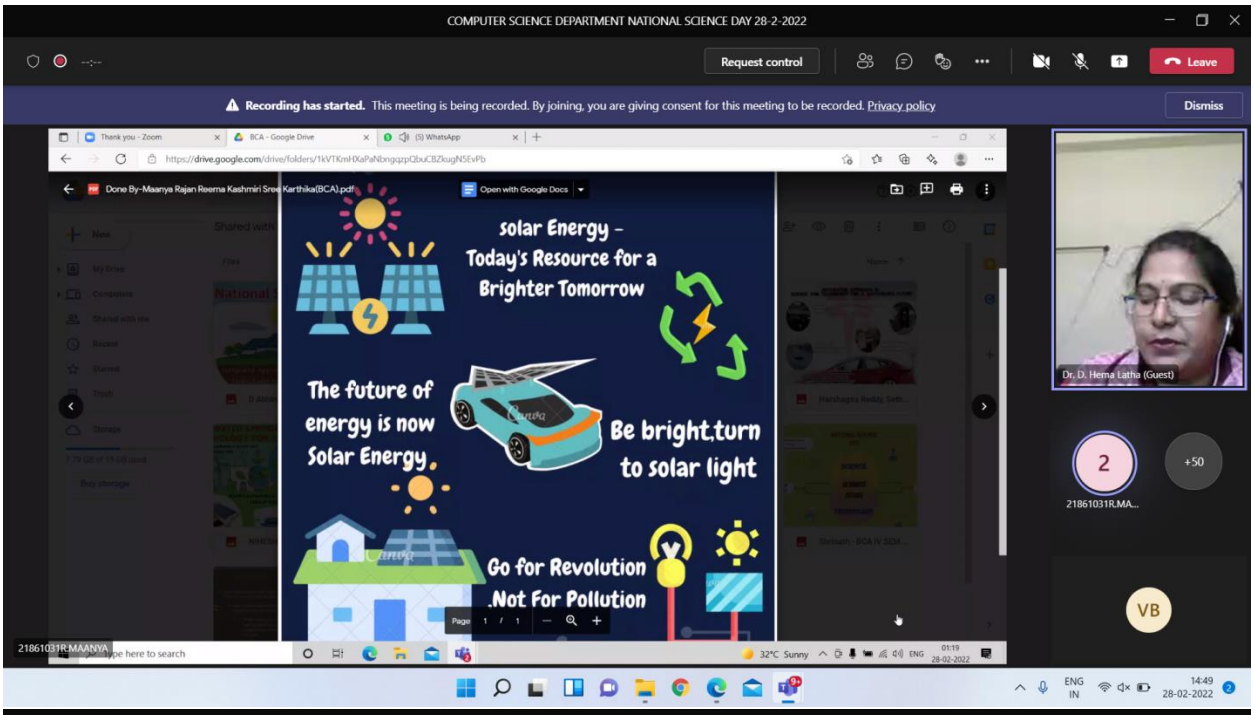
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The future of energy is now Solar Energy.
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Go for Revolution .Not For Pollution
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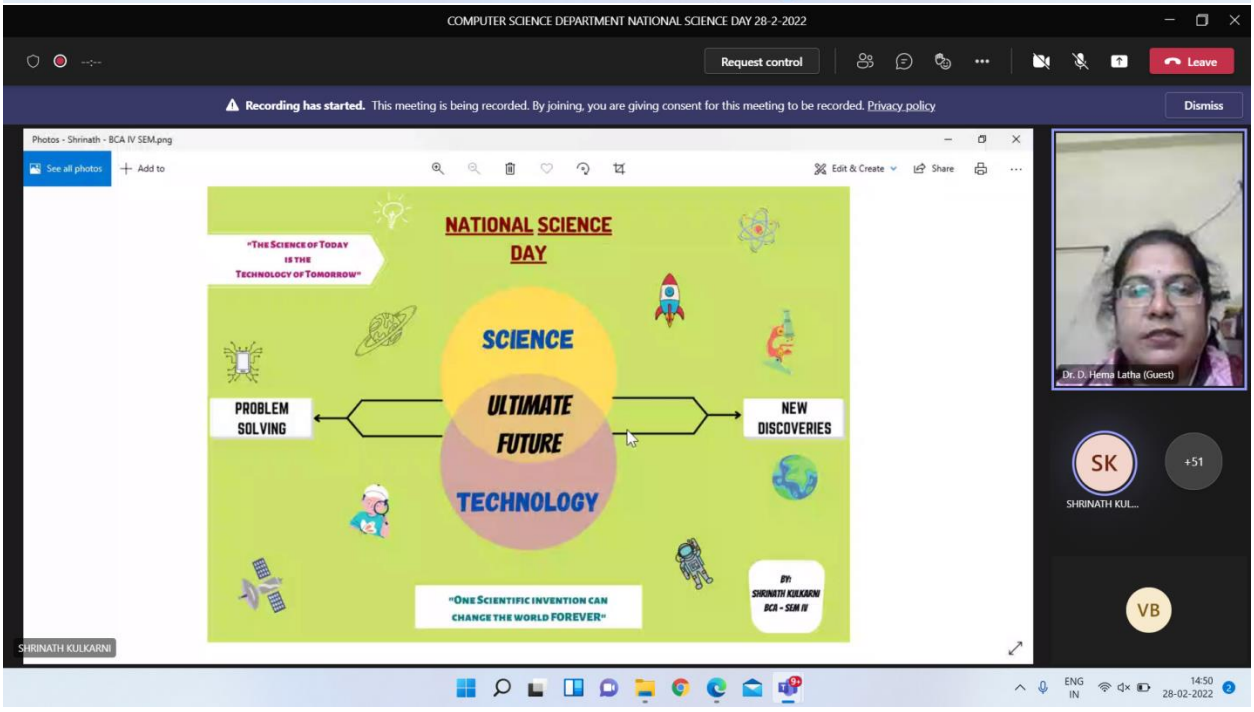
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SCIENCE
ULTIMATE FUTURE
TECHNOLOGY
PROBLEM SOLVING
NEW DISCOVERIES
"ONE SCIENTIFIC INVENTION CAN CHANGE THE WORLD FOREVER"
BY: SHRINATH KULKARNI BCA - SEM III
Dr. D. Hema Latha (Guest)
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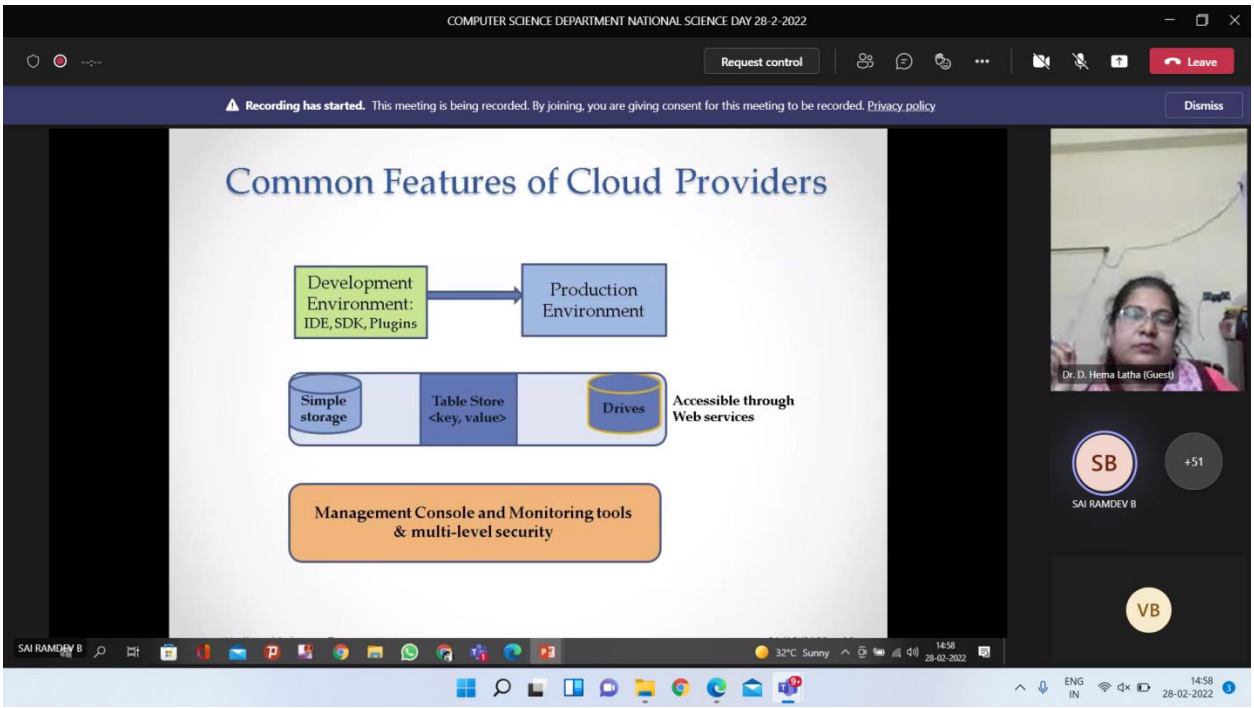
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Common Features of Cloud Providers
Development Environment: IDE, SDK, Plugins
Production Environment
Simple storage
Table Store <key, value>
Drives
Accessible through Web services
Management Console and Monitoring tools & multi-level security
Dr. D. Hema Latha (Guest)
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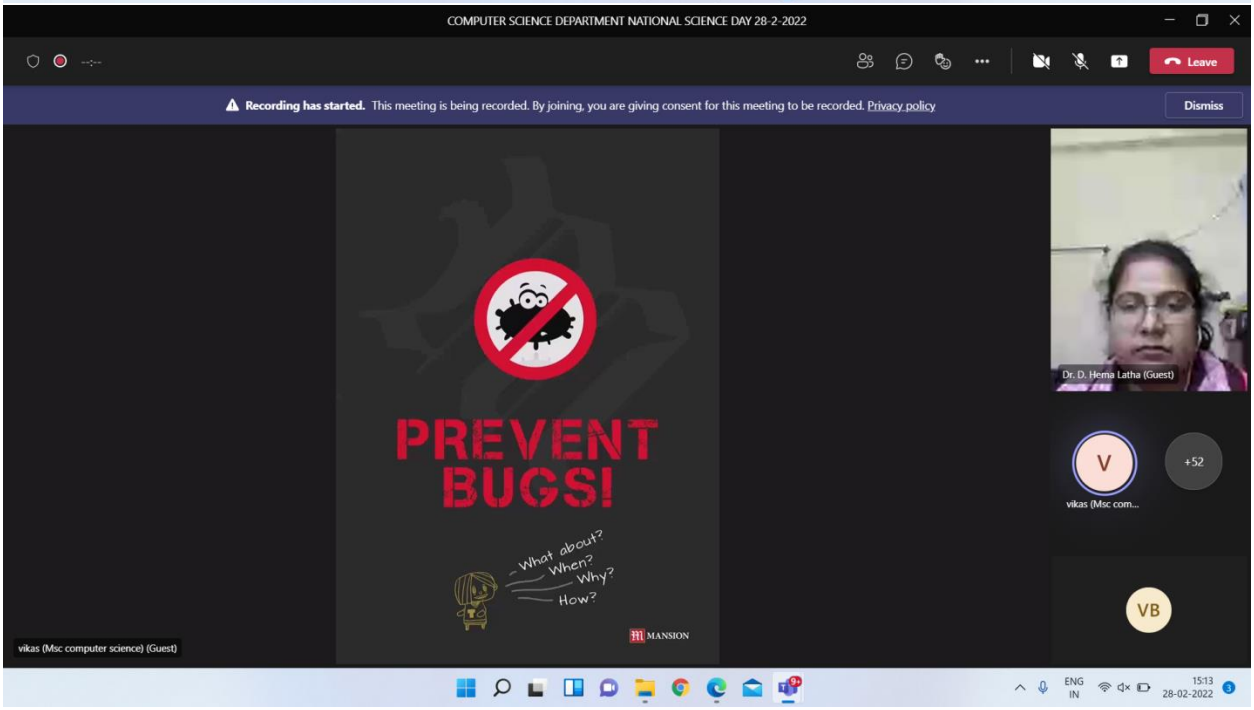
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REPORT

INTERNATIONAL WEBINAR ON AGILE DEVELOPMENT

Date: 21st February 2022

Timings: 9:45am – 11:00 am

Venue: ONLINE(Microsoft Teams)

VIP's: Mrs. K V B Saraswathi , Head of the Department of Computer Science

Speaker: Mr. Varun Pulimati

(Sr. Full Stack BI Developer, Cognisoft Tech, LLC, New Jersey)

A Guest Lecture along with Hands-on session, on Agile Development, was organised by Department of Computer Science from 9:30am to 11:00am on 21st Feb, 2022. Around **60** students and faculty of Computer Science Department attended the session. The session was started by Mrs. Saraswathi, Head, Department of Computer Science, she gave a brief introduction to Agile Development under Software Engineering and welcomed the speaker.

TOPICS COVERED :

The speaker focussed majorly on what is Agile, along with briefing about the differences between

1.Waterfall Model and Agile Development: Waterfall methodology predates agile by almost 30 years as it was one of the prominent methodologies used for project management in the 70's and it followed a linear structure that required working in phases with lots of preplanning and well-defined steps. Agile uses short bursts of design – development-test-deploy that is adaptable to changing situations. The principle is to incrementally and iteratively create products. The flexibility stemming from this approach allows teams to develop projects faster and more in line with customers' changing expectations.

2.Agility and the Cost of Change: A well-designed agile process "flattens" the cost of change curve , allowing a software team to accommodate changes late in a software project without dramatic cost and time impact. ... (Design and Construction activities are interleaved) , Delivers multiple 'software increments'!

3. Involvement in Team Planning : Mr. Varun explained the team structure and team planning. The five levels of team planning in agile were discussed, i.e. product vision, product roadmap, release plan, sprint plan, and daily commitment

4.Tool set for the Agile Process : Various tool set for agile process were discussed, like Agile Manager will push stories and tasks directly to these tools so developers can keep track directly from their favorite IDE.

Active Collab. ...

JIRA Agile. ...

Agile Bench. ...

Pivotal Tracker. ...

Telerik TeamPulse. ...

VersionOne. ...

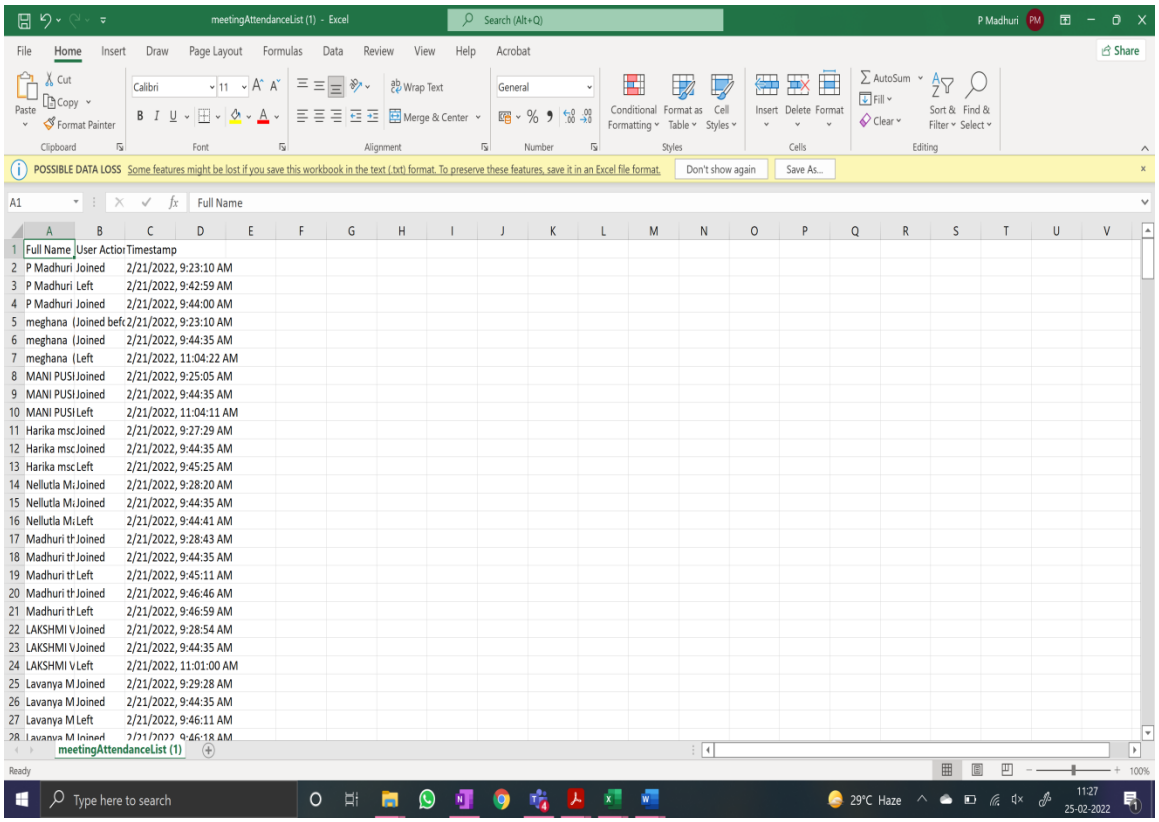
Planbox. ...

LeanKit.

5. Agile in Real time Projects: Mr Varun also spoke about his current project at **Cognisoft technologies,** and the agile process they are following to development of the project, that helped the students understand the real time implementation and importance of Agile.

VOTE OF THANKS:

Vote of thanks was given by Mr. Bhaskar, Assistant Professor, Department of Computer Science. He thanked the speaker, Mr. Varun Pulimati, for sharing his knowledge on Agile Development and helping students understand the real time scenarios through his current project. He specially thanked resource person for taking his time and effort out in conducting the webinar in spite of being from a different time zone.



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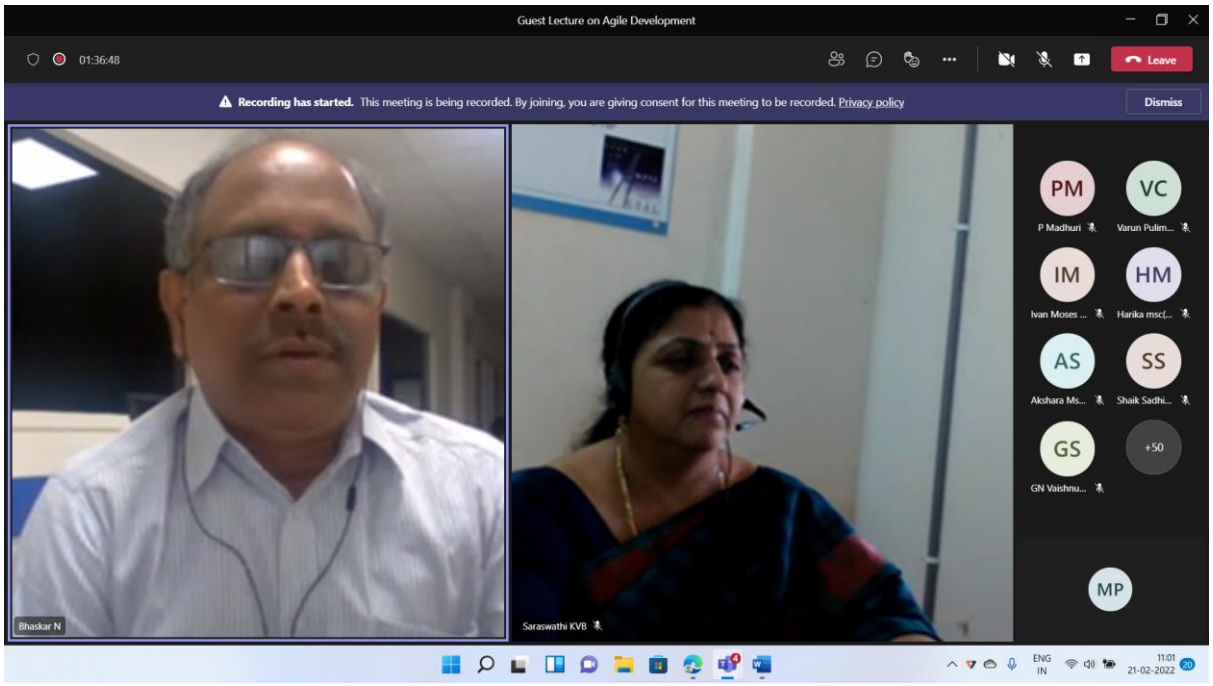

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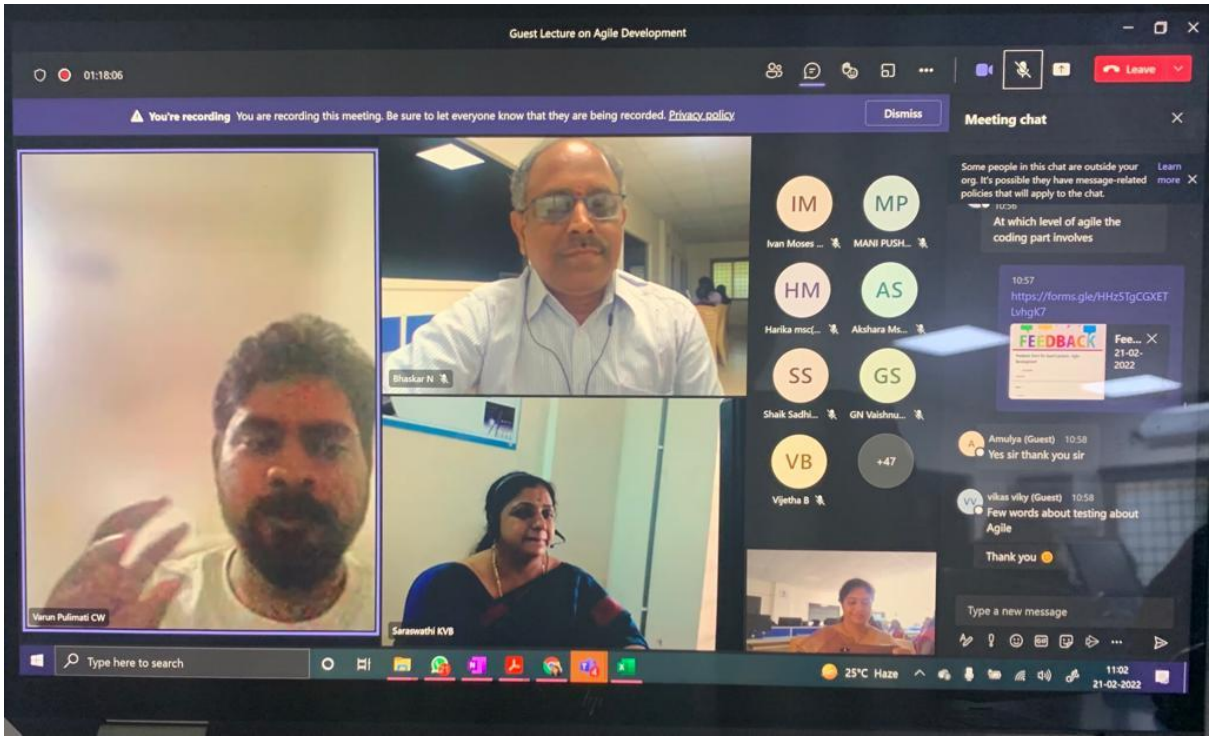
Guest Lecture on Agile Development
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Learn more
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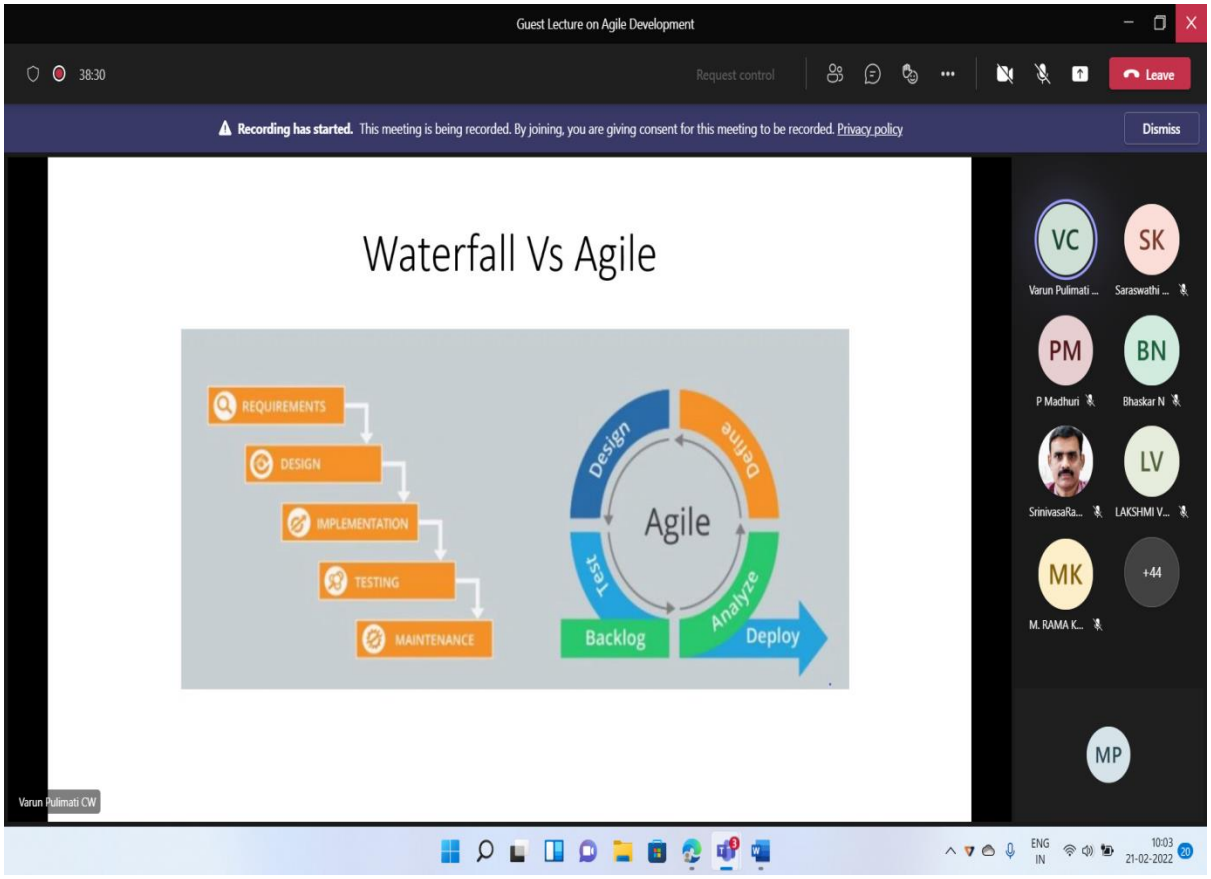
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Waterfall Vs Agile
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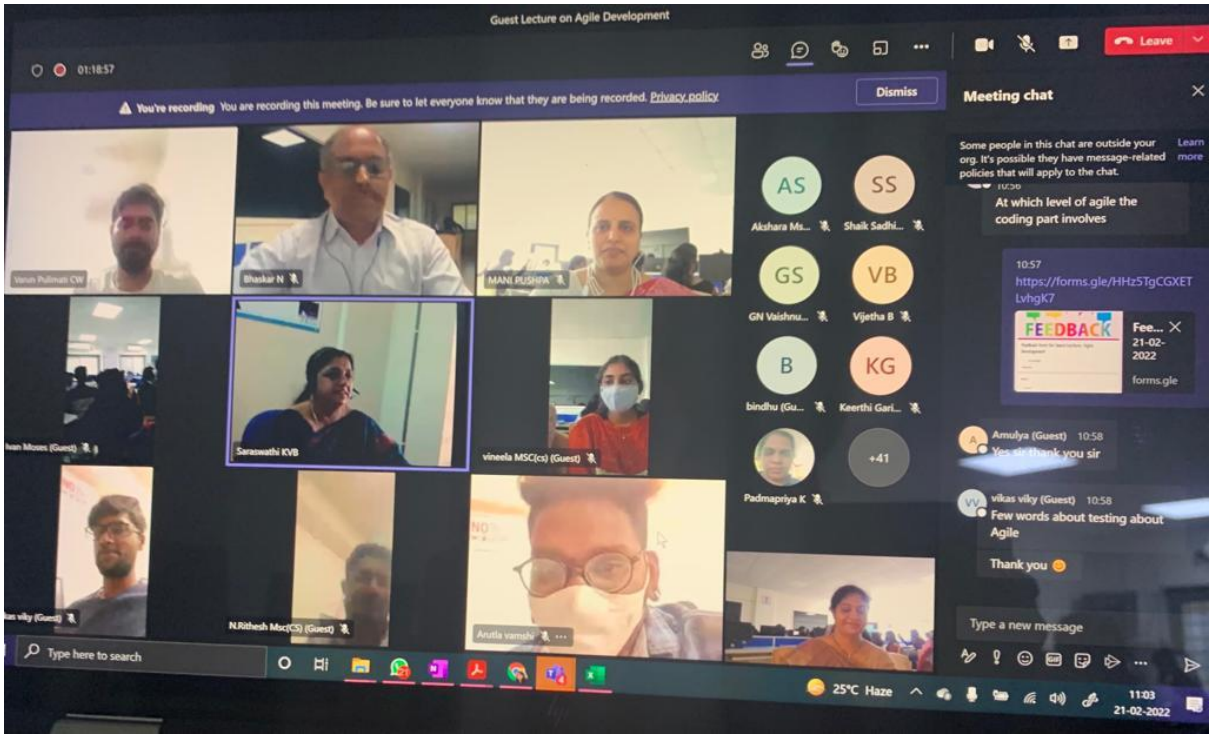
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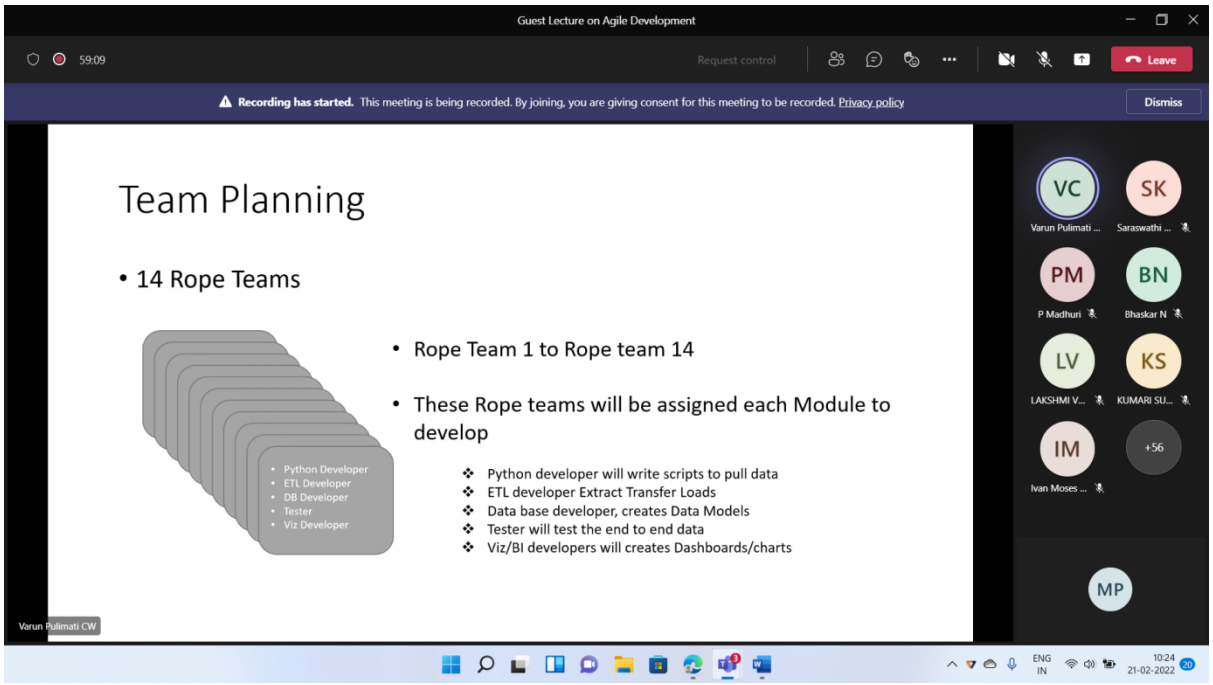
Guest Lecture on Agile Development
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Team Planning
• 14 Rope Teams
• Python Developer
• ETL Developer
• DB Developer
• Tester
• Viz Developer
• Rope Team 1 to Rope team 14
• These Rope teams will be assigned each Module to develop
❖ Python developer will write scripts to pull data
❖ ETL developer Extract Transfer Loads
❖ Data base developer, creates Data Models
❖ Tester will test the end to end data
❖ Viz/BI developers will creates Dashboards/charts
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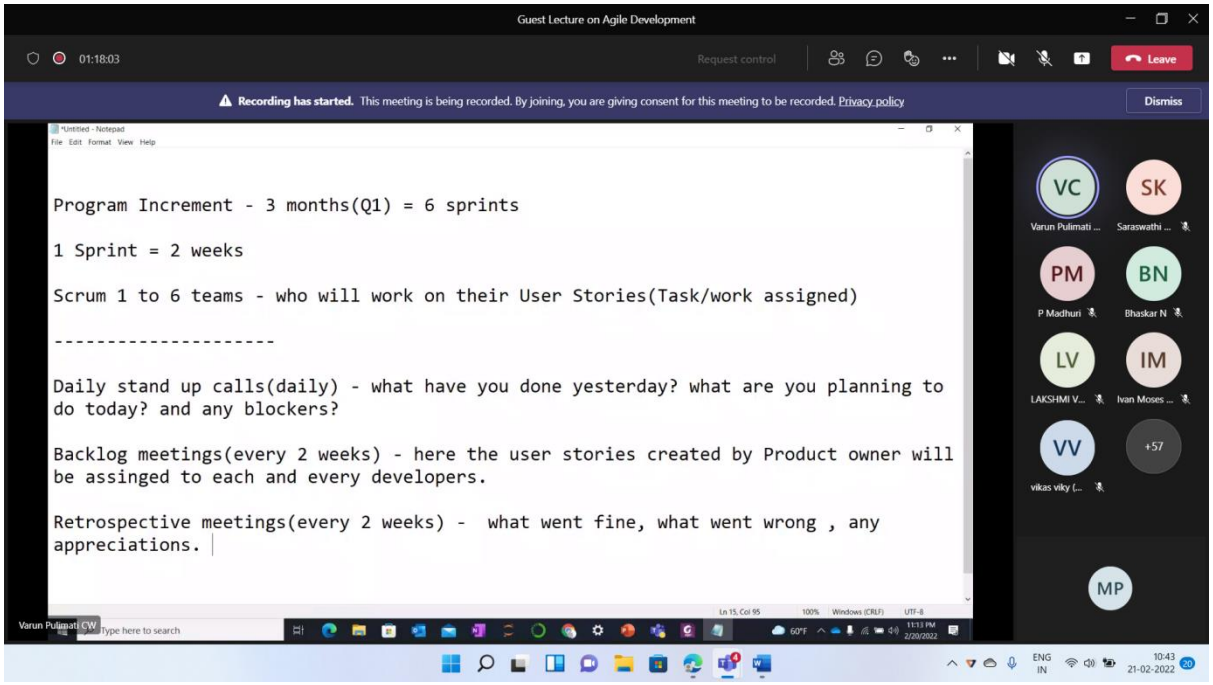
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Program Increment - 3 months(Q1) = 6 sprints
1 Sprint = 2 weeks
Scrum 1 to 6 teams - who will work on their User Stories(Task/work assigned)

Daily stand up calls(daily) - what have you done yesterday? what are you planning to do today? and any blockers?
Backlog meetings(every 2 weeks) - here the user stories created by Product owner will be assinged to each and every developers.
Retrospective meetings(every 2 weeks) - what went fine, what went wrong , any appreciations.
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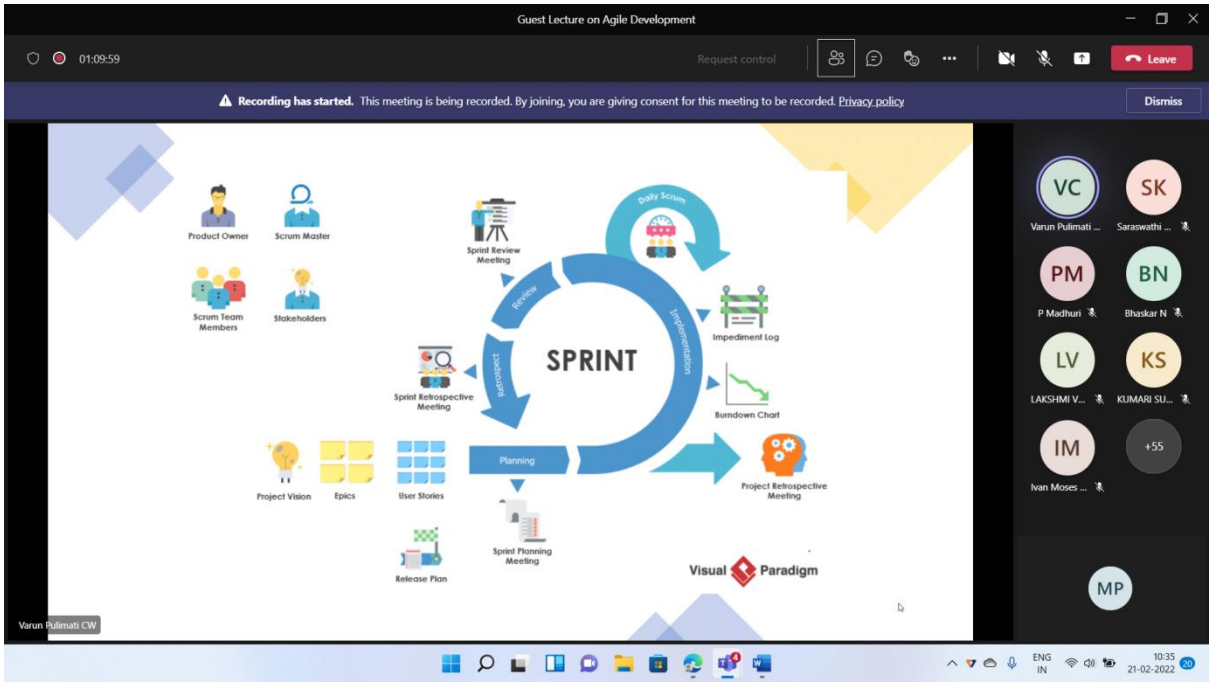
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Product Owner
Scrum Master
Scrum Team Members
Stakeholders
Sprint Review Meeting
Daily Scrum
Review
Implementation
Retrospect
SPRINT
Impediment Log
Sprint Retrospective Meeting
Burndown Chart
Planning
Project Vision
Epics
User Stories
Project Retrospective Meeting
Sprint Planning Meeting
Release Plan
Visual Paradigm
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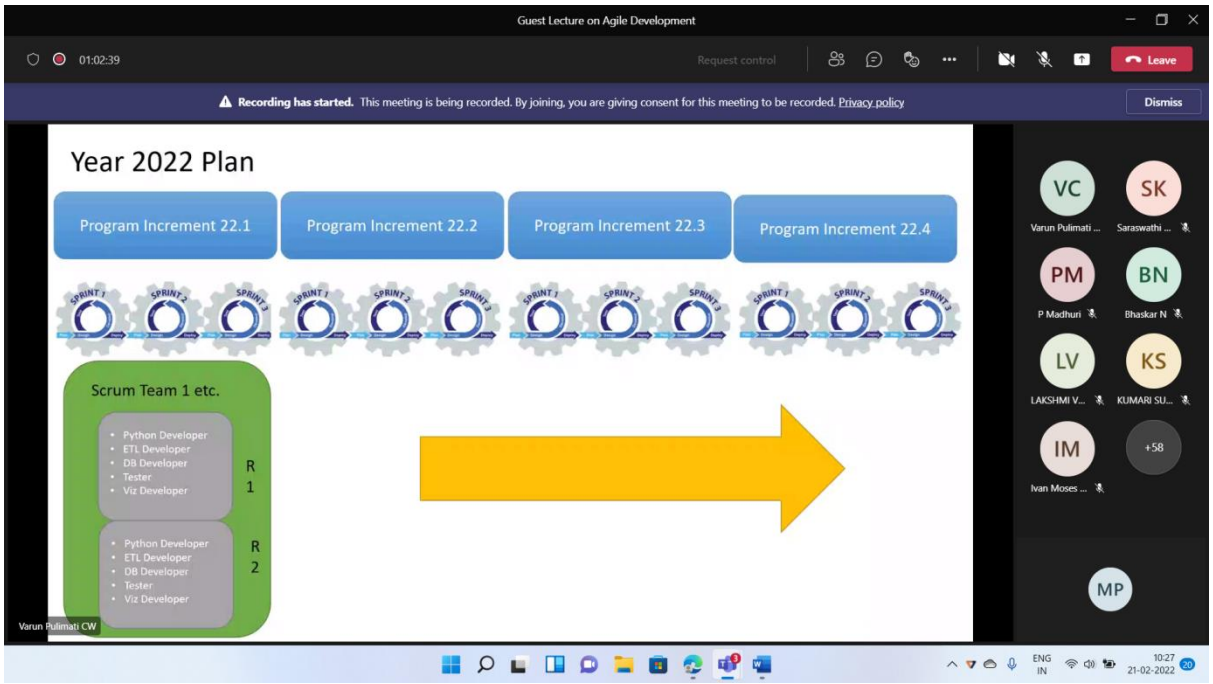
Guest Lecture on Agile Development
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Year 2022 Plan
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Program Increment 22.2
Program Increment 22.3
Program Increment 22.4
SPRINT 1
SPRINT 2
SPRINT 3
Scrum Team 1 etc.
Python Developer
ETL Developer
DB Developer
Tester
Viz Developer
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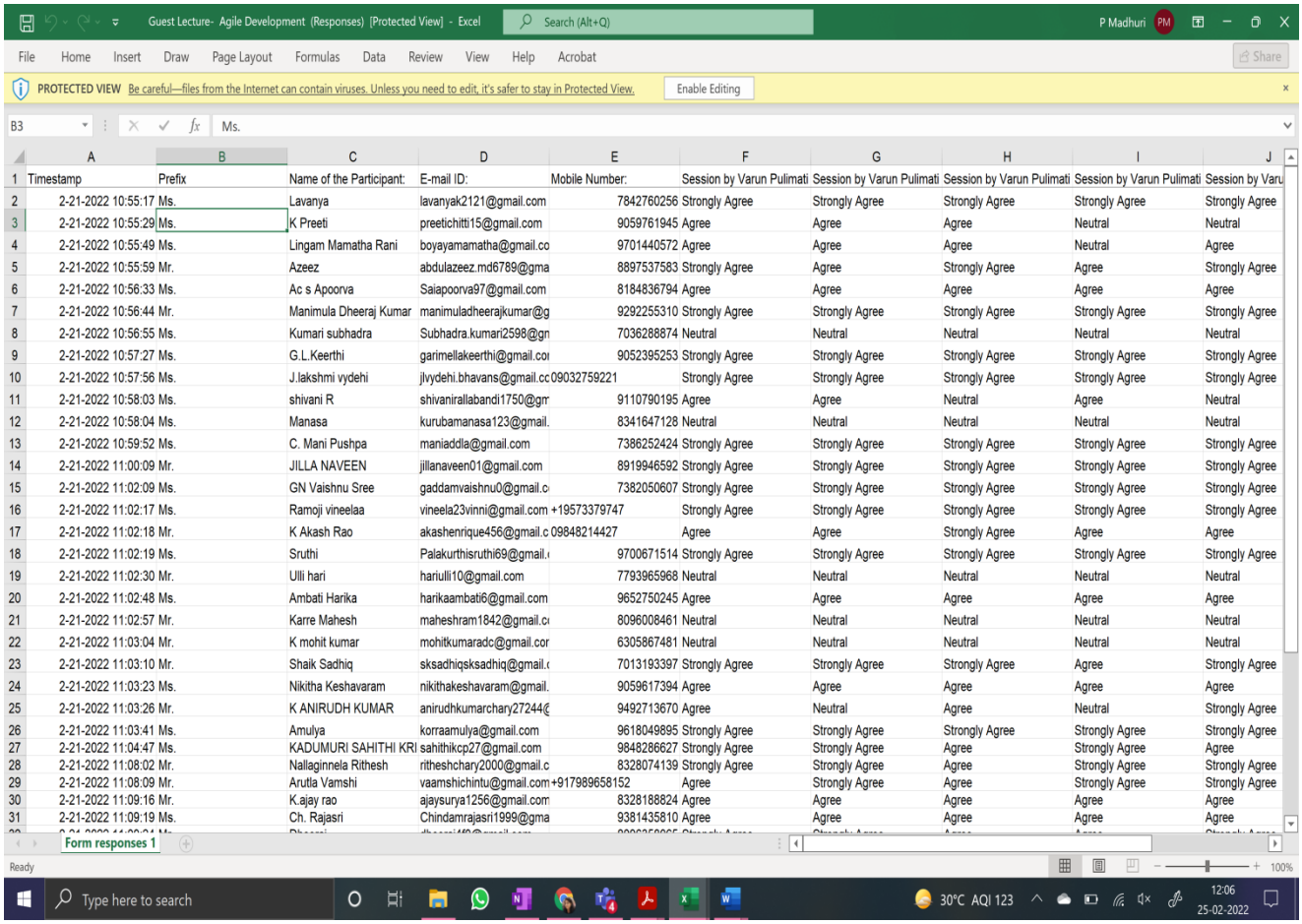
Feedback On Guest Lecture:



	Timestamp	Prefix	Name of the Participant:	E-mail ID:	Mobile Number:	Session by Varun Pulimati	Session by Varun Pulimati	Session by Varun Pulimati	Session by Varun Pulimati	Session by Varu
2	2-21-2022 10:55:17	Ms.	Lavanya	lavanyak2121@gmail.com	7842760256	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
3	2-21-2022 10:55:29	Ms.	K Preeti	preetichitti15@gmail.com	9059761945	Agree	Agree	Agree	Neutral	Neutral
4	2-21-2022 10:55:49	Ms.	Lingam Mamatha Rani	boyayamamatha@gmail.co	9701440572	Agree	Agree	Agree	Neutral	Agree
5	2-21-2022 10:55:59	Mr.	Azeez	abdulazeez.md6789@gma	8897537583	Strongly Agree	Agree	Strongly Agree	Agree	Strongly Agree
6	2-21-2022 10:56:33	Ms.	Ac s Apoorva	Saiapoorva97@gmail.com	8184836794	Agree	Agree	Agree	Agree	Agree
7	2-21-2022 10:56:44	Mr.	Manimula Dheeraj Kumar	manimuladheerajkumar@g	9292255310	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
8	2-21-2022 10:56:55	Ms.	Kumari subhadra	Subhadra.kumari2598@gn	7036288874	Neutral	Neutral	Neutral	Neutral	Neutral
9	2-21-2022 10:57:27	Ms.	G.L.Keerthi	garimellakeerthi@gmail.co	9052395253	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
10	2-21-2022 10:57:56	Ms.	J.lakshmi vydehi	jlvydehi.bhavans@gmail.cc	09032759221	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
11	2-21-2022 10:58:03	Ms.	shivani R	shivanirallabandi1750@gm	9110790195	Agree	Agree	Neutral	Agree	Neutral
12	2-21-2022 10:58:04	Ms.	Manasa	kurubamanasa123@gmail.	8341647128	Neutral	Neutral	Neutral	Neutral	Neutral
13	2-21-2022 10:59:52	Ms.	C. Mani Pushpa	maniaddla@gmail.com	7386252424	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
14	2-21-2022 11:00:09	Mr.	JILLA NAVEEN	jillanaveen01@gmail.com	8919946592	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
15	2-21-2022 11:02:09	Ms.	GN Vaishnu Sree	gaddamvaishnu0@gmail.c	7382050607	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
16	2-21-2022 11:02:17	Ms.	Ramoji vineelaa	vineela23vinni@gmail.com	+19573379747	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
17	2-21-2022 11:02:18	Mr.	K Akash Rao	akashenrique456@gmail.c	09848214427	Agree	Agree	Strongly Agree	Agree	Agree
18	2-21-2022 11:02:19	Ms.	Sruthi	Palakurthisruthi69@gmail.(	9700671514	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
19	2-21-2022 11:02:30	Mr.	Ulli hari	hariulli10@gmail.com	7793965968	Neutral	Neutral	Neutral	Neutral	Neutral
20	2-21-2022 11:02:48	Ms.	Ambati Harika	harikaambati6@gmail.com	9652750245	Agree	Agree	Agree	Agree	Agree
21	2-21-2022 11:02:57	Mr.	Karre Mahesh	maheshram1842@gmail.c	8096008461	Neutral	Neutral	Neutral	Neutral	Neutral
22	2-21-2022 11:03:04	Mr.	K mohit kumar	mohitkumaradc@gmail.cor	6305867481	Neutral	Neutral	Neutral	Neutral	Neutral
23	2-21-2022 11:03:10	Mr.	Shaik Sadhiq	sksadhiqsksadhiq@gmail.(	7013193397	Strongly Agree	Strongly Agree	Strongly Agree	Agree	Strongly Agree
24	2-21-2022 11:03:23	Ms.	Nikitha Keshavaram	nikithakeshavaram@gmail.	9059617394	Agree	Agree	Agree	Agree	Agree
25	2-21-2022 11:03:26	Mr.	K ANIRUDH KUMAR	anirudhkumarchary27244@	9492713670	Agree	Neutral	Agree	Neutral	Strongly Agree
26	2-21-2022 11:03:41	Ms.	Amulya	korraamulya@gmail.com	9618049895	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree	Strongly Agree
27	2-21-2022 11:04:47	Ms.	KADUMURI SAHITHI KRI	sahithikcp27@gmail.com	9848286627	Strongly Agree	Strongly Agree	Agree	Strongly Agree	Agree
28	2-21-2022 11:08:02	Mr.	Nallaginnela Rithesh	riteshchary2000@gmail.c	8328074139	Strongly Agree	Strongly Agree	Agree	Strongly Agree	Strongly Agree
29	2-21-2022 11:08:09	Mr.	Arutla Vamshi	vaamshichintu@gmail.com	+917989658152	Agree	Strongly Agree	Agree	Strongly Agree	Strongly Agree
30	2-21-2022 11:09:16	Mr.	K.ajay rao	ajaysurya1256@gmail.com	8328188824	Agree	Agree	Agree	Agree	Agree
31	2-21-2022 11:09:19	Ms.	Ch. Rajasri	Chindamrajasri1999@gma	9381435810	Agree	Agree	Agree	Agree	Agree

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18th - 23rd February, 2022

Resource Person

Mr. Kalyan Kumar

Senior Project Engineer, DSP, Pantech Solutions Pvt. Ltd

Organized by

Department of Computer Science

Under DBT-Star College Scheme

Report

Department of Computer Science organized a 30hrs value added course on " IoT with RASPBERRY PI using Python" for M.Sc. (Computer Science) 3rd semester students from 18th February 2022 to 23rd February, Timing 9.30 am to 4.30 pm in Computer science Lab N21C. A total of 39 students and 10 faculties attended the course.

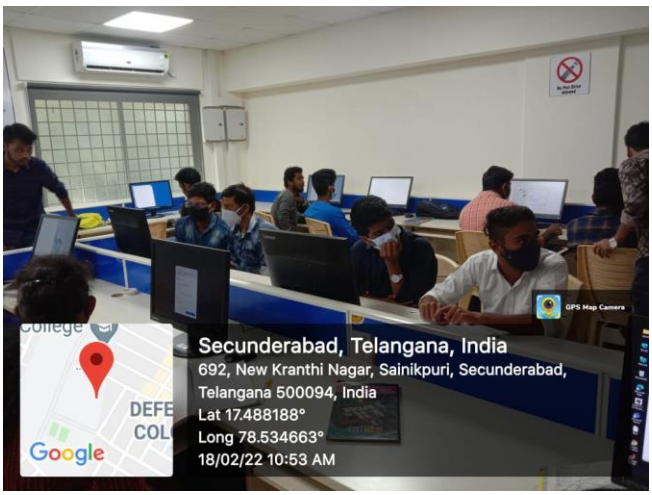
The course was organized in collaboration with Pantech E-Learning solutions Hyderabad. The topics were delivered and demonstrated by course instructors Mr. K KALYAN KUMAR, and Mr.GANESH from Pantech E-Learning solutions.

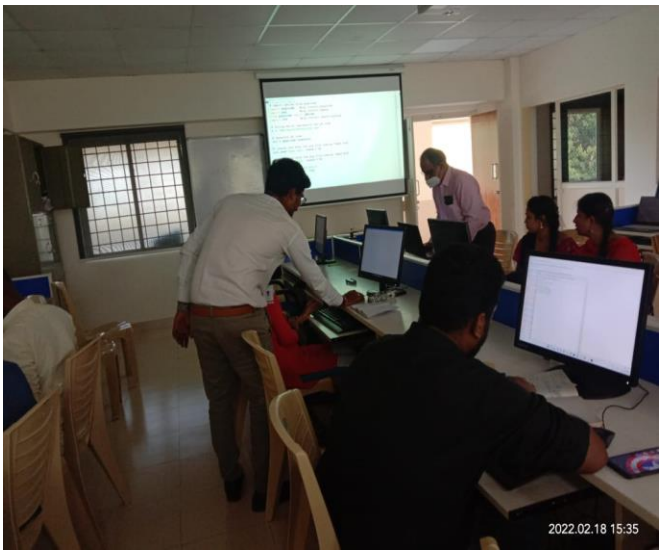
The brief summary of the course is given below:

Day /Date	Theory/Concept	Practical implementation
18th Feb 2022	Basics of python programming and example programs	Generation and detection of QR code and CAPCHA generation
19th Feb 2022	Introduction IoT and its applications, Raspberry PI connectivity and Operating system installation.	LED connectivity and experimented on traffic signal application using python codding
21st Feb 2022	Sensor connectivity and coding for each sensor using raspberry pi and python.	Experimented object identification, fire identification and gas detection implemented these using buzzer and LED signals.
22nd Feb 2022	IoT cloud connectivity using thing speak cloud. Account and channel creation. Explored Free SMS services.	Generating and storing sensor data in cloud. Analyzing and generating report. Generating and sending bulk SMS using python codding.
23rd Feb 2022	Picture identification, Video capturing and Frame detection, Open CV generation.	Face identification, and analysis single or multiple images using python code.

Day 1: 18th Feb 2022 Introduction to Python

And QR code Generation and Detection



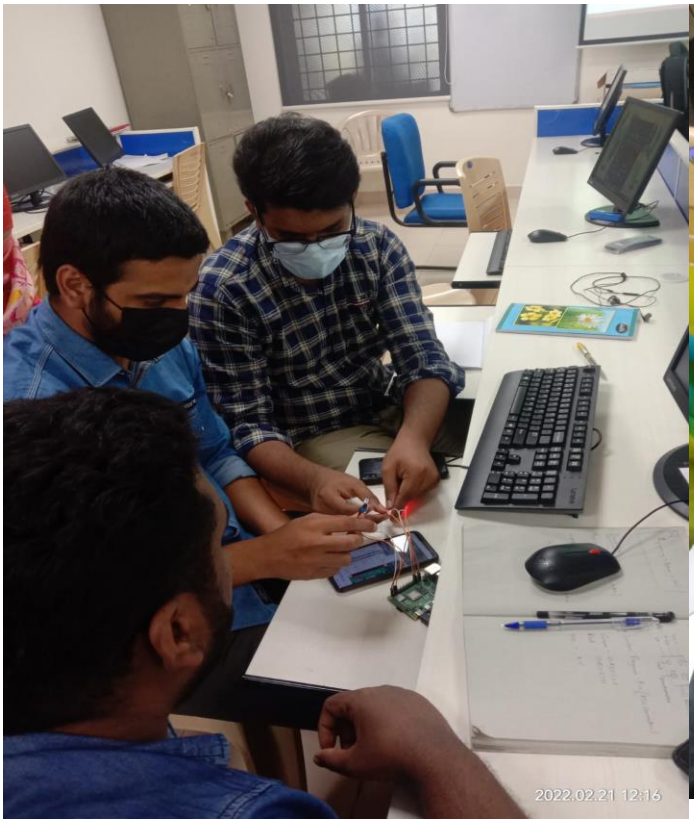


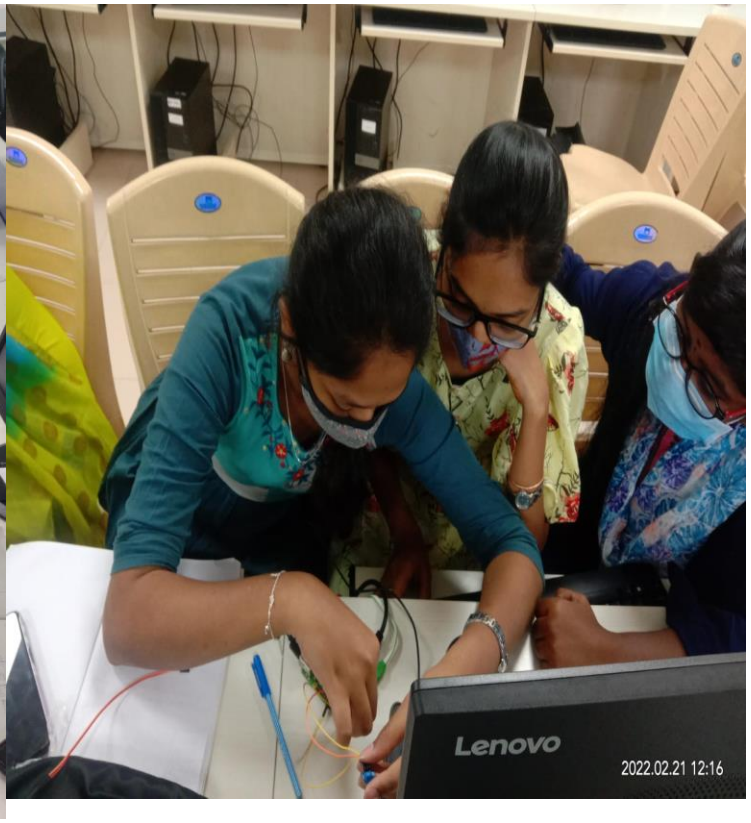
Day 2 : 19th Feb 2022 Introduction IoT and its

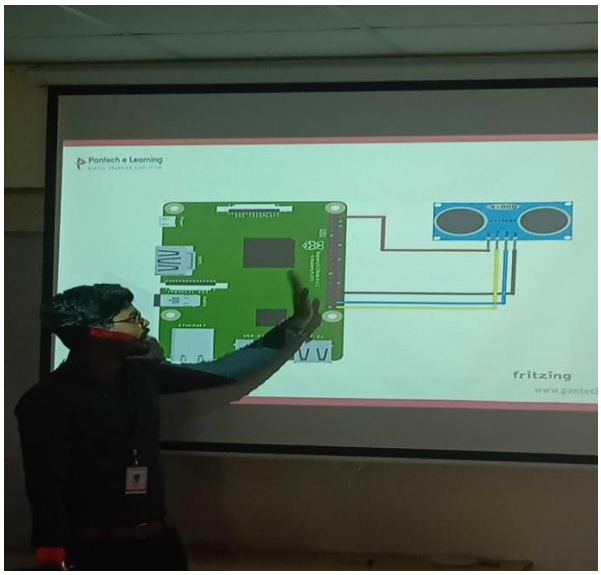
applications and Raspberry Pi Practical applications

Day 3 : 21st Feb 2022 Sensor connectivity

and coding for LED and Buzzer applications.



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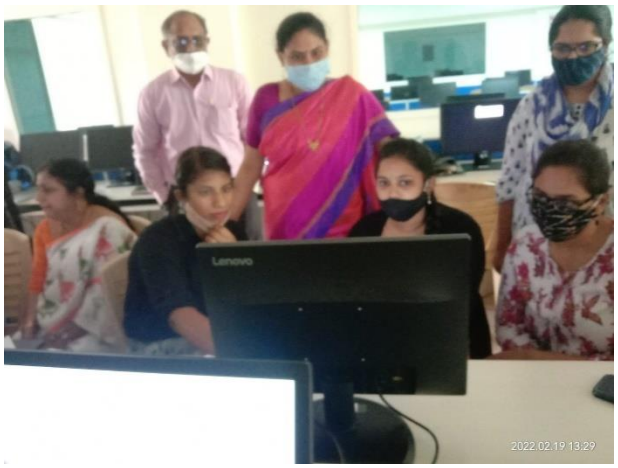
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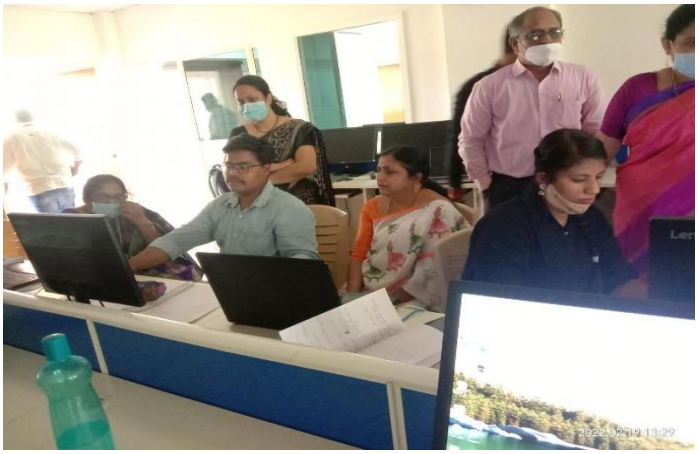
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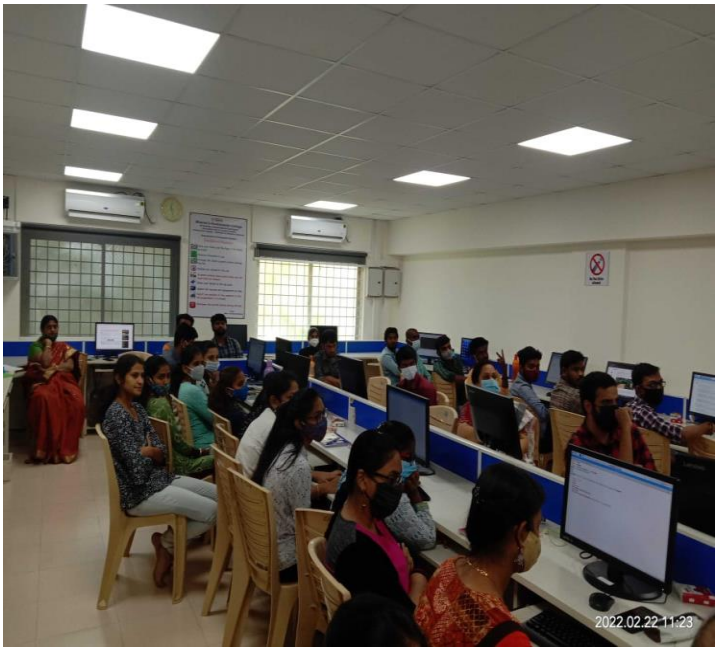
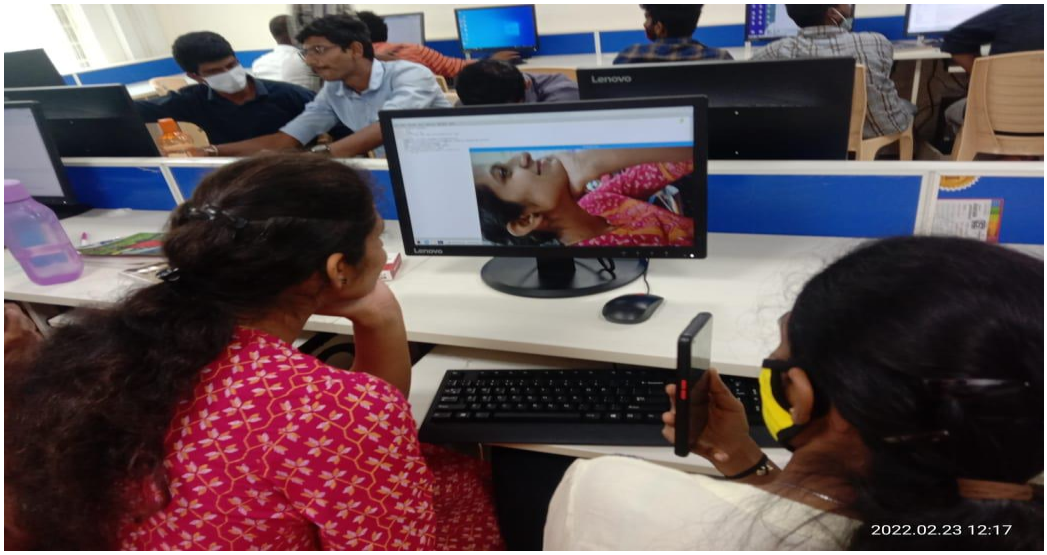
Day 4 :22nd Feb 2022 IoT Cloud connectivity

using Thingspeak Sending bulk SMS using coding.



Day 5: 23rd Feb 2022 Picture identification, Video capturing and Frame detection, Open CV generation



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2 Day Guest Lecture on Android for Mobile APP Development January 2022

Date: 24th and 25th January, 2022 Timings: 5:30PM

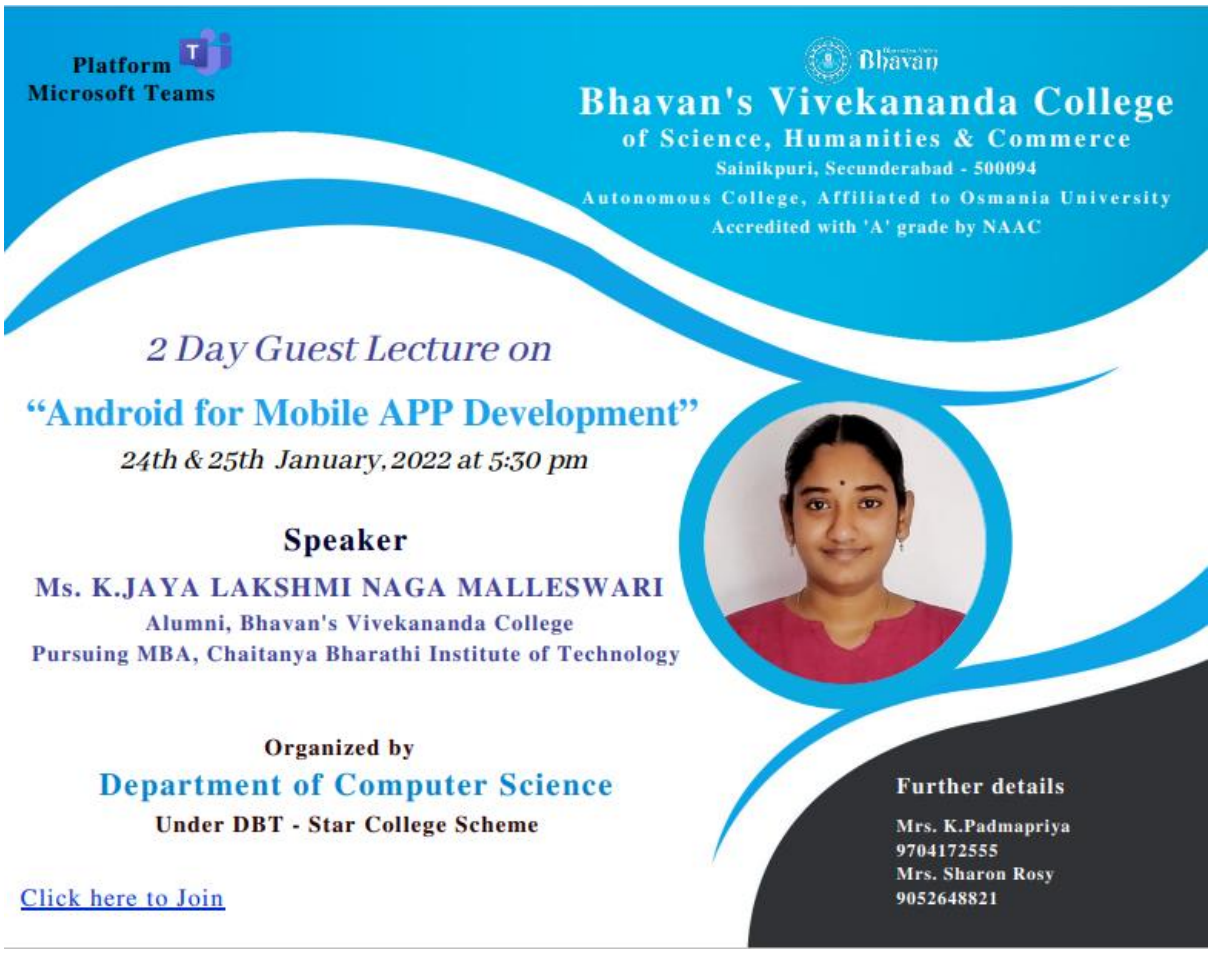
Venue: ONLINE(Microsoft Teams)

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



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 24th and 25th 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

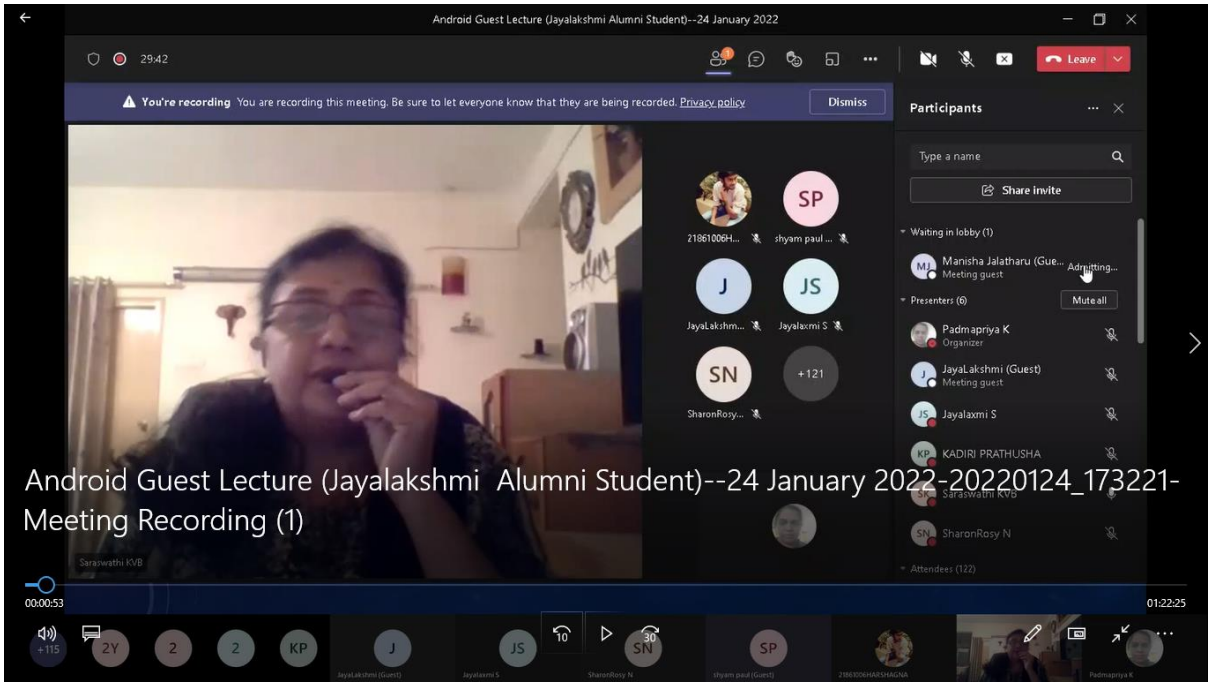
Number of Participants: 180(DAY1)

Meeting Summary										
Total Number of Participa	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 Tim	Duration	Email	Role	Participant ID (UPN)				
Padmapriya K	1/24/2022, 5:03:31 P	1/24/2022	2h 6m	Padmapri	Organizer	Padmapriya13042@bhavansvc.ac.in				
21861006HARSHAGNA	1/24/2022, 5:03:38 P	1/24/2022	11m 2s	HARSHAG	Attendee	HARSHAGNA3032460@bhavansvc.ac.in				
21861006HARSHAGNA	1/24/2022, 5:16:23 P	1/24/2022	1h 41m	HARSHAG	Attendee	HARSHAGNA3032460@bhavansvc.ac.in				
21391027NAVEED	1/24/2022, 5:03:39 P	1/24/2022	1m 12s	SYED3111	Attendee	SYED3111575@bhavansvc.ac.in				
21391027NAVEED	1/24/2022, 5:14:23 P	1/24/2022	17m 27s	SYED3111	Attendee	SYED3111575@bhavansvc.ac.in				
19- Balerao Neha (Guest)	1/24/2022, 5:06:17 P	1/24/2022	1h 58m		Attendee					
S.mounica - 52 1h1	1/24/2022, 5:14:22 P	1/24/2022	1h 43m		Attendee					
107221468071 Joshua (Gu	1/24/2022, 5:14:22 P	1/24/2022	1h 41m		Attendee					
107221468093 Raviteja	1/24/2022, 5:14:22 P	1/24/2022	1h 42m		Attendee					
22 Prajakta	1/24/2022, 5:14:22 P	1/24/2022	1h 42m		Attendee					
21467007MADHURITHA	1/24/2022, 5:14:22 P	1/24/2022	52m 7s	MADHURI	Attendee	MADHURITHA3162010@bhavansvc.ac.in				
21467047VYSHNAVI	1/24/2022, 5:14:23 P	1/24/2022	1h 41m	VYSHNAV	Attendee	VYSHNAVI3048194@bhavansvc.ac.in				
21467043Poojitha	1/24/2022, 5:14:23 P	1/24/2022	1h 37m		Attendee					
SHAIK ABBAS	1/24/2022, 5:14:23 P	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
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Dismiss
Participants
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Share invite
Waiting in lobby (1)
Manisha Jalatharu (Gue...
Meeting guest
Admitting...
Presenters (6)
Mute all
Padmapriya K
Organizer
JayaLakshmi (Guest)
Meeting guest
Jayalaxmi S
KADIRI PRATHUSHA
SharonRosy N
Attendees (122)
Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022-20220124_173221-Meeting Recording (1)
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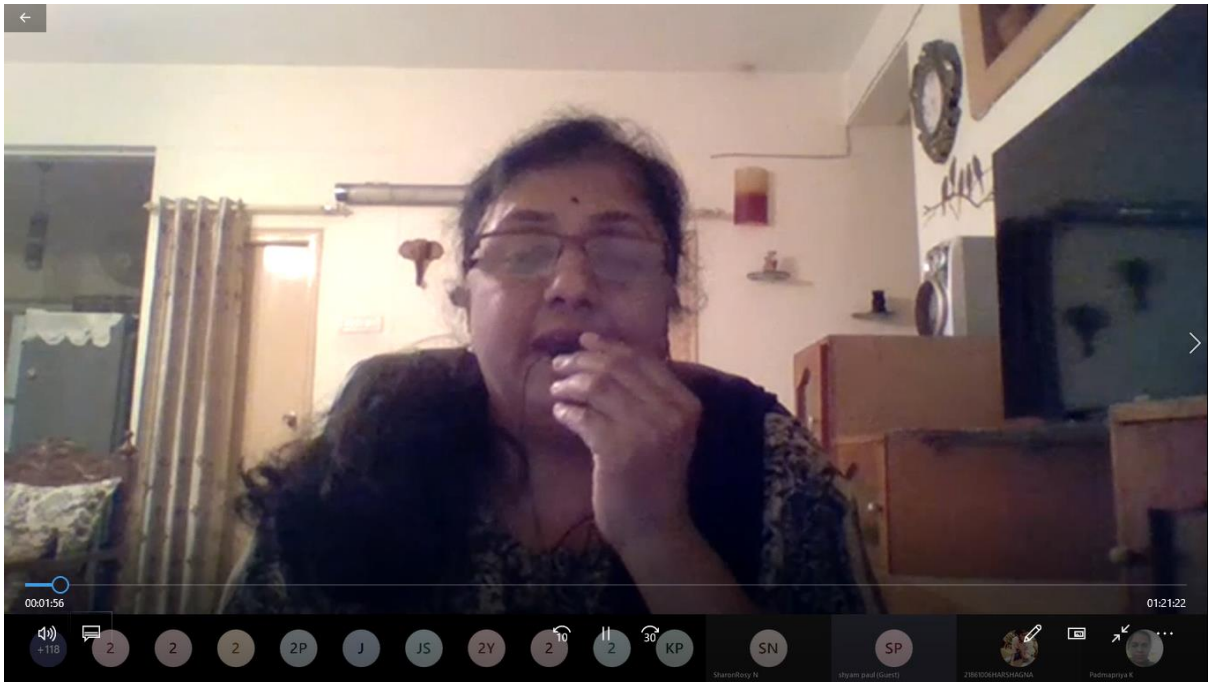
01:22:25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Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022
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ENG
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24-01-2022

Android Guest Lecture (Jayalakshmi Alumni Student)--24 January 2022
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Dismiss
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21467027UMESH
21861021MD.CHAND
44 Durga Bhavani
21861006HARSHAGNA
21546050NAGASRI
Padmapriya K
21467028HARSHA VARDHINI
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ENG
18:58
24-01-2022

ANDROID GUEST LECTURE DAY-2---- 25-01-2022(DAY-2)- Timings-5:30PM

Number of Participants: 156(DAY2)

Meeting Summary												
Total Number of Particip	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 Tim	Duration	Email	Role	Participant ID (UPN)						
Padmapriya K	1/25/2022	1/25/2022	1h 47m	Padmapri	Organizer	Padmapriya13042@bhavansvc.ac.in						
21546010DEEPIKA	1/25/2022	1/25/2022	1h 4m	DEEPIKA3	Presenter	DEEPIKA3022065@bhavansvc.ac.in						
21546010DEEPIKA	1/25/2022	1/25/2022	4m 39s	DEEPIKA3	Presenter	DEEPIKA3022065@bhavansvc.ac.in						
L8 A.Thanuja	1/25/2022	1/25/2022	37m 7s		Presenter							
KADIRI PRATHUSHA	1/25/2022	1/25/2022	1h 25m	KADIRIBS	Presenter	KADIRIBSCMSCSIII70@bhavansvc.ac.in						
21861036SIDDHARTH	1/25/2022	1/25/2022	1h 23m	SIDDHART	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	GUNDABO	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	VENKATA3	Presenter	VENKATA3113211@bhavansvc.ac.in						
21861031R.MAANYA	1/25/2022	1/25/2022	1h 34m	MAANYA3	Presenter	MAANYA3021977@bhavansvc.ac.in						
SHAIK ABBAS	1/25/2022	1/25/2022	1h 19m	ABBAS248	Presenter	ABBAS2489393@bhavansvc.ac.in						
L07221468094 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						

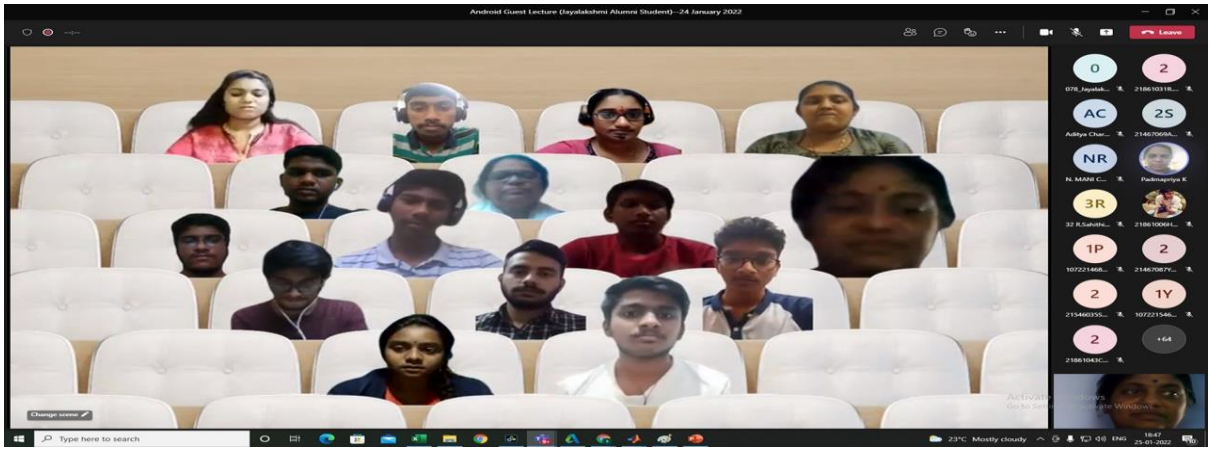
Summary of DAY 2 :

Hands-On Session on

- **Project Creation**
- **Configuration of the Project**
- **Android Studio Project Structure**
  - **Setup**
  - **Write**
  - **Build and Run**
  - **Iterate**
  - **Publish**
- **Various Formatting options**

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

Meeting Summary												
Total Number of Particip	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 Tim	Duration	Email	Role	Participant ID (UPN)						
Padmapriya K	1/25/2022	1/25/2022	1h 47m	Padmapri	Organizer	Padmapriya13042@bhavansvc.ac.in						
21546010DEEPIKA	1/25/2022	1/25/2022	1h 4m	DEEPIKA3(	Presenter	DEEPIKA3022065@bhavansvc.ac.in						
21546010DEEPIKA	1/25/2022	1/25/2022	4m 39s	DEEPIKA3(	Presenter	DEEPIKA3022065@bhavansvc.ac.in						
L8 A.Thanuja	1/25/2022	1/25/2022	37m 7s		Presenter							
KADIRI PRATHUSHA	1/25/2022	1/25/2022	1h 25m	KADIRIBS(	Presenter	KADIRIBSCMSCSIII70@bhavansvc.ac.in						
21861036SIDDHARTH	1/25/2022	1/25/2022	1h 23m	SIDDHART	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						
L07221468094 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						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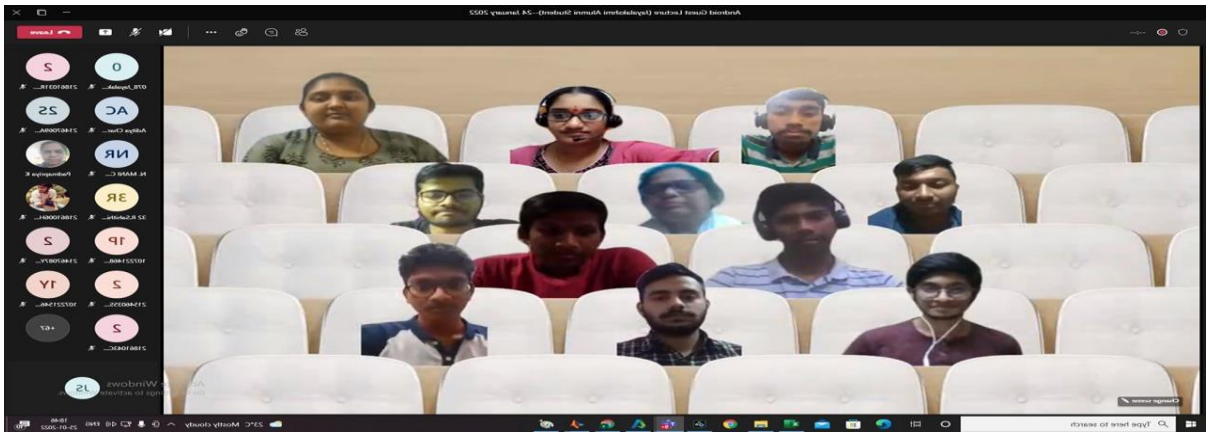

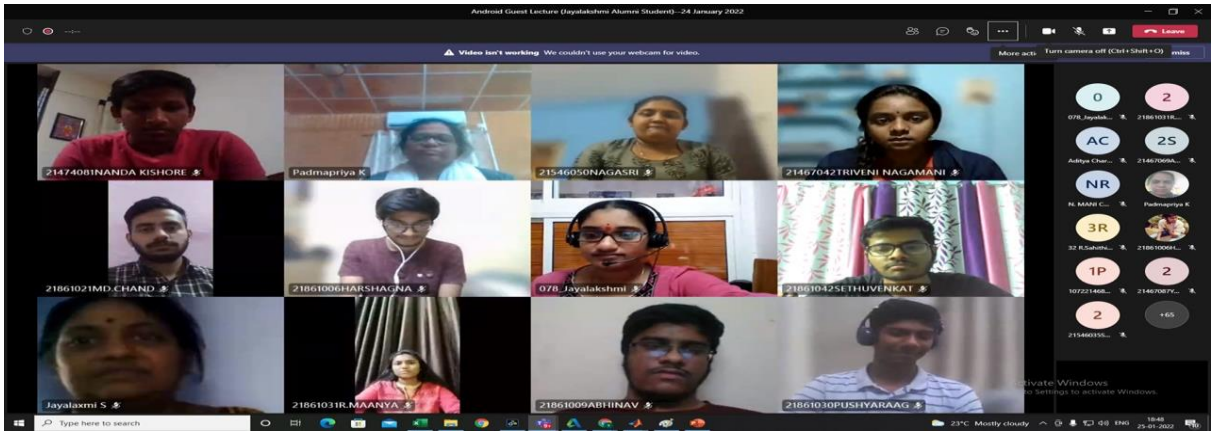
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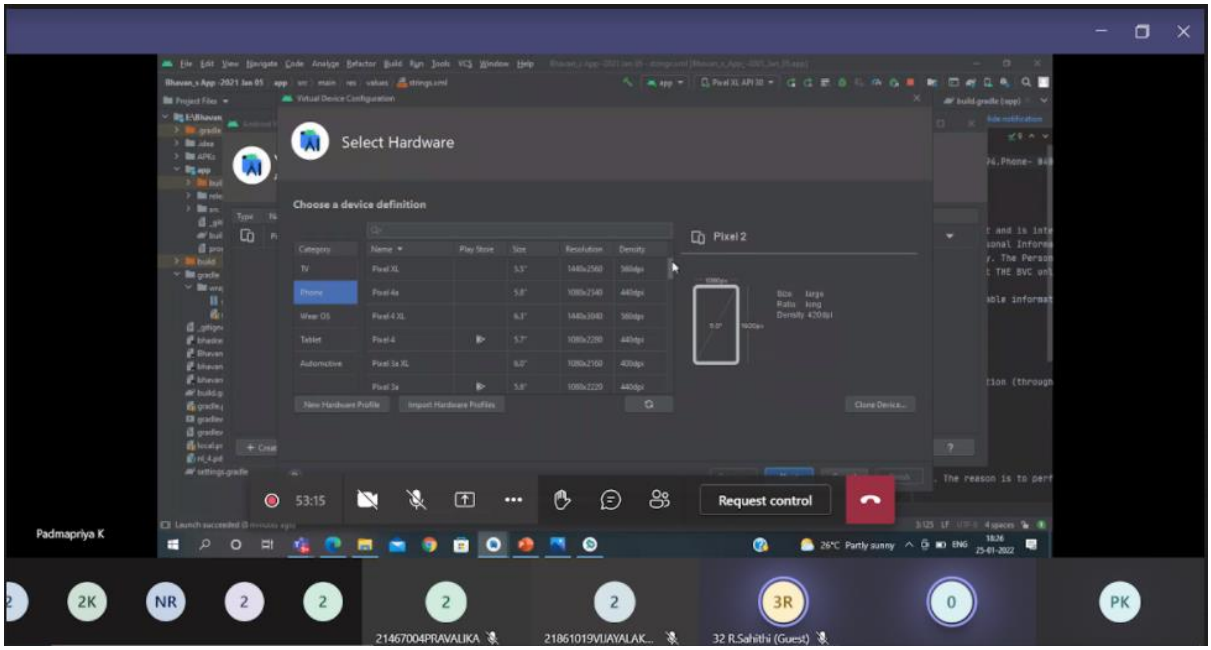


Feedback about Android Guest Lecture:

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 andrion versions etcc...
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"

Bharatiya Vidya Bhavan

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

REPORT ON

GUEST LECTURE(WEBINAR)
"CAREER OPPORTUNITIES AT U.G. AND TERTIARY-LEVEL"

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 17th 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.

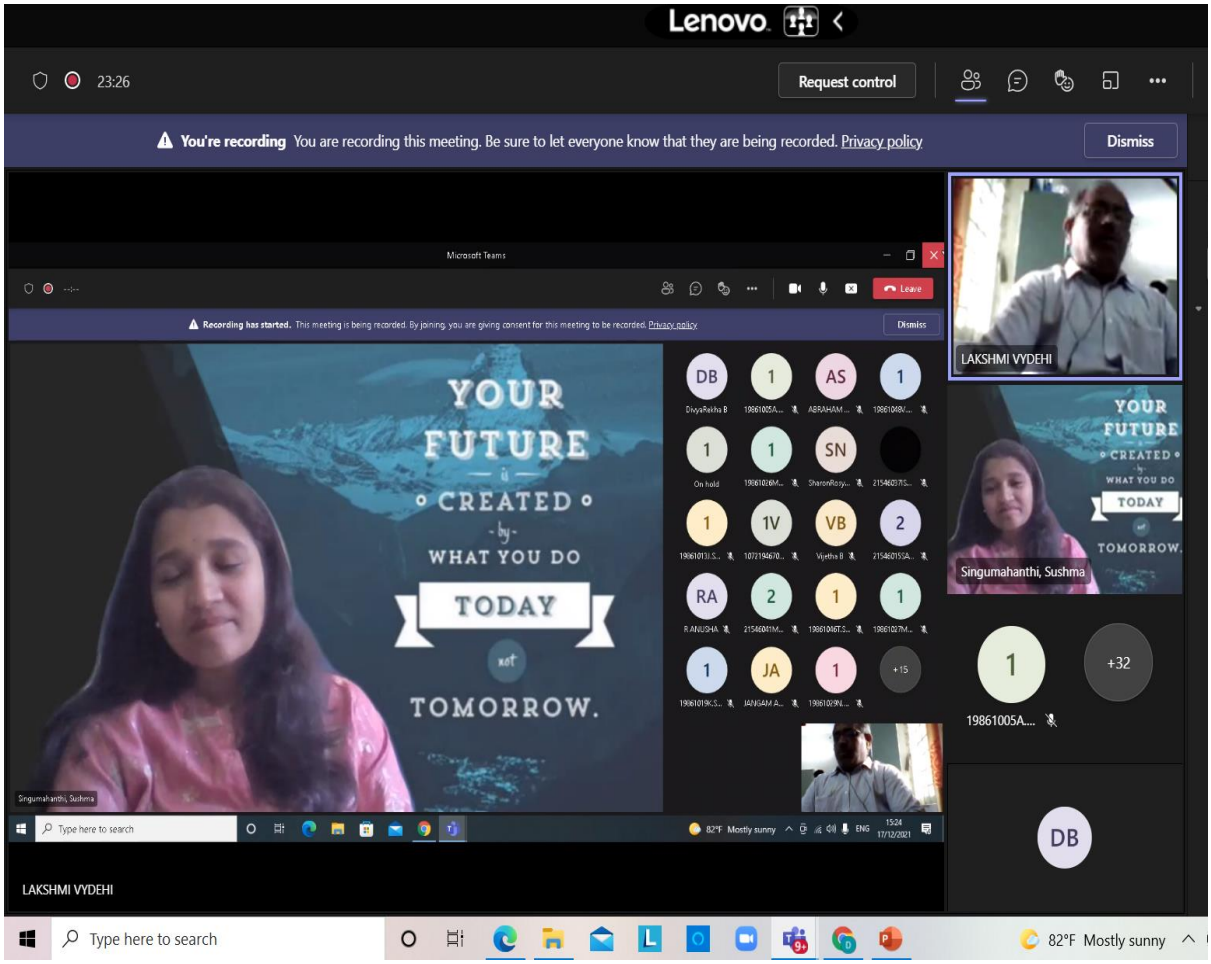
The Webinar started at 3:00 p.m.with the welcome address given by Mr. N. Bhaskar, Assistant Professor, Department of Computer Science. Ms. Siddhini student from BCA III Yr, read the profile of Sushma Uday and welcomed her for the session.

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.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YOUR FUTURE is CREATED by WHAT YOU DO TODAY not TOMORROW.
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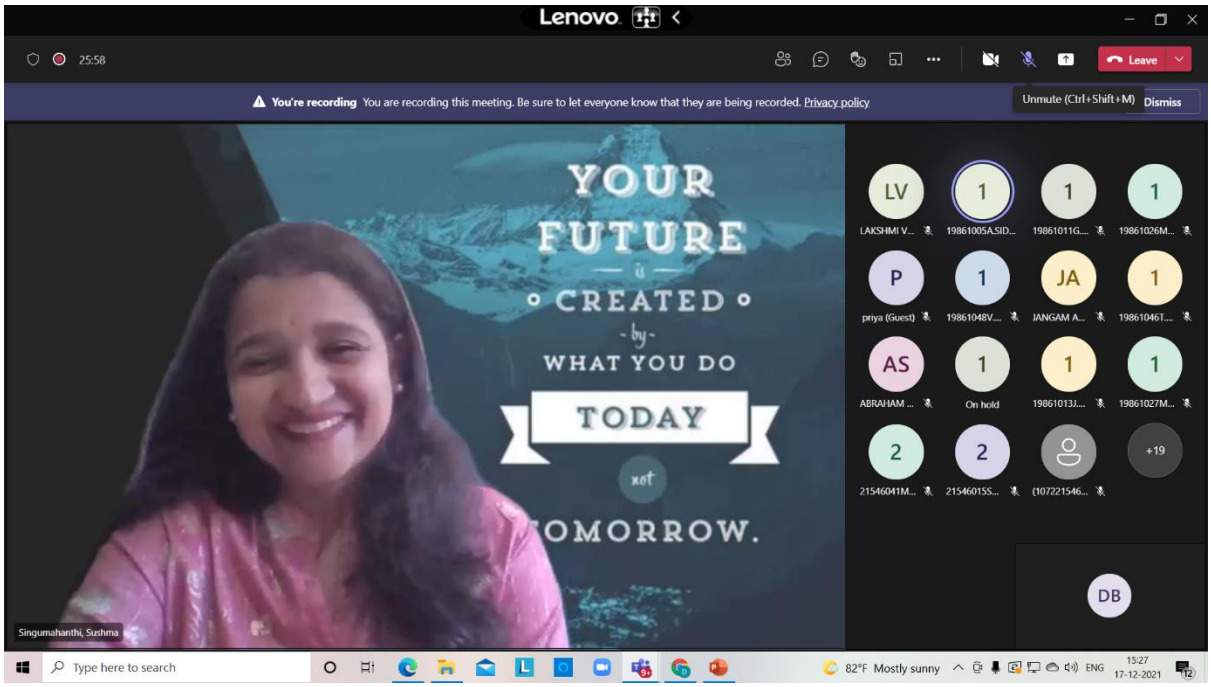
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ABRAHAM ...
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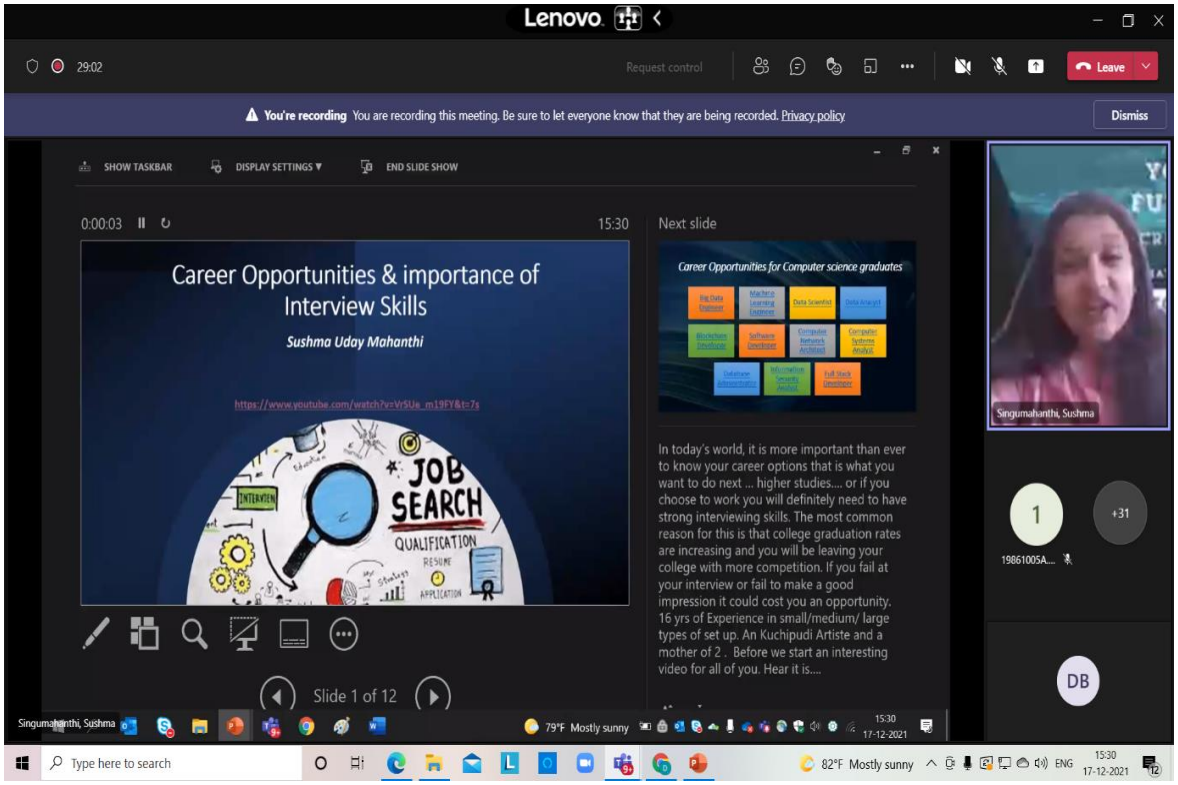
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Career Opportunities & importance of Interview Skills
Sushma Uday Mahanthi
https://www.youtube.com/watch?v=Vr5Uie_m19FY&t=7s
JOB SEARCH
QUALIFICATION
Next slide
Career Opportunities for Computer science graduates
In today's world, it is more important 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
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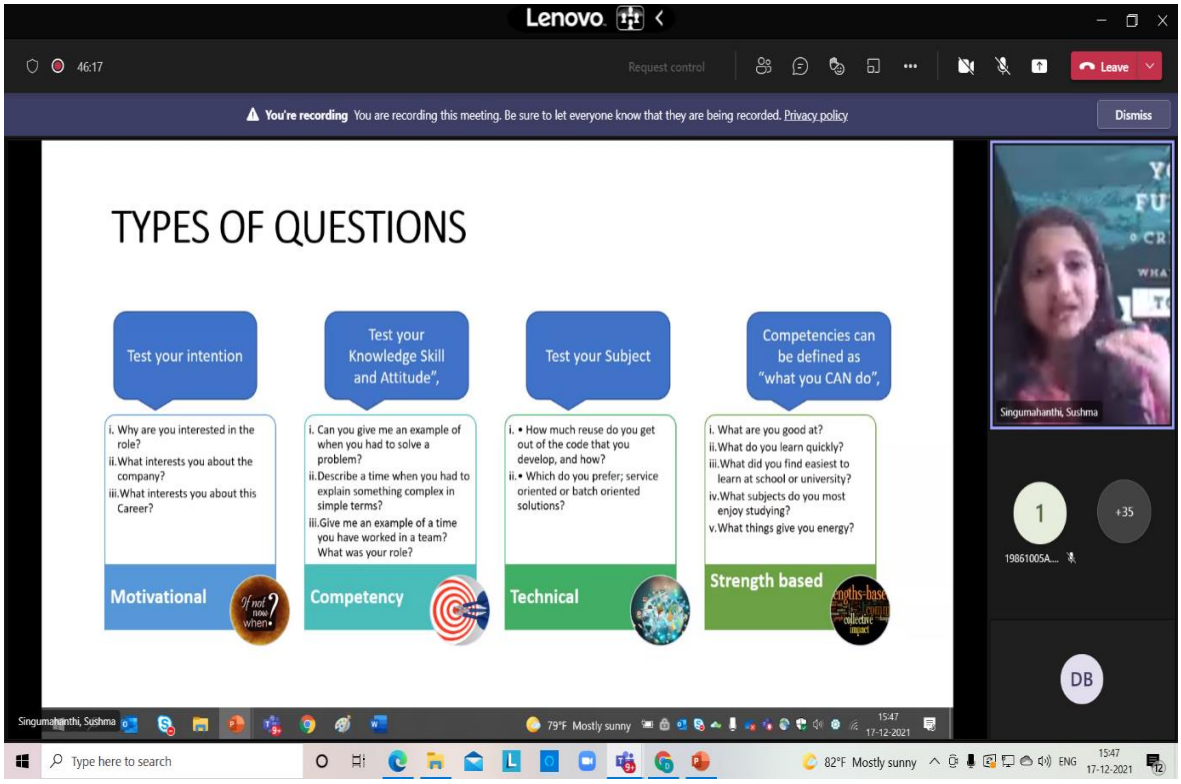
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TYPES OF QUESTIONS
Test your intention
i. Why are you interested in the role?
ii. What interests you about the company?
iii. What interests you about this Career?
Motivational
Test your Knowledge Skill and Attitude",
i. Can you give me an example of when you had to solve a problem?
ii. Describe a time when you had to explain something complex in simple terms?
iii. Give me an example of a time you have worked in a team? What was your role?
Competency
Test your Subject
i. • How much reuse do you get out of the code that you develop, and how?
ii. • Which do you prefer; service oriented or batch oriented solutions?
Technical
Competencies can be defined as "what you CAN do",
i. What are you good at?
ii. What do you learn quickly?
iii. What did you find easiest to learn at school or university?
iv. What subjects do you most enjoy studying?
v. What things give you energy?
Strength based
Singumahanthi, Sushma
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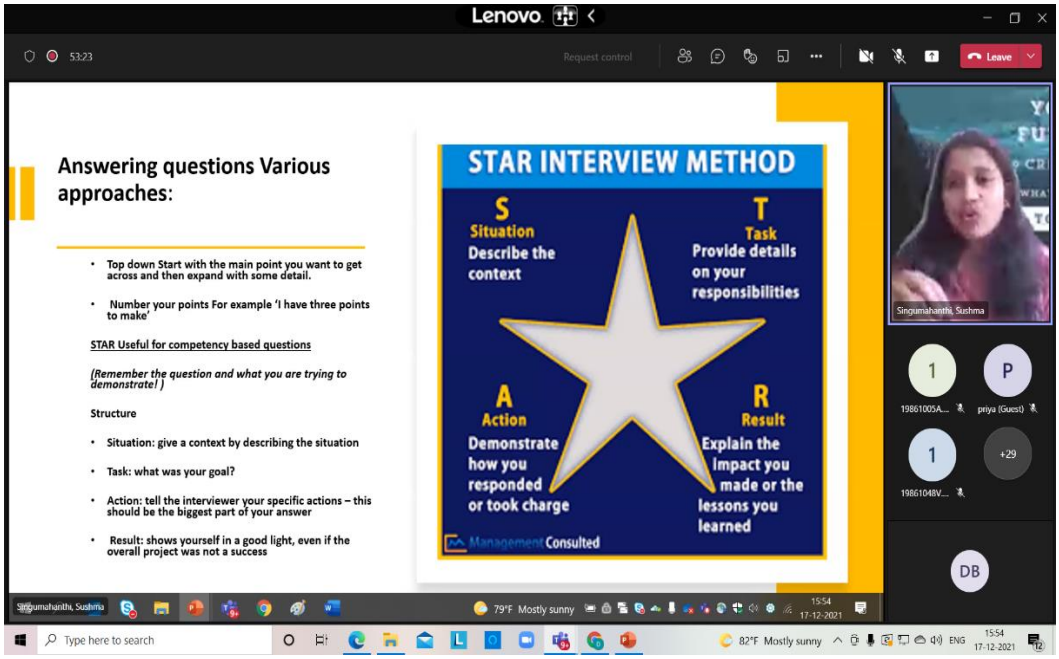
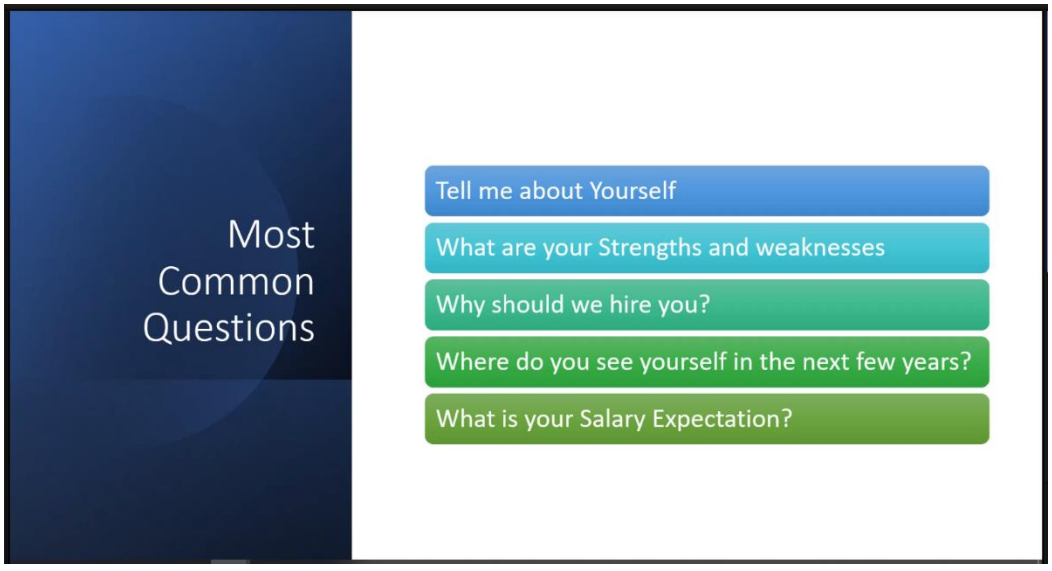
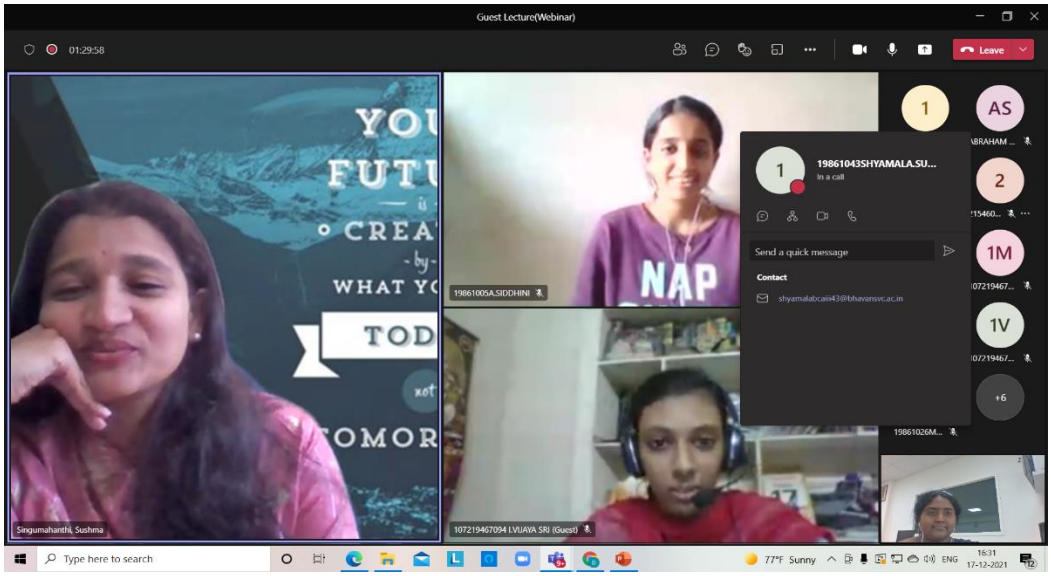
ENG
15:47
17-12-2021


Lenovo
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
Singumahanthi, Sushma
priya (Guest)
+29
DB
79°F Mostly sunny
Type here to search
82°F Mostly sunny
ENG
15:54
17-12-2021


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.

A Report on
5 Day Workshop on PHP with MYSQL

Bharatiya Vidya Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce

Sainikpuri, Secunderabad - 500094

Autonomous College, Affiliated to O.U.

Accredited with 'A' grade by NAAC

PHP WITH MYSQL WORKSHOP

for BCA/B.Sc IInd and IIIrd year Students

from 29-11-2021 TO 03-12-2021

3:00 PM TO 4:30PM

Organized by

Department of Computer Science

Under DBT-Star College Scheme

Resource Person

Singoji Vinay Kumar Chary

Program Officer - IT

Watershed Support Services and Activities Network

Nagole, Hyderabad, Telangana

E-Certificate will be provided

Platform Teams : Click here

Coordinators:

Mr. N. Bhaskar
9347983943
Mr. G. Mahesh Kumar
9849874907

A Report on
5 Day Workshop on PHP with MYSQL
29th November to 3rd December 2021

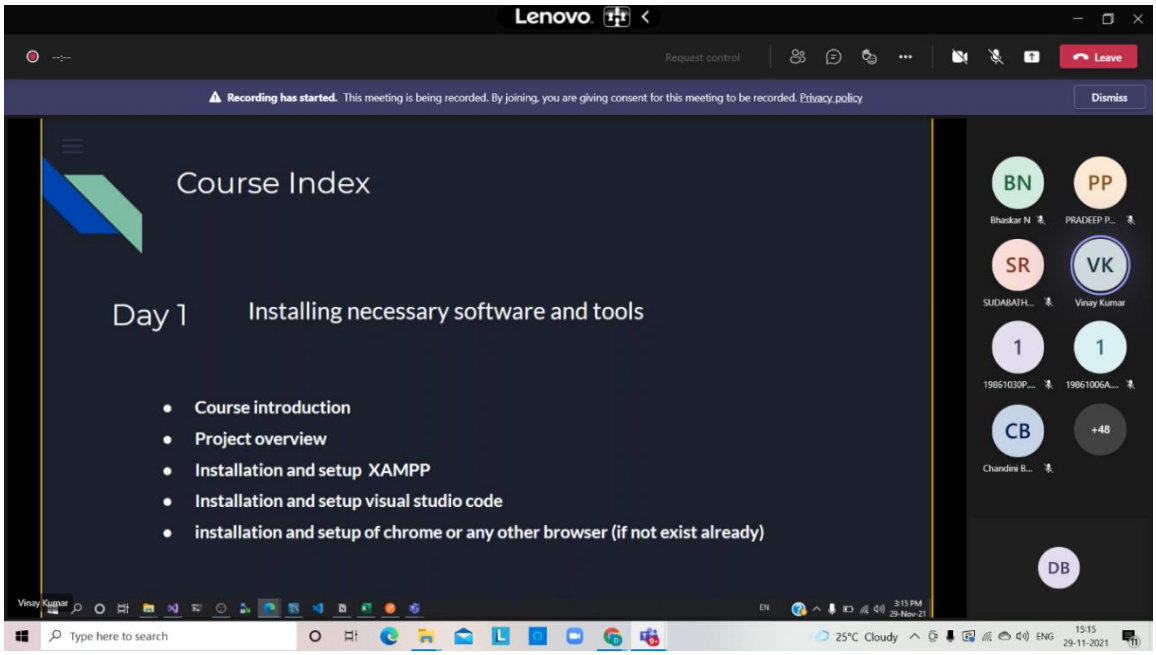
Department of Computer Science had organized 5 Day Workshop on PHP with MYSQL through online mode under **DBT- Star College Scheme**, from 29th November to 3rd December 2021 for B.Sc and BCA II and III year students.

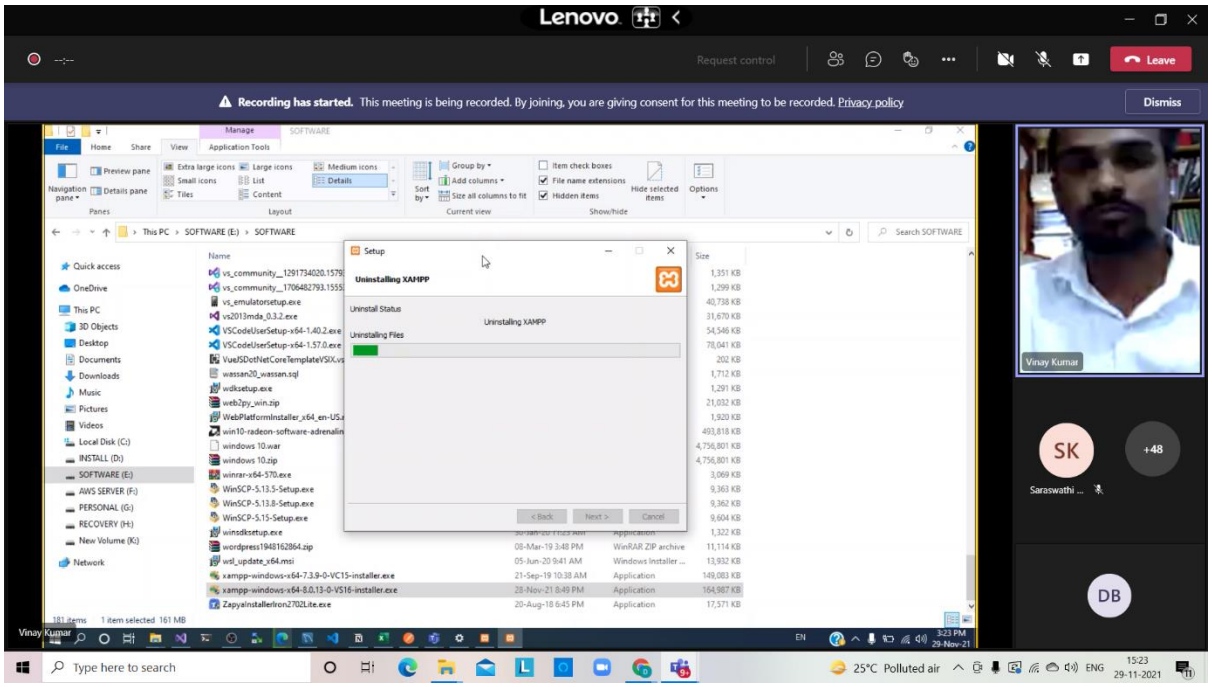
The Resource person invited for the session was, Mr.S Vinay Kumar Chary Program Officer - IT Watershed Support Services and Activities Network Nagole, Hyderabad, Telangana.

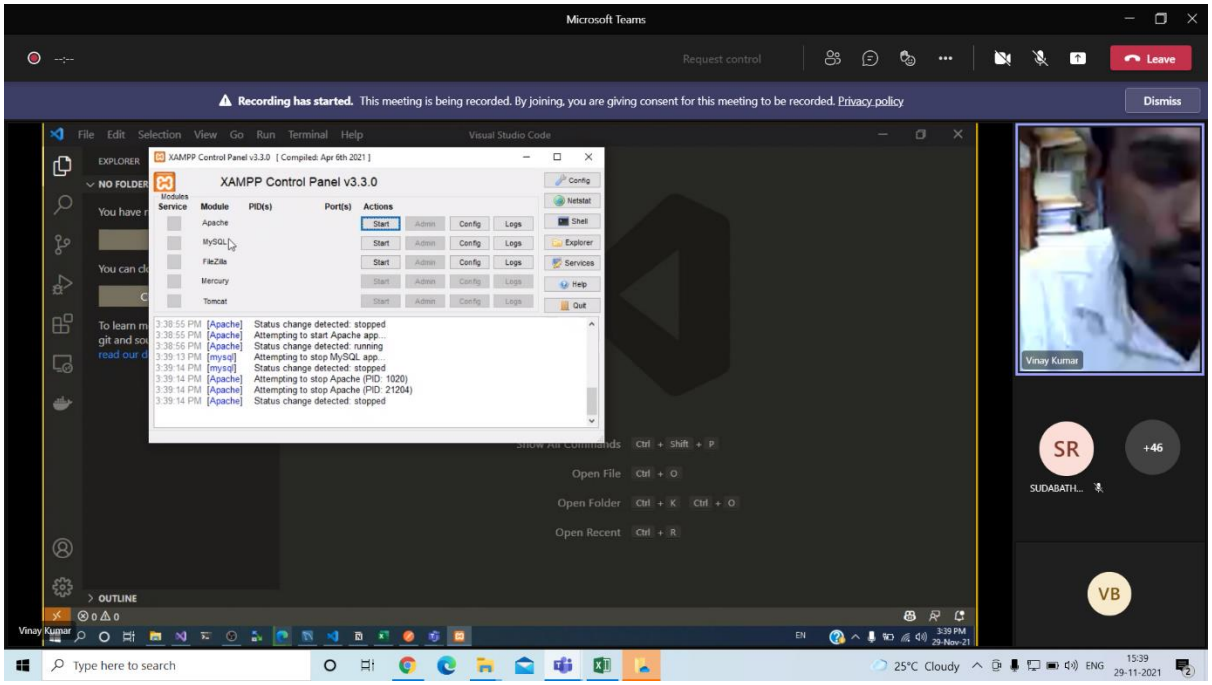
The workshop started at 3:00 p.m with the welcome address given by Mr.N.Bhaskar, Lecturer, Department of Computer Science welcomed him as Alumini of Bhavan's Vivekananda College. The session was taken over by Mr.Vinay Kumar , he briefed about day wise schedule for 5 Day workshop and gave introduction about PHP and MY SQL There were a total of 100 participants including faculty and students of various streams for the Workshop.

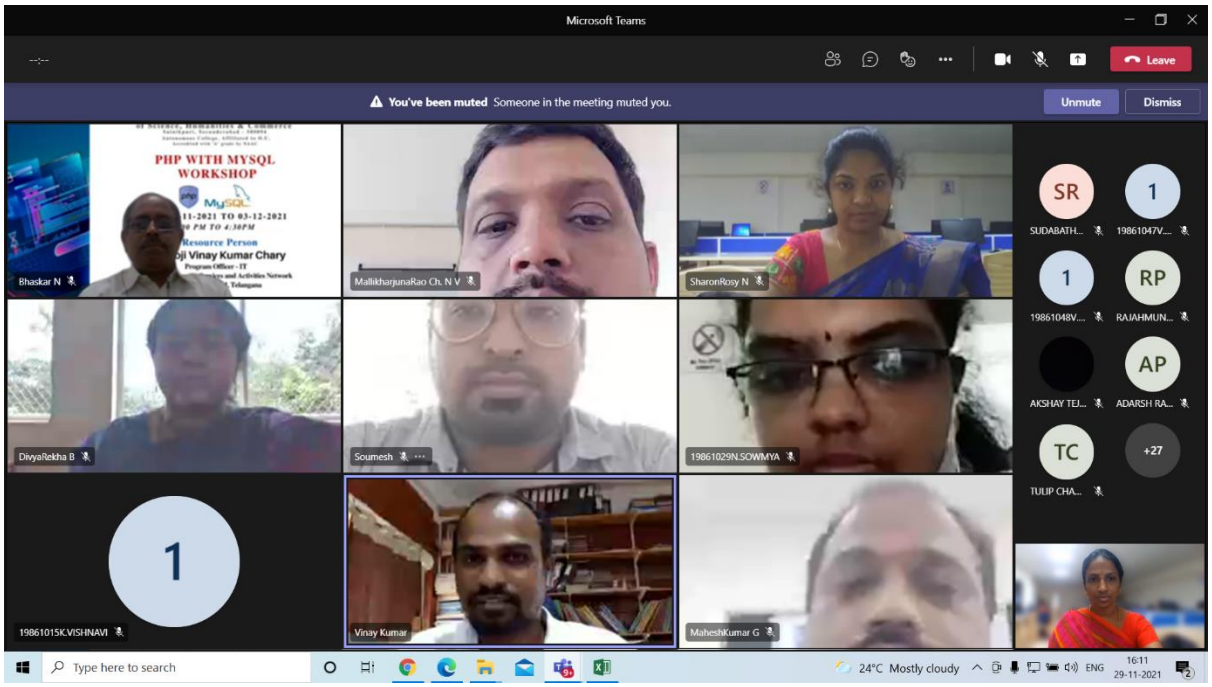
The five-day schedule:

Day 1:
He explained about necessary tools needed to install and explained how to setup visual studio code practically and also highlighted the points on project implementation basing on these tools.


Lenovo
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Course Index
Day 1
Installing necessary software and tools
Course introduction
Project overview
Installation and setup XAMPP
Installation and setup visual studio code
installation and setup of chrome or any other browser (if not exist already)
BN
Bhaskar N
PP
PRADEEP P...
SR
SUDABATH...
VK
Vinay Kumar
1
1
CB
Chandini B...
+48
DB
Vinay Kumar
Type here to search
25°C Cloudy
ENG
15:15
29-11-2021


Lenovo
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Setup
Uninstalling XAMPP
Uninstall Status
Uninstalling XAMPP
Uninstalling Files
Vinay Kumar
SK
Saraswathi ...
+48
DB
Vinay Kumar
Type here to search
25°C Polluted air
ENG
15:23
29-11-2021


Microsoft Teams
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
XAMPP Control Panel v3.3.0
Vinay Kumar
SR
SUDABATH...
+46
VB
Type here to search
25°C Cloudy
ENG
15:39
29-11-2021

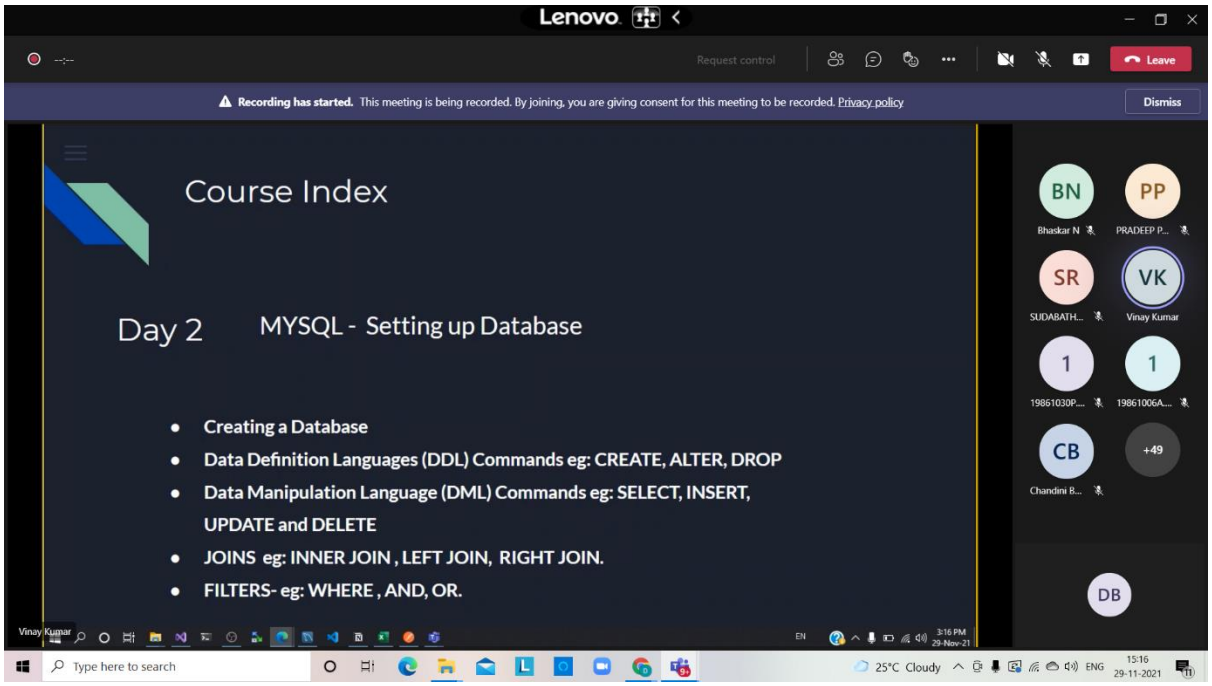

Microsoft Teams
Leave
You've been muted Someone in the meeting muted you.
Unmute
Dismiss
PHP WITH MYSQL WORKSHOP
Resource Person
Bhaskar N
MallikharjunaRao Ch. N V
SharonRosy N
DivyaRekha B
Soumesh
19861029N.SOWMYA
19861015K.VISHNAVI
Vinay Kumar
MaheshKumar G
SR
SUDABATH...
1
19861047V...
1
19861048V...
RP
RAJAHMUN...
AP
ADARSH RA...
TC
TULIP CHA...
+27
Type here to search
24°C Mostly cloudy
ENG
16:11
29-11-2021

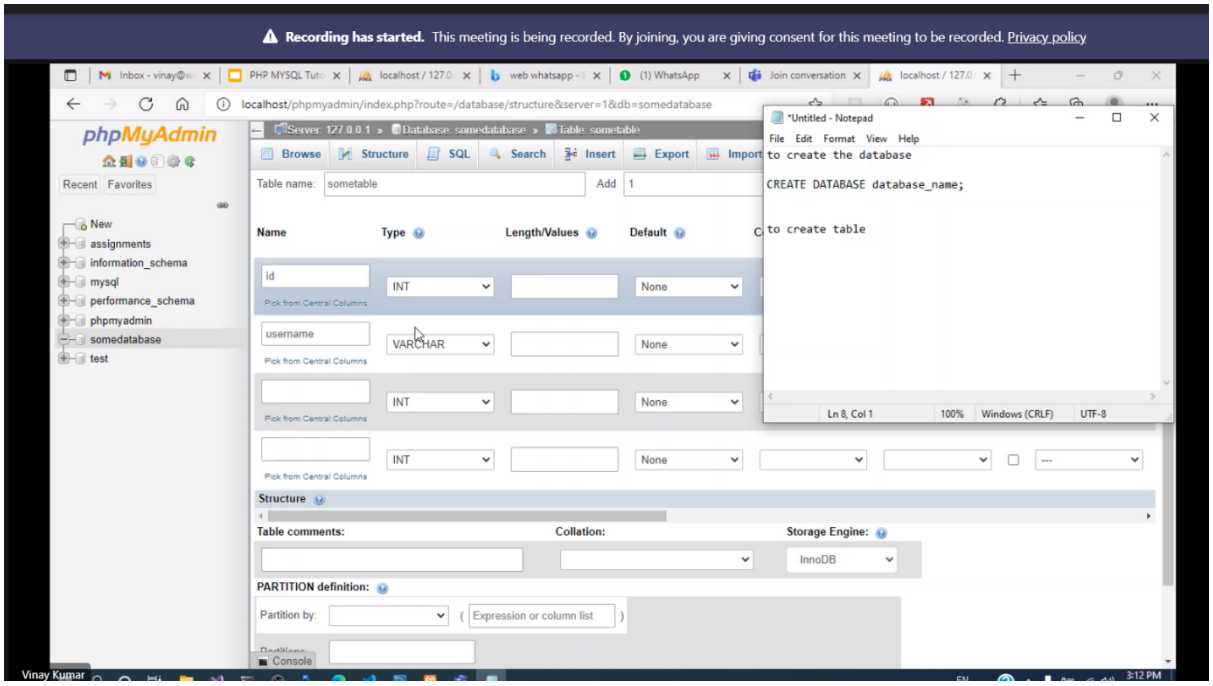
Day 2:

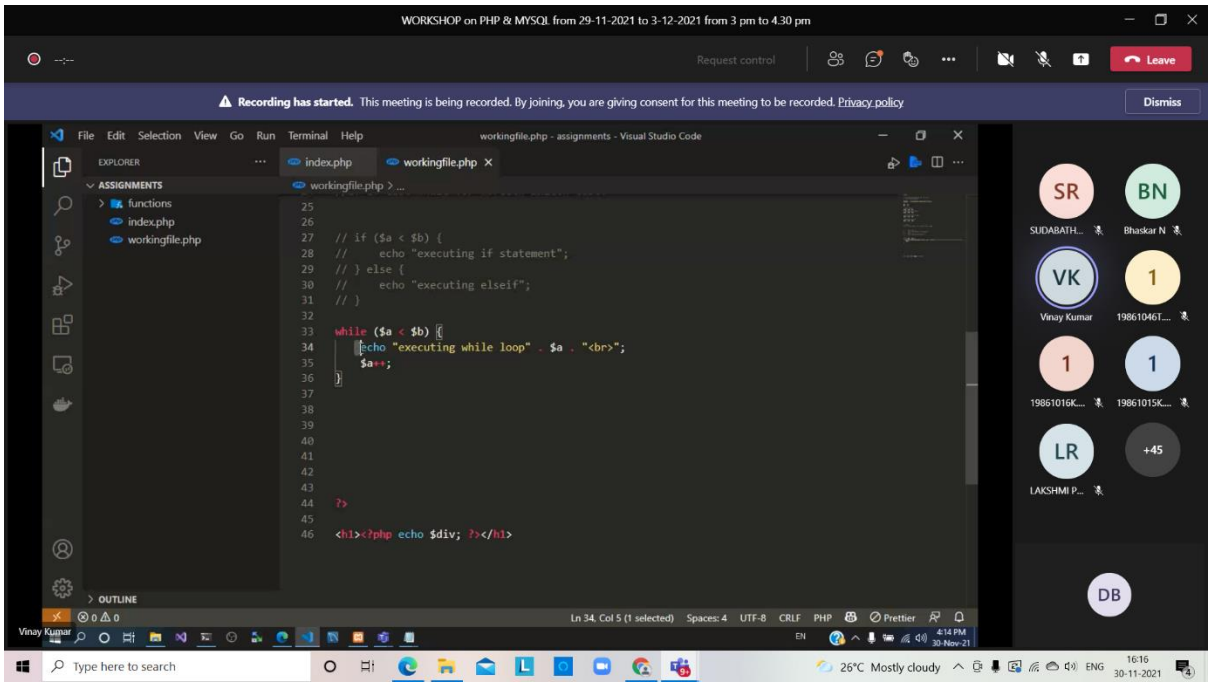
Day 2 Session started with MYSQL Mr. S Vinay Kumar explain creating Database and table in SQL and assigning datatypes to the variables using the software and practically showed students to execute queries

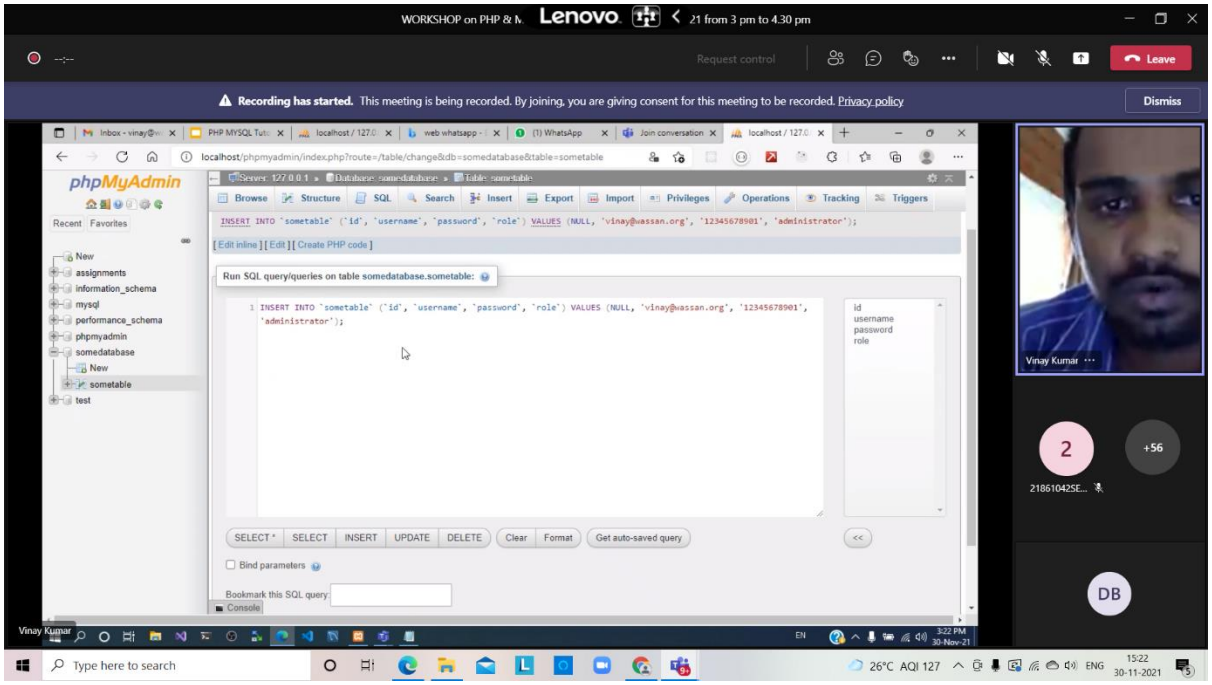
He explained queries on DDL commands like CREATE, ALTER, DROP ETC.
Showed how to implement Filters like WHERE, AND, OR.

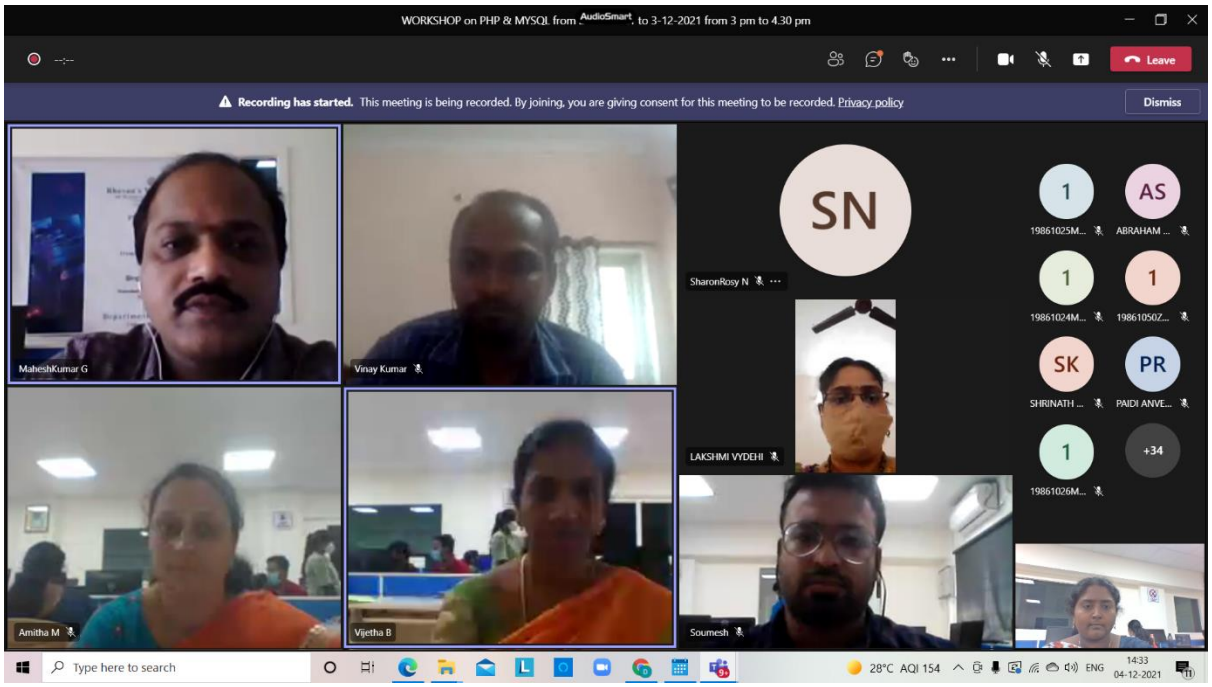
Mr. Vinay Kumar explained about types of JOINS like INNER JOIN, RIGHT JOIN, LEFT JOIN and practically executed queries on joins.




Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
phpMyAdmin
Browse
Structure
SQL
Search
Insert
Export
Import
Table name: sometable
Name
Type
Length/Values
Default
id
username
VARCHAR
INT
None
Structure
Table comments:
Collation:
Storage Engine:
InnoDB
PARTITION definition:
Partition by:
Expression or column list
Console
*Untitled - Notepad
File Edit Format View Help
to create the database
CREATE DATABASE database_name;
to create table
Ln 8, Col 1
100%
Windows (CRLF)
UTF-8
Vinay Kumar
3:12 PM


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
workingfile.php - assignments - Visual Studio Code
EXPLORER
ASSIGNMENTS
functions
index.php
workingfile.php
// if ($a < $b) {
// echo "executing if statement";
// } else {
// echo "executing elseif";
// }
while ($a < $b) {
echo "executing while loop" . $a . "<br>";
$a++;
}
?>
<h1><?php echo $div; ?></h1>
OUTLINE
Ln 34, Col 5 (1 selected)
Spaces: 4
UTF-8
CRLF
PHP
Prettier
SUDABATH...
Bhaskar N
Vinay Kumar
LAKSHMI P...
+45
DB
Vinay Kumar
Type here to search
26°C Mostly cloudy
ENG
16:16
30-11-2021

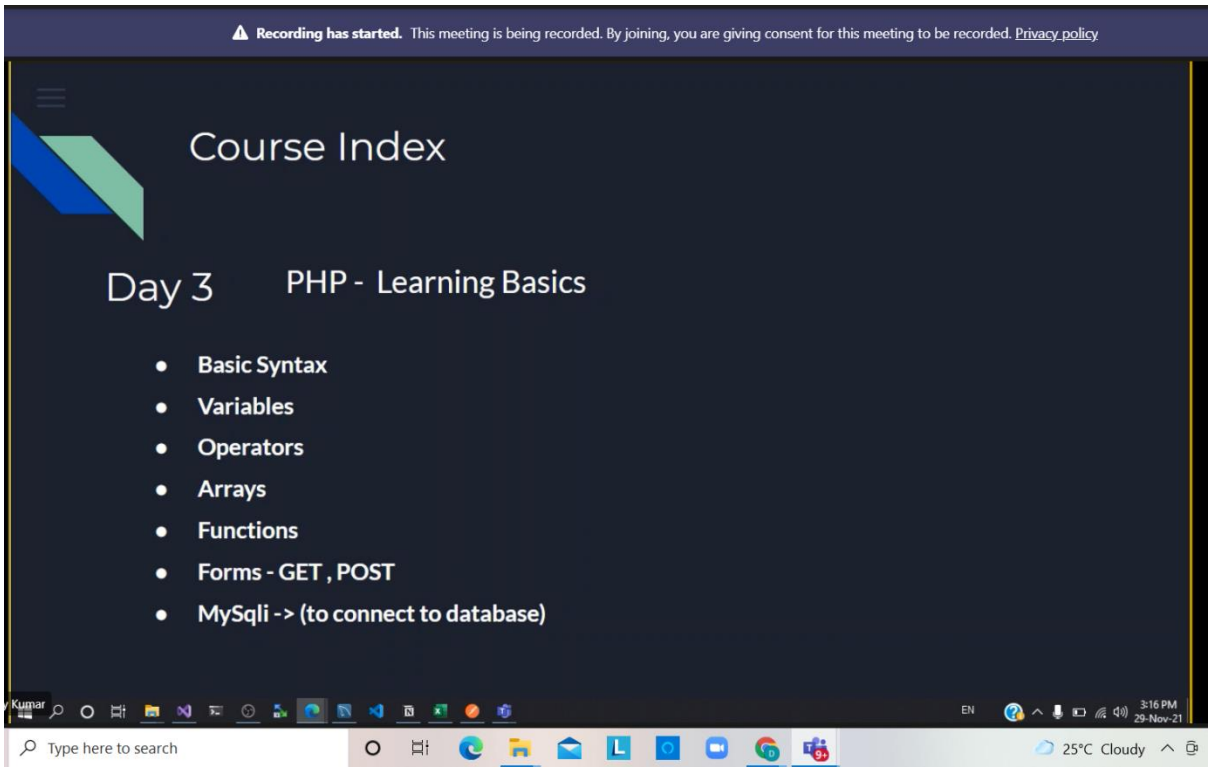

WORKSHOP on PHP & M... Lenovo 21 from 3 pm to 4.30 pm
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
phpMyAdmin
Run SQL query/queries on table somedatabase.sometable:
Vinay Kumar
2
+56
DB
Type here to search
26°C AQI 127
ENG
15:22
30-11-2021

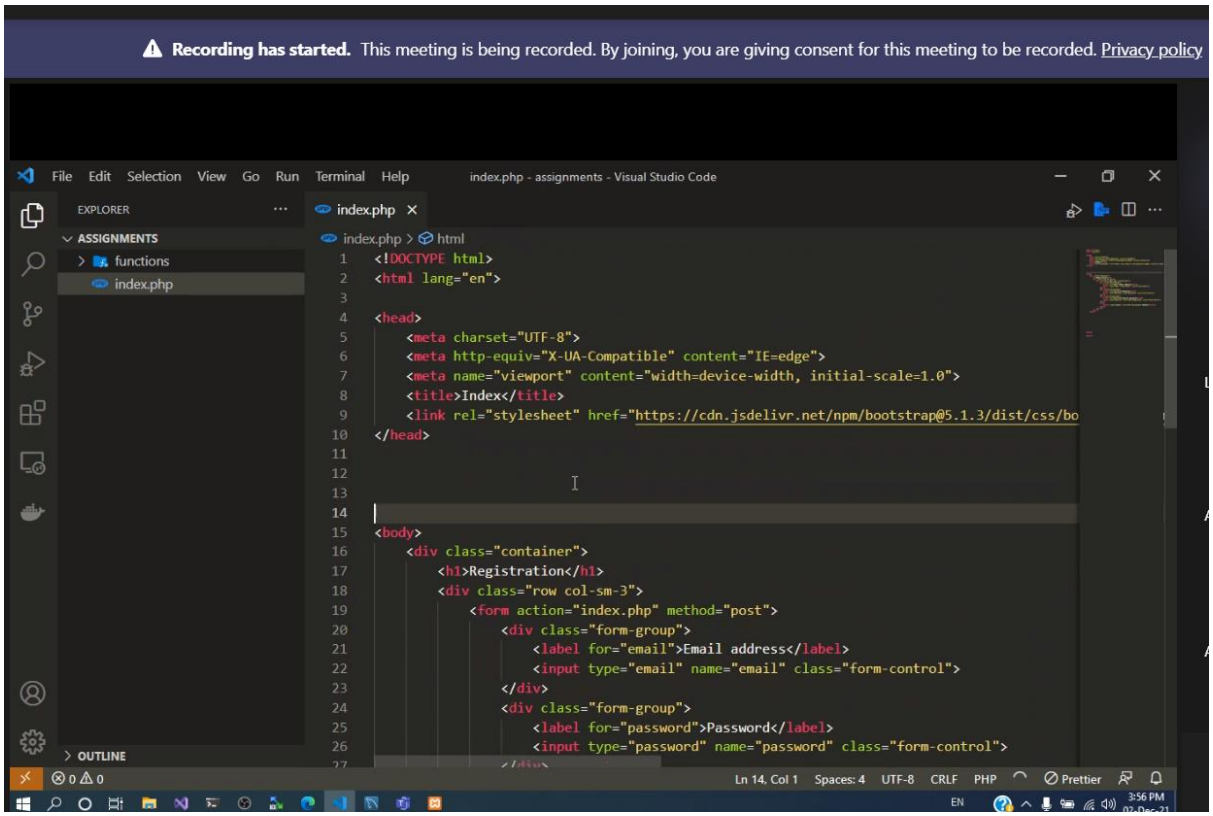

WORKSHOP on PHP & MYSQL from AudioSmart to 3-12-2021 from 3 pm to 4.30 pm
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
MaheshKumar G
Vinay Kumar
SN
SharonRosy N
LAKSHMI VYDEHI
Amitha M
Vijetha B
Soumesh
AS
ABRAHAM ...
SK
SHRINATH ...
PR
PAIDI ANVE...
+34
Type here to search
28°C AQI 154
ENG
14:33
04-12-2021

Day :3

The 3rd day of Workshop started with basics of PHP its syntax, variables in PHP.Mr. Vinay Kumar described about different types of operators, implementation of Arrays and Functions in PHP and also implementation of it in project

He clearly explained about different FORMS like GET and POST. Mr.Vinay cleared all the doubts of students with good patience and also highlighted on how to connect to database in MY SQL.

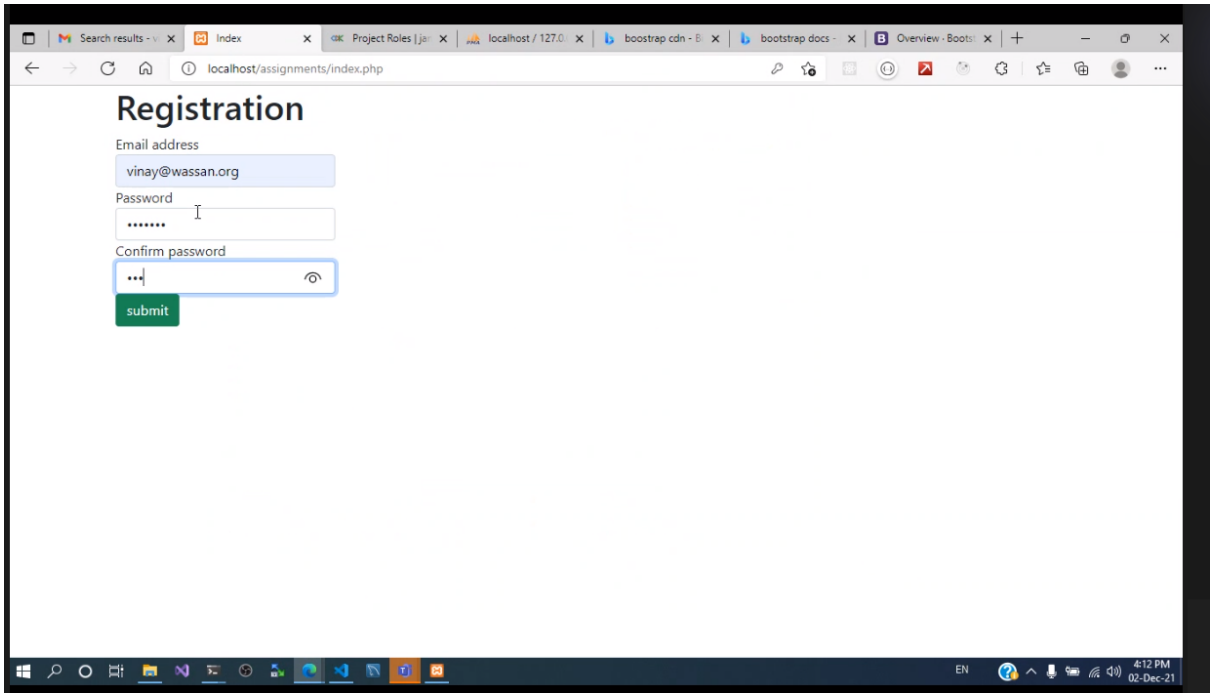


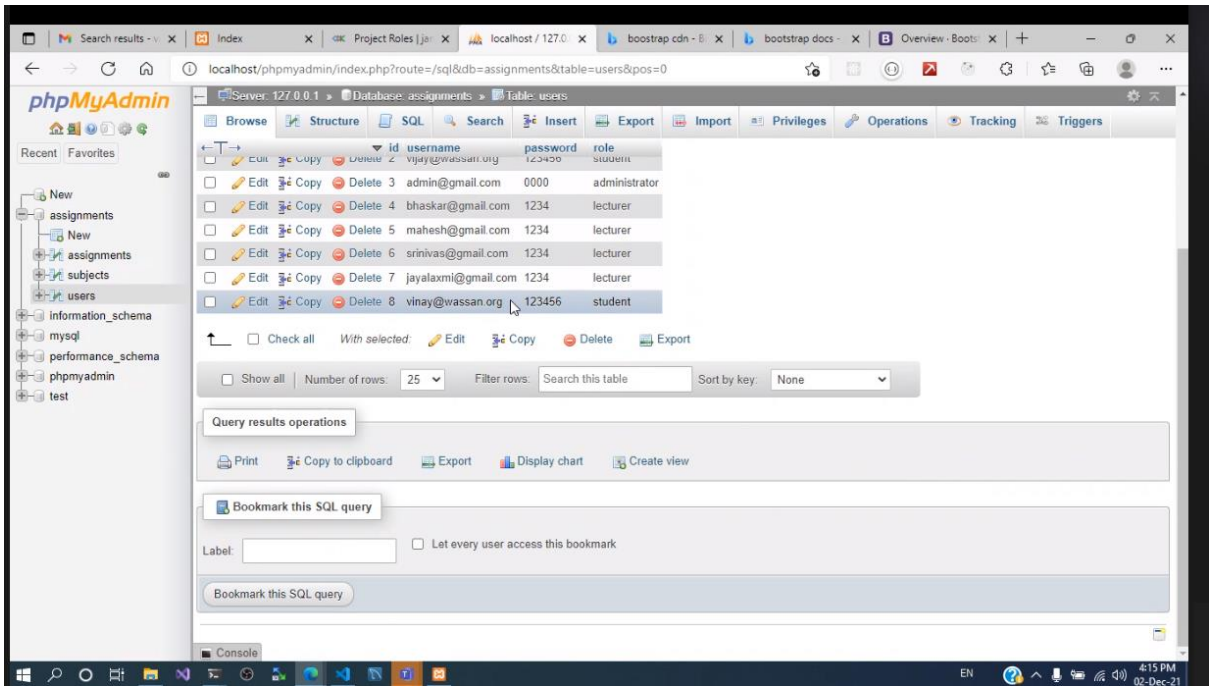



```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Index</title>
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bo
</head>


<body>
    <div class="container">
        <h1>Registration</h1>
        <div class="row col-sm-3">
            <form action="index.php" method="post">
                <div class="form-group">
                    <label for="email">Email address</label>
                    <input type="email" name="email" class="form-control">
                </div>
                <div class="form-group">
                    <label for="password">Password</label>
                    <input type="password" name="password" class="form-control">
```


Registration
Email address
vinay@wassan.org
Password
Confirm password
submit

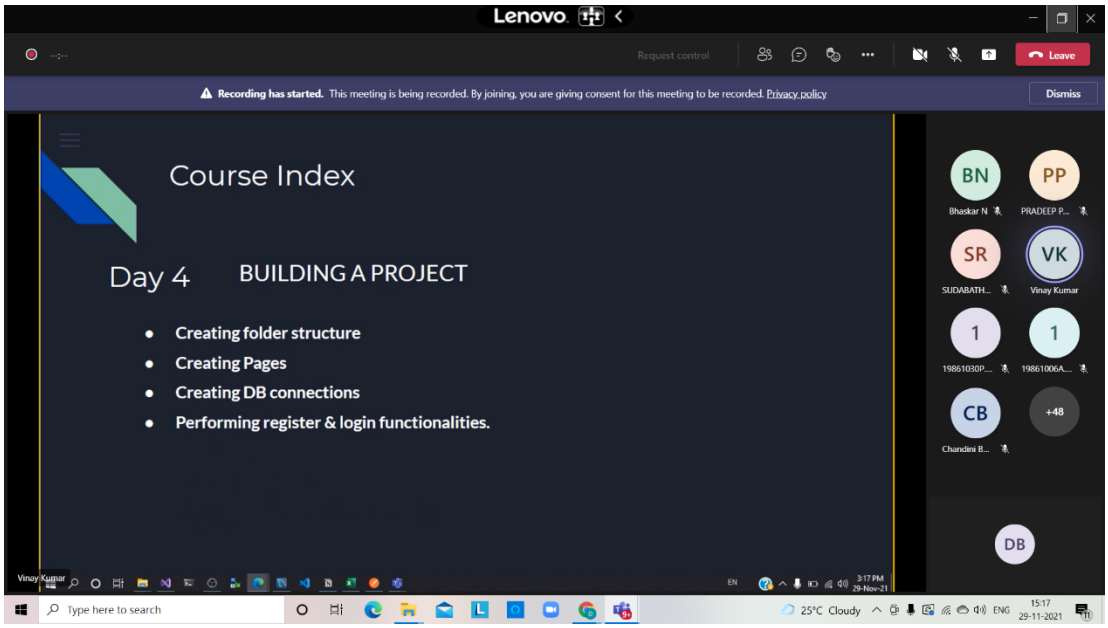

phpMyAdmin
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Query results operations
Bookmark this SQL query

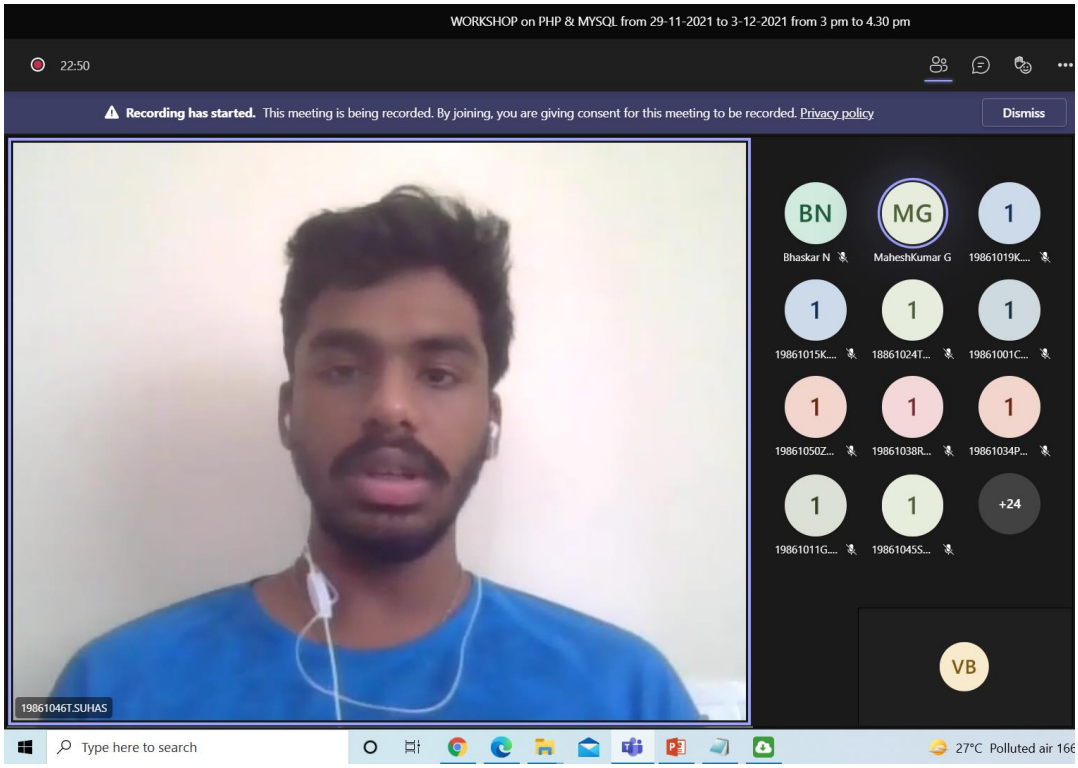
Day 4:

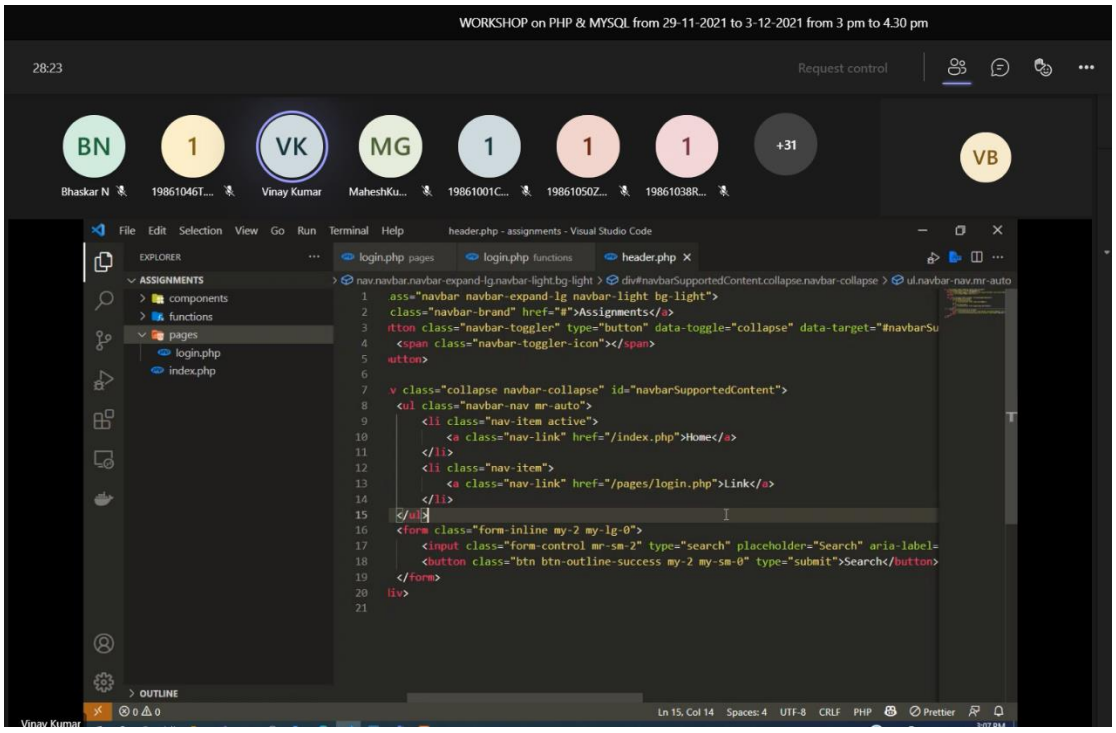
Day 4 of Workshop started with how to build a project. Mr.Vinay just briefed about the previous day topics and started session by explaining how to create Folder structure and create pages in the Folder .

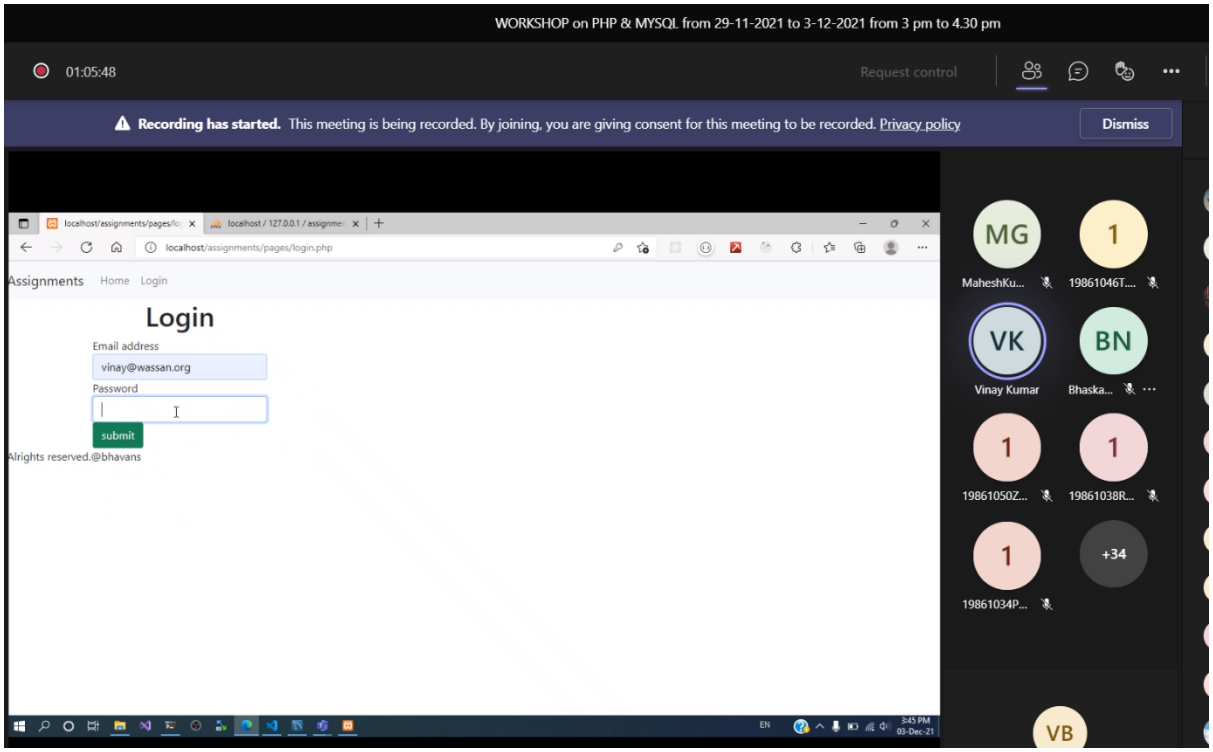
He created live Database and showed clearly how to connect the Databases in PHP. He has taken live example of “Register Database” explained how to register and Login formalities.

The session was very informative and students asked many doubts in creating Database and connecting it.




WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
22:50
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
BN
Bhaskar N
MG
MaheshKumar G
19861019K....
19861015K....
18861024T...
19861001C...
19861050Z...
19861038R...
19861034P...
19861011G....
19861045S...
+24
VB
19861046T.SUHAS
Type here to search
27°C Polluted air


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
28:23
Request control
BN
Bhaskar N
19861046T...
VK
Vinay Kumar
MG
MaheshKu...
19861001C...
19861050Z...
19861038R...
+31
VB
File Edit Selection View Go Run Terminal Help
header.php - assignments - Visual Studio Code
EXPLORER
ASSIGNMENTS
components
functions
pages
login.php
index.php
login.php pages
login.php functions
header.php
OUTLINE
Ln 15, Col 14 Spaces: 4 UTF-8 CRLF PHP Prettier


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
01:05:48
Request control
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
localhost/assignments/pages/login.php
Assignments
Home
Login
Login
Email address
vinay@wassan.org
Password
submit
Alrights reserved.@bhavans
MG
MaheshKu...
1
19861046T....
VK
Vinay Kumar
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Bhaska...
1
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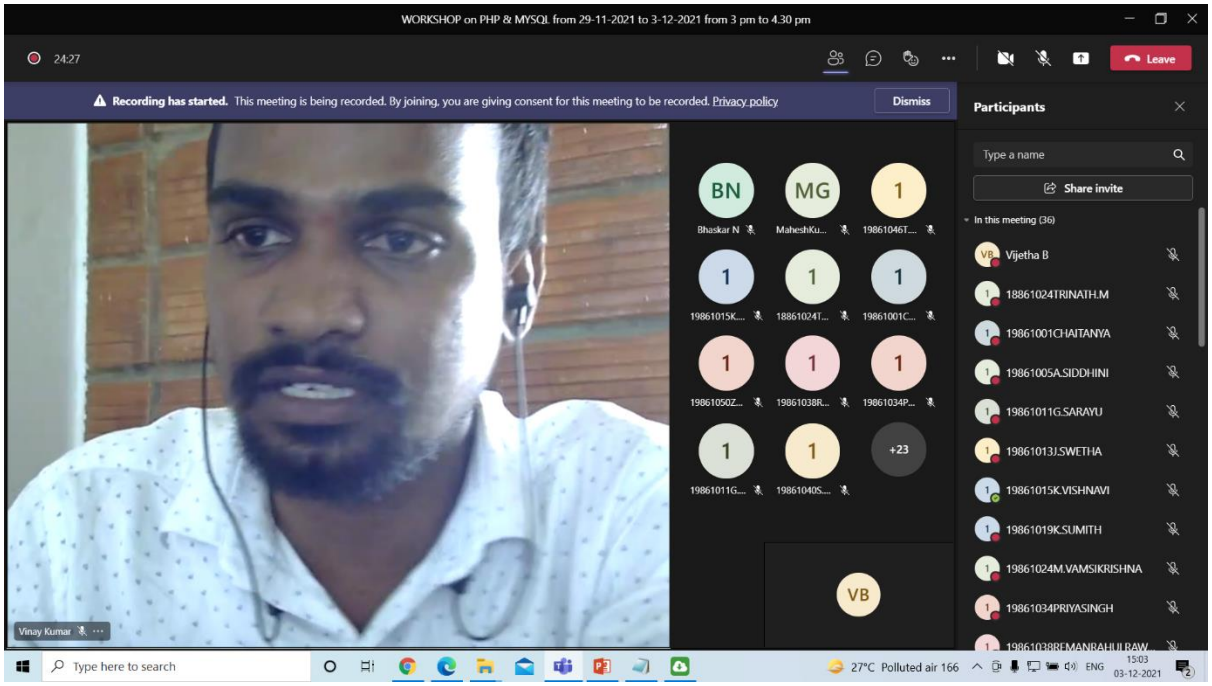
VB


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
24:27
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
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Vinay Kumar
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MG
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18861024T...
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19861001C...
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19861050Z...
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19861038R...
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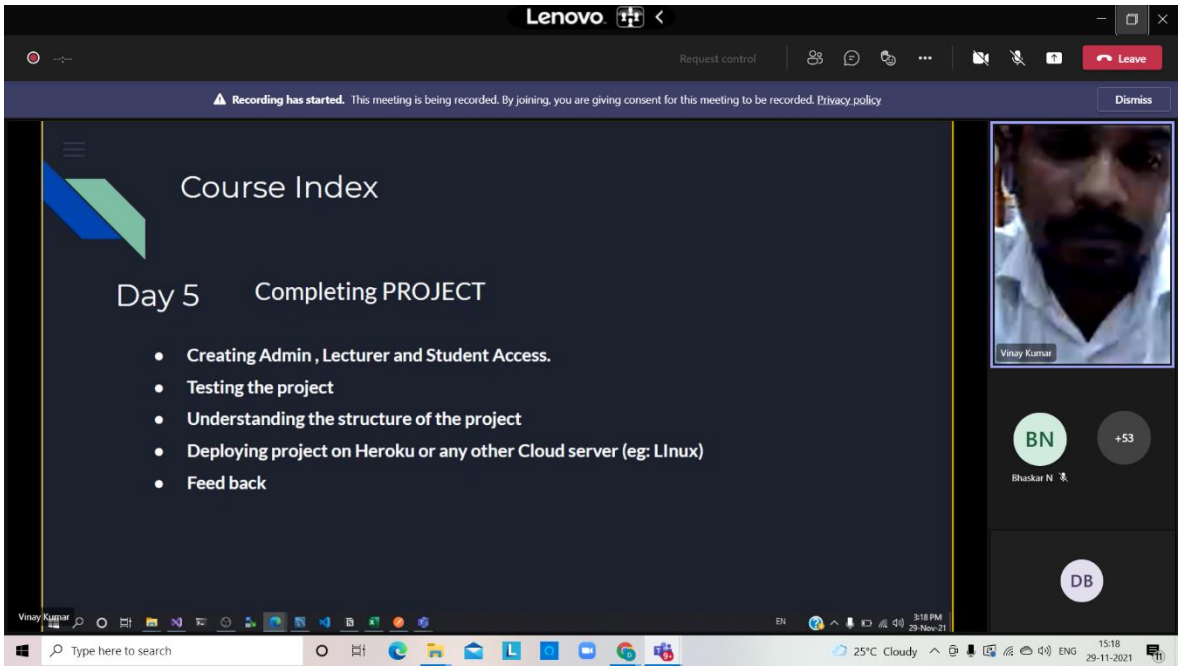
19861034P...
1
19861011G....
1
19861040S....
+23
VB
Participants
Type a name
Share invite
In this meeting (36)
Vijetha B
18861024TRINATH.M
19861001CHAITANYA
19861005A.SIDDHINI
19861011G.SARAYU
19861013J.SWETHA
19861015K.VISHNAVI
19861019K.SUMITH
19861024M.VAMSIKRISHNA
19861034PRIYASINGH
Type here to search
27°C Polluted air 166
ENG
15:03
03-12-2021

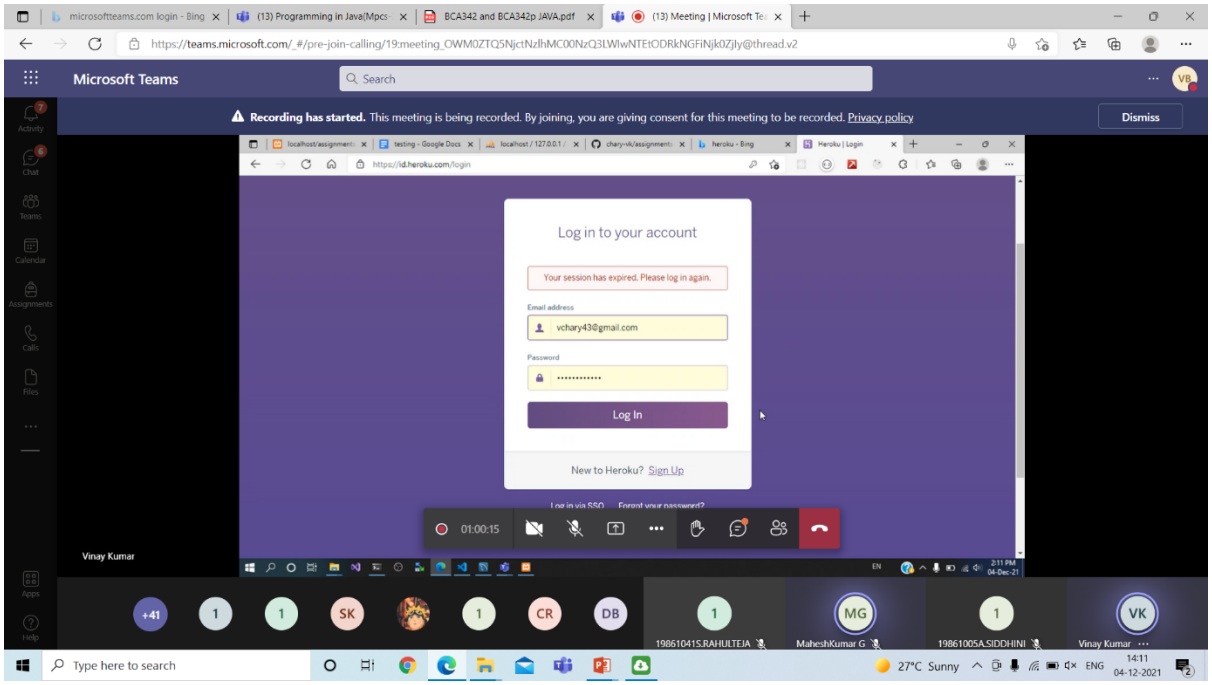
Day 5:

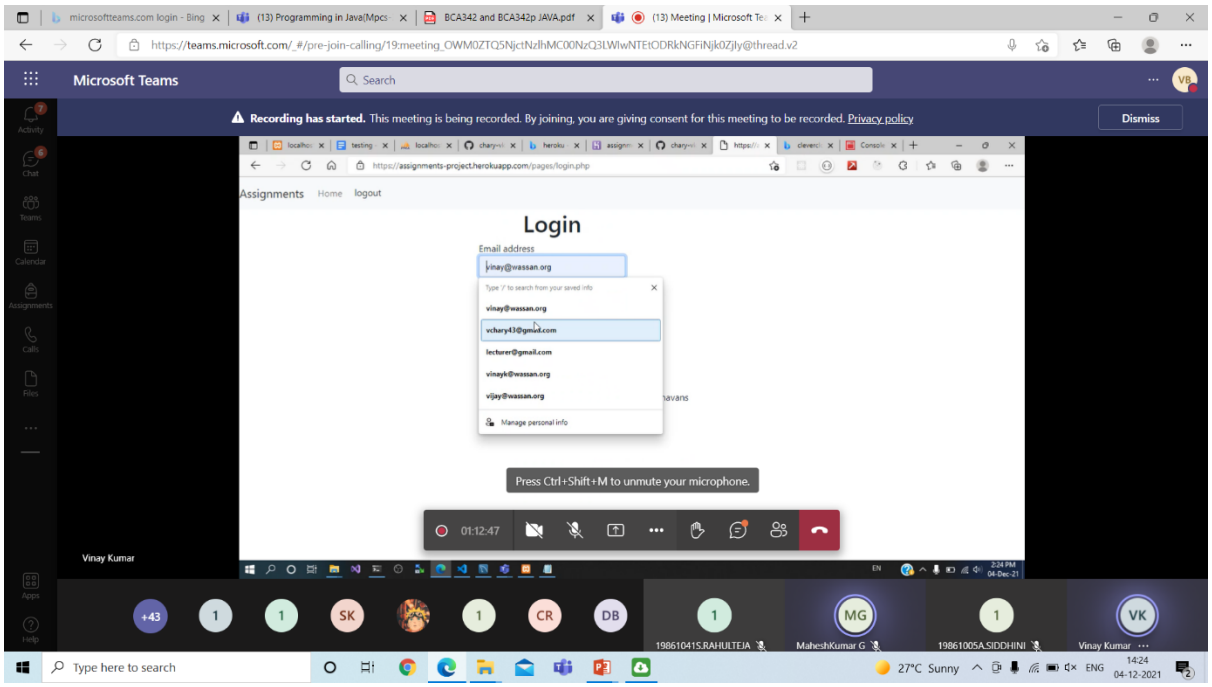
Last day of Workshop started at 3:00 p.m wherein Mr. Vinay Kumar Chary created Admin and explained student access to it in detail.

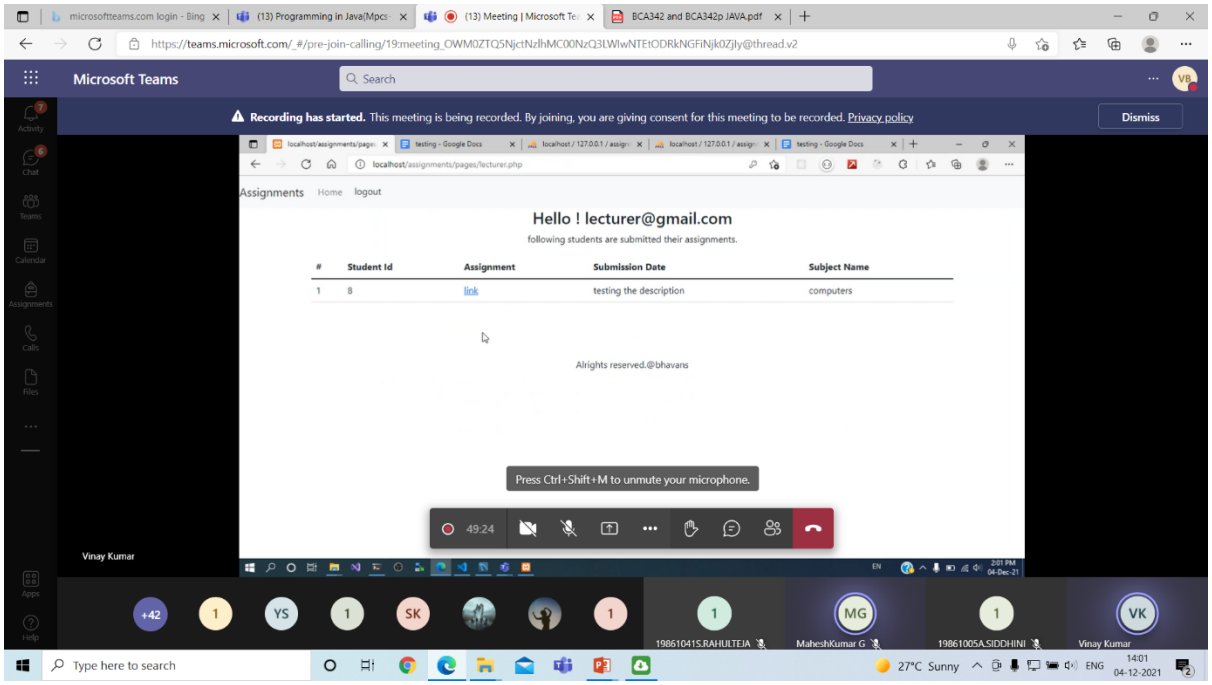
He described structure of the project,Deploying project on Heroku or any other Cloud Server like Linux.

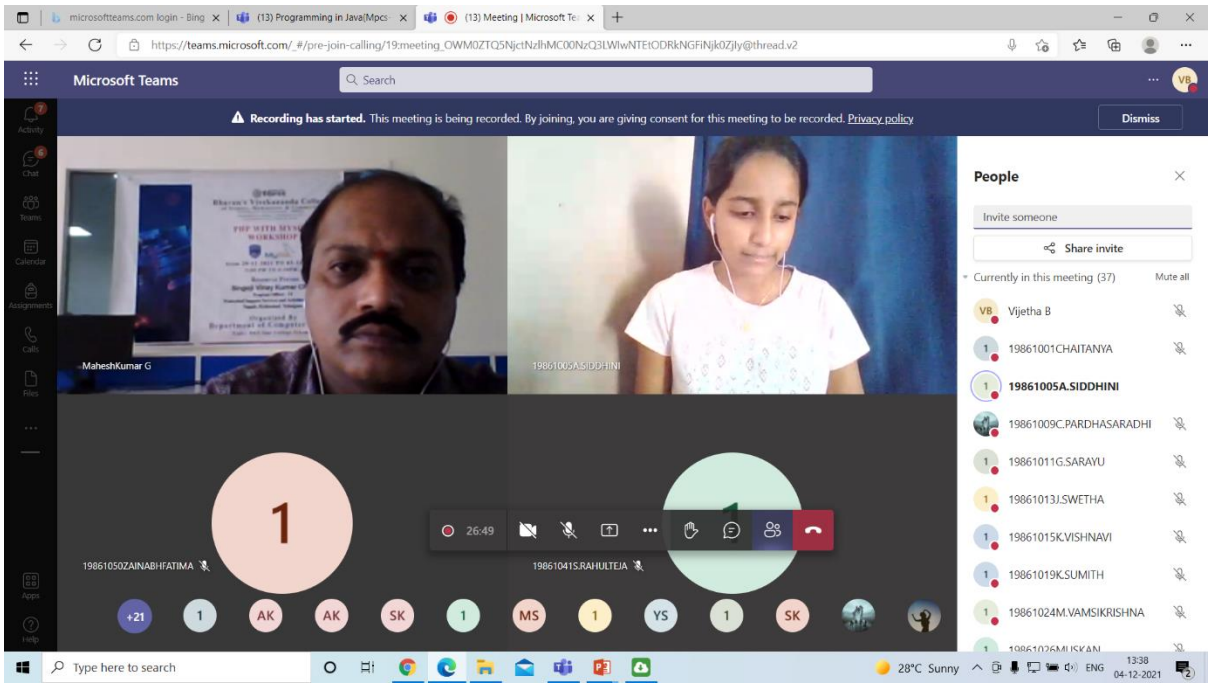
He also showed how to test the project in detail.

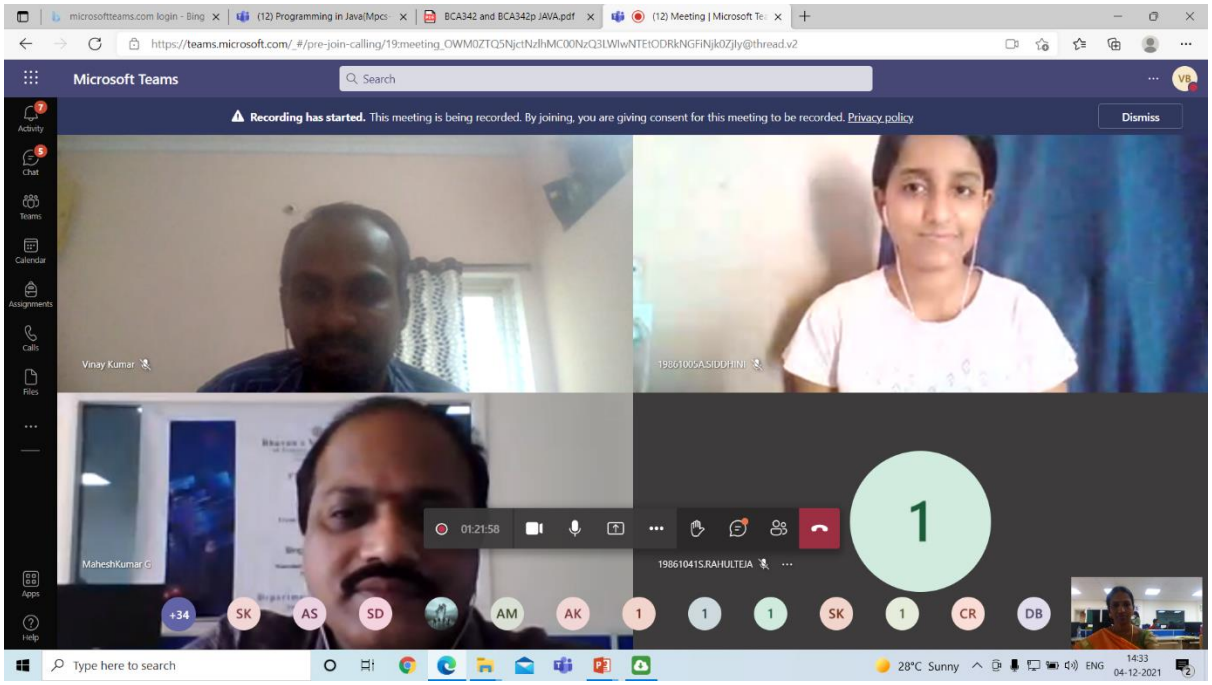



Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Log in to your account
Your session has expired. Please log in again.
Email address
vchary43@gmail.com
Password
Log In
New to Heroku? Sign Up
01:00:15
Vinay Kumar
19861041S.RAHULTEJA
MaheshKumar G
19861005A.SIDDHINI
Vinay Kumar
Type here to search
27°C Sunny
ENG
14:11
04-12-2021


Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Assignments
Home
logout
Login
Email address
vinay@wassan.org
vinay@wassan.org
vchary43@gmail.com
lecturer@gmail.com
vinayk@wassan.org
vijay@wassan.org
Manage personal info
Press Ctrl+Shift+M to unmute your microphone.
01:12:47
Vinay Kumar
19861041S.RAHULTEJA
MaheshKumar G
19861005A.SIDDHINI
Vinay Kumar
Type here to search
27°C Sunny
ENG
14:24
04-12-2021


Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Assignments
Home
logout
Hello ! lecturer@gmail.com
following students are submitted their assignments.
Student Id Assignment Submission Date Subject Name
1 8 link testing the description computers
Alrights reserved.@bhavans
Press Ctrl+Shift+M to unmute your microphone.
49:24
Vinay Kumar
19861041S.RAHULTEJA
MaheshKumar G
19861005A.SIDDHINI
Vinay Kumar
Type here to search
27°C Sunny
ENG
14:01
04-12-2021


Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
MaheshKumar G
19861005A.SIDDHINI
People
Invite someone
Share invite
Currently in this meeting (37)
Mute all
Vijetha B
19861001CHAITANYA
19861005A.SIDDHINI
19861009C.PARDHASARADHI
19861011G.SARAYU
19861013J.SWETHA
19861015K.VISHNAVI
19861019K.SUMITH
19861024M.VAMSIKRISHNA
26:49
19861050ZAINABHFATIMA
19861041S.RAHULTEJA
Type here to search
28°C Sunny
ENG
13:38
04-12-2021



The session concluded with the vote of thanks proposed by Mr. G Mahesh Kumar, Assistant Professor, Department of Computer Science and BCA Programme Coordinator, thanking the speaker and Alumini Mr.Vinay Kumar Chary and the audience for their active participation.

Students gave very good feedback and suggested for more such sessions.

Report on International Webinar on "Ethical Hacking"

Report on International Webinar on "Ethical Hacking"

An International Webinar on "Ethical Hacking"was conducted by the Department of Computer Science, under the DBT Star College scheme, on 26h November, 2021.

The speaker for the Webinar was Mr. Srinivasrao Kotipalli, who works for Global Bank in Singapore as a Senior Cyber Security Manager. He is also an Offensive Security Certified Professional (OSCP) and Offensive Security Certified Expert(OSCE). Mr. N. Bhaskar, Lecturer, Department of Computer Science, welcomed the guest speaker.

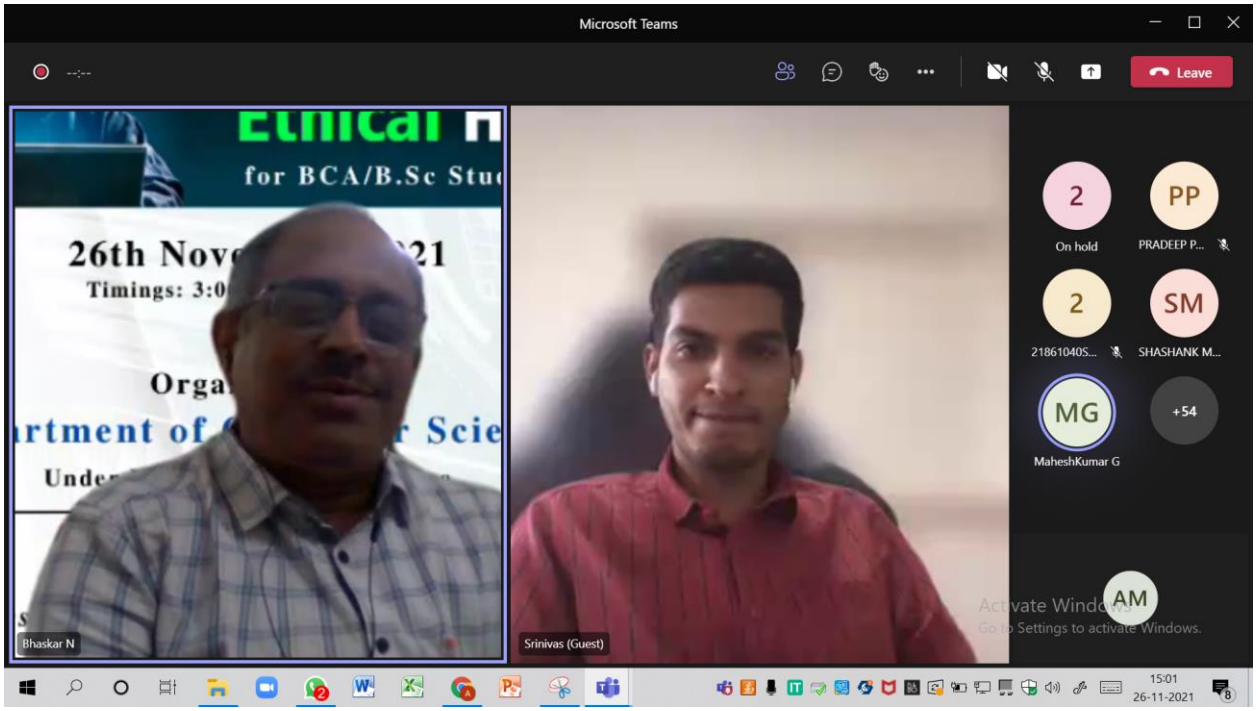
He focused on various topics related to Ethical hacking and Information Security.

Mr. Srinivas highlighted on the need for Security and what Hacking is. He also focused on how Web Application Security is provided.

He also briefed to the students as to who are the different types of Hackers and what do they do, like Black Hat Hackers, White Hat Hackers, Grey Hat Hackers, Hacktivists, Script Kiddies.

He also ran a sample Hacking Code and showed the minimal instructions that are executed for the data to be stolen.

Mr Srinivas also educated the students about 'Careers in Information Security' – He also mentioned the various roles in the industry in the field of Information Security such as - Penetration Testing (Ethical Hacking), Red Team, Yellow Teams, Digital Forensics, Security Operations Center,Security Architects, Bug Bounties, Security Blogging, Security Training-Online and Offline, Freelancing etc.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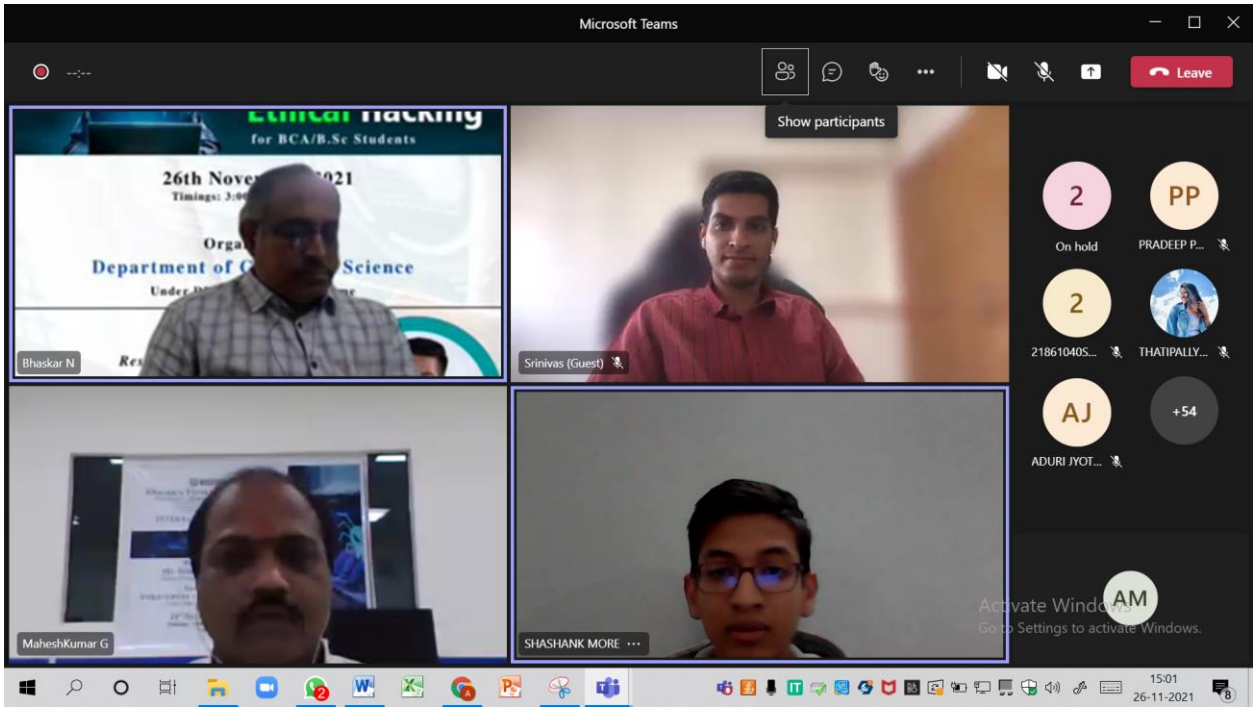
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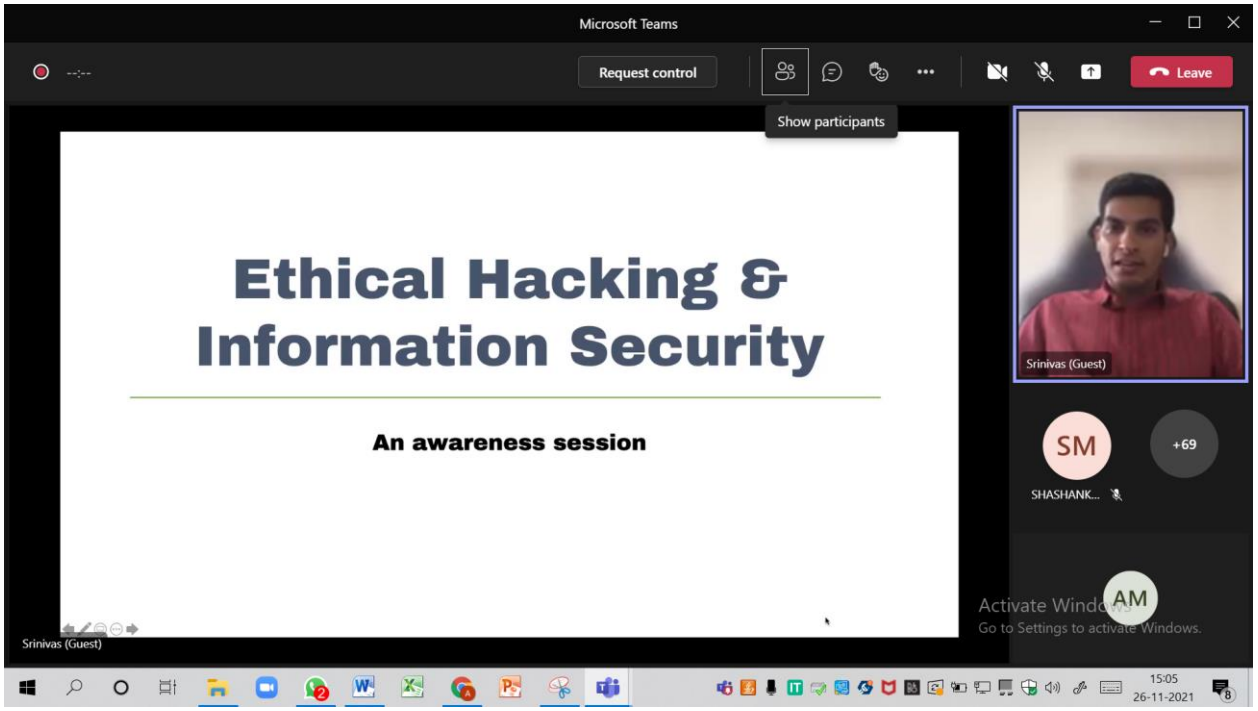
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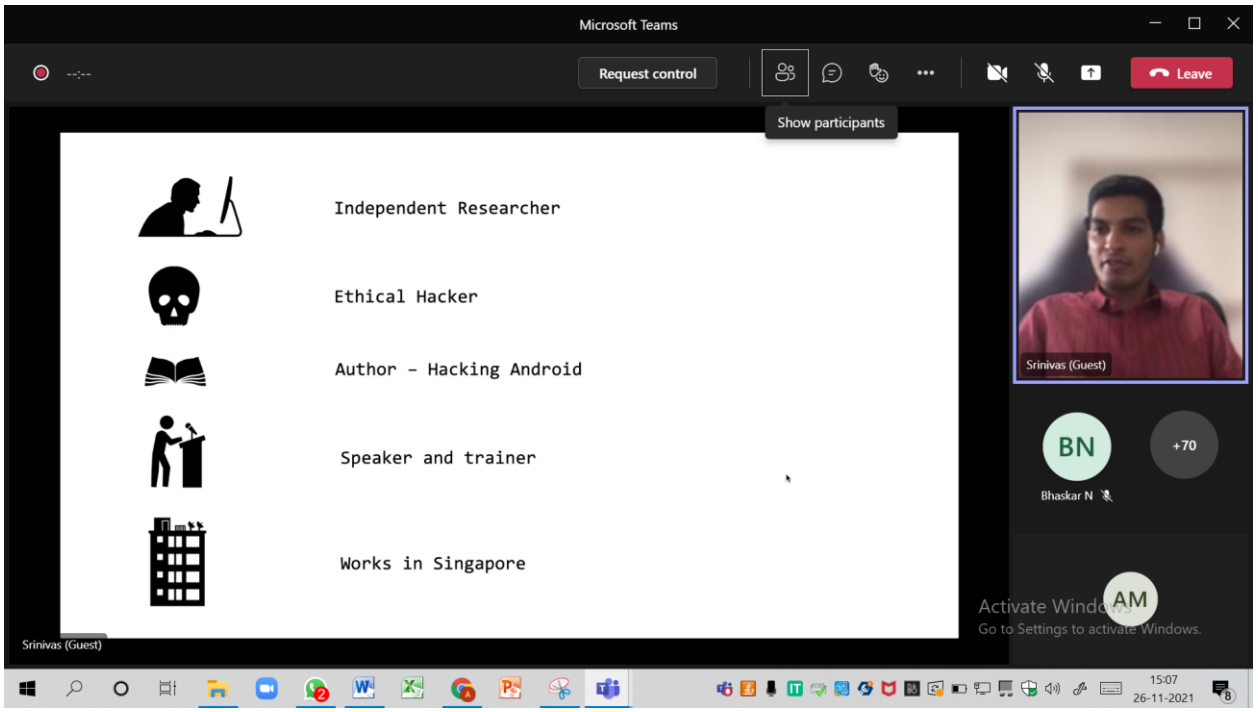
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Ethical Hacker
Author – Hacking Android
Speaker and trainer
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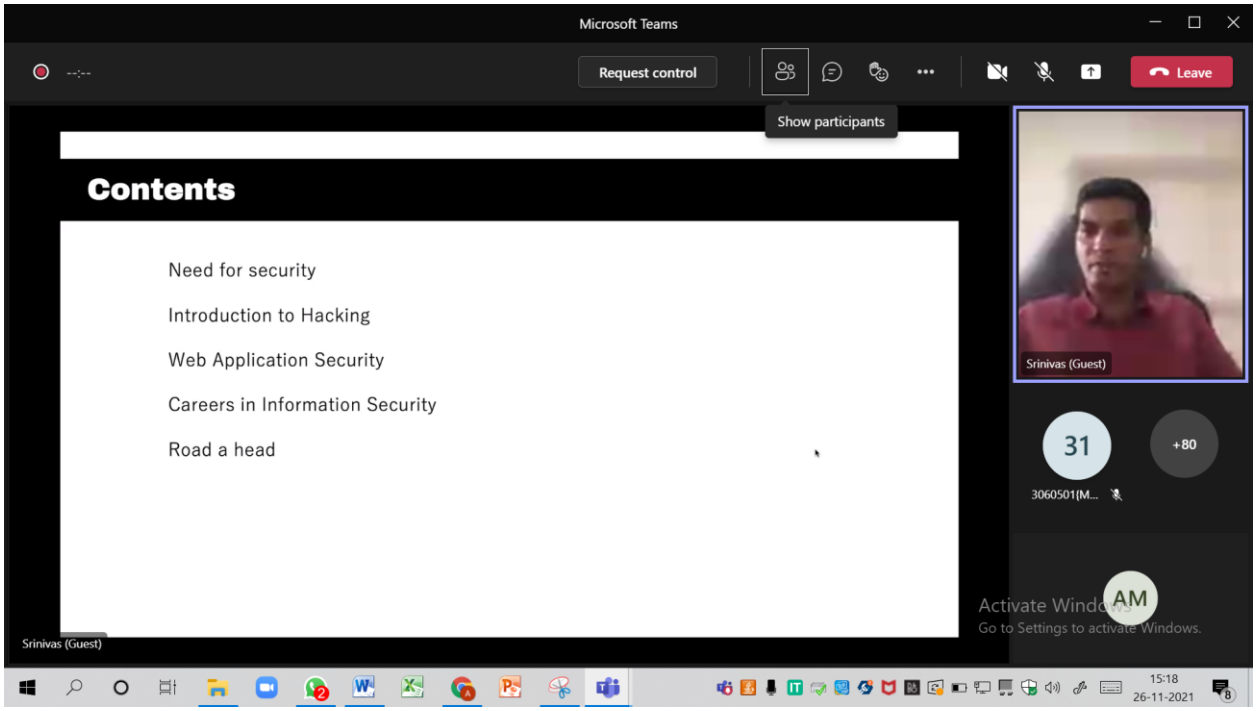
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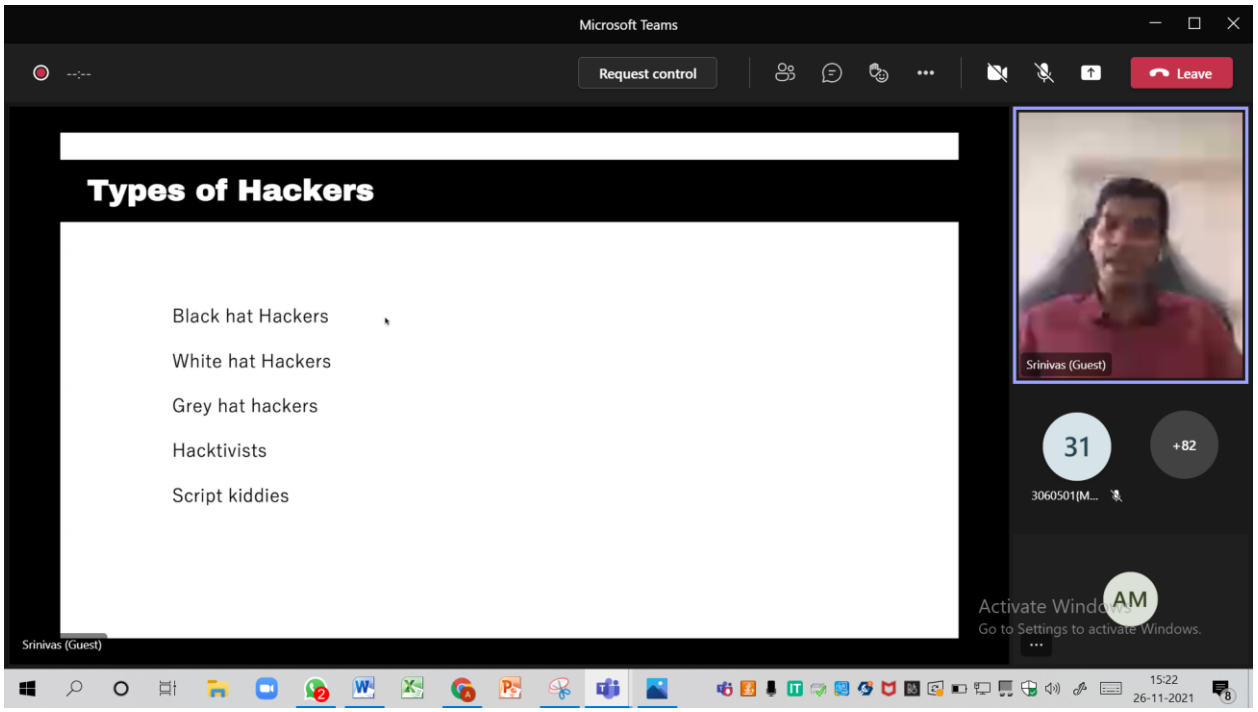
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Types of Hackers
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White hat Hackers
Grey hat hackers
Hacktivists
Script kiddies
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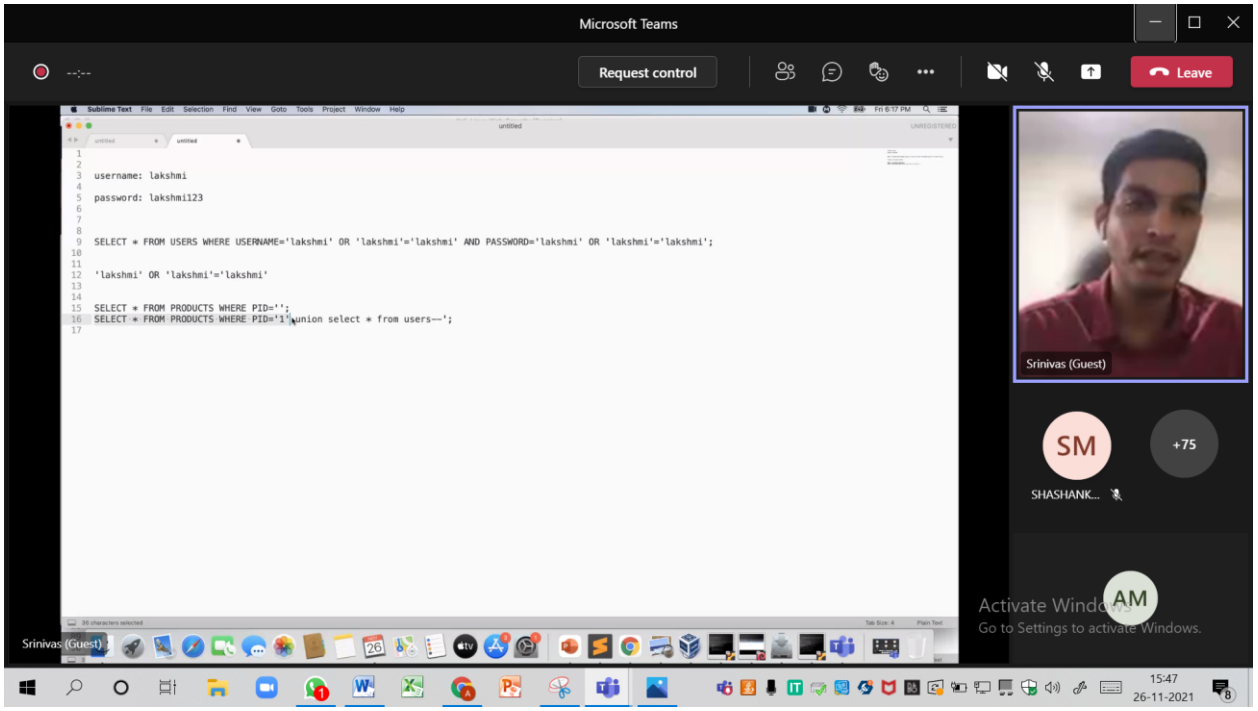
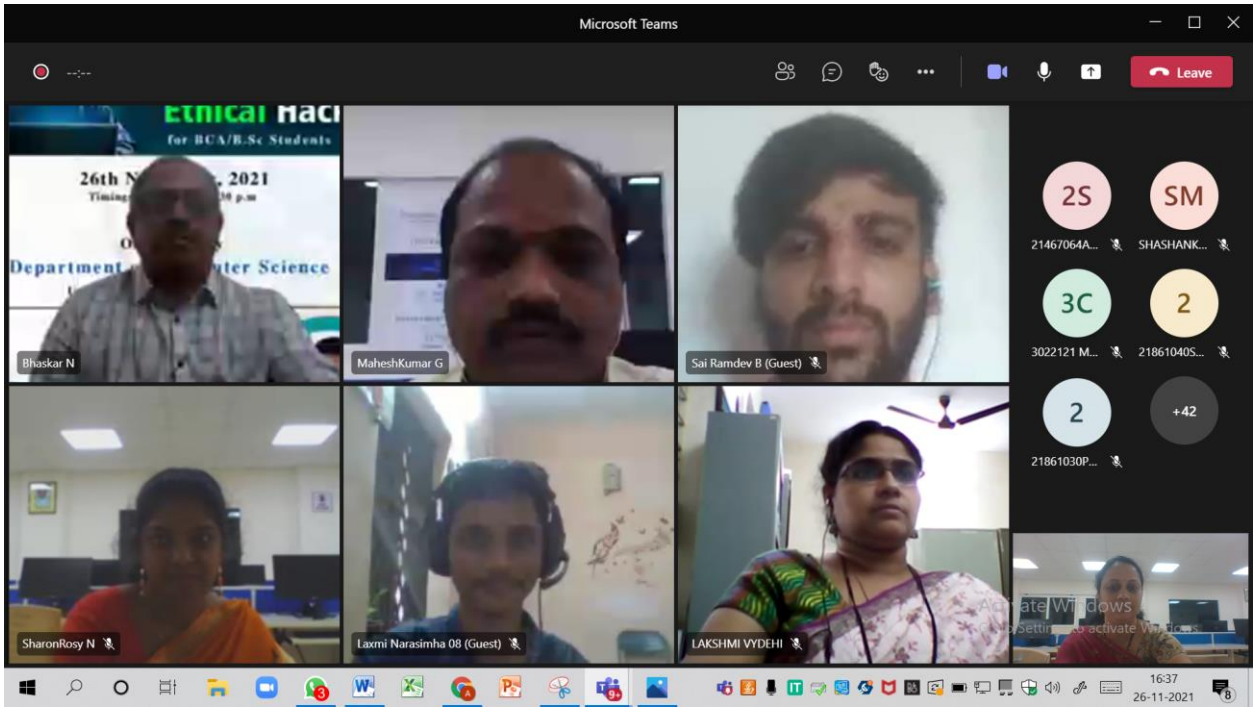


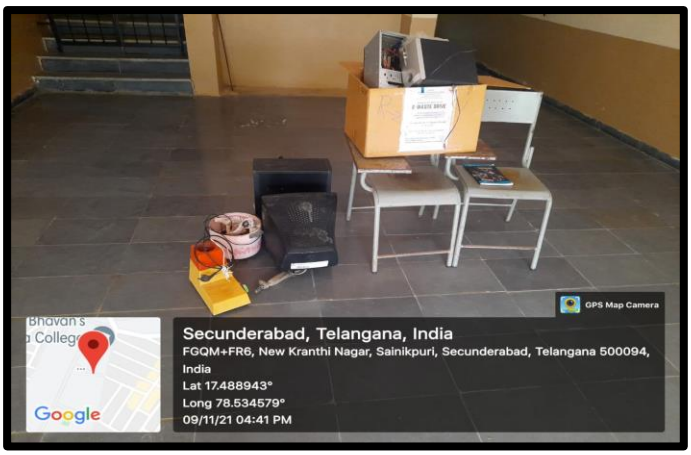


There were around 60 students who actively participated and interacted in the webinar. They also had their queries related to Ethical Hacking, clarified from the speaker. The session concluded with Mr. G Mahesh Kumar, Asst Professor, Dept. of Computer Science, proposing the Vote of Thanks.

Report on E-WASTE DRIVE

The Department of Computer Science had initiated an **"E-WASTE DRIVE"** organized by the Fusion Tech Club under DBT-Star College Scheme from 1st November 2021 within the college to encourage and spread awareness among the students to collect, deposit and extend their support towards responsible e-waste disposal. The Green Campus Programme Cell, in collaboration with FusionTech, NCC, Abhyas Club, VOICE club and the greENERGY club of the college had organized Waste Management Week, from 8thNov, 2021 - 12th Nov, 2021. This event was organized as part of the MoU signed with Envirokare Recycling Solutions Private Limited, a Telangana State Pollution Control Board certified organisation.

There were various events organized as part of this Awareness programme. An internal campaign within the college was organized on 8th Nov, 2021, physically and on social media. A Door to Door campaign in the Defence Colony society on 9th of November 2021 was taken up. Students from the Fusion Tech Club along with 150 NCC Cadets and other clubs had participated in spreading awareness about proper waste and E-waste disposal in the society. As part of the campaign there was a lot of E-waste collected from the society like discarded Television, Computer(CRT) Monitors, Motherboards, Battery cells, iPods, Headset/Earphones, Calculators, Cellular Phones, Screen Guards, Keyboards, Mice, Cables, Compact Discs (CDs), DVDs etc.



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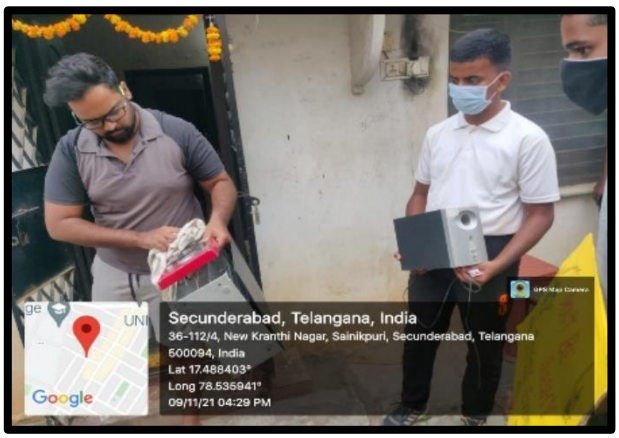
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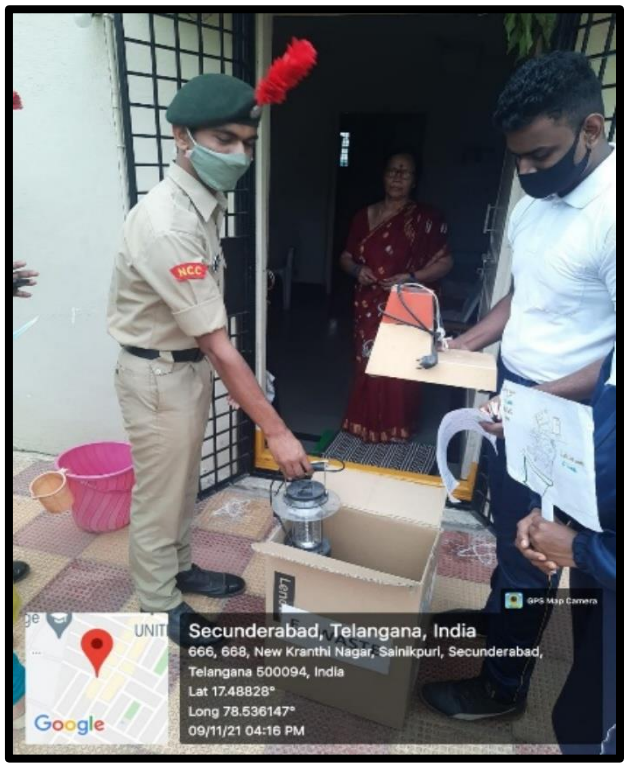
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AWARENESS RALLY

On 11th November 2021, the FusionTech Club along with NCC and Abhyas Club organized an **"WASTE MANAGEMENT AWARENESS RALLY"**. BCA II and III Year students along with more than 150 NCC Cadets, faculty members took active part in the rally. The E-waste awareness rally began from the college till Neredmet at 3:00PM displaying banners and shouting slogans, spreading awareness about environmental hazards of E-waste.

E-WASTE DRIVE

XEROX
PRINTOUT
SCANNING
CAUVERY ENTERPRISES

airtel 4G

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Department Of Management Studies
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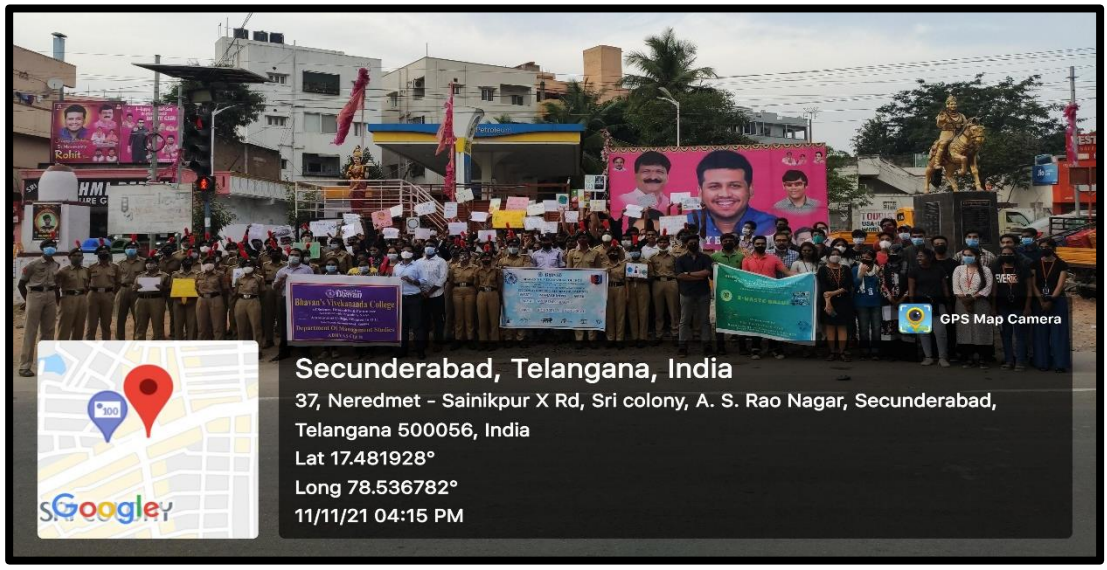
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VIVEK BHARATHI

E-WASTE TO BEST:

On 12th November 2021, The FusionTech Club organized **"E-WASTE- TO- BEST", an Art and Craft Exhibition cum Competition**, which gave an opportunity for the students to showcase their creative side in making the best out of the e-waste. The aim of the exhibition was to re-purpose the e-waste into something new. The judge for the event was Dr K V Padmaja, an Agri-Envrionmental Scientist, who appreciated the efforts and creativity put in by the students in making their exhibits/models.

Winners for the event were decided by the Judge and were felicitated by mementoes on the valedictory.

There were around 24 students in 12 teams who participated from various streams.

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Key Support
TEAM 2

The NCC unit of the college had volunteered in contributing for the E-Waste drive from their respective houses. A total of around 150 items were collected from them.

E-Waste from the college was collected with around 46 CRT Written-Off monitors, old unused SMPS, Keyboard, Mice, Routers, LAN Cards, RAM etc.,.

Envirokare Recycling Solutions Private Limited was approached, as agreed upon as per the MoU, to dispose off the collected E-Waste under the guidance of Mr. Naresh Raj, the concerned Incharge for the Hyderabad Unit.

A total of around 500Kgs of E-Waste was donated to the organization from the college on 4th of January, 2022.

The list of items collected and donated is mentioned in the Excel sheet attached.

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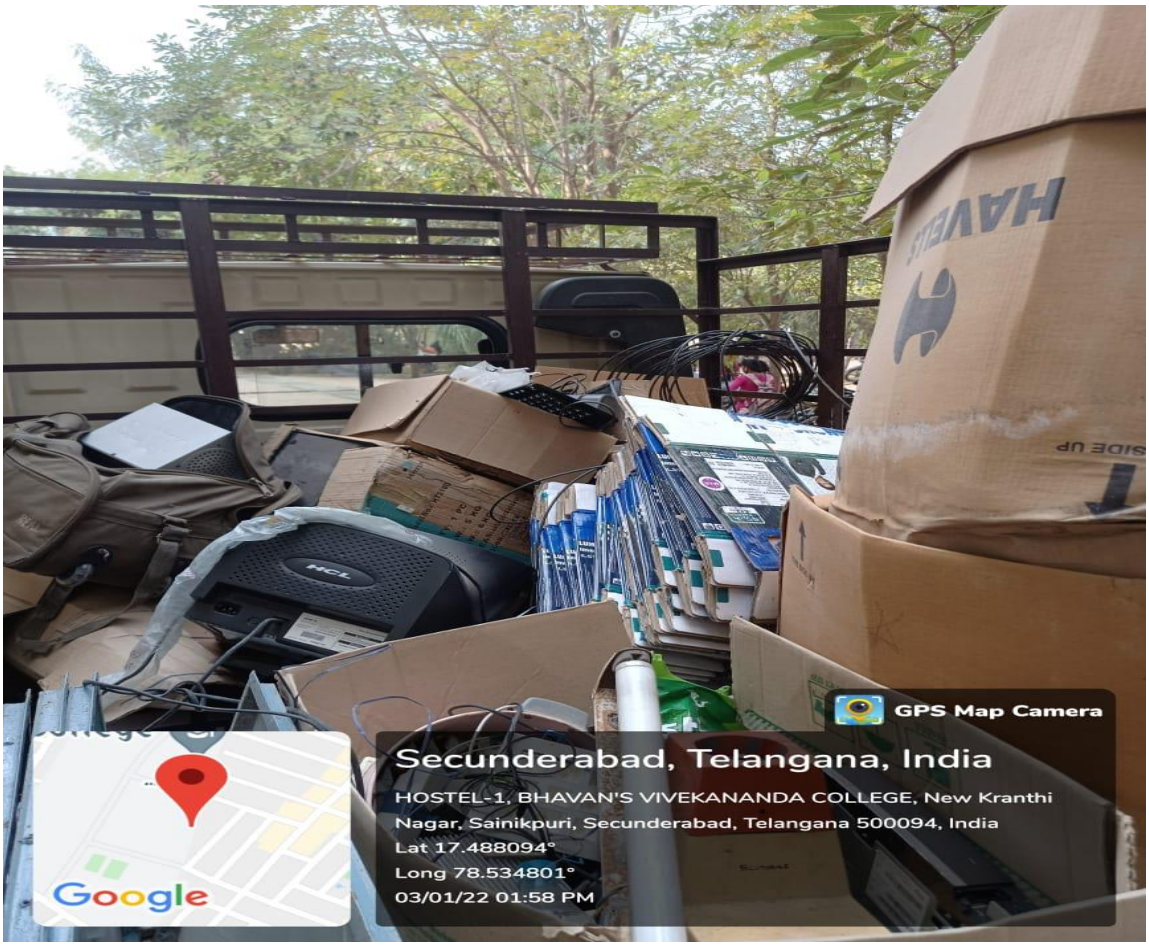
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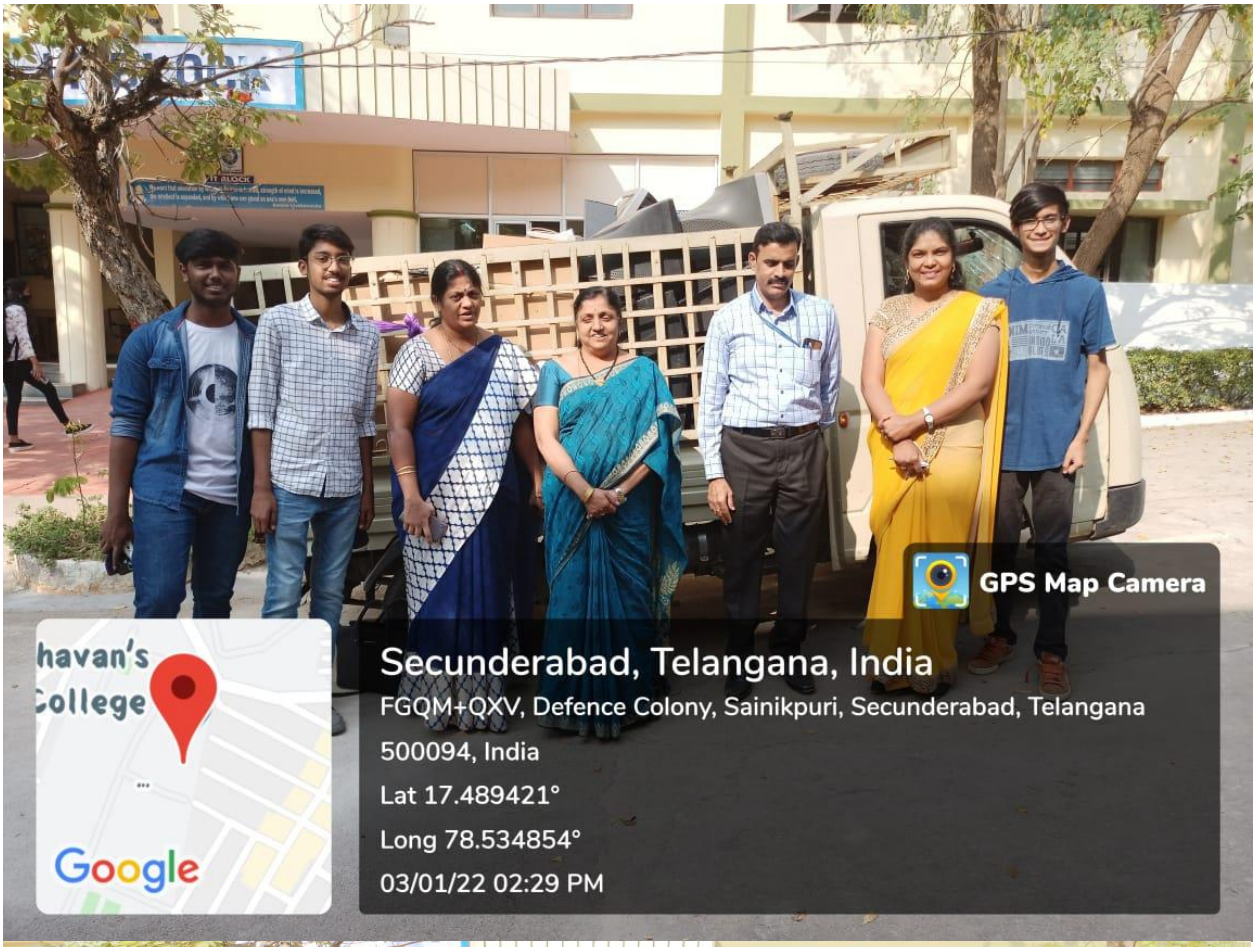
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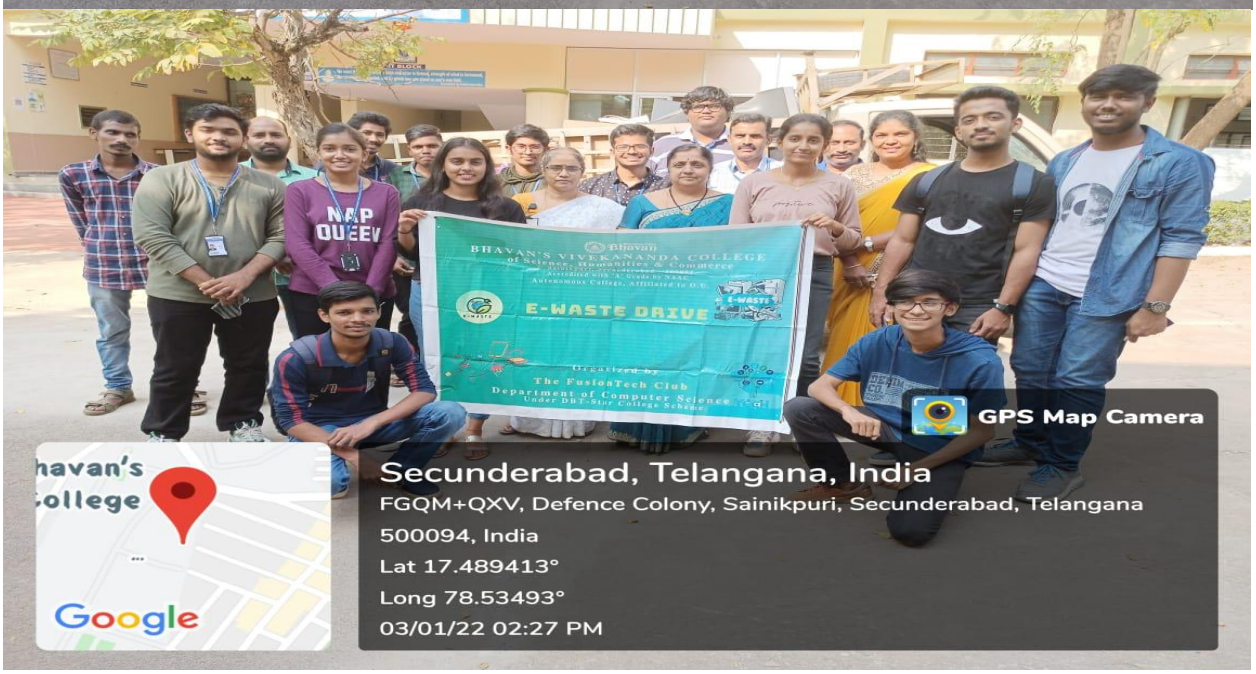
BHAVAN'S VIVEKANANDA COLLEGE
E-WASTE DRIVE
Organized by
The FusionTech Club
Department of Computer Science
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Envirokare
Make Every Day Better

Certificate of Disposal

This certificate is hereby issued to BHAVAN'S VIVEKANANDA COLLEGE (Dept of Computer Science)
The material received was processed according to all applicable Local State and Pollution Control guidelines and in an environmentally controlled way. This also confirms to the guidelines of the E- Waste (Management & Handling Rules, 2016) issued by Ministry of Environment & Forest and Central Pollution Control Board.
Material was destroyed / recovered / refurbished / converted to raw materials in useful form in our recycling process.

Ref : Pickup Date :
Issue date: 4th Jan, 2022
Total Pickup Quantity :-

SL. NO.	MATERIAL DESCRIPTION	WEIGHT (KG)
1.	E- WASTE	500

Total Weight of the material was = Five Hundred Kilograms Only.
For Envirokare Recycling Solutions Pvt Ltd

ENVIROKARE RECYCLING SOLUTIONS PVT LTD. HYDERABAD

Authorised Signatory

HO -A-49, A.S. Rao Nagar, Sainathpuram, Hyderabad-500056.
Plant - Sy No - 402, Raikal (V), Farooq Nagar (M), Ranga Reddy District
www.envirokare.in | Cell: 98852 07171

Certificate

Envirokare
Make Every Day Better

Ref. No.: EN/01/22-23

TSPCB Reg.: 11/TSPCB/CFO/RRD/RO-HYD/HO/2021

This is to certify that ENVIROKARE RECYCLING SOLUTIONS PRIVATE LIMITED.
has assumed rights and ownership of E - Waste material received from
BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE (Department of Computer Science)
All material has been processed in an environment friendly manner in accordance with the guidelines set by the authorised agency at our facility. By processing obsolete equipment we are doing our duty to help keep our environment clean.

ENVIROKARE RECYCLING SOLUTIONS PVT LTD. HYDERABAD

Date : 4/01/2022

Authorised Signatory

HO -A-49, A.S. Rao Nagar, Sainathpuram, Hyderabad-500056. Plant - Sy No - 402, Raikal (V), Farooq Nagar (M), Ranga Reddy District
www.envirokare.in | Cell: 98852 07171

Report on Cyber Security Webinar

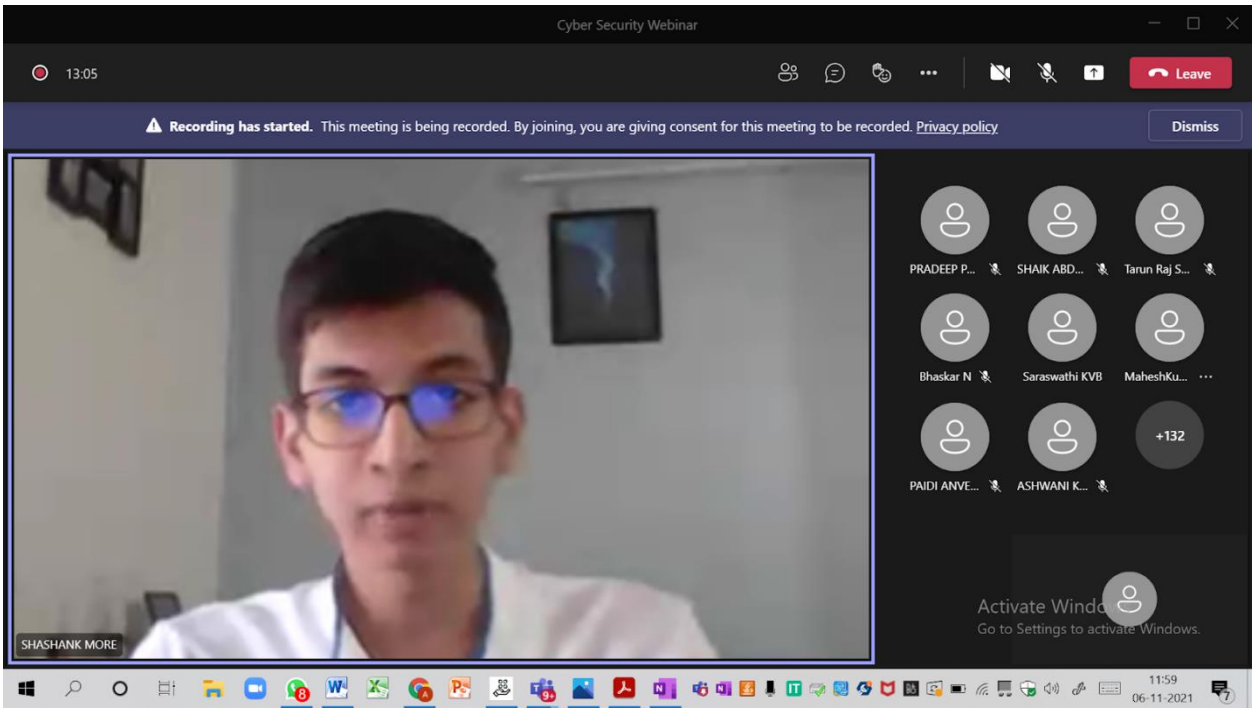
Report on Cyber Security Webinar – 6th November, 2021

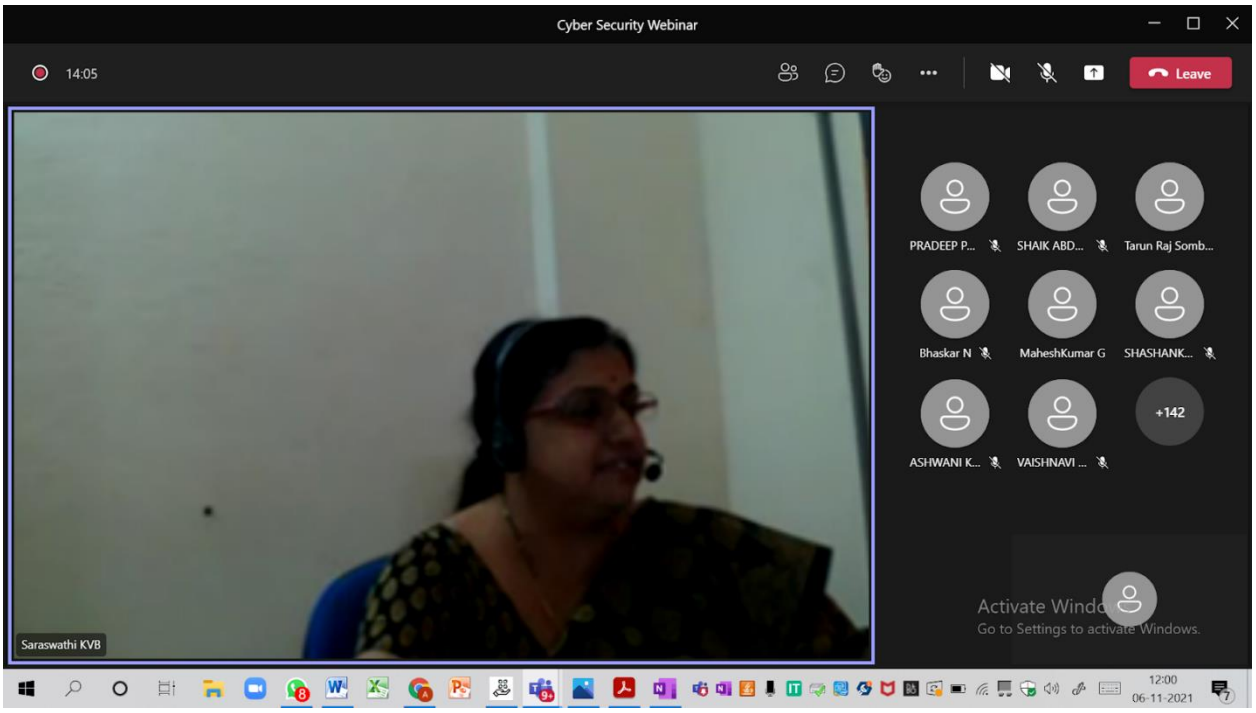
A webinar on **Cyber Security** was organized by the department of Computer Science under the DBT- Star College Scheme, on the 6th November, 2021. The speakers invited for the session was Mr S Tarun Raj, Senior Security Analyst, Stefanini India Pvt. Ltd., Hyderabad, and Mr N Prithvi Raj, Senior Security Analyst, Stefanini India Pvt. Ltd., Hyderabad. Mr S Tarun Raj is also the alumni of the BCA programme from our college.

The webinar began at 12:00 p.m. with the welcome address given by Mrs KVB Saraswathi, Head, Department of Computer Science. The session was taken over by Mr. Prithvi Raj and MrTarun Raj who started with stating the need of the Internet in the modern era, Importance of Cyber Security, the top 10 OWASP (Open Web Applications Security Project). They also highlighted on the types of threats to security, causes of phishing, differences between surface web, dark web, deep web etc. The session also included a local demo of how phishing is done.

The session was very informative and knowledgeable with students interacting with the speakers and clarifying questions on what kind of courses and certifications would help them pursue a better career in the field of Cyber Security.

The session concluded with the vote of thanks proposed by Mr. G Mahesh Kumar, Assistant Professor, Department of Computer Science and BCA Programme Coordinator, thanking the speakers and the audience for their active participation. There were a total of 205 participants including faculty and students of various streams for the webinar.

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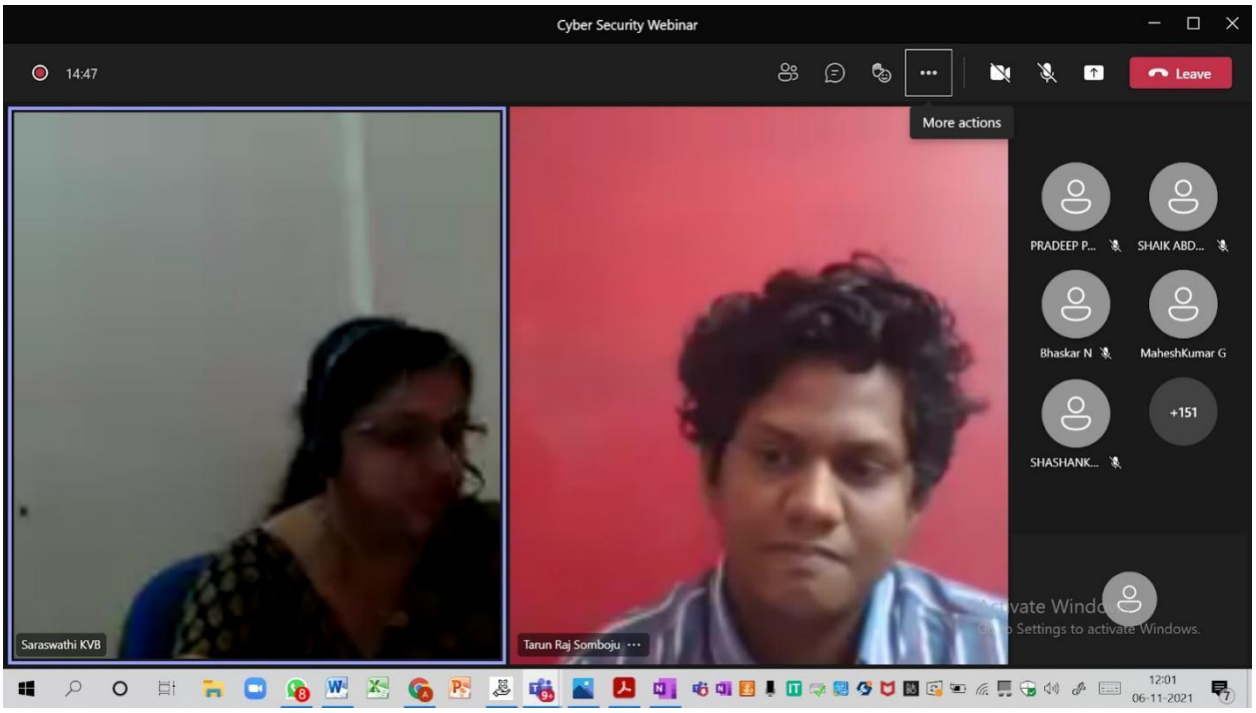
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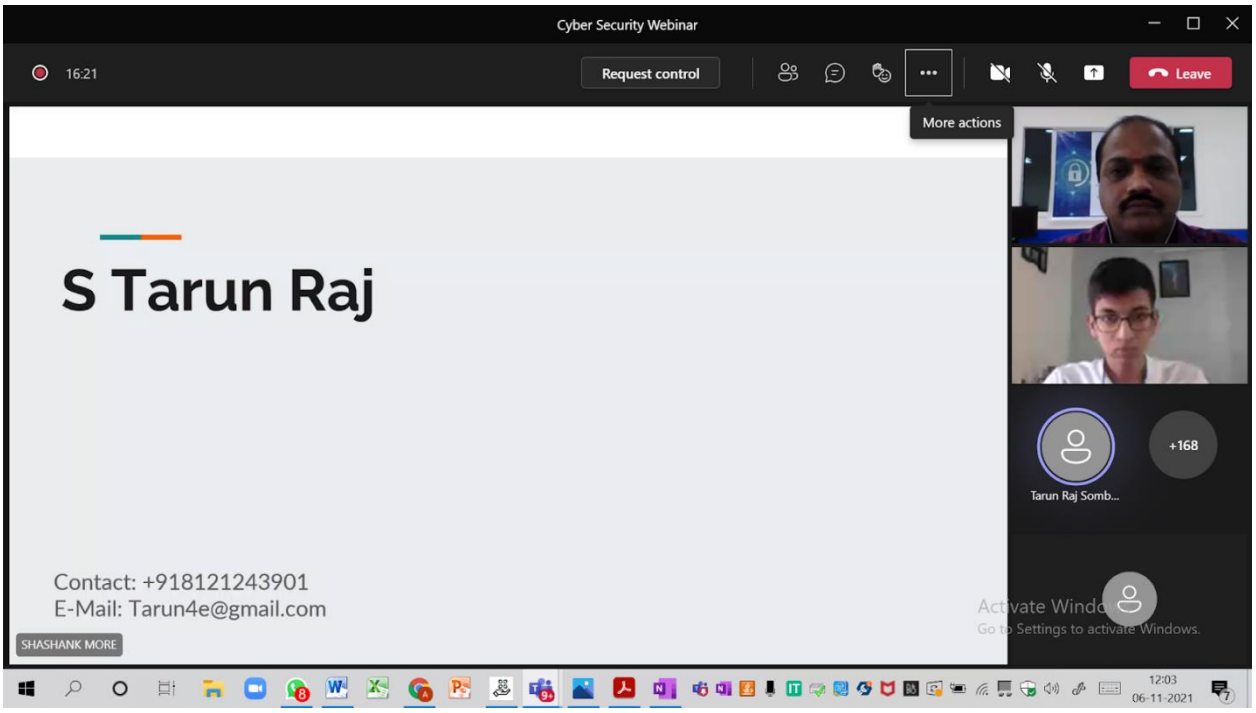
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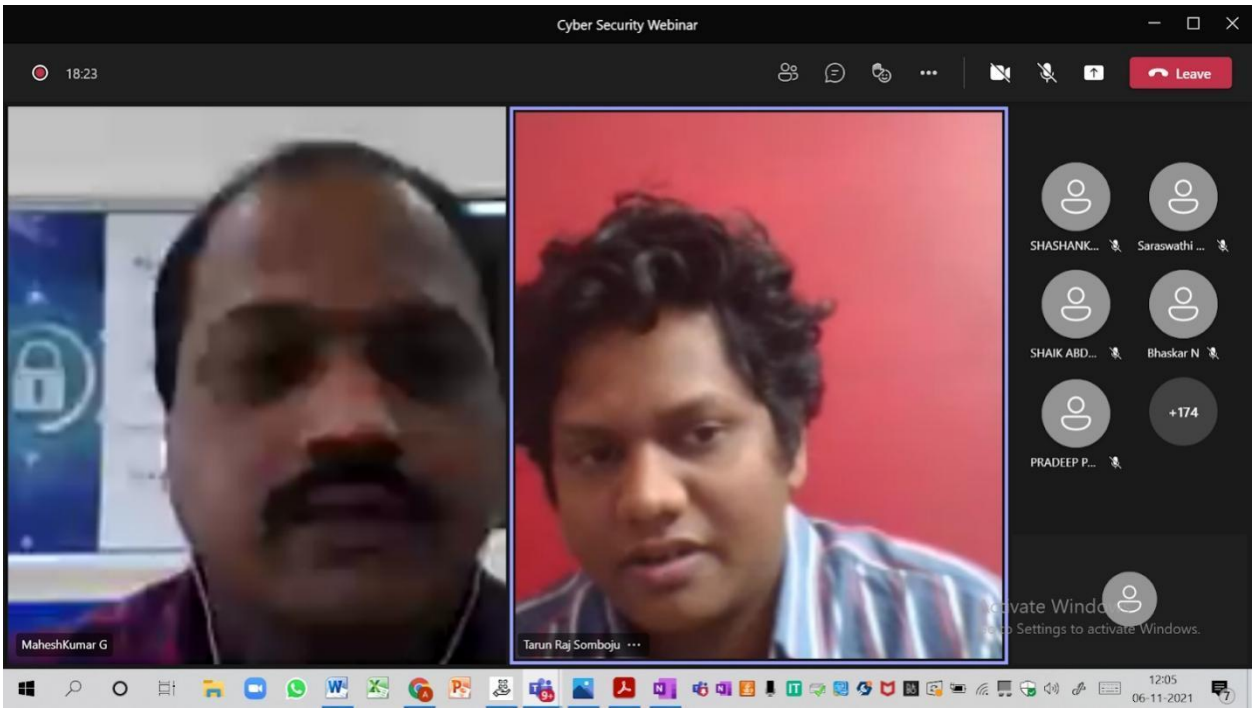
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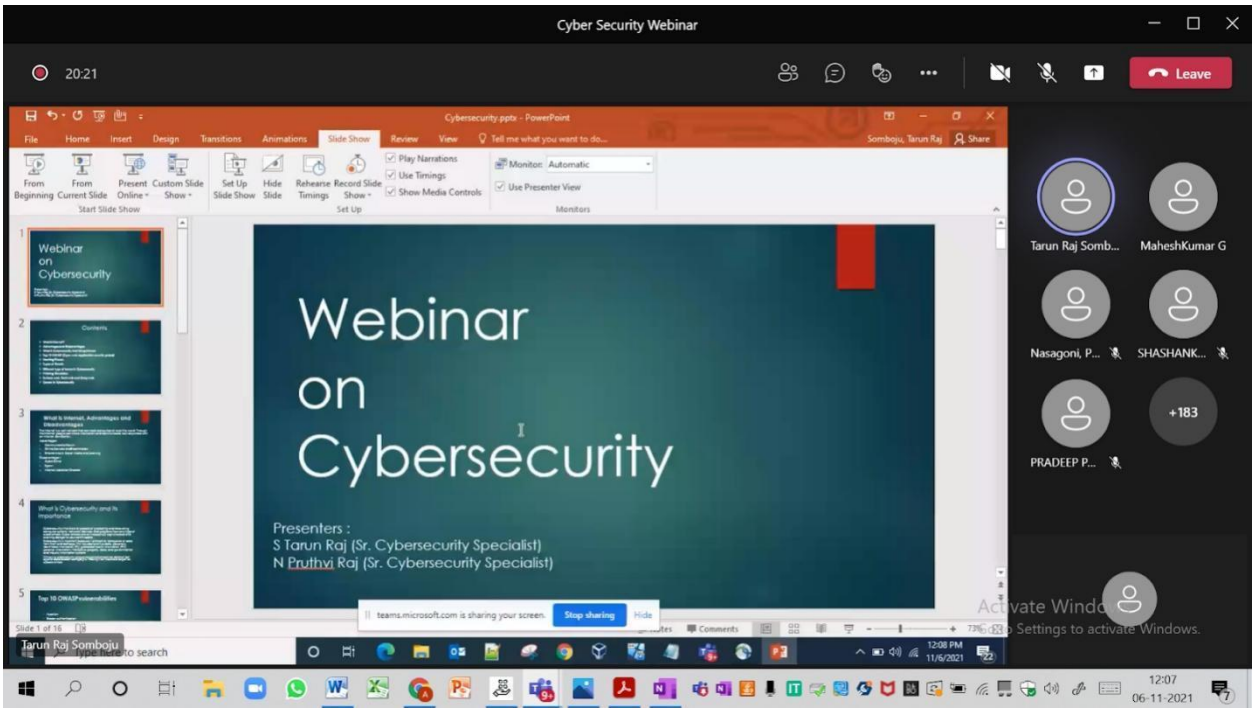
Cyber Security Webinar
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Webinar
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N Pruthvi Raj (Sr. Cybersecurity Specialist)
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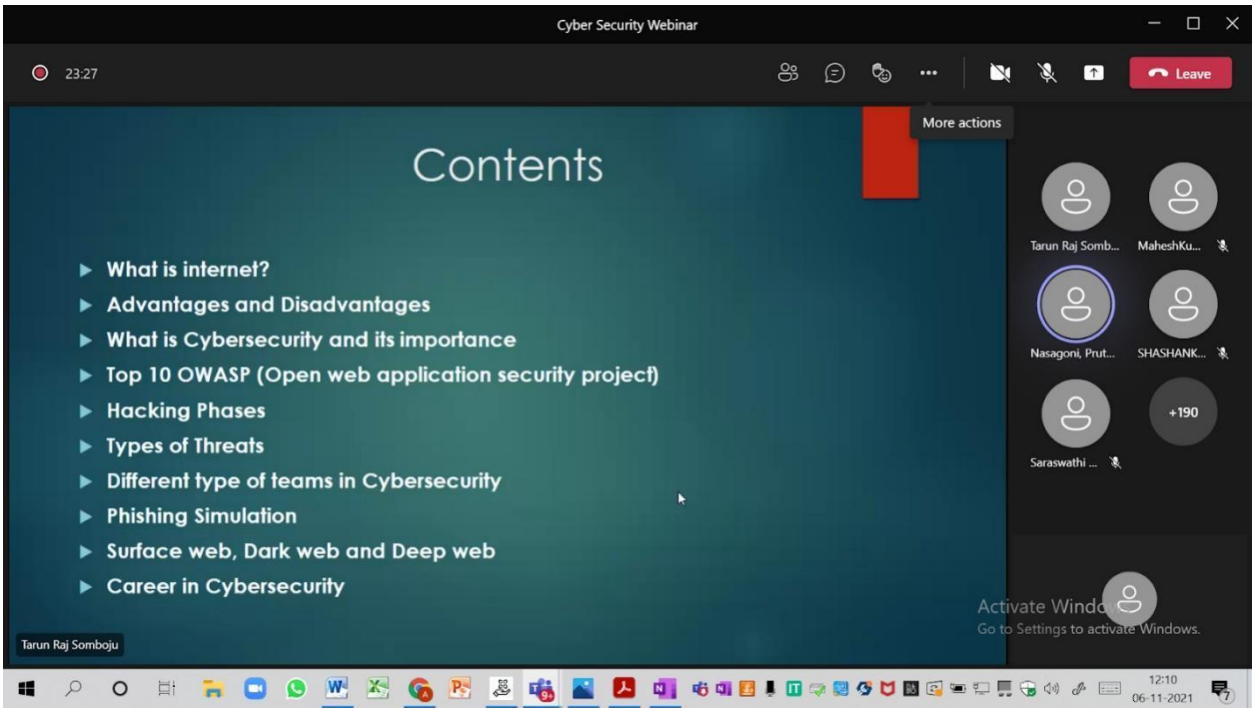
Cyber Security Webinar
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More actions
Contents
What is internet?
Advantages and Disadvantages
What is Cybersecurity and its importance
Top 10 OWASP (Open web application security project)
Hacking Phases
Types of Threats
Different type of teams in Cybersecurity
Phishing Simulation
Surface web, Dark web and Deep web
Career in Cybersecurity
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Nasagoni, Prut...
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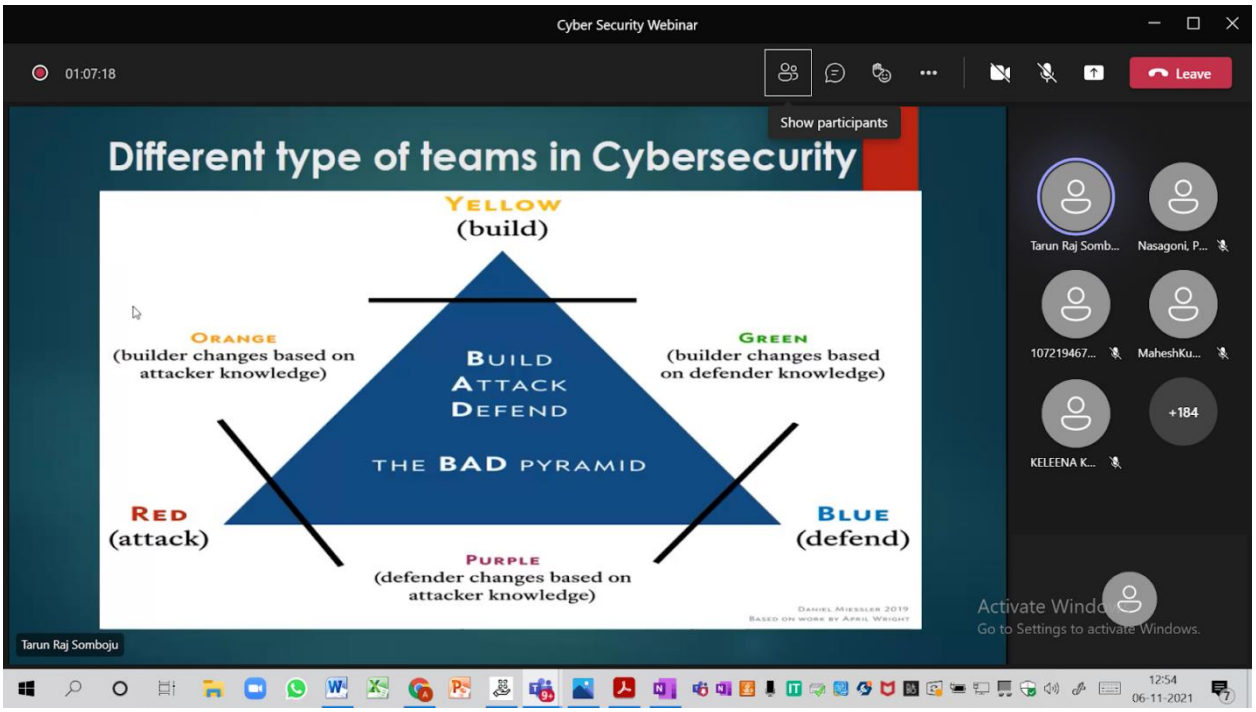
Cyber Security Webinar
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Different type of teams in Cybersecurity
YELLOW
(build)
ORANGE
(builder changes based on attacker knowledge)
GREEN
(builder changes based on defender knowledge)
BUILD
ATTACK
DEFEND
THE BAD PYRAMID
RED
(attack)
BLUE
(defend)
PURPLE
(defender changes based on attacker knowledge)
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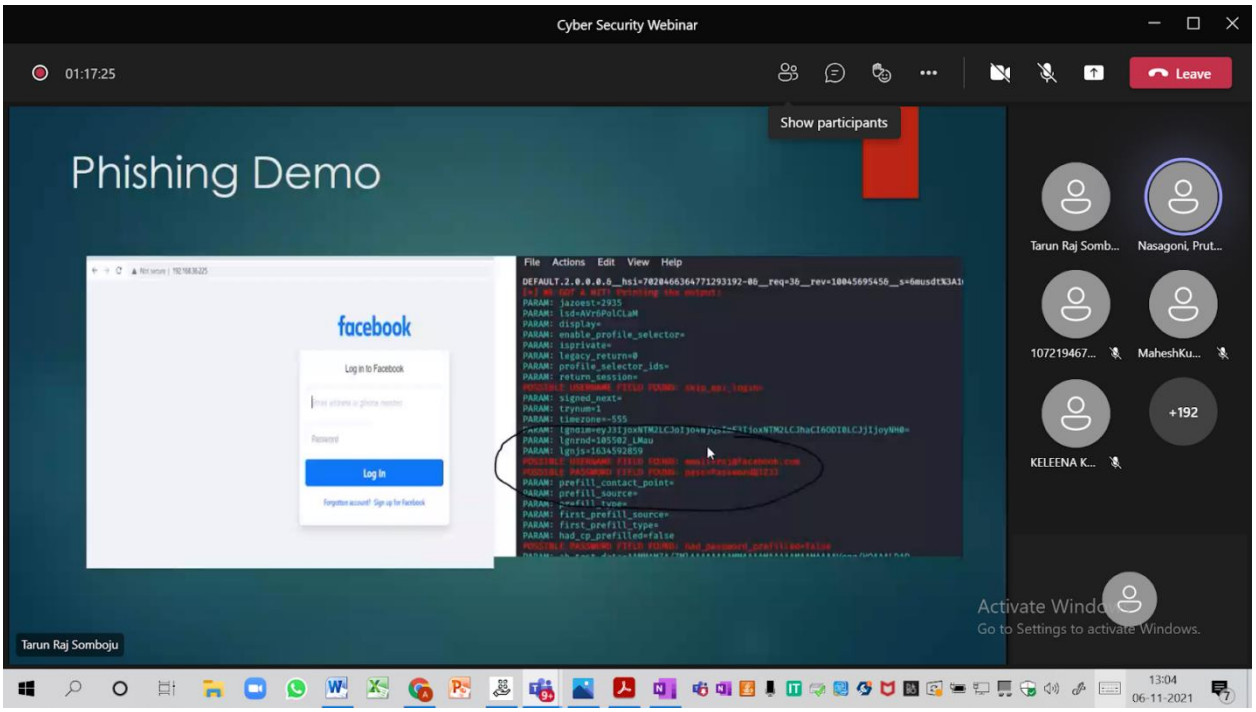
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06-11-2021

Cyber Security Webinar
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Secunderabad, Telangana, India
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500094, India
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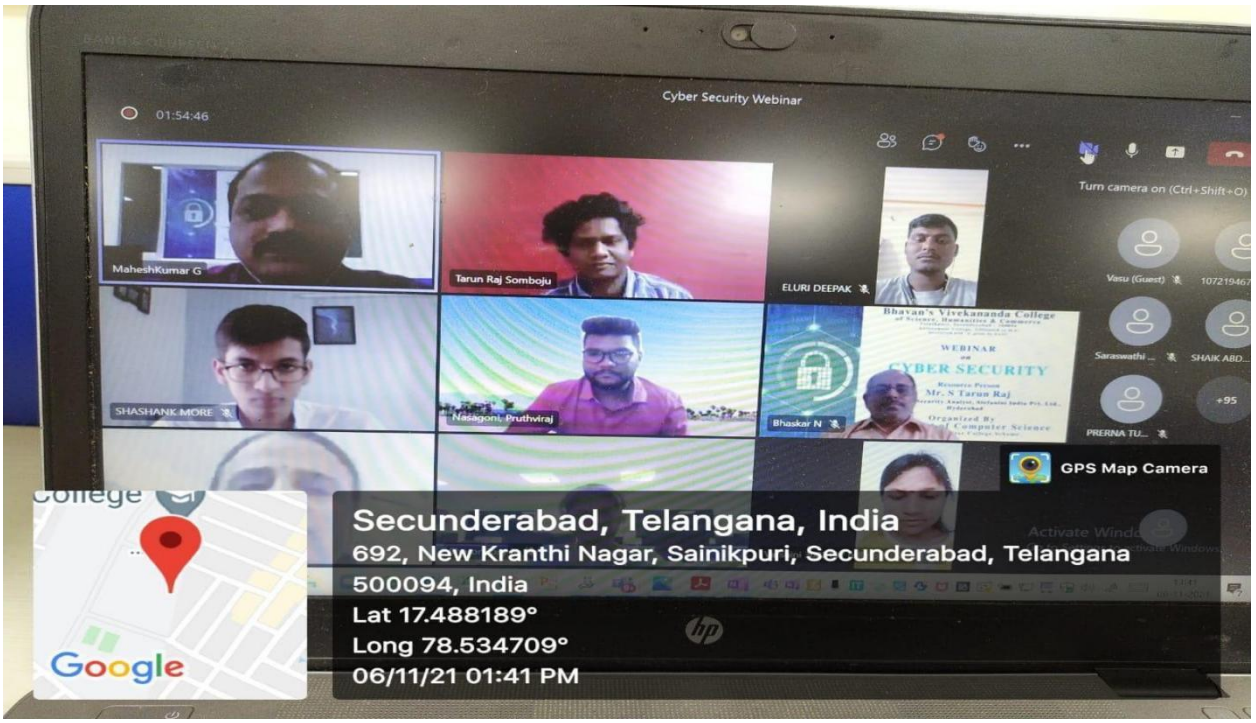
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SHASHANK MORE
Nasagoni Pruthviraj
Bhaskar N
WEBINAR
CYBER SECURITY
GPS Map Camera
Secunderabad, Telangana, India
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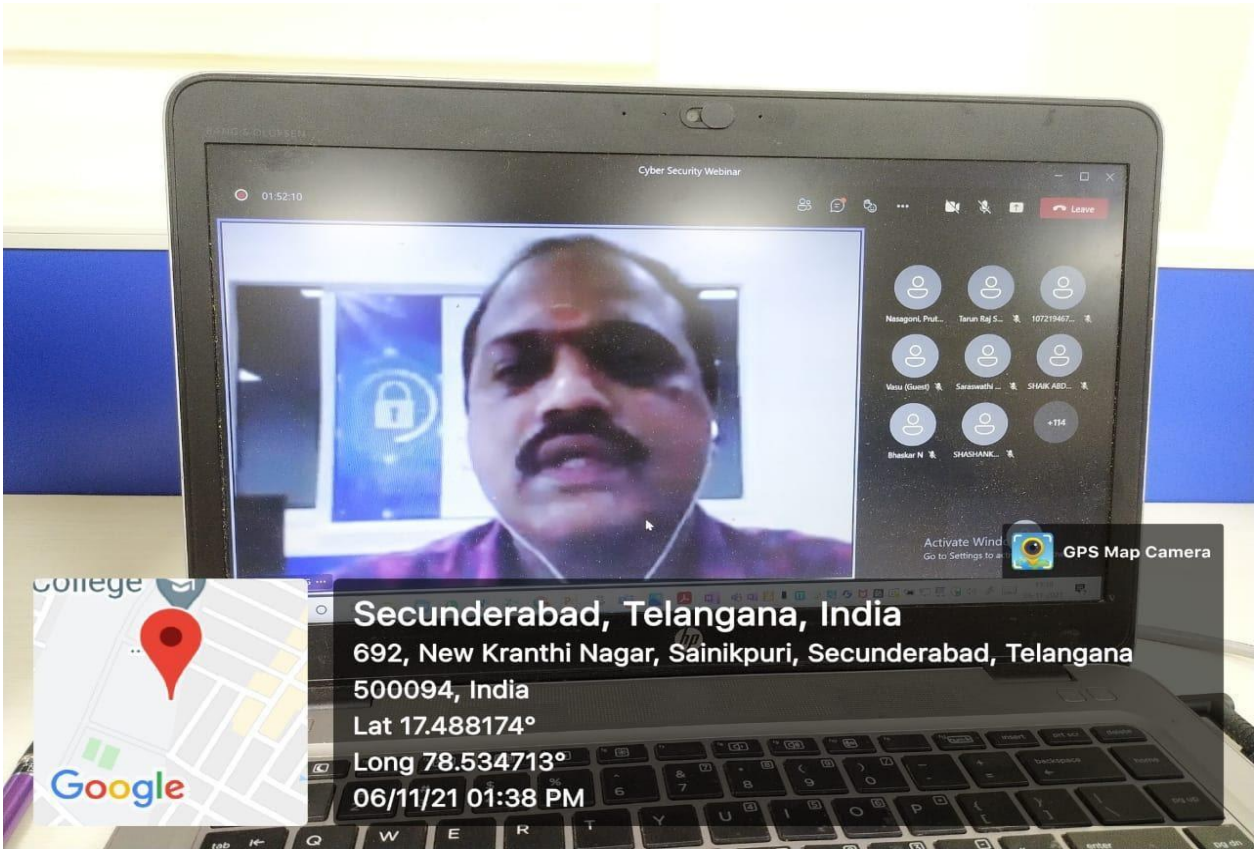
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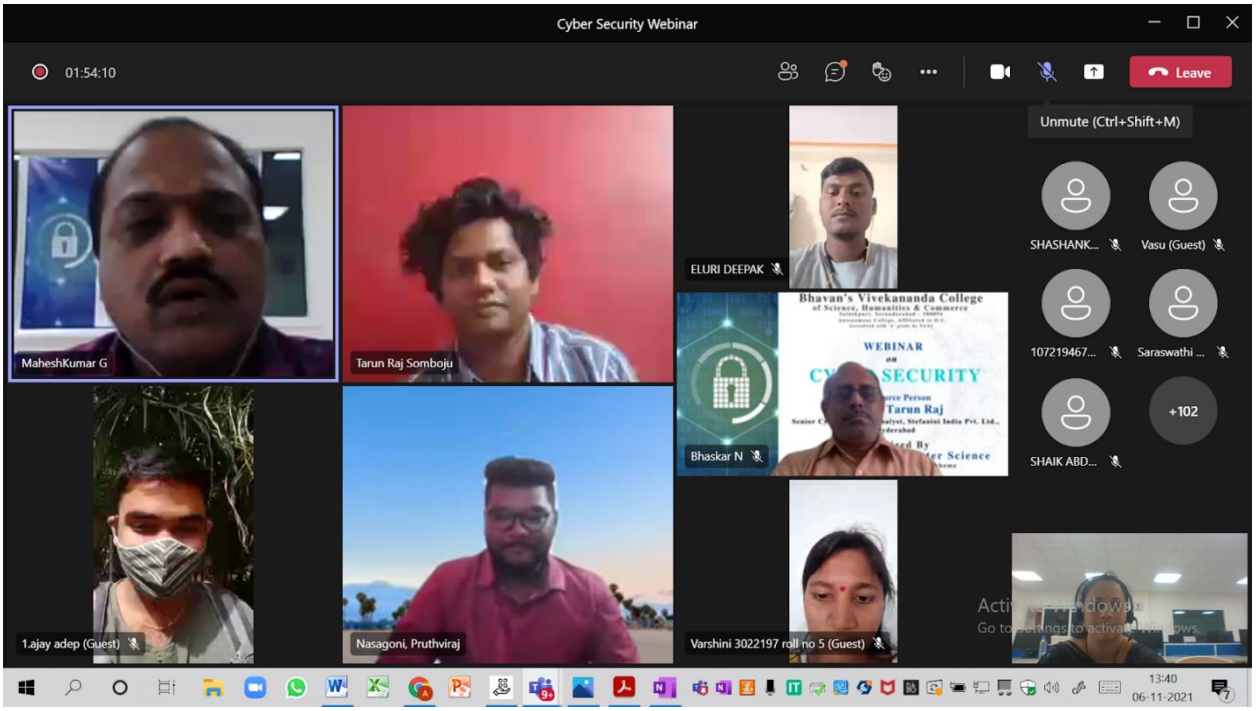
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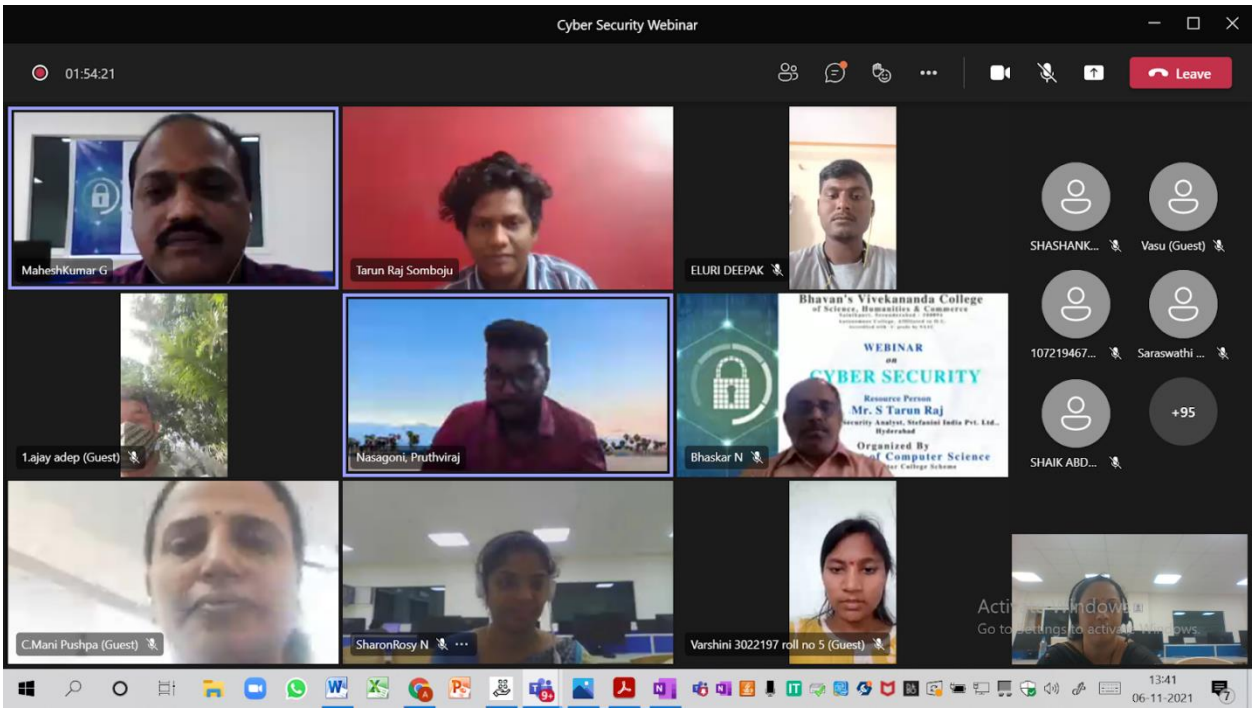
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Bhaskar N
Bhavan's Vivekananda College
of Science, Humanities & Commerce
WEBINAR
on
CYBER SECURITY
Resource Person
Mr. S Tarun Raj
Organized By
C.Mani Pushpa (Guest)
SharonRosy N
Varshini 3022197 roll no 5 (Guest)
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Department of Computer Science

Webinar on " SERVICE MANAGEMENT AND SERVICENOW"

Department of Computer Science had organized a webinar on "Service Management and ServiceNow" under DBT-Star College Scheme on 30-OCT-2021 from 3:00 P.M. to 4:30 P.M. for both BSC & BCA students.

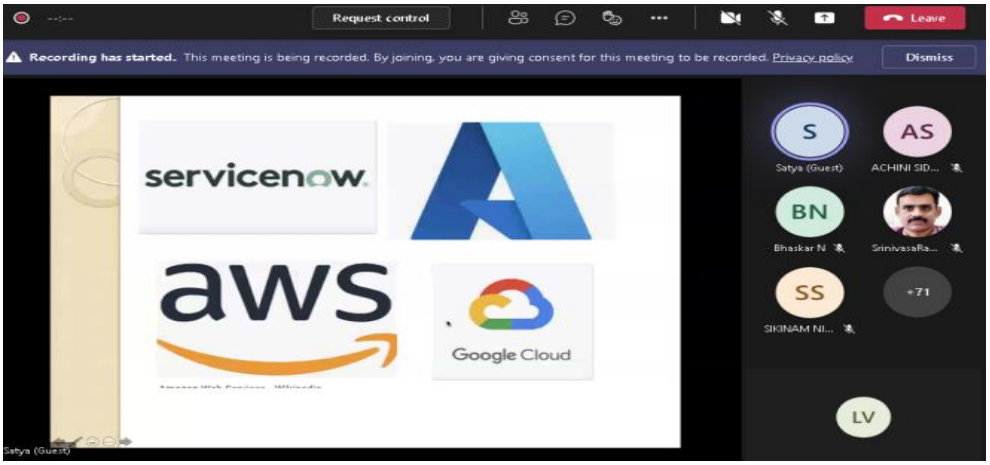
Total number of participants: 78.

Resource person: Mr.Y. SATYA KIRAN KUMAR
(Vice President, ITSM and Cloud Computing, Deutsche Bank.)

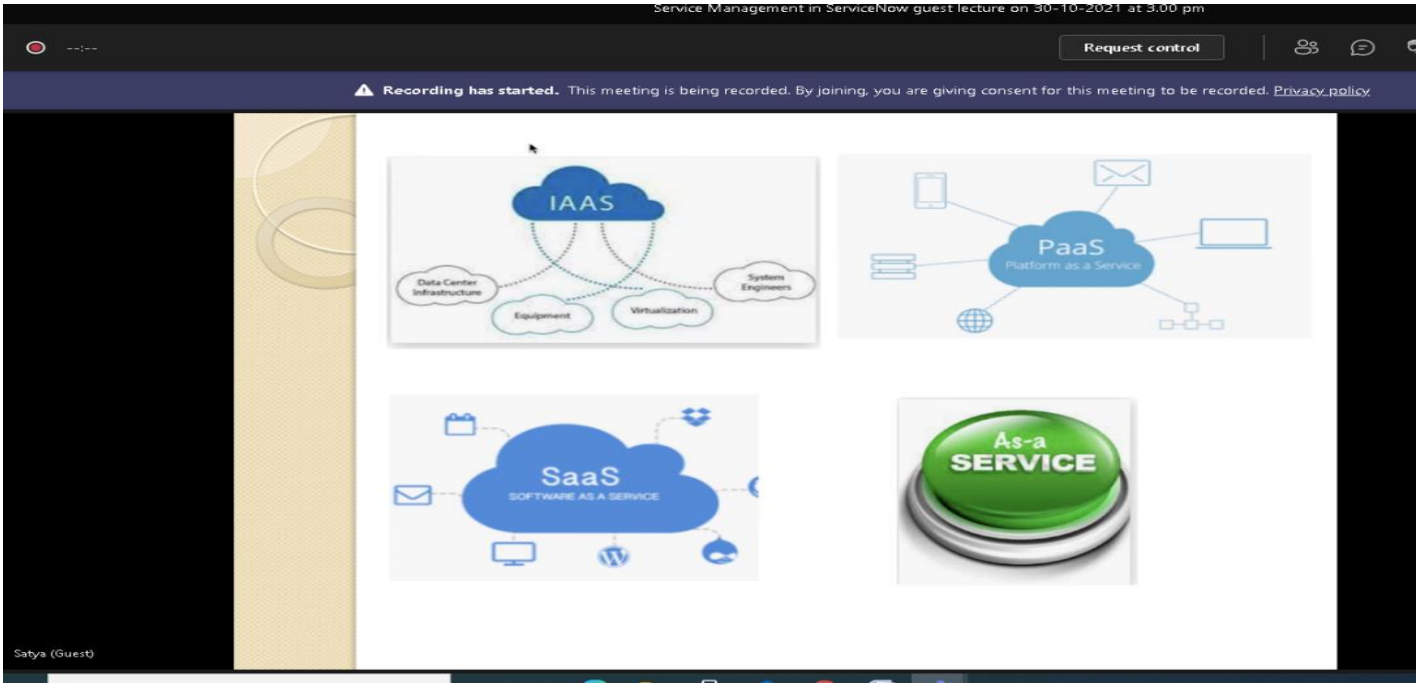
The topics covered were:

Service Management and ServiceNow: -

Service Now –is a service that is a support for the Organizations to use the AWS, Azure, Google Cloud.



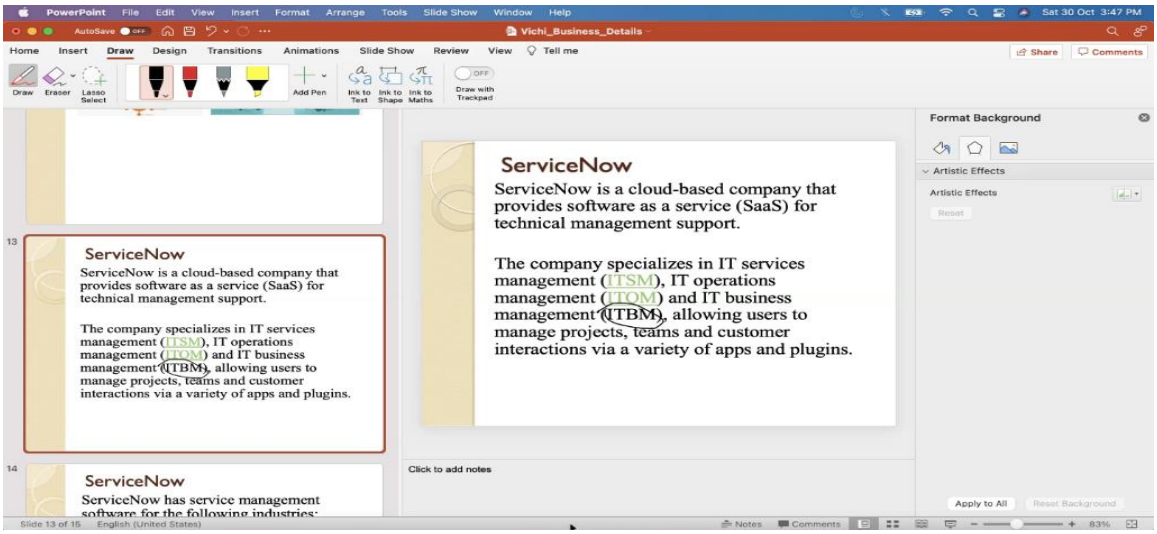
Services can be as a – Infrastructure as a service
Platform as a Service
Software as a Service
Service as a Service



It is a company which provide with the IT service management.

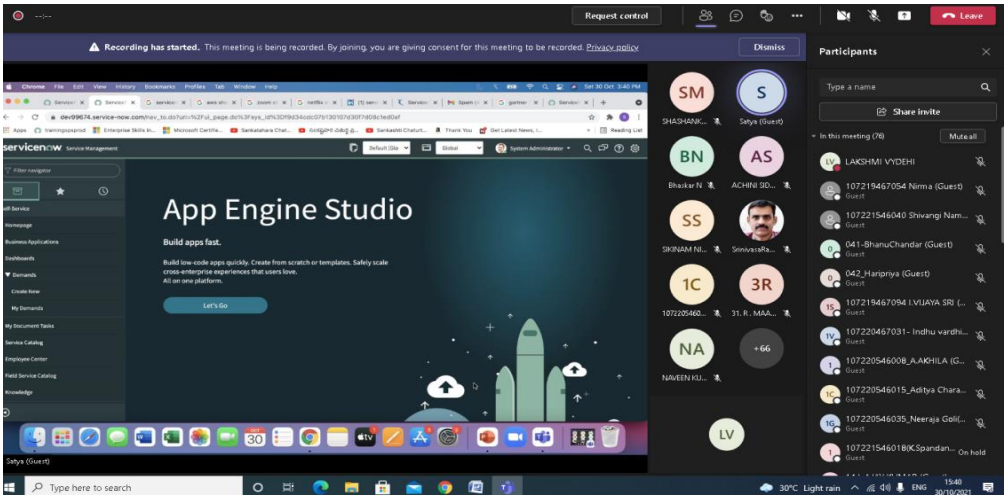
It is an Application Software.

It executes on Cloud; no Downloading or Running time required



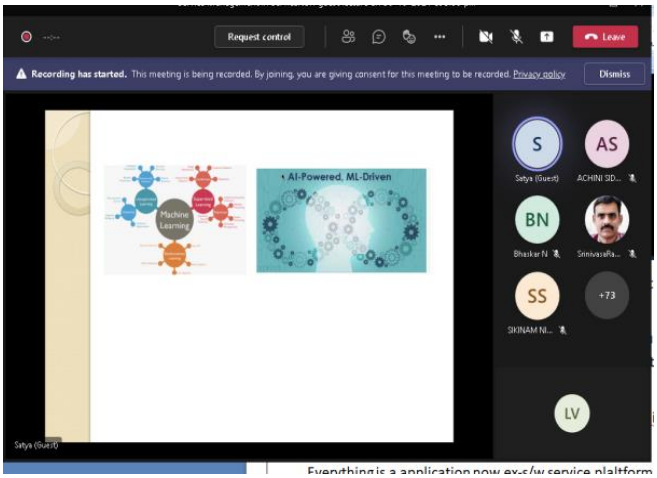
It is a Paid service. They provide us with the URL with which we can use directly.

It is a ready to use software.



It uses AI, ML for developing applications, to integrate machines with other products.

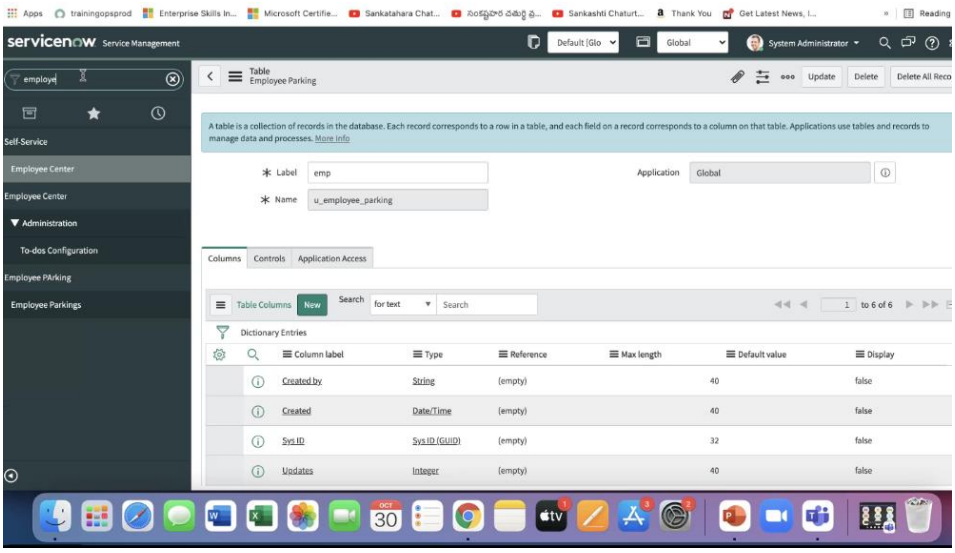
Ex: Build a machine in AWS, Google Cloud, FB,Whats App.

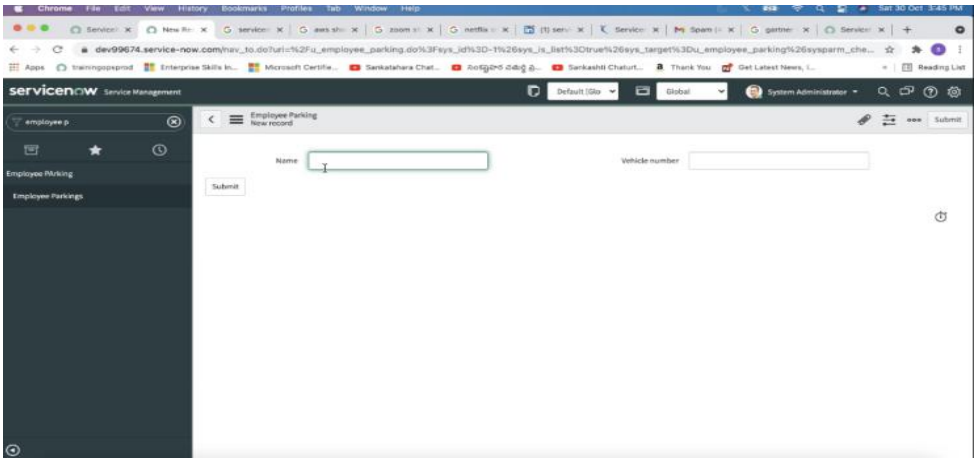


It allows the company to use their Applications.ex-Incidents

We can create our own customised Application on their platform.

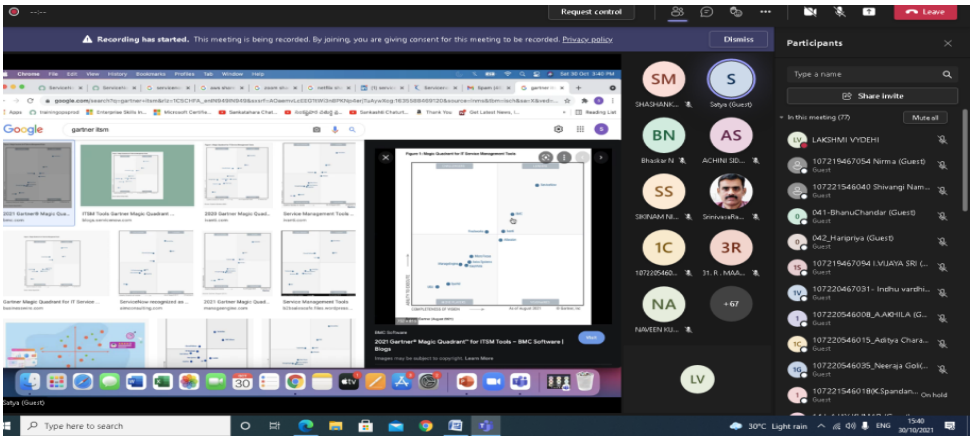
It is not only restricted to IT; but also it does Non -IT related services ex-Employee Parking



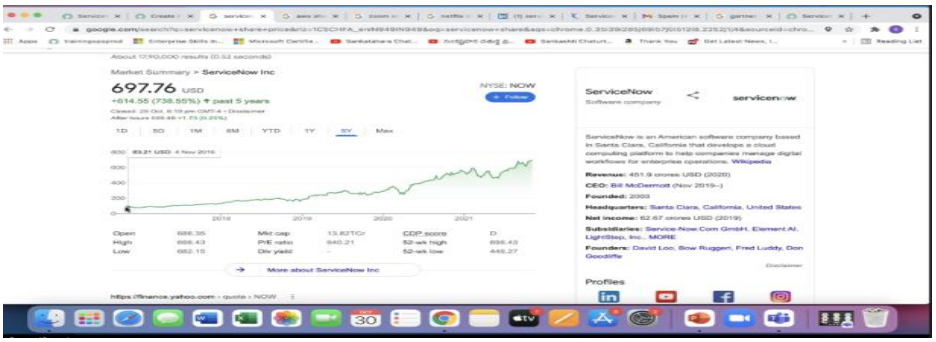


It also has free Application support for users.

- Software Ranking Company:-Gartner ITSM



- Growth of ServiceNow in 2021:



- **Security:**

  It has its own credentials to login. Any Unauthorized user we can get a SMS, email –to Administrator.

- **Maintenance:**
  It uses ML, AI for the products and in case of technical issues they will contact the technical department.

Ex:-Amazon Dash:-it will help to raise a complaint by pressing the button to the Technical team.

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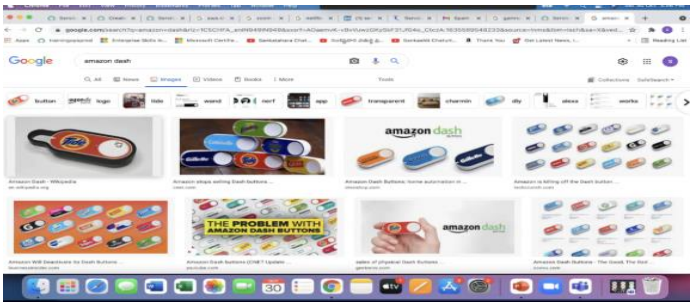
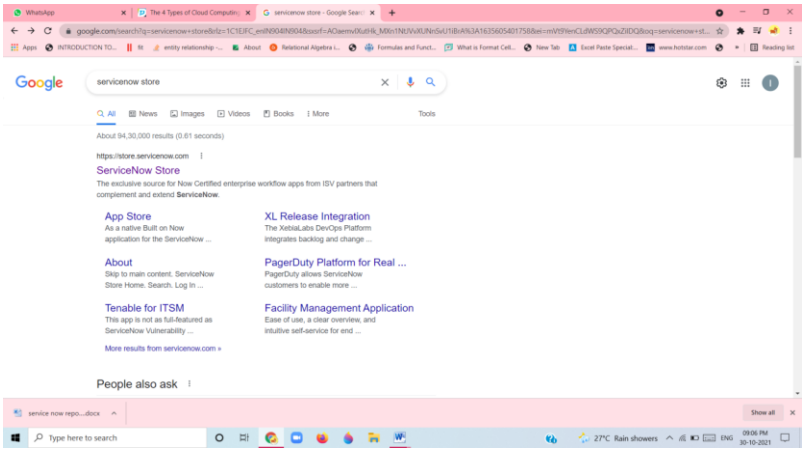
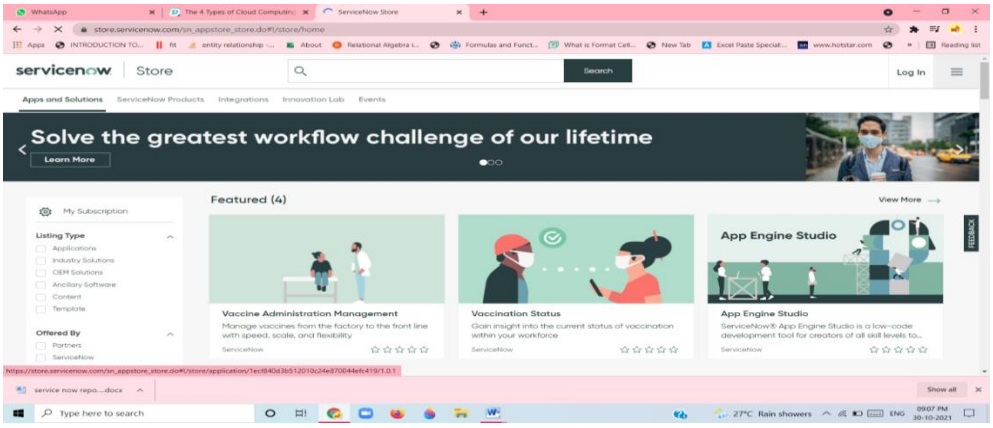


It also has its own store service Now store.

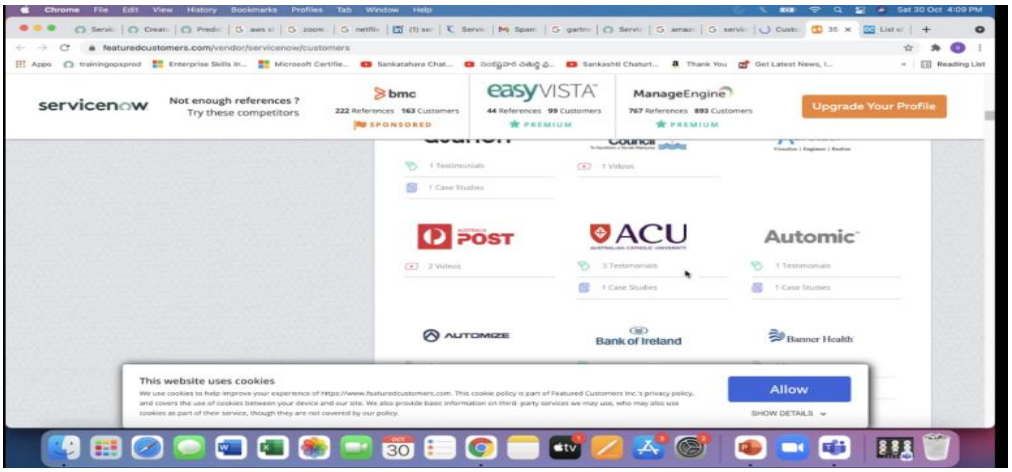


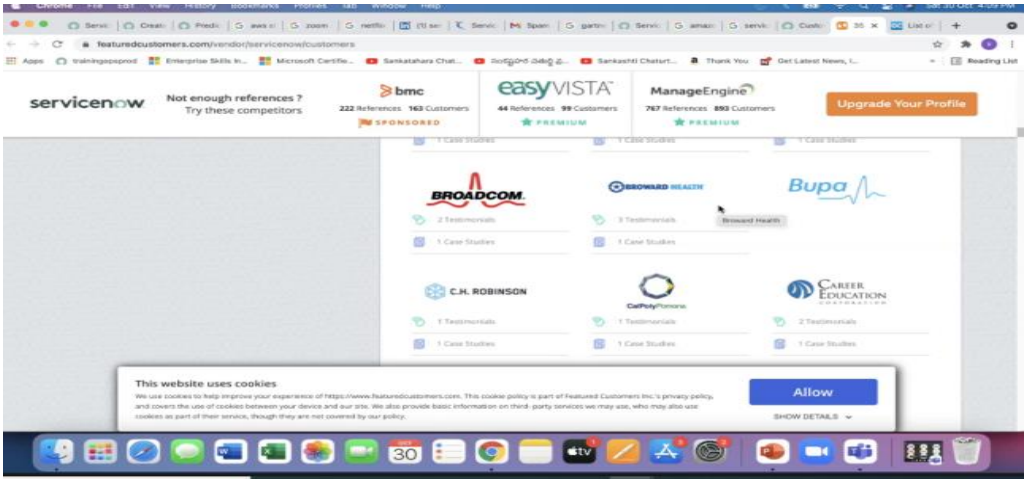


It is a one centralized application using which we can interact with any other application.

Ex:-McDonalds has been built on Service Now platform.

Companies using ServiceNow Globally





Requirement for Freshers:-

1.Tools& Technologies for Service Now

1.How to use the tools and product management Apps

2.Cloud Computing.

3.BackEnd –Web technologies,jscript,css,html ,Angular

4.DB

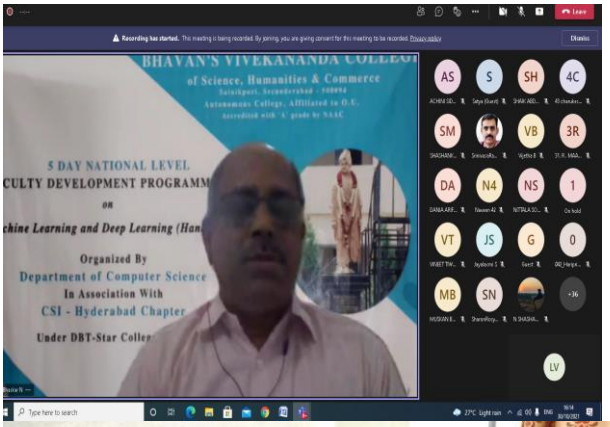
5. How to navigate & use the product worldwide.(Understanding the tools where and when to use the tool)

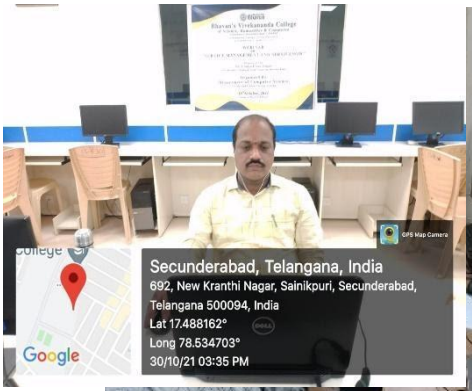
Min 3-6 months Knowledge will help for better job Opportunities

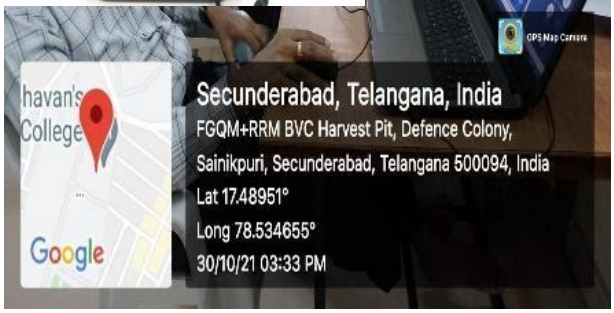
2.Domain Knowledge:-

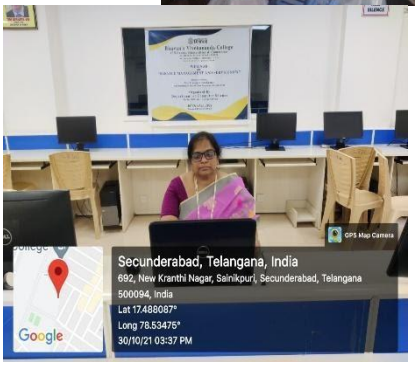
Basic Domain Knowledge-ie their roles and responsibilities.

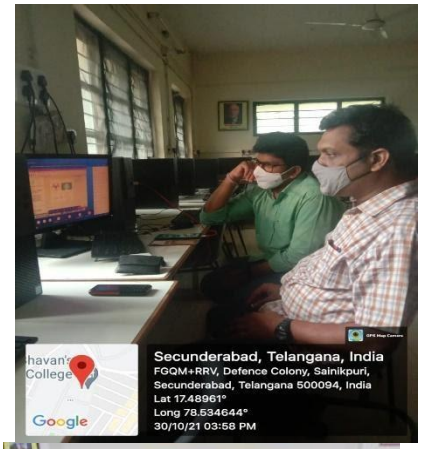
Vote of Thanks given by :-Mr.N.Bhaskar (Lecturer in Computer Science Department)







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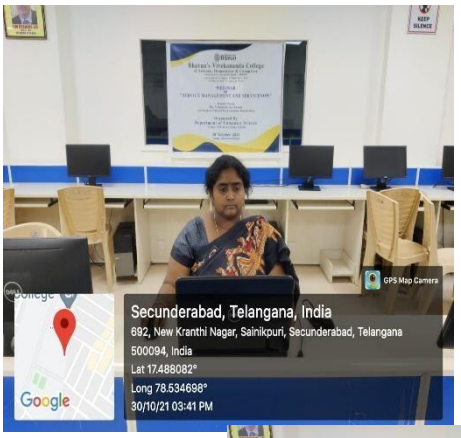
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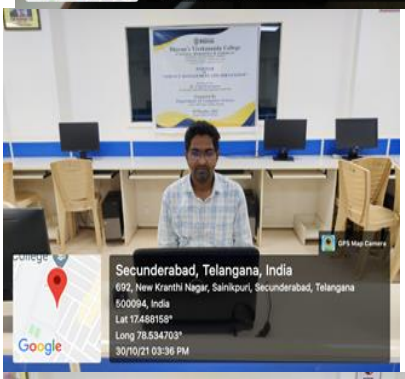
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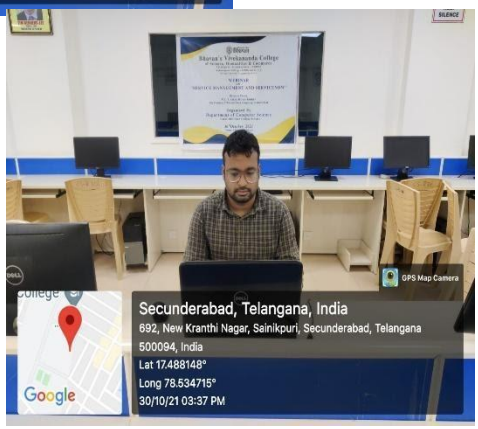
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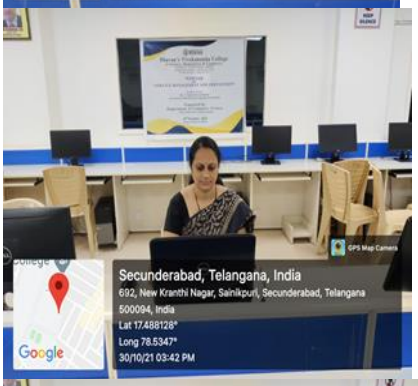
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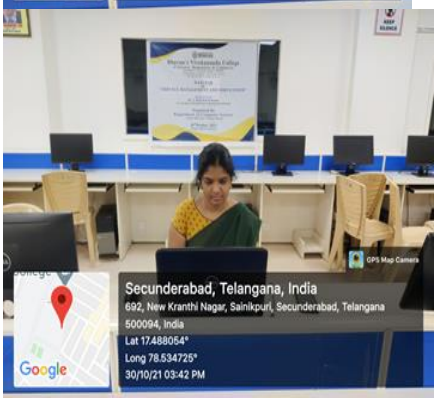
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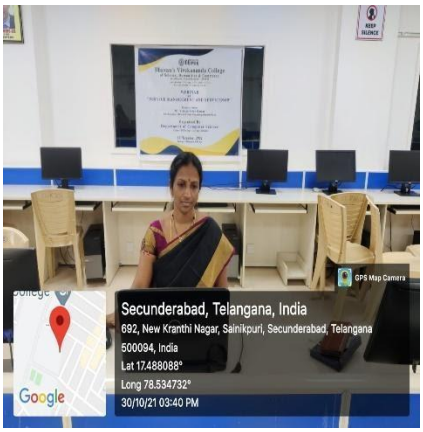

Webinar was very informative and received very positive feedback from students.

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Department of Computer Science

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Mr. N. Bhaskar
9347983943
Ms. S. Jayalaxmi
9989440261

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Report on 2 Day Webinar on

" Real –Time Applications on Digital Image Processing

and Network Security Applications

Using Deep Learning Tools with Matlab"

4th &5th October, 2021

(Under DBT-Star College Scheme)

The Department of Computer Science organized **a 2 Day Webinar on " Real –Time Applications on Digital Image Processing and Network Security Applications Using Deep Learning Tools with Matlab" on** 4th &5th October, 2021 online, through ZOOM platform

Day 1(4.10.2021)- Report

Mrs K Padma Priya, Lecturer, Department of Computer Science, welcomed Mrs K.V.B. Saraswathi, Head, Dept of Computer Science, guests and all the participants. She briefed on the purpose of the webinar, thanked DBT STAR College Scheme for permitting and organizing various Seminars/ FDP /Conferences and wished the gathering a happy learning experience.

Mrs K. V. B.Saraswathi, welcomed the attendees and briefed on the topics to be covered in the 2 day Webinar and shared that there were 206 people who registered for the webinar.

Mr N Bhaskar, Lecturer, Department of Computer Science introduced the speaker for the webinar **Mr. K. Kalyan Kumar, Senior project Engineer, DSP, Pantech Solutions Pvt. Ltd, Hyderabad.**

Describing various types of Images, types, formats of image, he gave a comprehensive explanation on Image Processing Techniques

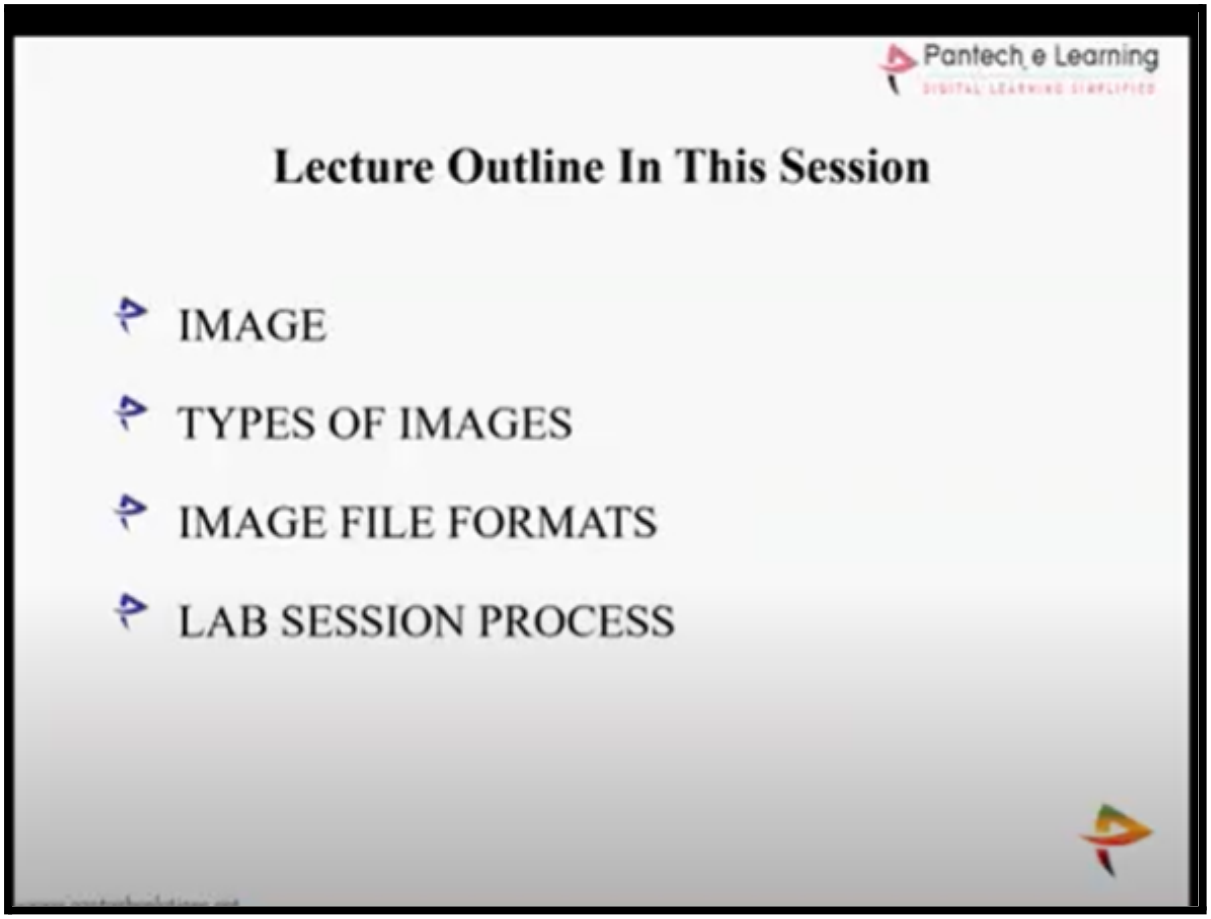

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Image Processing Technologies

- Recognition
- Segmentation
- Enhancement
- Classification
- Image Retrieval
- Noise Removal
- Steganography
- Watermarking
- Fusion
- Edge Detection

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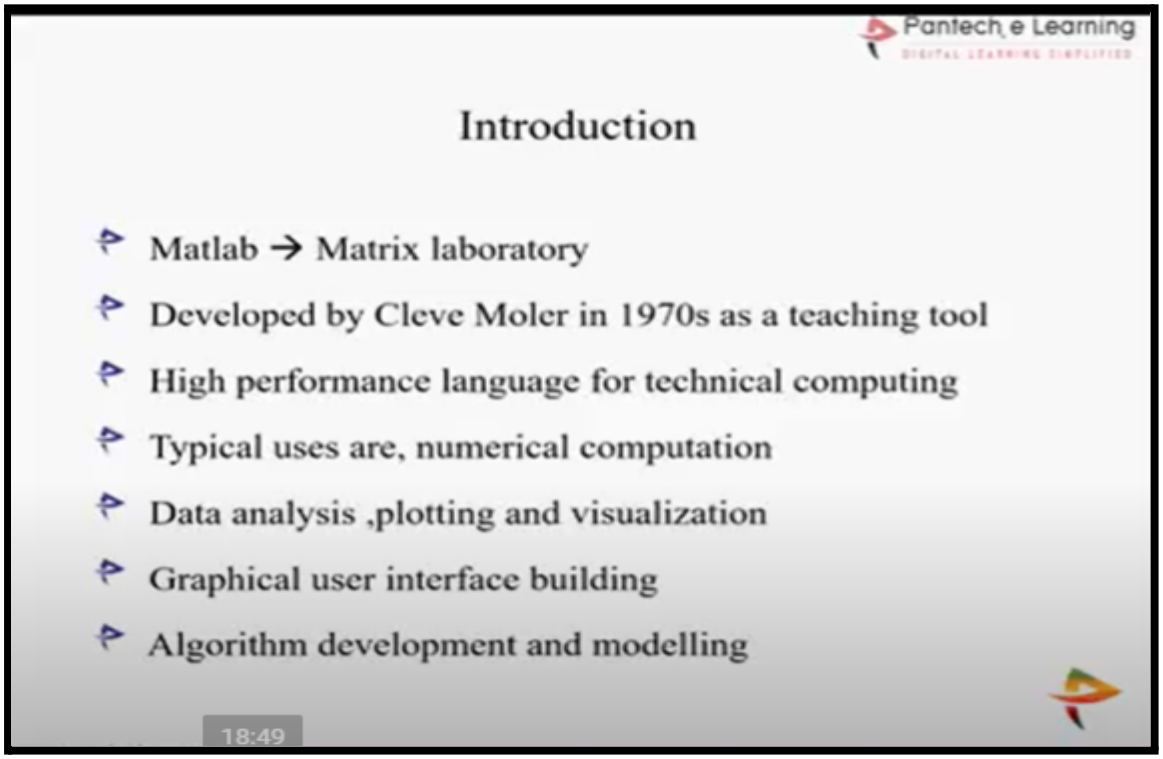
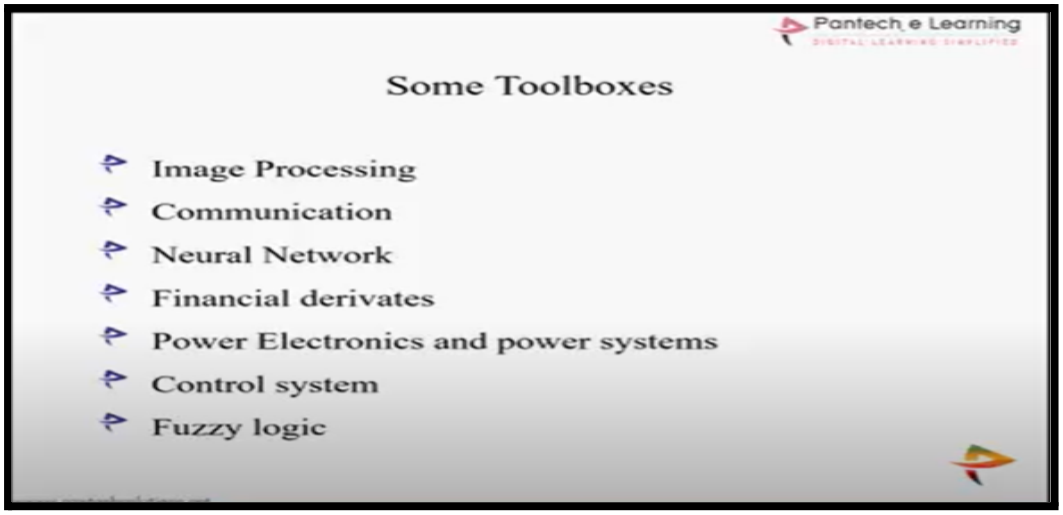
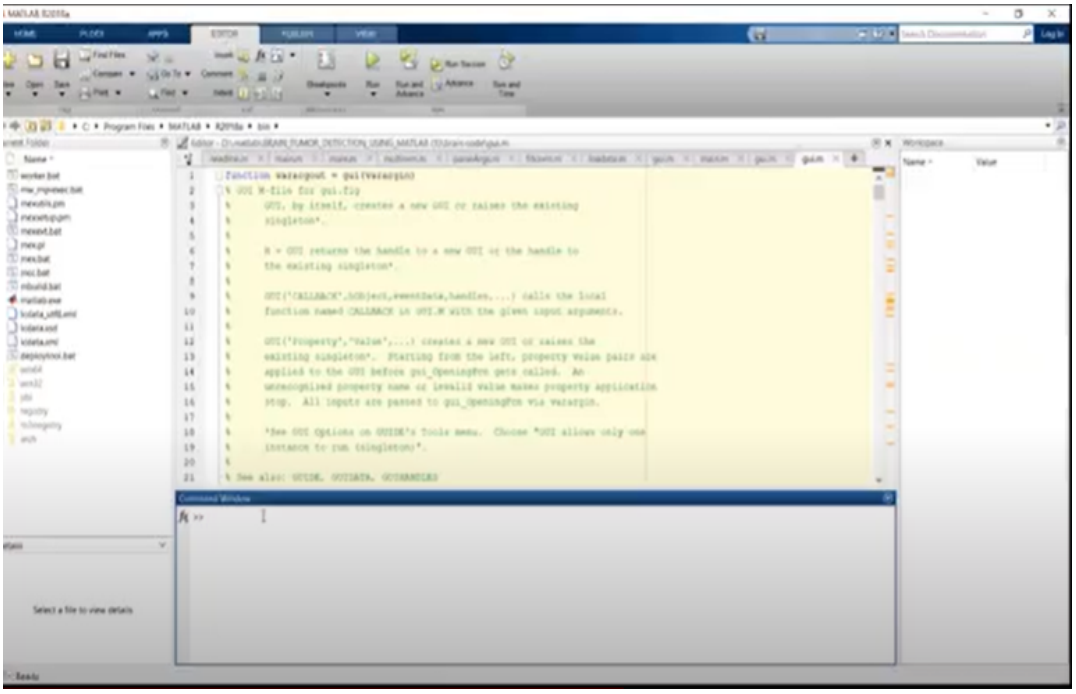
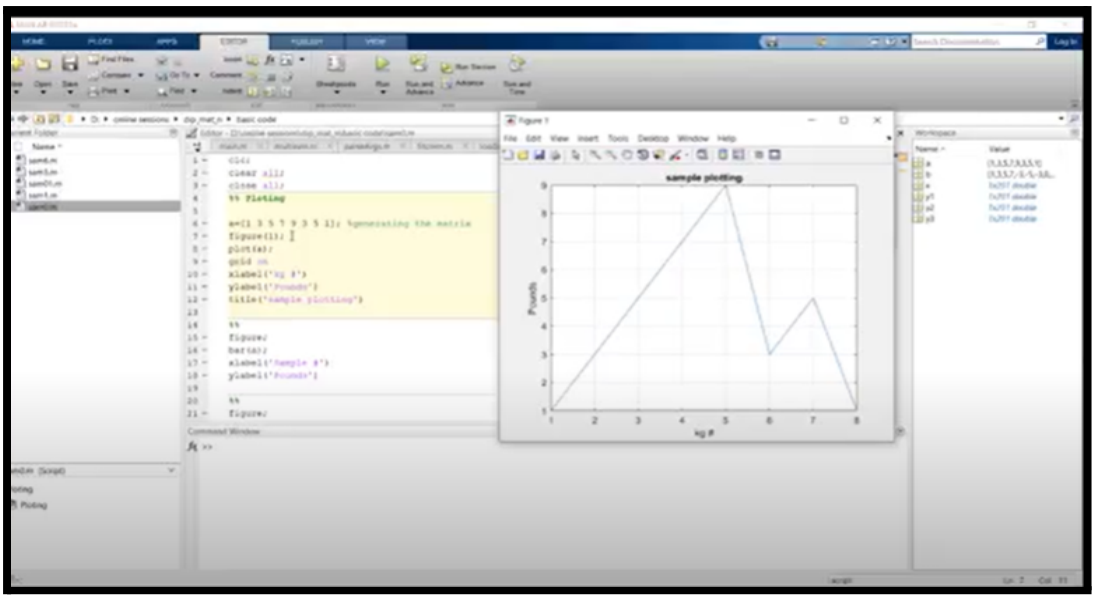
The second session was on MatLab, taken by Mr. **K. Kalyan Kumar.** He comprehensively explained about Matlab and mentioned the tools, windows available in it.





Matlab Window

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Pounds
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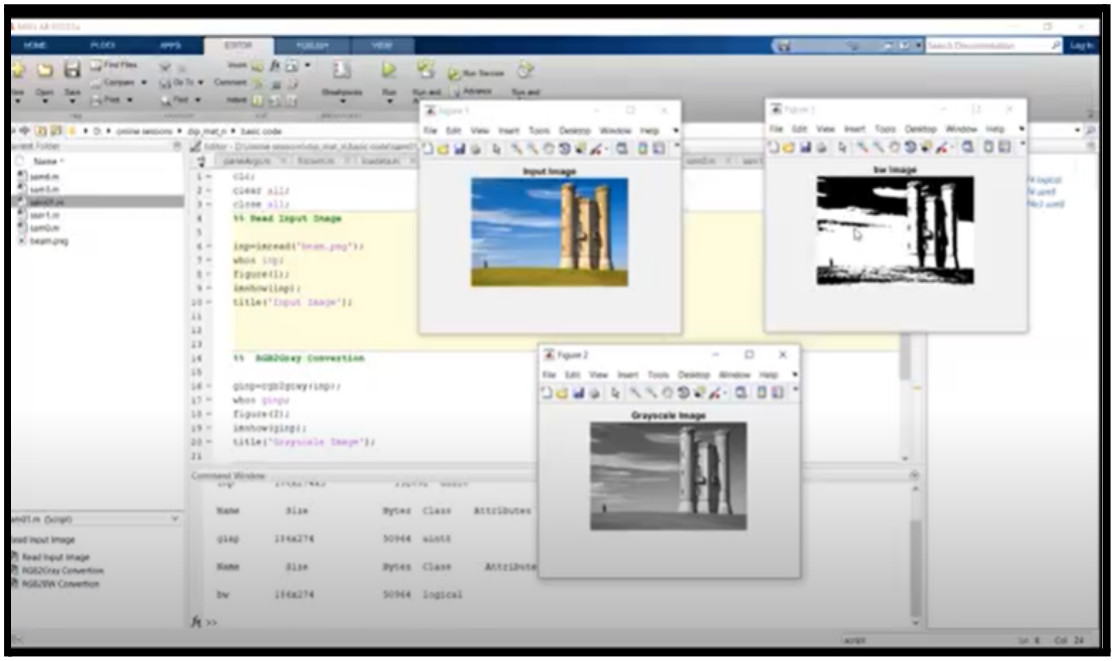
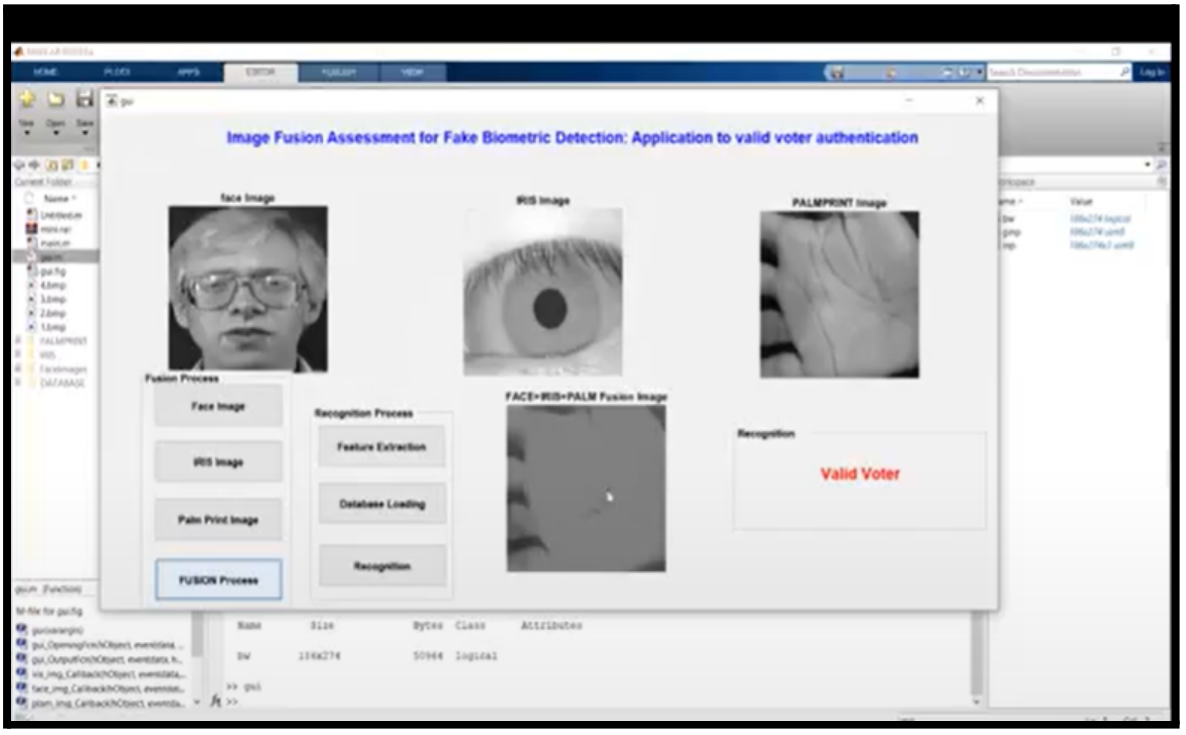
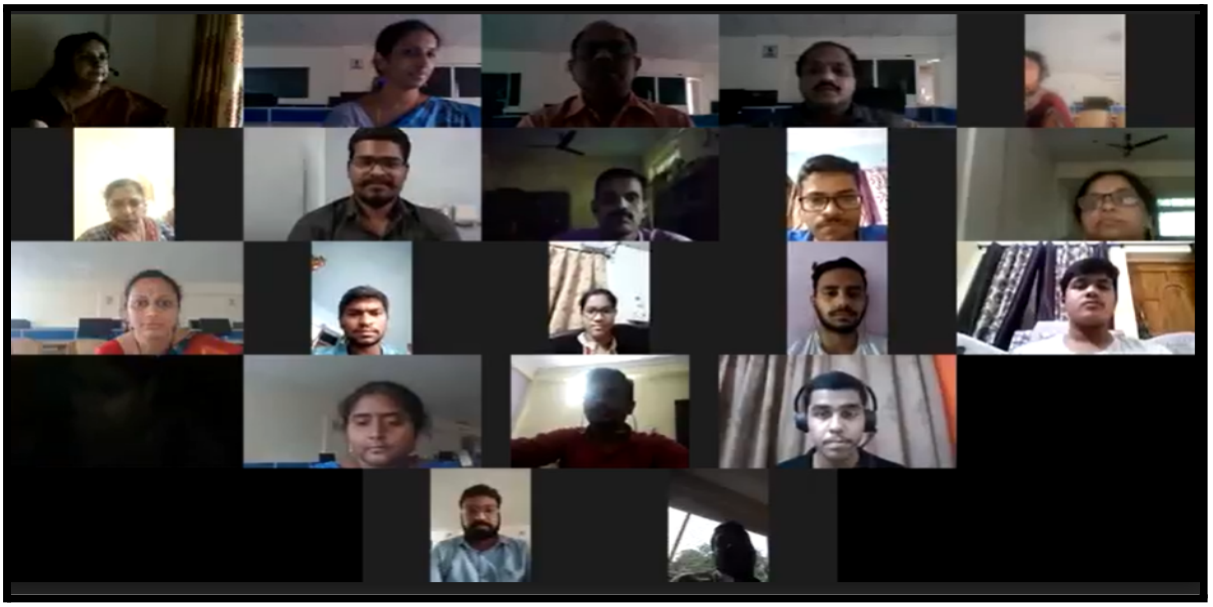

Input Image
Bw Image
Grayscale Image

He also briefed on a few Future extraction Image processing technologies such as recognition, segmentation, enhancement, classification, fusion and noise removal, Black and white conversion images.



Mrs S Jayalakshmi, Lecturer, Department of Computer Science summarised the day and thanked Mr. K. Kalyan Kumar, Mrs K.V.B. Saraswathi and all the participants of the webinar.



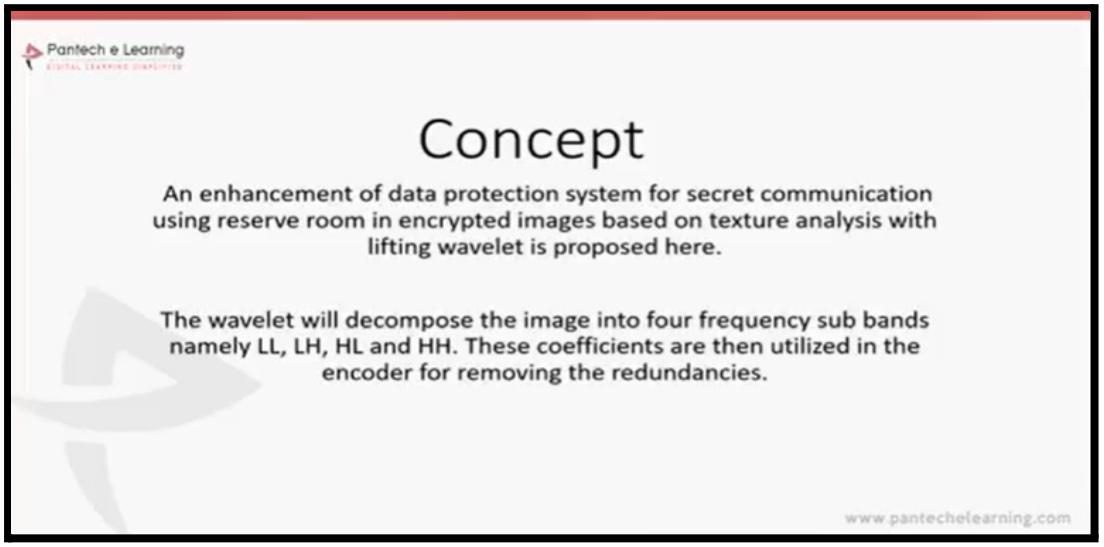
Day 2(5.10.2021)- Report

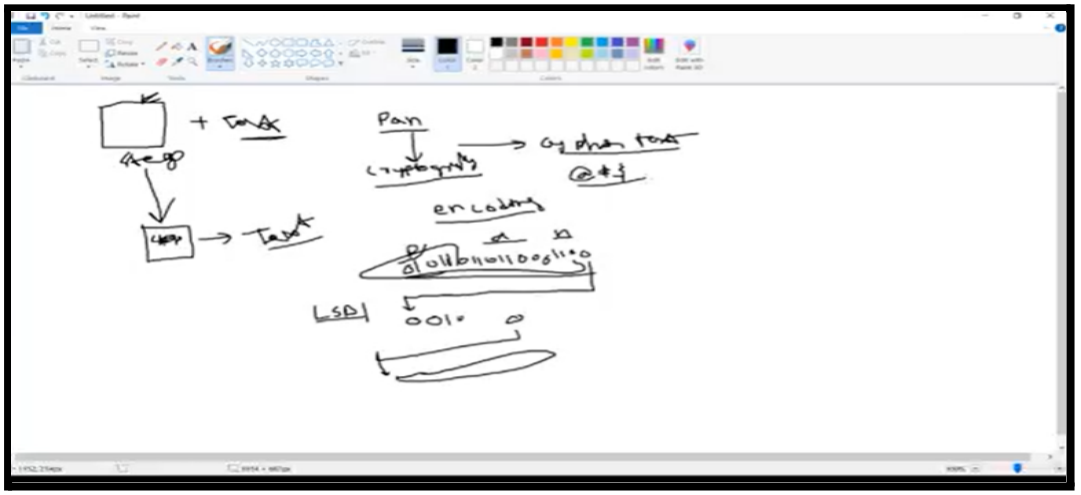
Day 2 began with Mrs. S Jayalakshmi, introducing the speaker Mr. K. Kalyan Kumar, Senior project Engineer, DSP, Pantech Solutions Pvt. Ltd, Hyderabad, He spoke on "**Steganography".**

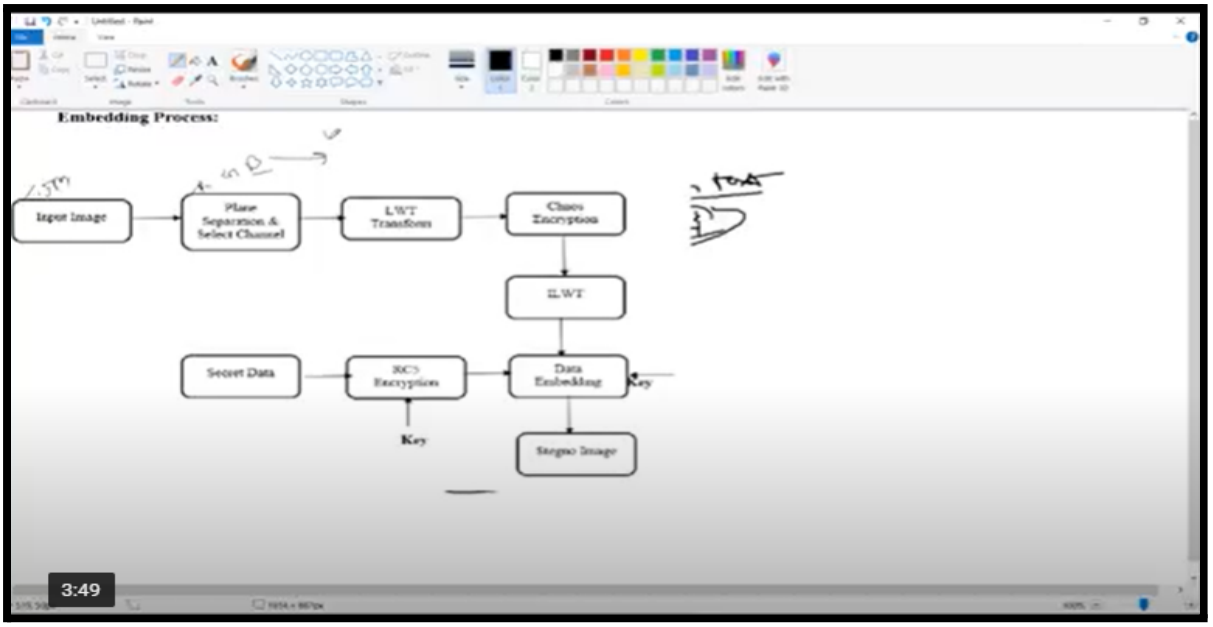
a

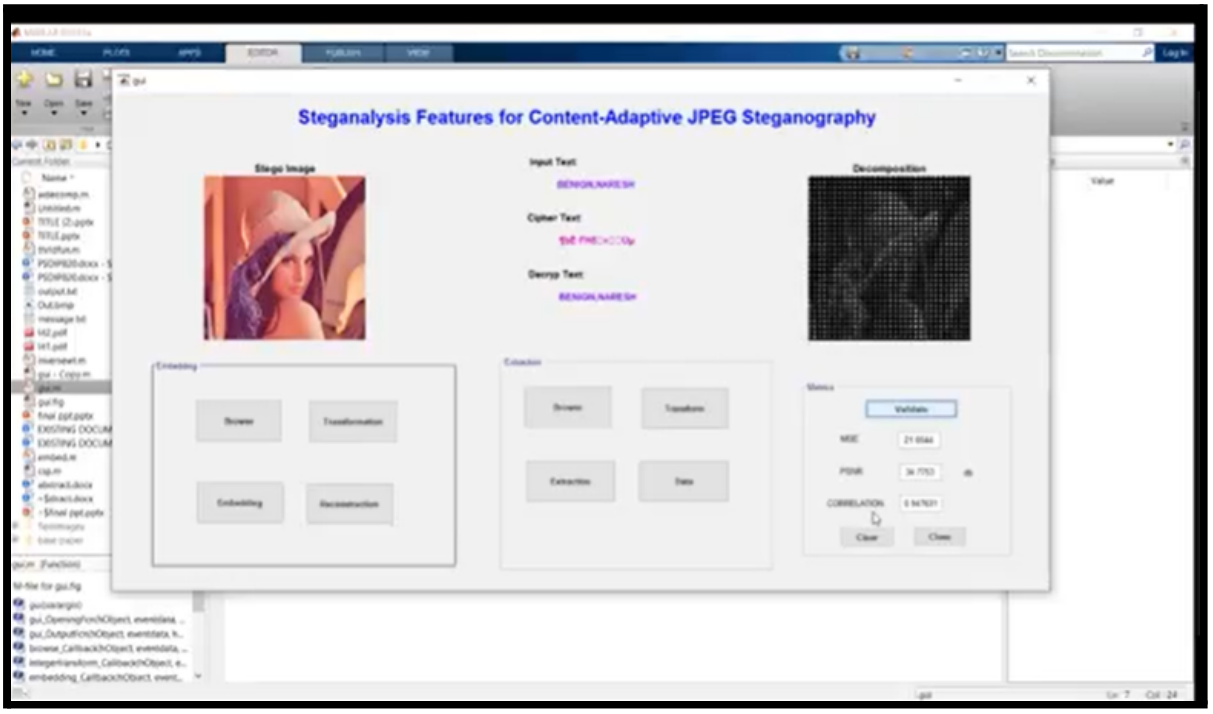
He mentioned various Segmentation techniques, wavelet transformations, Applications of Steganography, Protection of data

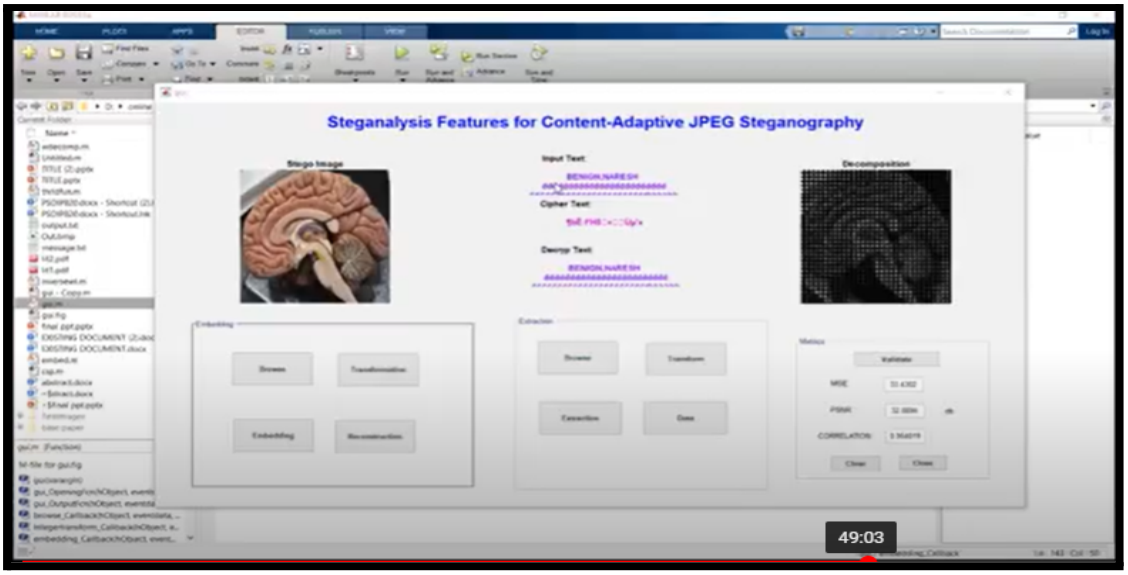
Screenshots






Embedding Process:
Input Image
Plane Separation & Select Channel
LWT Transform
Chaos Encryption
LWT
Secret Data
RC5 Encryption
Data Embedding
Key
Key
Stegno Image
3:49


Steganalysis Features for Content-Adaptive JPEG Steganography
Stego Image
Input Text
Cipher Text
Decryp Text
Decomposition
Embedding
Extraction
Validate
MSE
PSNR
CORRELATION
Close


Steganalysis Features for Content-Adaptive JPEG Steganography
Stego Image
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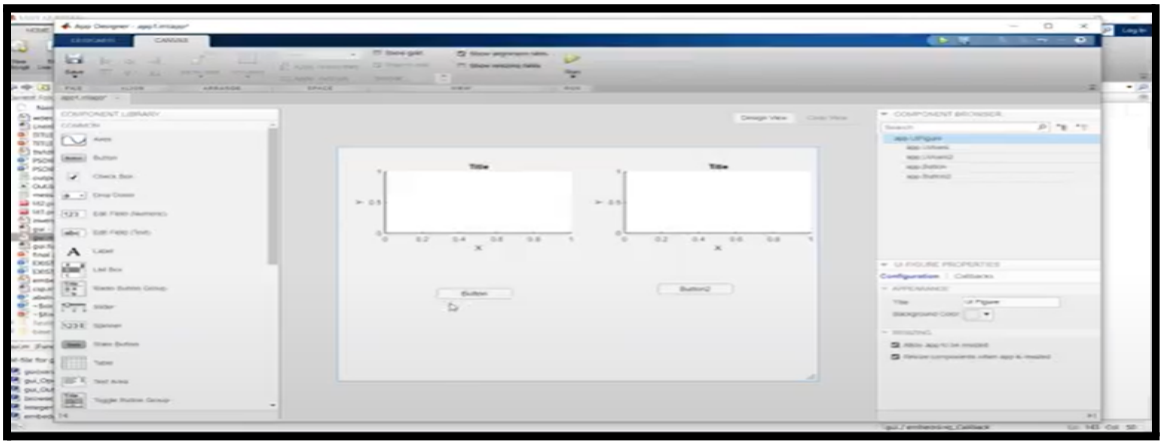
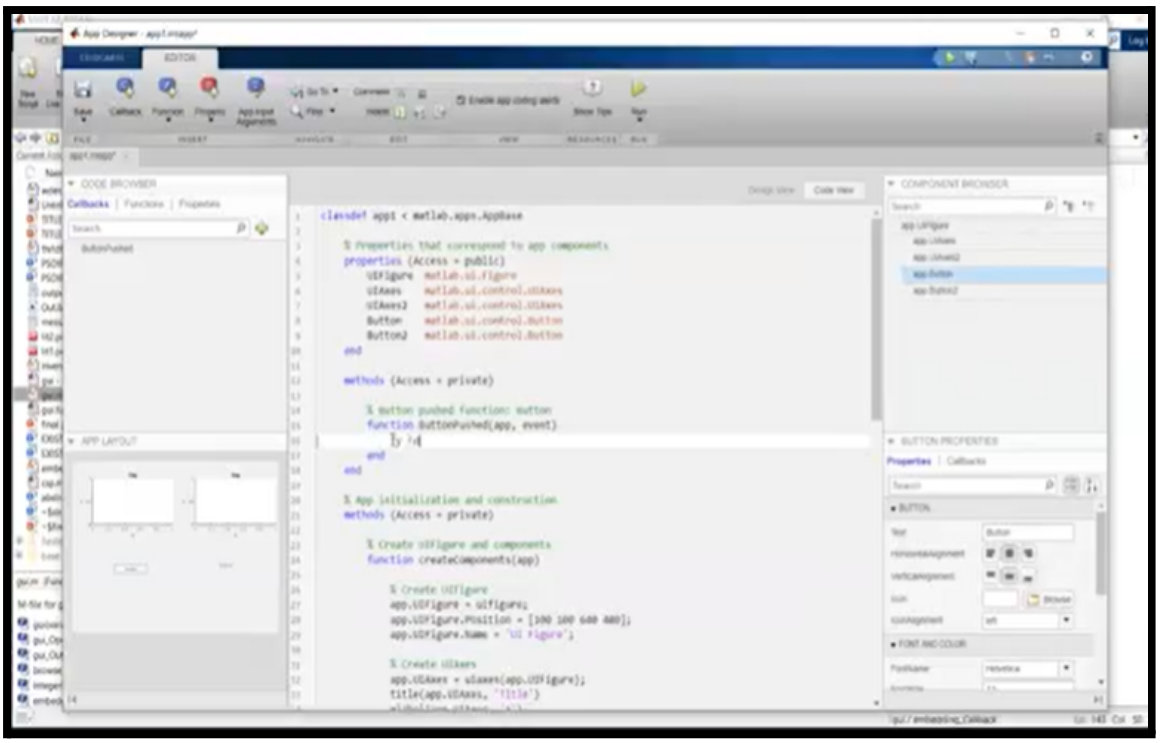
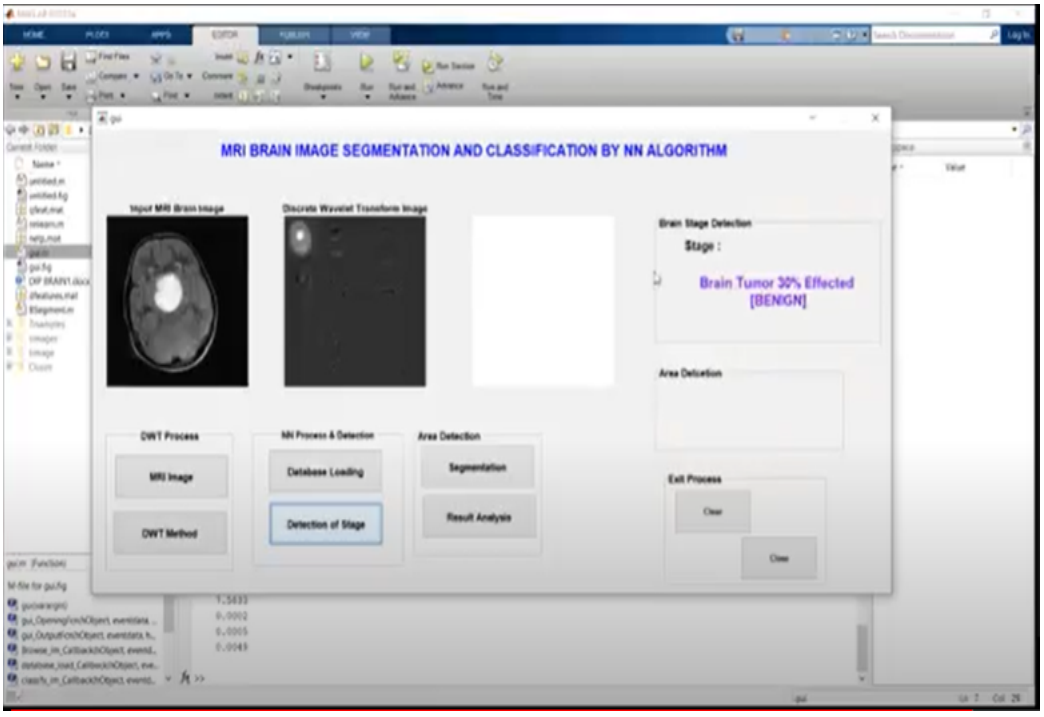
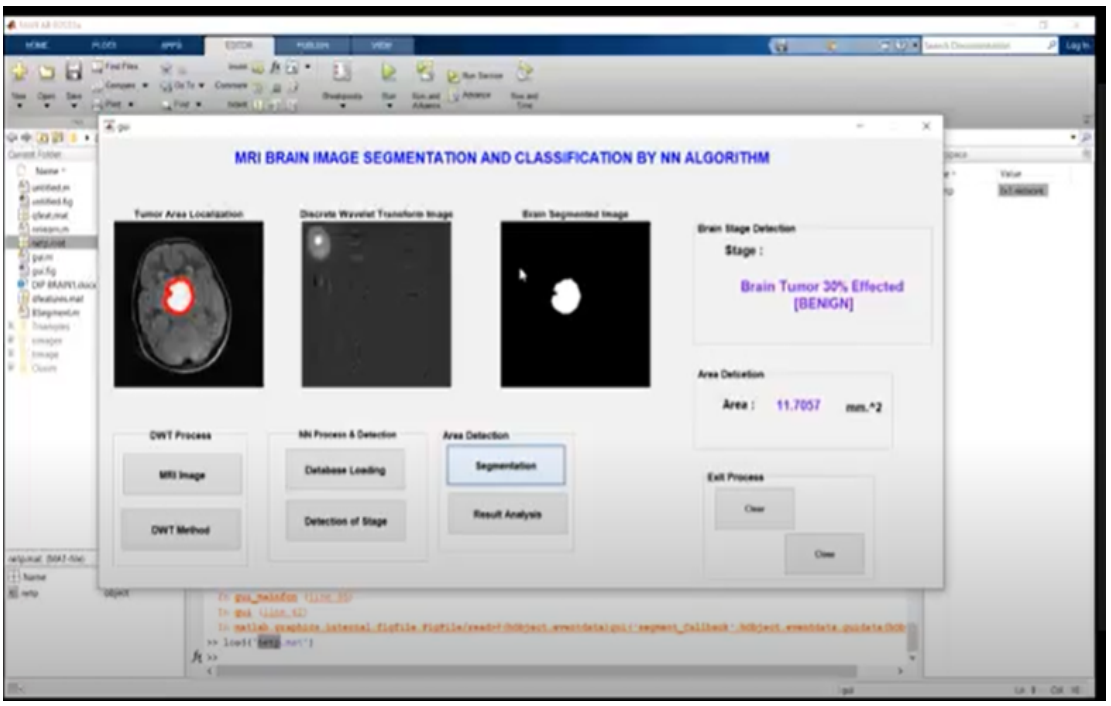
BENGNARESH
Cipher Text:
Decryp Text:
BENGNARESH
Decomposition
49:03



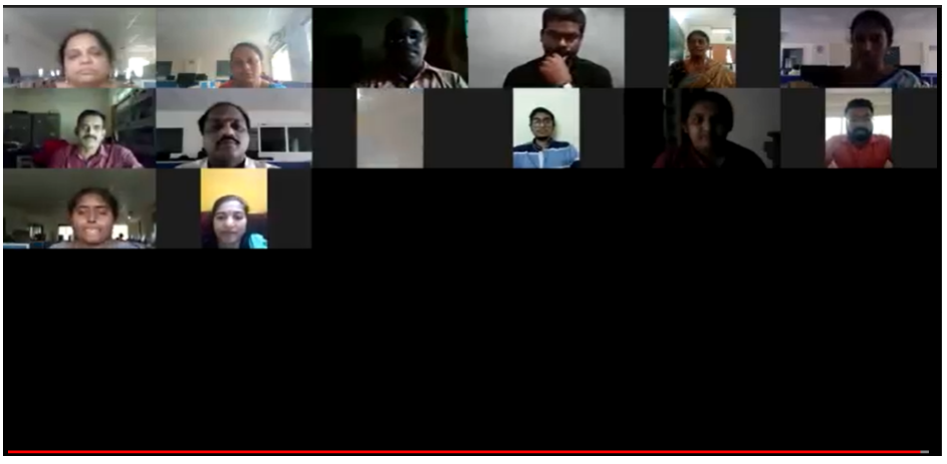

App Designer - app1.mlapp
CODE BROWSER
APP LAYOUT
COMPONENT BROWSER
BUTTON PROPERTIES
classdef app1 < matlab.apps.AppBase
% Properties that correspond to app components
properties (Access = public)
UIFigure matlab.ui.Figure
UIAxes matlab.ui.control.UIAxes
UIAxes2 matlab.ui.control.UIAxes
Button matlab.ui.control.Button
Button2 matlab.ui.control.Button
end
methods (Access = private)
% Button pushed function: Button
function ButtonPushed(app, event)
end
end
% App initialization and construction
methods (Access = private)
% Create UIFigure and components
function createComponents(app)
% Create UIFigure
app.UIFigure = uifigure;
app.UIFigure.Position = [100 100 640 480];
app.UIFigure.Name = 'UI Figure';
% Create UIAxes
app.UIAxes = uiaxes(app.UIFigure);
title(app.UIAxes, 'Title')


MRI BRAIN IMAGE SEGMENTATION AND CLASSIFICATION BY NN ALGORITHM
Input MRI Brain Image
Discrete Wavelet Transform Image
Brain Stage Detection
Stage :
Brain Tumor 30% Effected
[BENIGN]
Area Detection
DWT Process
MRI Image
DWT Method
NN Process & Detection
Database Loading
Detection of Stage
Area Detection
Segmentation
Result Analysis
Exit Process
Clear
Close



Valedictory Session:

Mrs. K Padma Priya hosted the valedictory session. Mrs. K.V.B Saraswathi presented a report on 2 Day Webinar on **" Real –Time Applications on Digital Image Processing and Network Security Applications Using Deep Learning Tools with Matlab"**



Mr. N Bhaskar, proposed vote of thanks for Day 2 of the Webinar and thanked Sri Air Cmdr. (Retd) JLN Sastry VSM, Vice Chairman, Bharatiya Vidya Bhavan Sainikpuri Kendra, Prof Y Ashok, Principal BVC, Mrs. B Niraimathi Vice Principal BVC and Mrs. K.V. B. Saraswathi Head Dept of Computer Science.

He expressed his gratitude to the eminent speaker , **Mr. K. Kalyan Kumar, Senior project Engineer, DSP, Pantech Solutions Pvt. Ltd, Hyderabad, for taking the sessions.**

Closing the session, he thanked Mr. Sridhar, Office Superintendent, BVC, for all the support.

Report on 5 Day Faculty Development Programme

on Machine Learning and Deep Learning

BHAVAN'S VIVEKANANDA COLLEGE

of Science, Humanities and Commerce
Sainikpuri, Secunderabad.
Autonomous College-Affiliated to Osmania University
(Accredited with 'A' Grade by NAAC)

Department of Computer Science

Report on 5 Day Faculty Development Programme

on Machine Learning and Deep Learning

From 27.09.21 to 1.10.2021

(Under DBT-Star College Scheme)

The Department of Computer Science organized a 5 day FDP on "Machine Learning and Deep Learning", under DBT- Star College Scheme from 27.09.21 to 1.10.2021, online through Microsoft Teams.

Day 1 - 27.09.2021- Report

Mrs K Padma Priya, Lecturer, Department of Computer Science, welcomed Prof Y Ashok, Principal BVC, Mrs B Niraimathi, Vice Principal, Mrs KVB Saraswathi Head Dept of Computer Science, all the guests and participants.

Mrs K. V. B. Saraswathi, Head Dept of Computer Science, gave the welcome address and briefed on the topics to be covered in the 5Day FDP.

Prof Y Ashok, addressed the gathering and appreciated the Department in organizing the FDP. He mentioned that Computer Science is a dynamic subject and modernizing of knowledge is essential. He also said that the faculty needs to update themselves in recent trends in the field of Computer Science. He thanked DBT STAR College Scheme for permitting and organizing various Seminars/ FDP /Conferences. He wished the gathering a happy learning experience.

Mrs K Padma Priya, introduced Dr K Venugopal, Resource person for Day 1. He took a session on “Overview of Machine Learning Paradigms”,

Describing various data arrangement and retrieval methods, he gave a comprehensive explanation on supervised and unsupervised learning with real time examples. Focusing on clustering algorithms, he elaborated on Decision trees and K- means clustering techniques and their implementation methods.

The session was concluded by Mrs S Jayalakshmi, Lecturer, Department of Computer Science. She extended thanks to the guests and participants for attending Day 1 FDP program.

The total number of Participants for the day were 69.

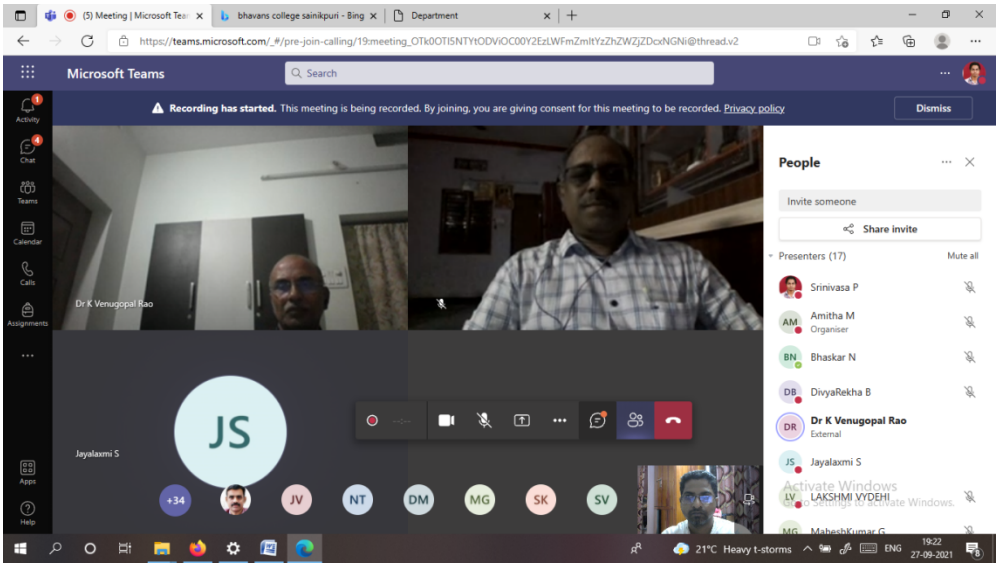
Welcome Address by

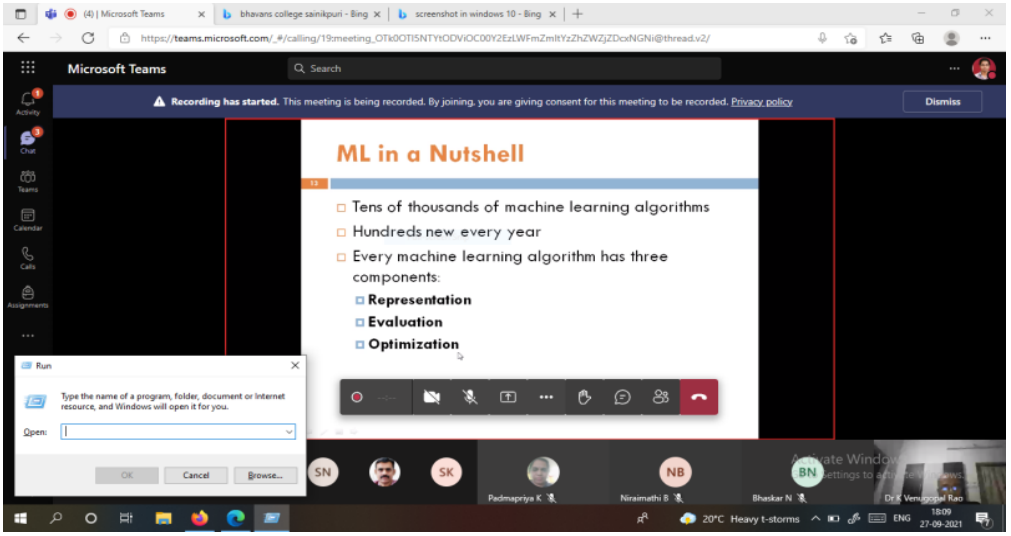
by Mrs K V B Saraswathi

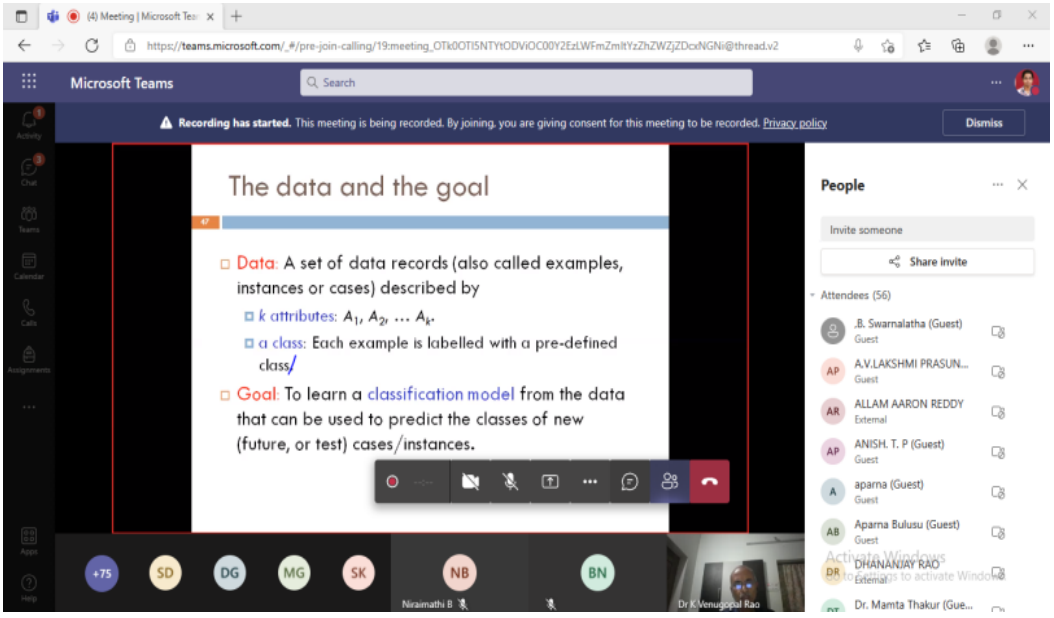
Head , Dept of Computer Science

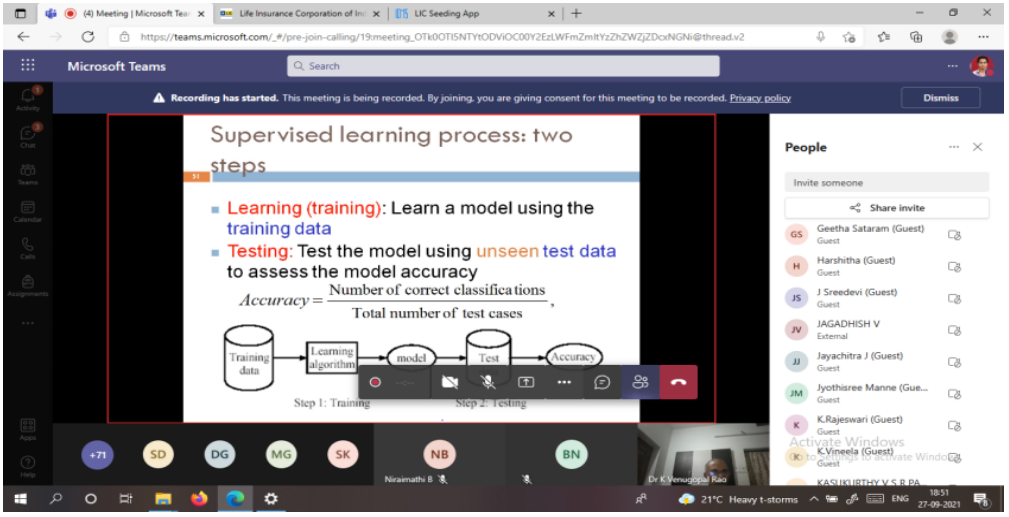
Address by Prof Y Ashok , Principal

BVC




Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
ML in a Nutshell
Tens of thousands of machine learning algorithms
Hundreds new every year
Every machine learning algorithm has three components:
Representation
Evaluation
Optimization
Run
Type the name of a program, folder, document or Internet resource, and Windows will open it for you.
Open:
OK
Cancel
Browse...
Padmapriya K
Niraimathi B
Bhaskar N
Dr K Venugopal Rao
20°C Heavy t-storms
ENG
18:09
27-09-2021


Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
The data and the goal
Data: A set of data records (also called examples, instances or cases) described by
k attributes: A1, A2, ... Ak.
a class: Each example is labelled with a pre-defined class
Goal: To learn a classification model from the data that can be used to predict the classes of new (future, or test) cases/instances.
People
Invite someone
Share invite
Attendees (56)
B. Swarnalatha (Guest)
A.V.LAKSHMI PRASUN...
ALLAM AARON REDDY
ANISH. T. P (Guest)
aparna (Guest)
Aparna Bulusu (Guest)
DHANANJAY RAO
Dr. Mamta Thakur (Gue...
Niraimathi B
Dr K Venugopal Rao

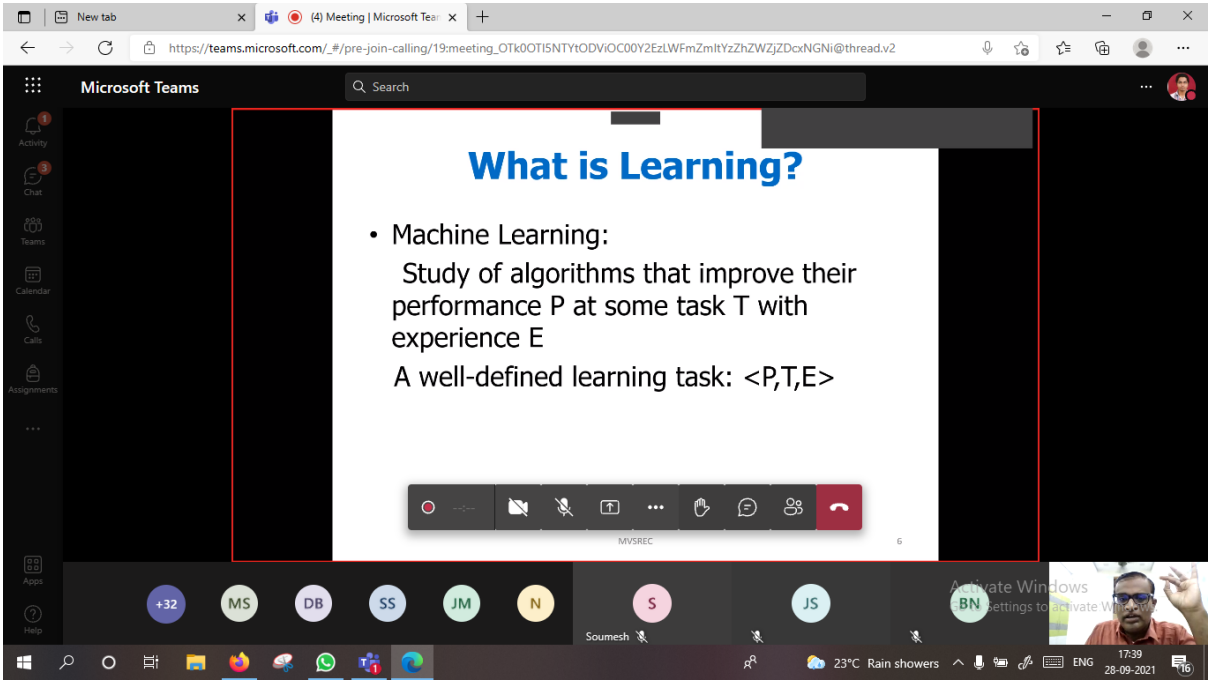


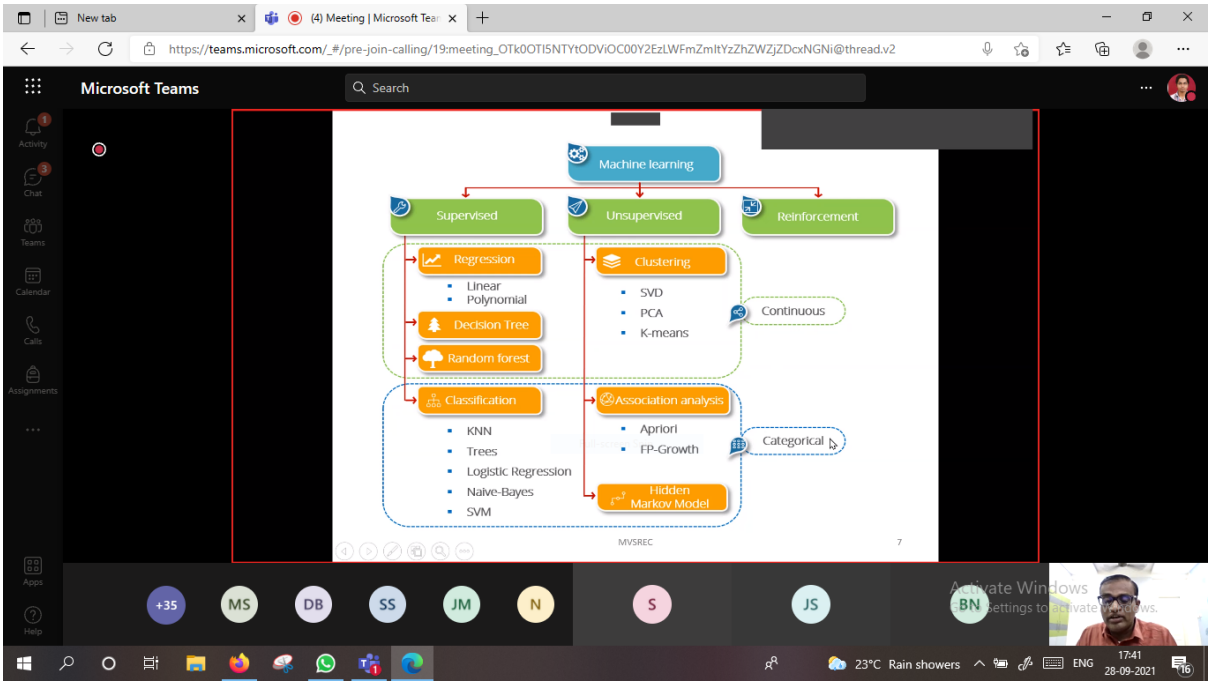
Day 2 Report-28.09.2021

Day 2- Session -1-Report

Day 2 of the FDP had begun with Mrs. S Jayalakshmi introducing Dr. Sesham Anand, Professor of Computer Science and Engineering at Maturi Venkata Subba Rao (MVSR) Engineering College, the Speaker for the session -1. He spoke on "Learning using Multi-Layer Perception Architectures.

He elucidated on Introduction to AI, Components of AI, Neural networks-Biological NEURON – FUNCTIONING, the net input for neuron various Neural network architectures, activation function etc.



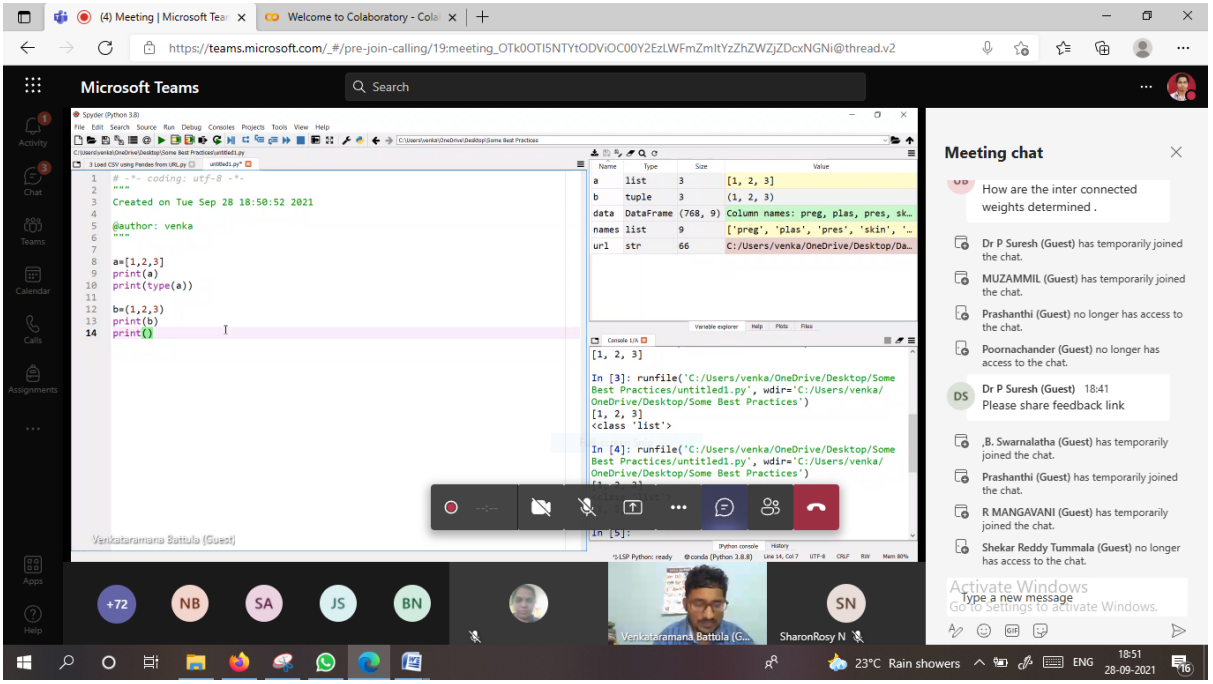


Day 2- Session-II Report

Mrs S Jayalakshmi, then introduced the resource person Mr. B Venkata Ramana, Assistant professor, CSE dept from MVSR Engineering College.

He took a session on Anaconda Introduction—Spyder, difference between list and tuple , Different methods to load datasets, and Preprocessing techniques-

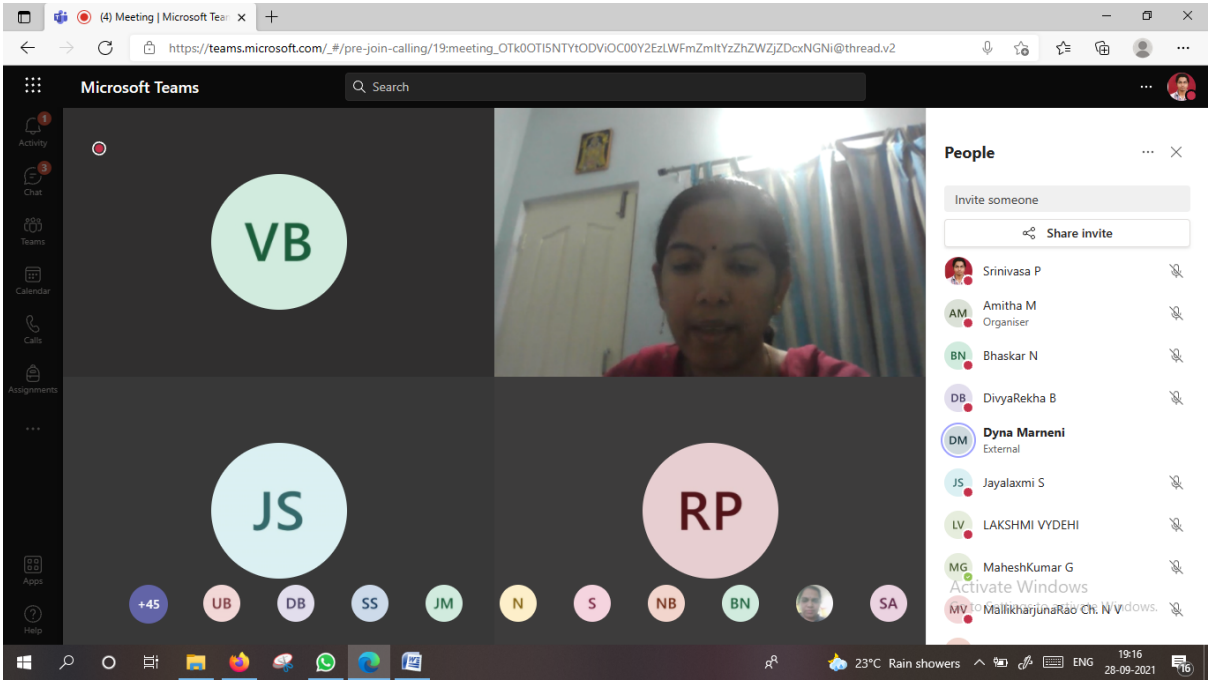
such as normalization(min-max normalization, standard scalar, z-score normalization).

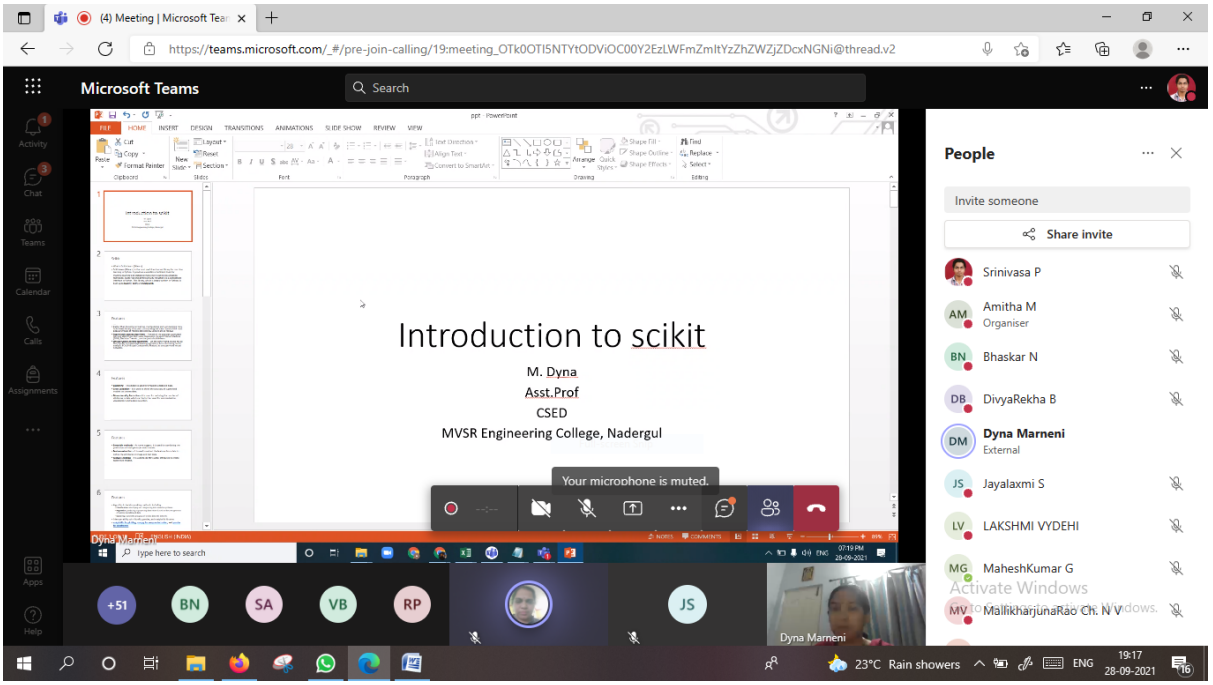


Day - 2: Session III

Mrs S Jayalaxmi, Lecturer, later introduced Ms M Dyna Balaraj, Asst. Professor, Department of CSE from MVSR Engineering College, the resource person for the 3rd session. She took a session on "Introduction to Supervised Learning using Scikit-Learn". She elaborated on

- Classification and regression practical APPLICATIONS
- Introduction to Scikit
- How to measure the performance – absolute error, mean square error, root mean square error
- Basic steps need to be followed when applying any algorithm
- Performance metrics --Confusion matrix, accuracy score calculations—classification algorithm (decision tree)





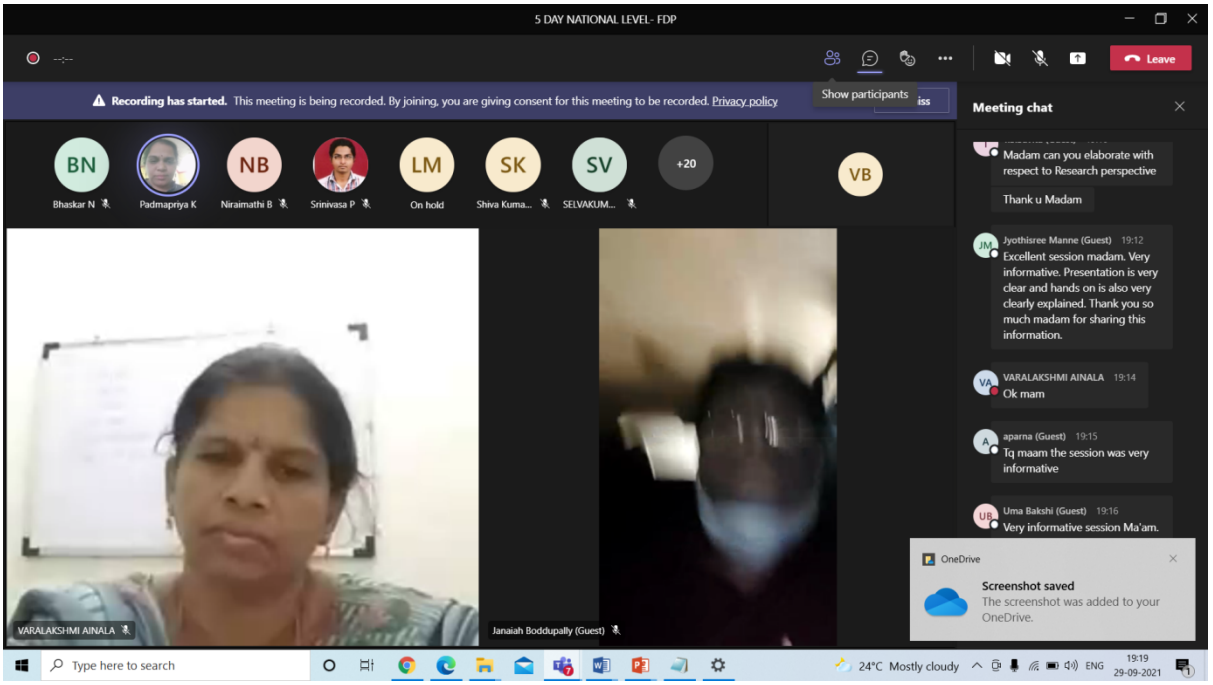
Mrs Padma Priya , wrapped the session by thanking the speakers. Total number of Participants for the day were 76.

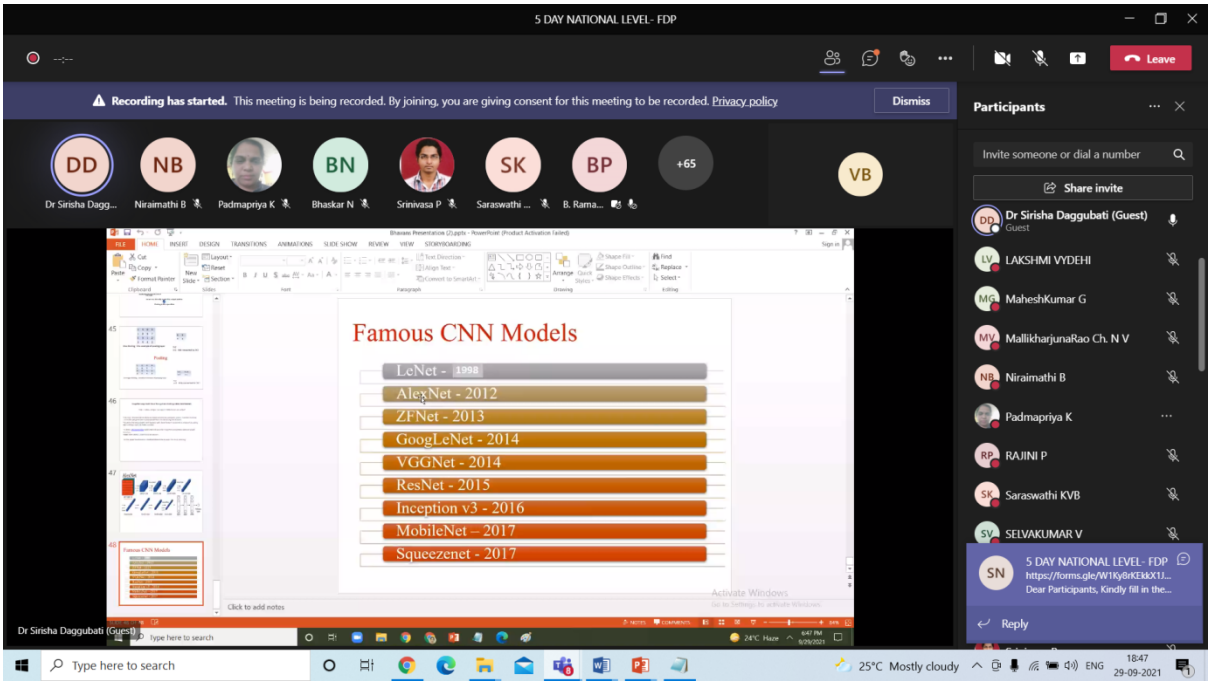
Day 3(29.09.2021)- Report

Mrs K Padma Priya, introduced Dr. Sirisha Daggubati Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College, resource person for the day. She took a session on **Feature Learning using Convolution Neural Networks (CNNs)" including**

- Traditional ANN--- Disadvantage(Flatten an image)
- Image—definition and types of images and pixel size of each type
- CNN– Definition (Input is an image – apply filters on input image—feature map(output)
- Types of filters
- Operations of CNN---- Stride, Padding, pooling(optional), sub sampling(optional)
- LeNet---- was first CNN, LeNet-5 CNN made up of 7 Layers
- Famous CNN Models– LeNet, AlexNet, ZFNet, GoogleNet……

She also took a practical session on Print image, resizing image, rewriting an image, generate grayscale image(conversion), Generate Dimensions of an image, Generate Binary image and binary inverse image, Dilation image and Crop image using OPEN CV Module.



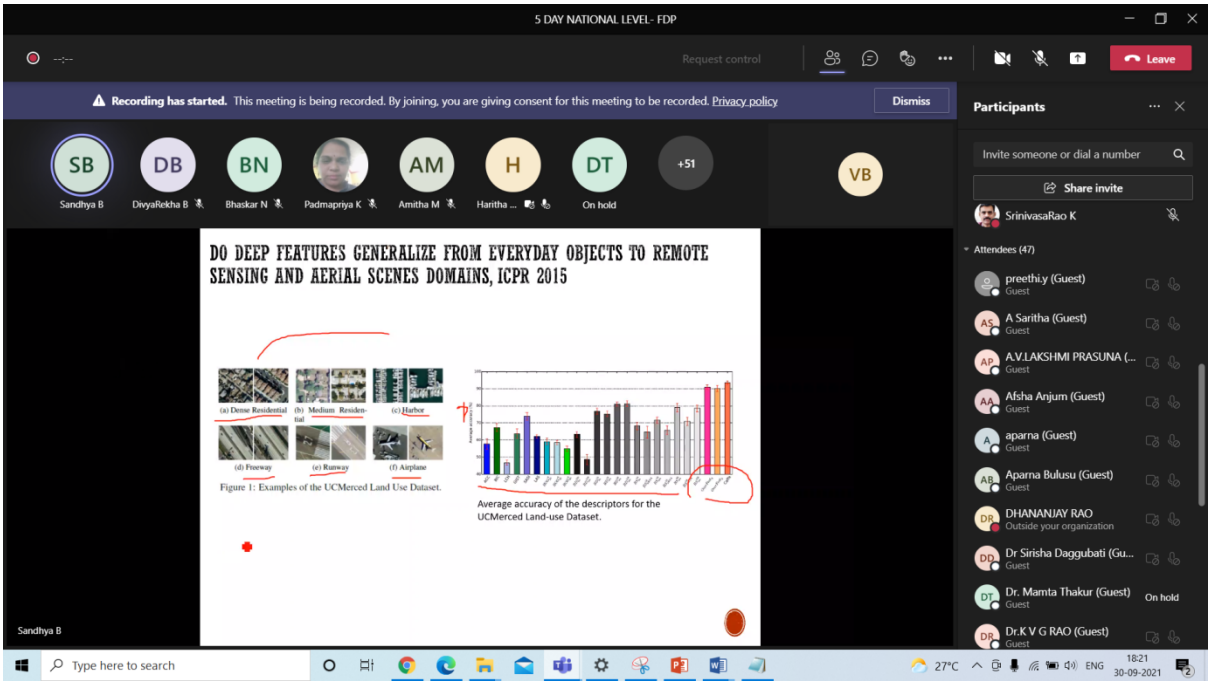


Mrs Padma Priya, ended the session by thanking the speakers and participants. Total number of Participants for the day were 81.

Day 4 –(30.10.2021)-Session 1-Report

Mrs K Padma Priya, introduced the resource person- Dr. B. Sandhya Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College. She took a session on **"Transfer Learning using Deep CNNs"**

She explained Data representation Methods, CNN architecture, Feature Conversions, various learning methods and Examples on CIFAR10 , and OXFORD datasets

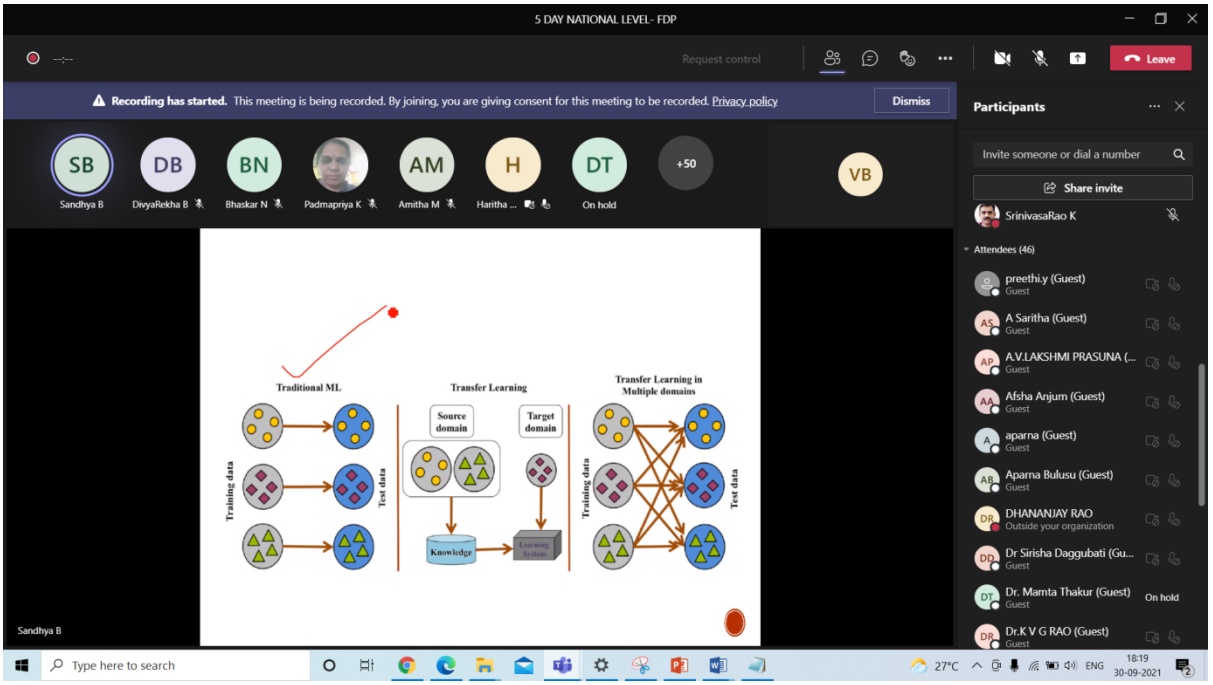


Day 4 –(30.10.2021)-Session 2-Report

Mrs K Padma Priya, later introduced the resource person Mrs B. Kalpana Reddy, Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College. She took a session on **"Introduction to KEROS" including**

- List of compilation techniques available
- Create sequential model and set the parameters
- Various loss function to evaluate the performance of the model
- Procedure to compile the model
- Live execution of CNN model

Mrs. Padma Priya, concluded the session for the day by thanking the speakers and participants. The total number of participants for the day were 69.



Day -5(1.10.2021) Session -I Report

Mrs S Jayalakshmi, introduced Ms. Haritha Damarla Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College, speaker for the day

She took a 'Hands on' session on using Keras with Tensorflow backend on Google colab",

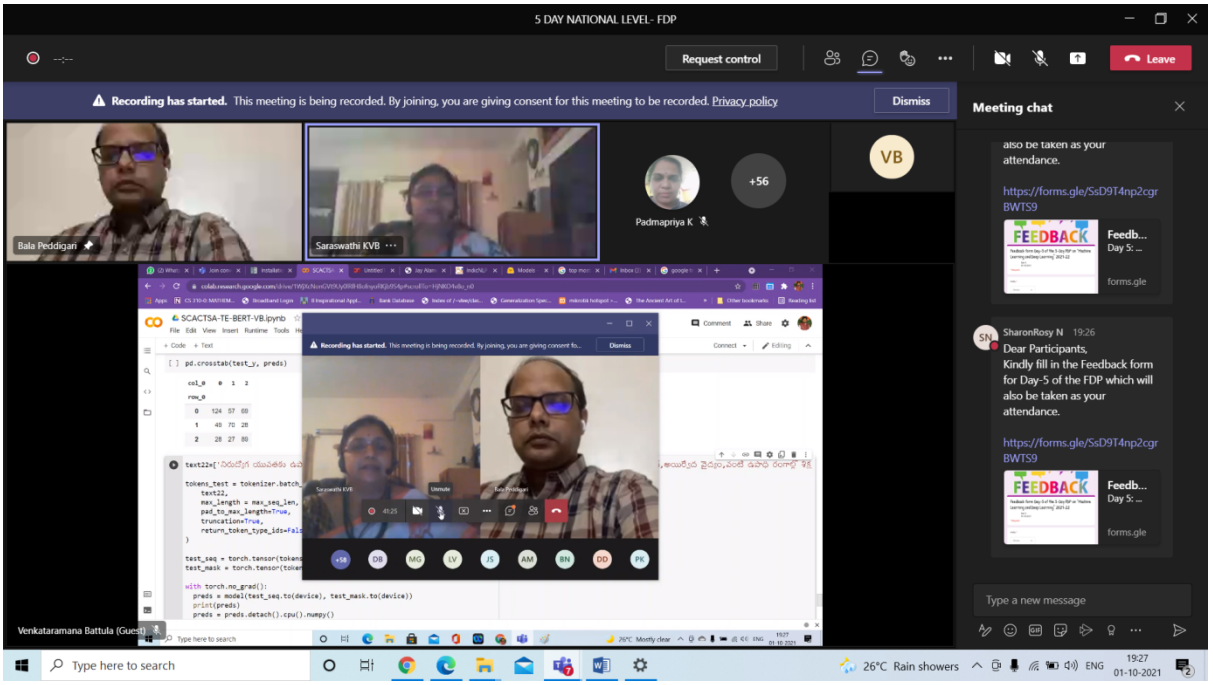
Day -5(1.10.2021) Session -II Report

Mrs S Jayalaxmi later introduced the resource person Mr. B Venkata Ramana, Assistant Professor, CSE dept, MVSR Engineering College. He took a 'hands on' session on IndicNLP. The number of participants for the day were 69.

Valedictory Session:

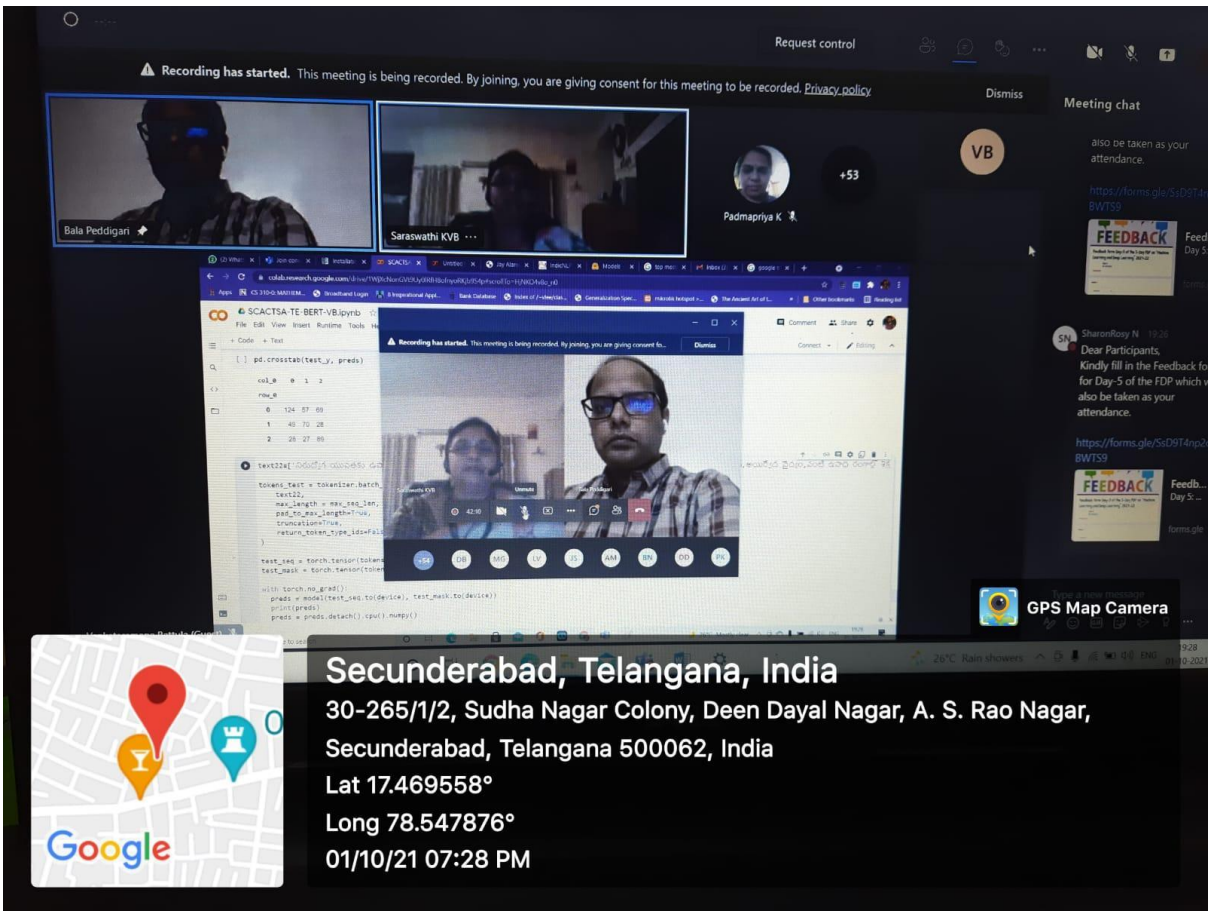
Mrs. K Padma Priya hosted the valedictory session. Mr Bala Prasad P, Chairman –CSI Hyderabad Chapter was guest for the valedictory session.

Mrs. K.V.B Saraswathi Head, Dept. Of Computer Science, presented the report on 5 Day Faculty Development Programme on “Machine learning and Deep learning.”

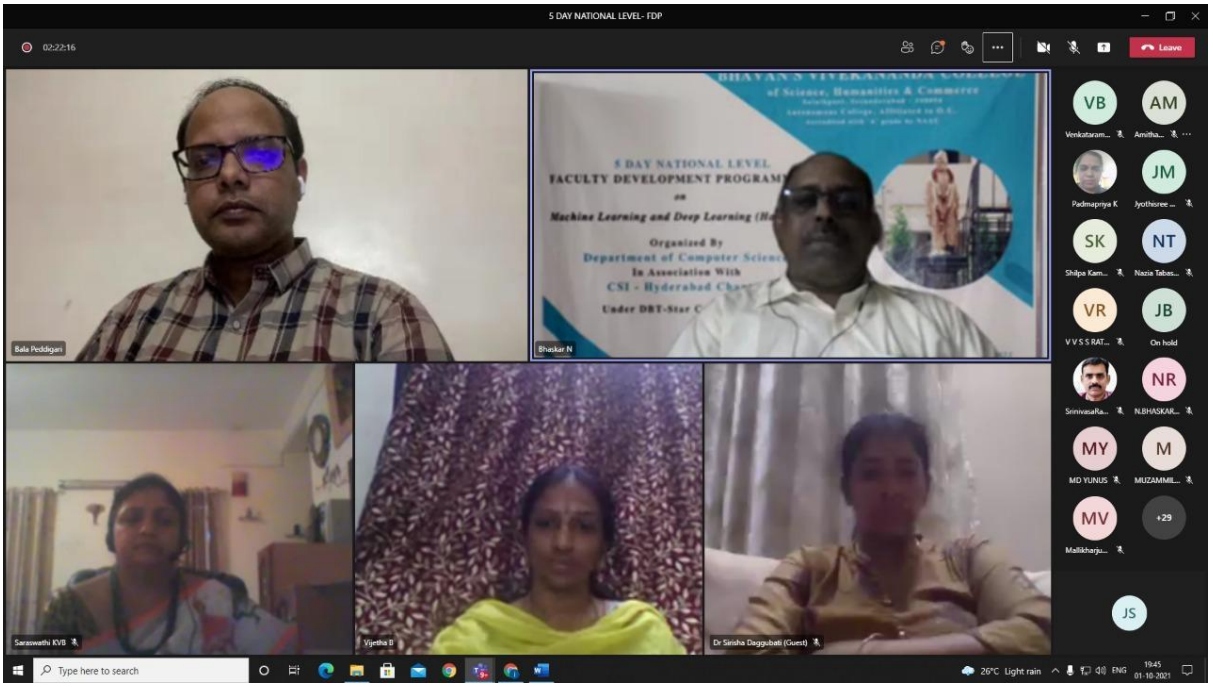


Mrs. K Padma Priya, then introduced V Mr. Bala Prasad P, Chairman –CSI Hyderabad Chapter, who was the chief guest for the valedictory session.

He appreciated the department for organizing an FDP program on “Machine learning and Deep learning”. He stressed on the importance of these topics in the present era of Computers.



Mr. N Bhaskar, Lecturer, Dept of Computer Science BVC proposed vote of thanks for the 5 Day Faculty Development Programme on machine learning and Deep learning.



He thanked Sri Air Cmdr. (Retd) JLN Sastry VSM, Vice Chairman, Bharatiya Vidya Bhavan Sainikpuri Kendra, Prof Y Ashok, Principal BVC, Mrs. B Niraimathi Vice Principal BVC and Mrs. KVB Saraswathi Head Dept of Computer Science.

He expressed his gratitude to all the eminent speakers of the 5 Day Faculty Development Programme.

He also thanked all the Management of various colleges for permitting their faculty to attend in the 5 Day FDP.

Lastly, he thanked Mr. Sridhar, Office Superintendent, BVC, for making all the necessary arrangements.

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce
Autonomous College – Affiliated to Osmania University
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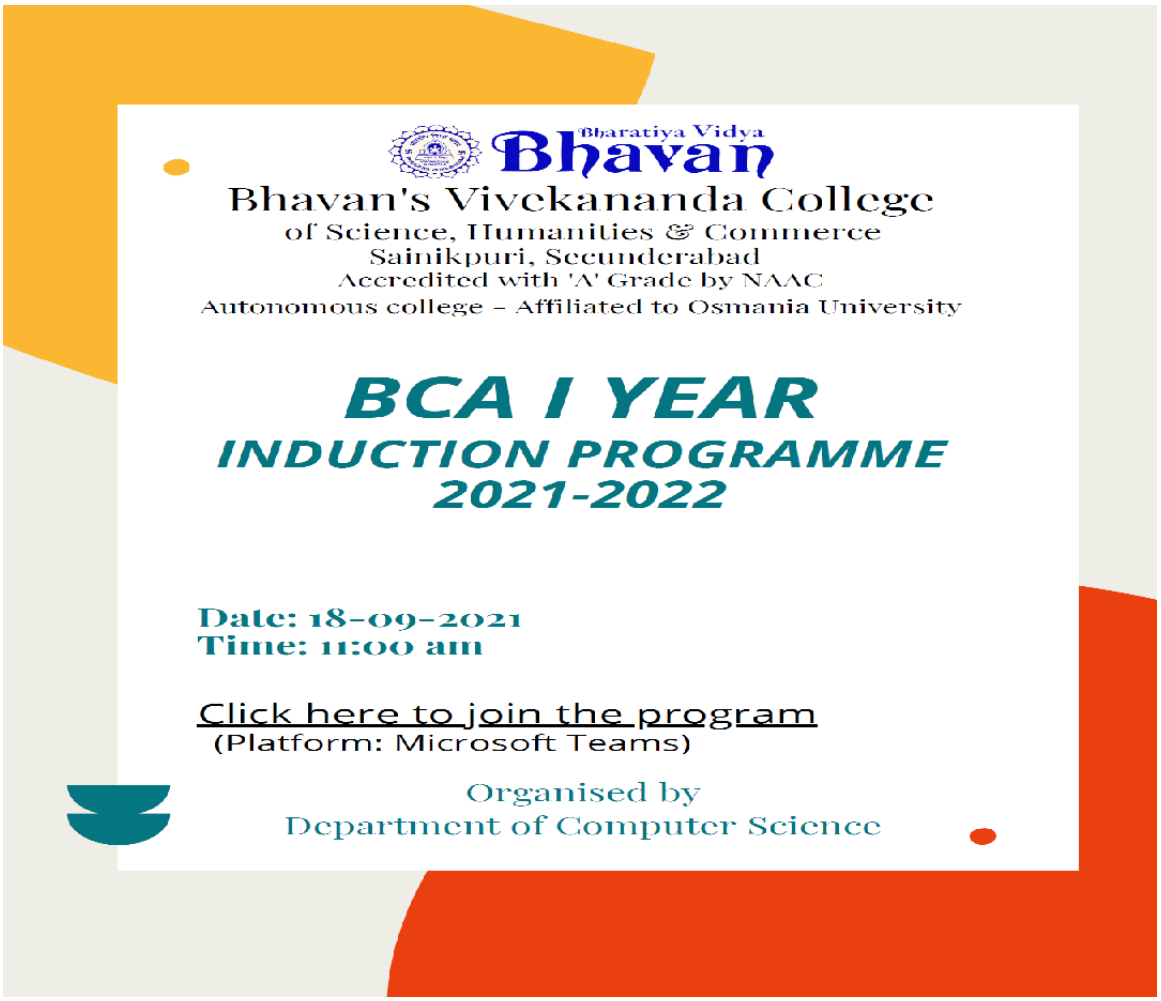
BCA I YEAR INDUCTION PROGRAMME 2021-22



A 5-day Induction programme was conducted by the Department of Computer Science for the I year students of BCA programme, from September 16, 2021 to September 21, 2021. As part of this Induction programme, the first 2 days were a general introduction to students regarding the college, the various cells and different activities taken up as part of these cells within the college.

An exclusive induction programme was organised for the I year students of BCA students on Day-3, i.e 18th September, 2021 at 11:00 a.m. through Microsoft Teams Platform (online mode). The programme began with Bhavan's Prayer.

The Chief Guest for the programme was Prof. Y. Ashok, Principal, Bhavan's Vivekananda College, Sainikpuri. Addressing the students on this occasion, he explained the importance of computer applications in the real world scenarios especially during the COVID-19 pandemic. He alleged that the computer subjects are very dynamic ie., the new softwares, hardware, programming languages evolve daily and few of them are outdated also. So, he asked the students to upgrade their knowledge and skills accordingly to compete with the real world. He wished the best for students.

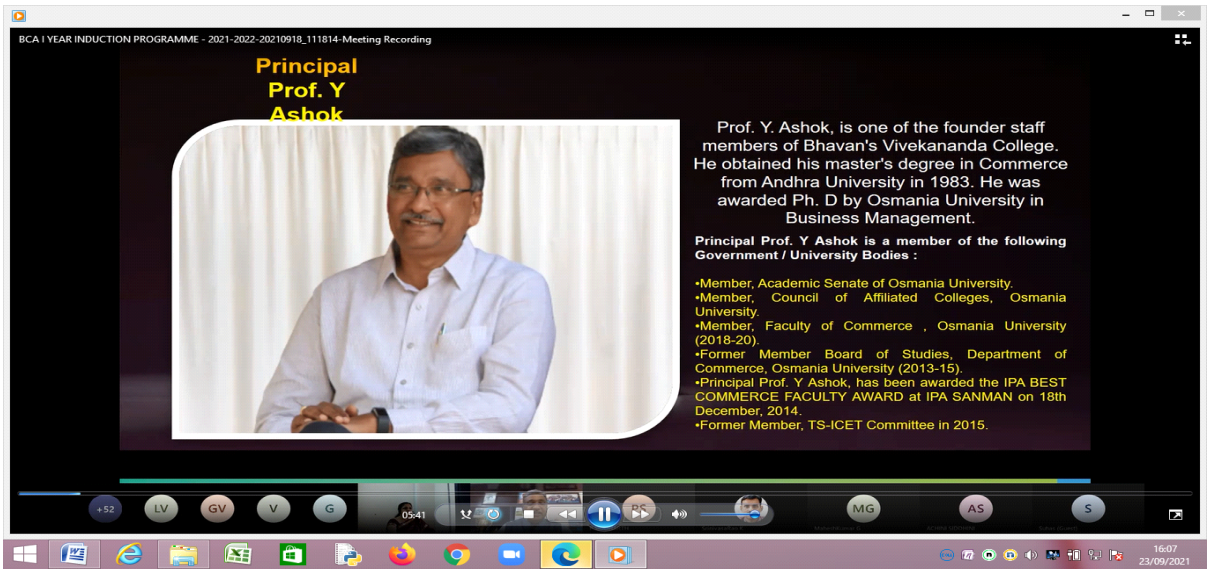
Mrs. KVB Saraswathi Devi, Head, Department of Computer Science addressed the students explaining about the college Ranking such as NAAC and NIRF, the industry expectations from the undergraduate students, improvising and upgrading of skills, placement opportunities and wished the students a good luck.

Mr. G Mahesh Kumar, Coordinator, BCA Programme, welcomed the students for joining this programme. He briefed about the departmental activities such as Guest Lectures, Outreach Programmes, Charles Babbage Day Celebrations, Gyan Tarangini Vyakhyana Mala, National Science Day, National Seminar, International Conference, Value-Added Courses, Workshops, Webinars and Faculty Development Programmes. He highlighted BCA Programme Outcomes and Programme Specific Outcomes. He briefed and motivated the students about the top 10 Osmania University Ranks secured by their seniors earlier. He informed about the staff of the computer science department and wished the students the best.

A Live interview was organized by the BCA III year students with the alumni students Mr. Bharat Jain, Anchor, who completed his BCA from the college in the year 2012 and Mr. S Tarun Raj, Senior Cyber Security Analyst, Stefanini India Pvt. Ltd., in the year 2015. The Host for the event was Mr P Siddharth, from BCA IIIyr. Both alumni shared their college as well as work experiences and motivated the BCA I year students to improve their skills on par with the industry expectations.

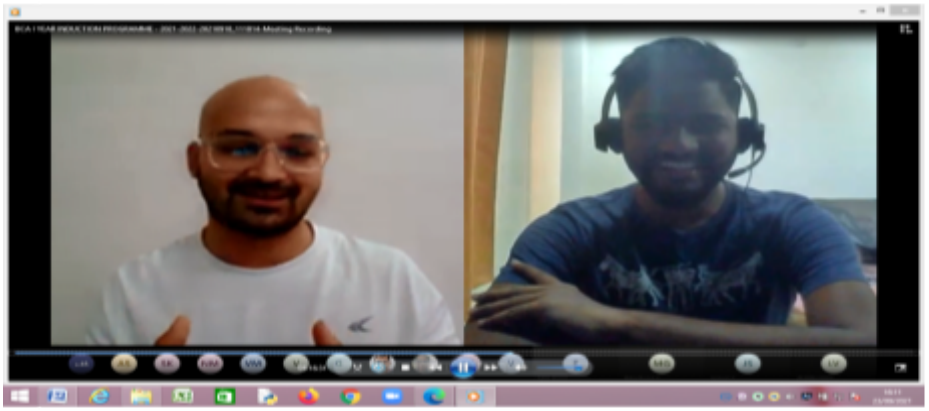
BCA I Semester faculty for the academic year 2021-22, Mr. K Srinivasa Rao, Lecturer, Dept. of Computer Science, Mrs. K Padma Priya, Lecturer, Dept. of Computer Science, Mrs. Lakshmi Vydehi, Lecturer, Dept. of Computer Science, Mrs. Krishnaveni, Lecturer, Dept. of Mathematics & Statistics, Mrs. S Usha Rani, Lecturer, Dept. of Languages, introduced themselves on this occasion.

Mrs. S. Jayalaxmi, FusionTech Club Incharge, gave an introduction note about FusionTech Club inception and activities and wished all the best for students. Ms. Rhesa, student of BCA III year has presented Fusiontech Club activities from the inception and motivated the BCA I year students to be a part of it and to carry the legacy of the club for further years.



BCA I YEAR INDUCTION PROGRAMME - 2021-2022-20210918_111814-Meeting Recording
BCA Course Coordinator
Academic Positions:
• BCA Course Coordinator

BCA I YEAR INDUCTION PROGRAMME - 2021-2022-20210918_111814-Meeting Recording
Department Activities
Charles Babbage Day, National Science Day, GTVM
Exploring and Encouraging out of box talent
FDP & Out Reach Program
Updating our Self (faculties) and Guiding Other College and School Faculties
Workshops, Guest Lecture, Webinars
Get together in pandemic
National Seminar and International Conference
ICACT- 2020
International Publications
National Level Exposure
Sharing Technical Knowledge
Students Project Presentations



The programme came to an end with the vote of thanks proposed by Mrs. S Jayalaxmi, Lecturer, Dept. of Computer Science.

INDUCTION PROGRAMME FOR BCA 1st YEAR 2021-22

BHAVAN'S VIVEKANANDA COLLEGE

Induction Programme BCA- 2021 on Creative art and culture

Department of Computer Science

Fusion Tech Club

Day 4 induction program for the I year under Creative Art and culture category was conducted on 20th September 2021.

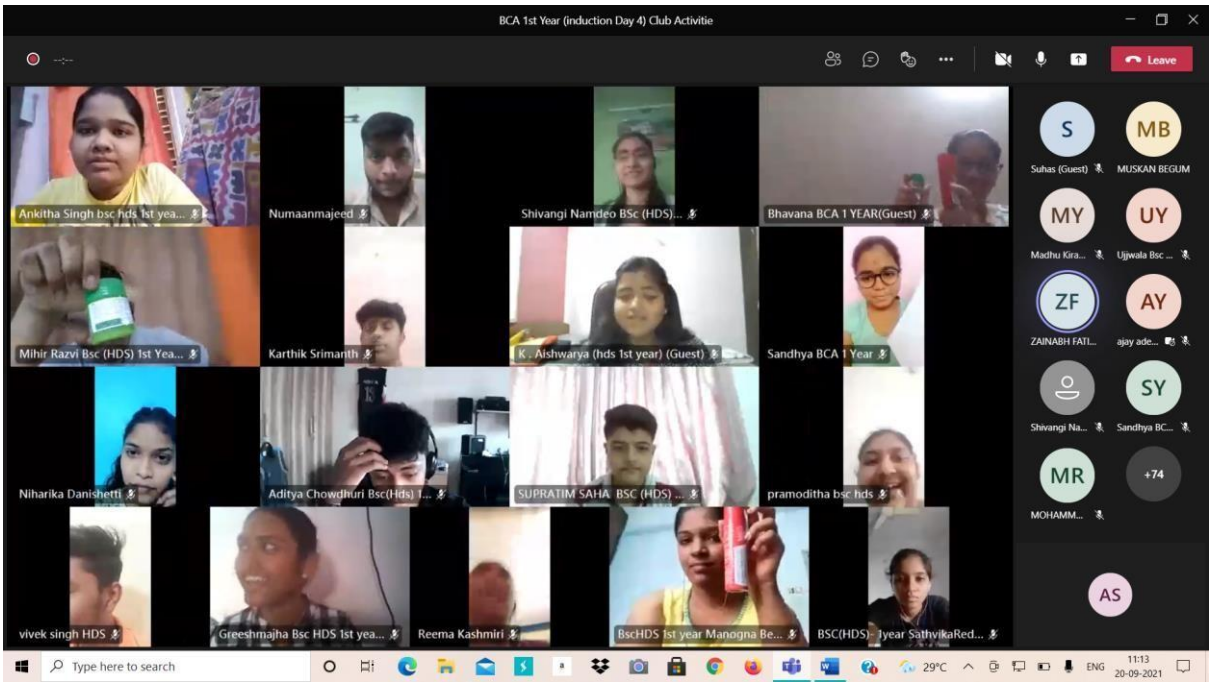
Online Induction Programme for the BCA and BSc(HDS) 1st year students was organised by the Fusion Tech club under the supervision of Event Incharge Ms. Jayalaxmi lecturer in Department of Computer Science. A total of 90 students participated in the programme on Microsoft Teams platform.

Event was divided into 3 modules with different activities as :

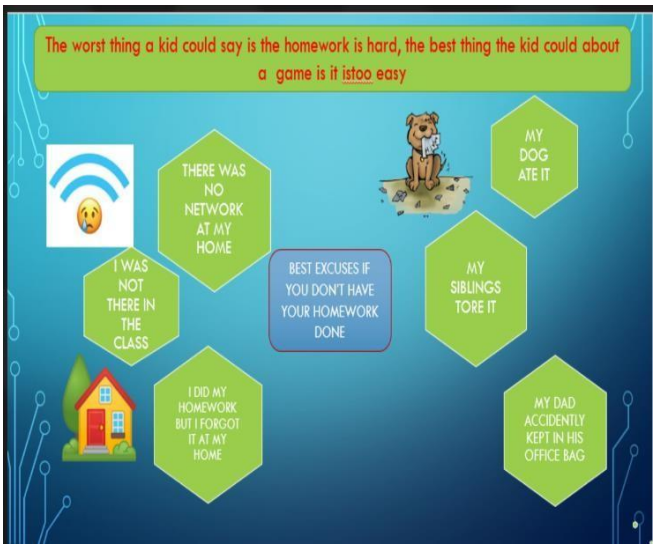
1. Filmy Dunia
2. Scavenger hunt
3. Grid IT

- The first activity Filmy Dunia was an activity where students had to guess the song or movie by seeing the picture/emoji presented.

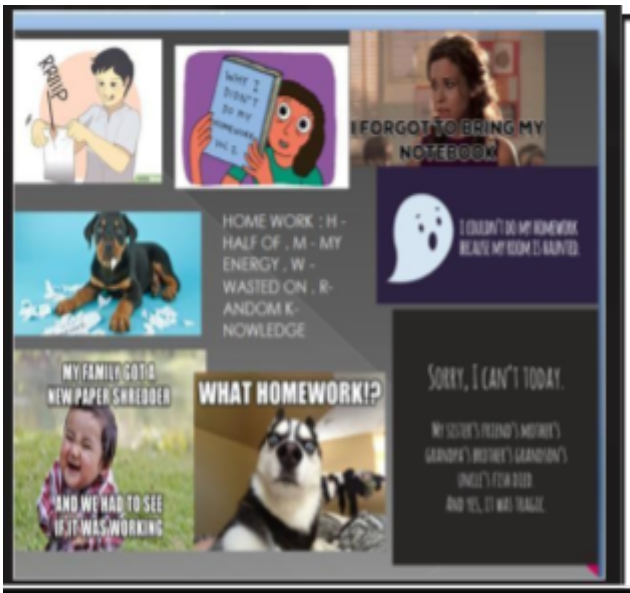
- The second activity was Scavenger Hunt, in this activity students were asked to switch on their video and they were asked to get few items asked by host and show with in a time limit and whoever got the item first were the appreciated.



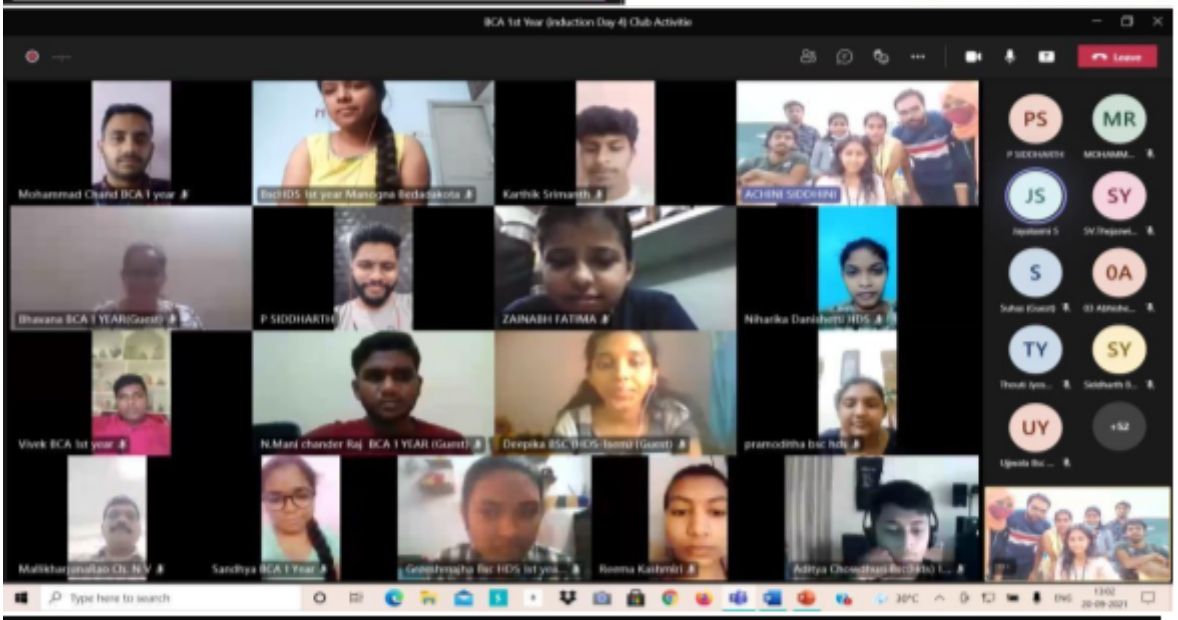
- The last activity was Grid-IT, in this activity they were given few topics from which the students had to select one topic and make a collage/poster relating the topic. Students were divided into rooms, there were 5 rooms. Each room had a fusion tech head for guiding and there were 5 posters in total.
- The winners were declared by polling.



- The event ended with taking the student feedback and reviews given by the students


I FORGOT TO BRING MY NOTEBOOK
HOME WORK : H - HALF OF , M - MY ENERGY , W - WASTED ON , R- ANDOM K- NOWLEDGE
I DIDN'T DO MY HOMEWORK BECAUSE MY ROOM IS HAUNTED.
MY FAMILY GOT A NEWPAPER SHREDDER
AND WE HAD TO SEE IF IT WAS WORKING
WHAT HOMEWORK!?
SORRY, I CAN'T TODAY.

"Don't use social media to impress people; use it to impact people."
DaveWillis.org


BCA 1st Year (Induction Day 4) Club Activitie
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BscHDS 1st year Manogna Bedadakota
Karthik Srimanth
ACHINI SIDDHINI
Bhavana BCA 1 YEAR(Guest)
P SIDDHARTH
ZAINABH FATIMA
Niharika Danishetti HDS
Vivek BCA 1st year
N.Mani chander Raj BCA 1 YEAR (Guest)
Deepika BSC (HDS-Tamil (Guest)
pramoditha bsc hds
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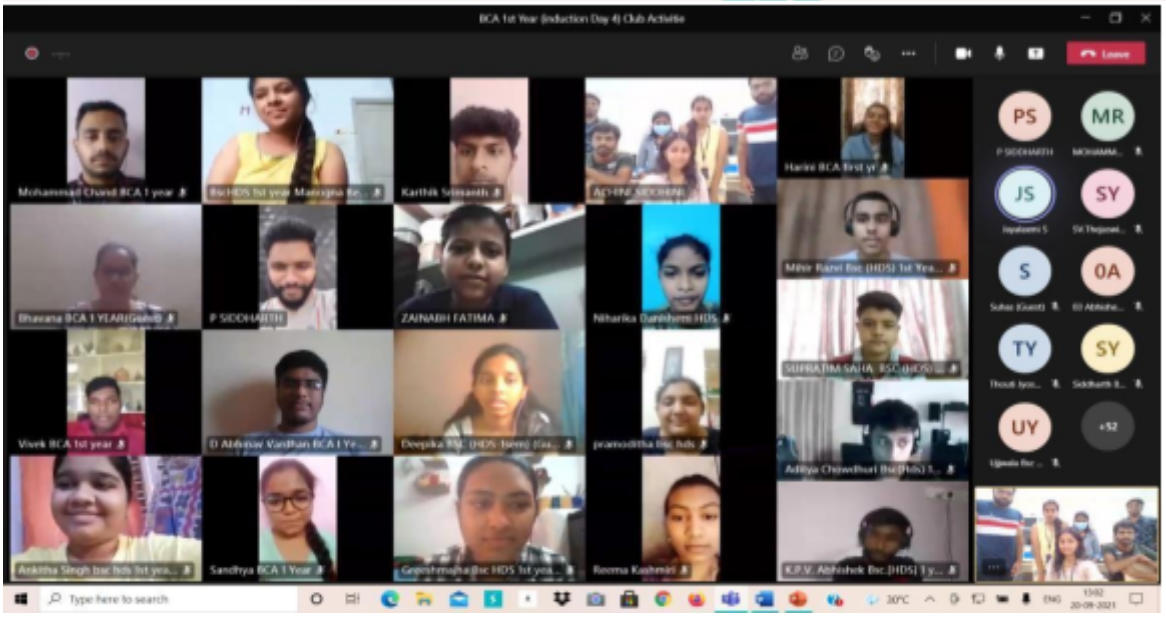
BCA 1st Year (Induction Day 4) Club Activitie
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Bhavana BCA 1 YEAR(Guest)
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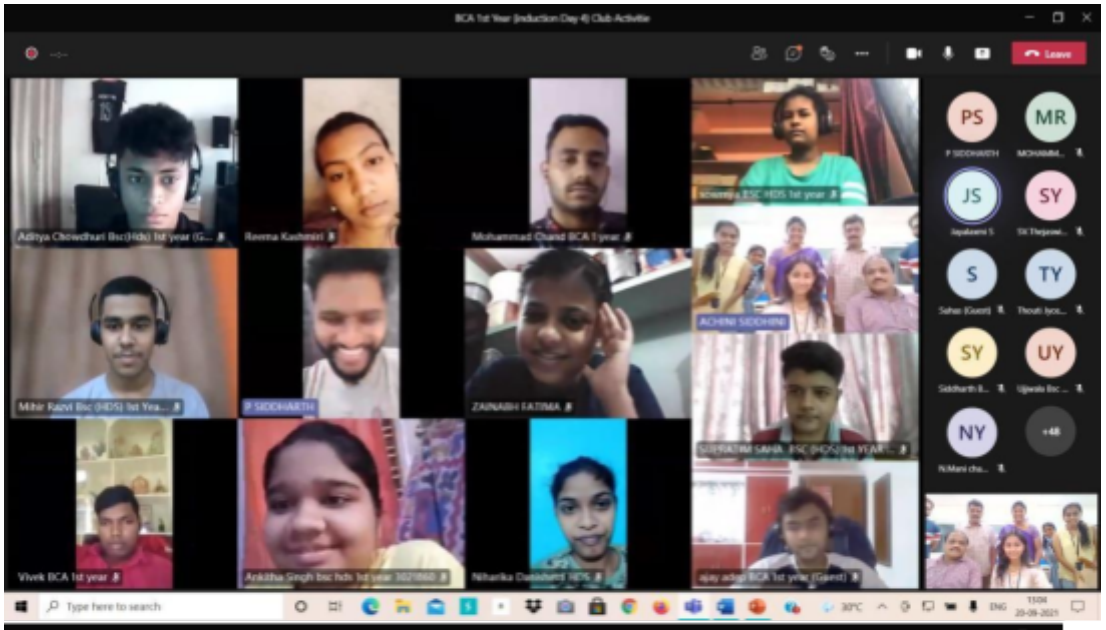
BCA 1st Year (Induction Day 4) Club Activities
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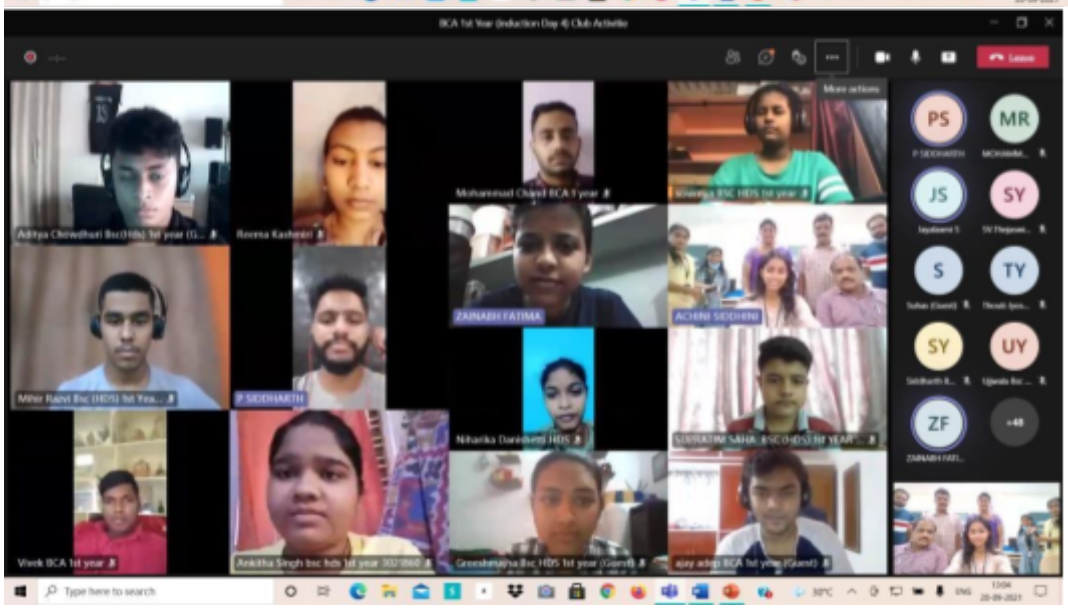
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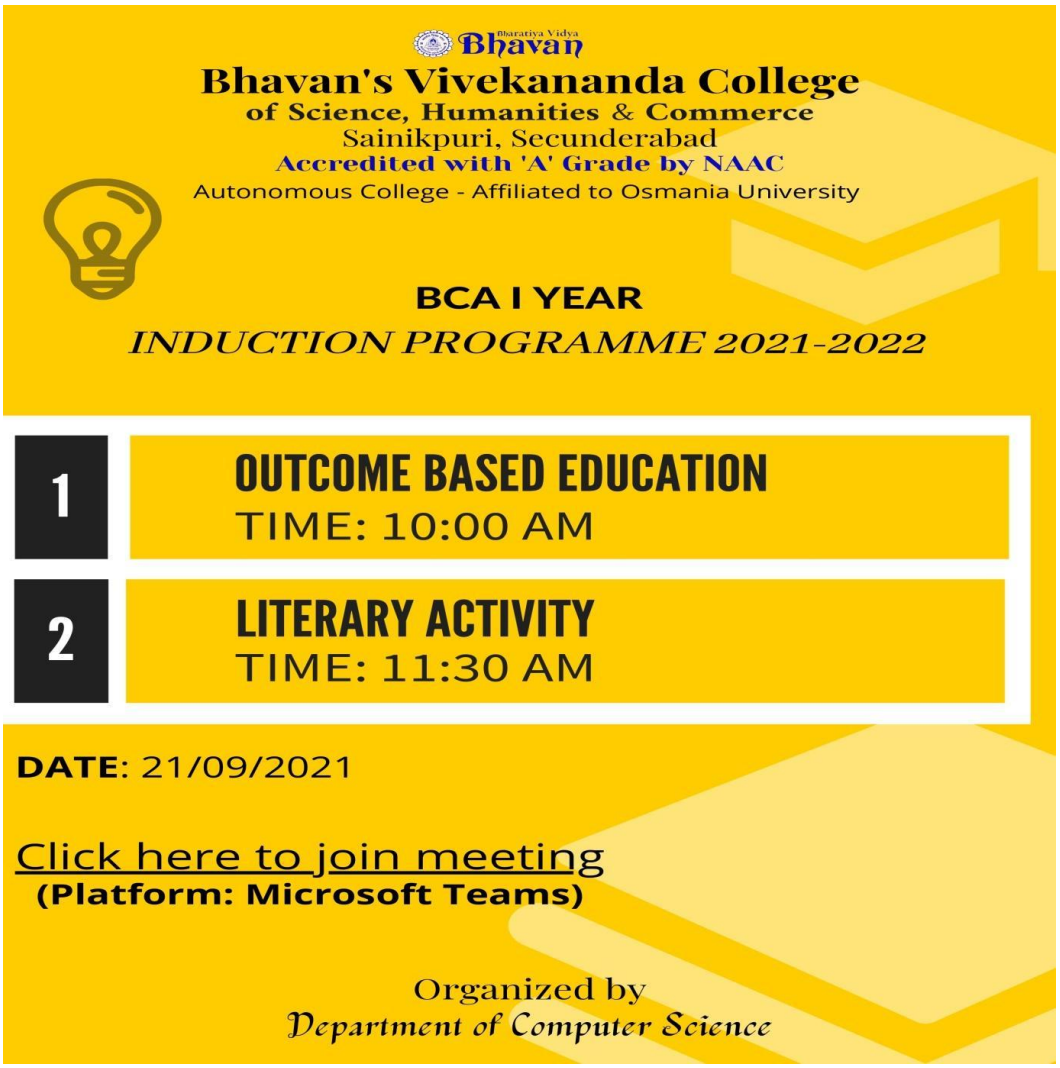
Outcome Based Education & Literary activities
conducted during
BCA I year 5- day Induction programme 2021-22:

As part of the 5-Day Induction prrogramme for the students of I year, a session on Outcome Based Education and Literary activities were scheduled on Day-5 of the Induction programme, i.e., on September 21, 2021.

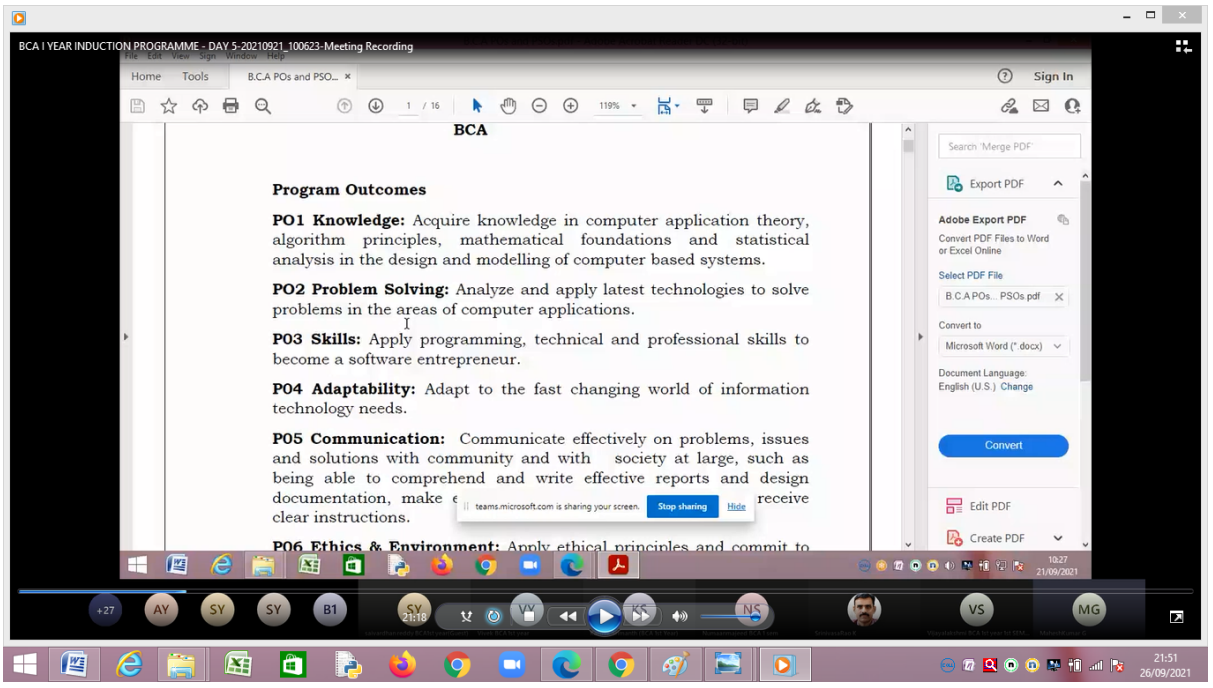


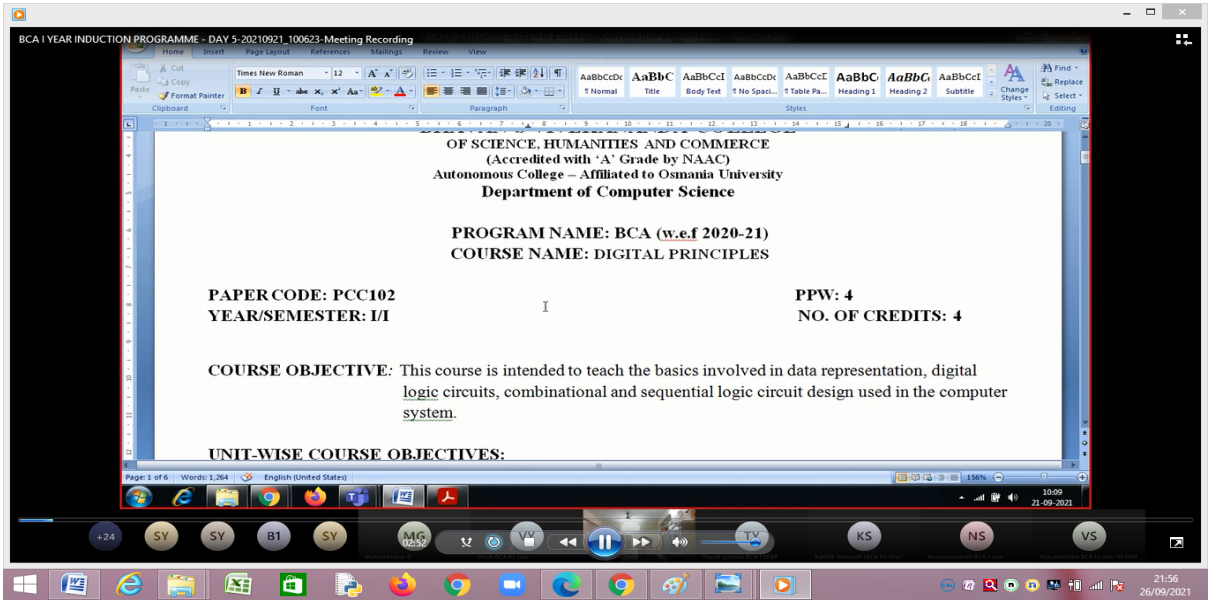
Induction programme - DAY 5

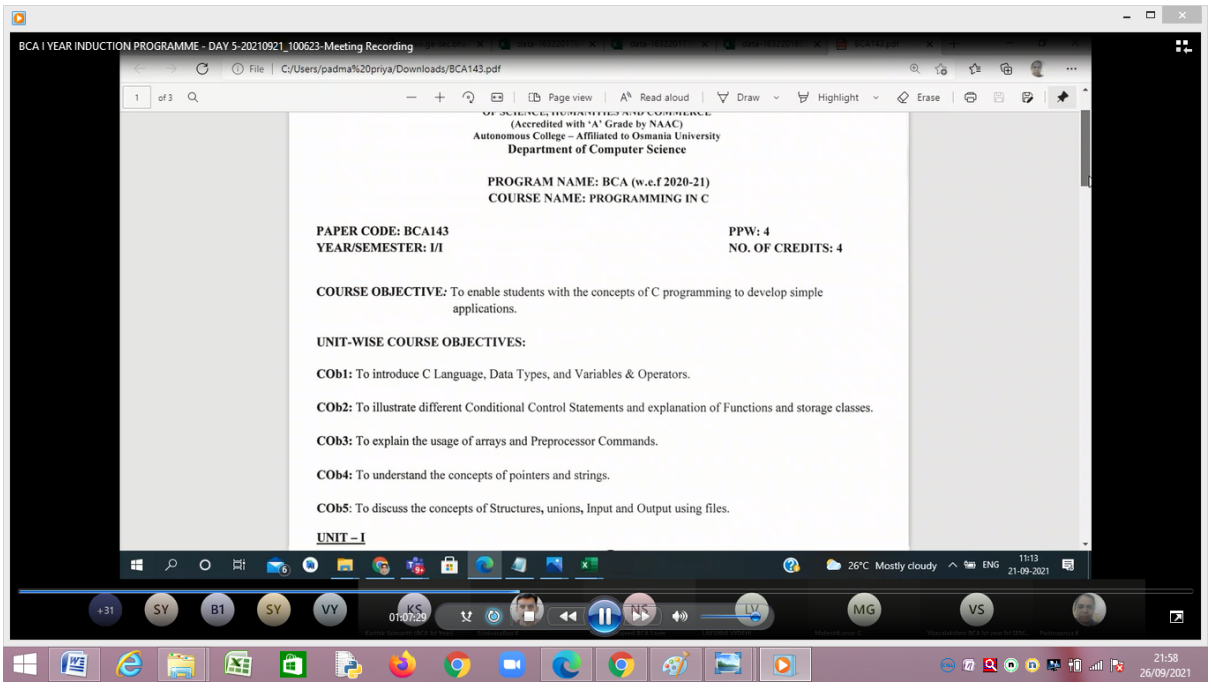
Outcome Based Education
Time: 10:00 a.m. – 11:30 a.m.

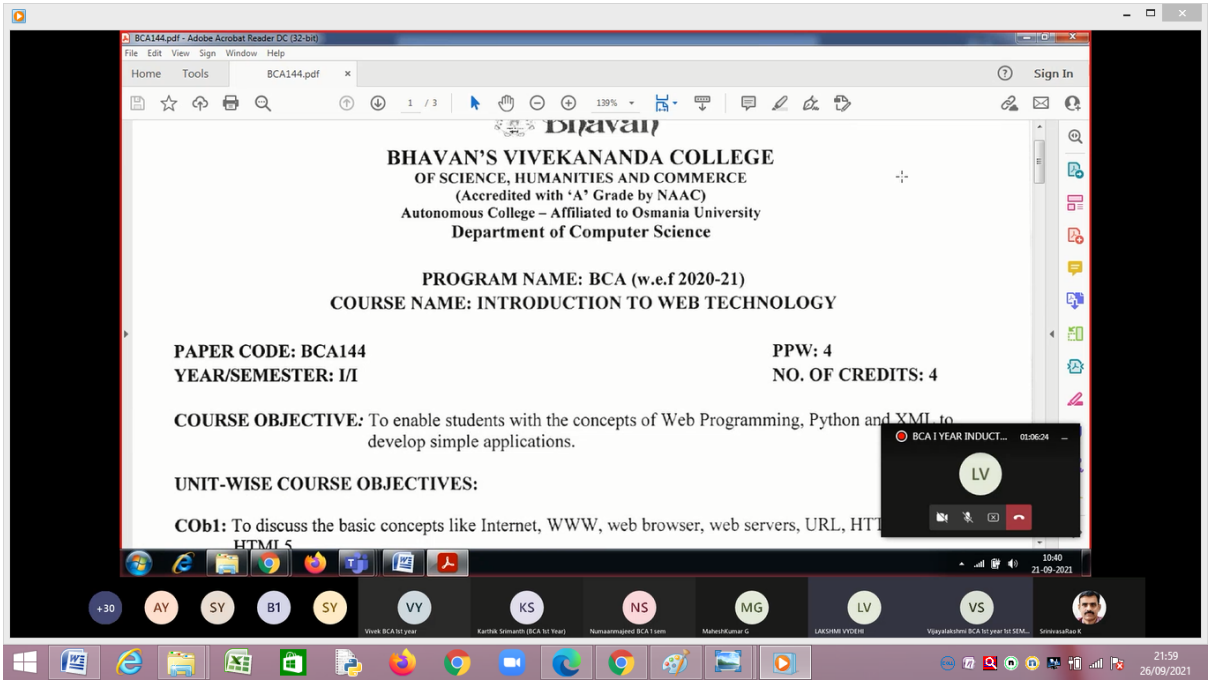
Mr. G Mahesh Kumar, Coordinator, BCA Programme, explained about the BCA Programme Outcomes and BCA Programme Specific Outcomes.

Mr.K Srinivasa Rao, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Digital Principles. Mrs. K Padma Priya, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Programming in 'C'. Mrs. Lakshmi Vydehi, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Introduction to Web Technology. Mrs. Krishnaveni, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Mathematical Foundations of Computer Science. Mrs. S Usha Rani, Lecturer in English, Department of Languages, explained Course Objectives and Outcomes of Effective Communication.




BCA I YEAR INDUCTION PROGRAMME - DAY 5-20210921_100623-Meeting Recording
OF SCIENCE, HUMANITIES AND COMMERCE
(Accredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University
Department of Computer Science
PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: DIGITAL PRINCIPLES
PAPER CODE: PCC102
YEAR/SEMESTER: I/I
PPW: 4
NO. OF CREDITS: 4
COURSE OBJECTIVE: This course is intended to teach the basics involved in data representation, digital logic circuits, combinational and sequential logic circuit design used in the computer system.
UNIT-WISE COURSE OBJECTIVES:


BCA I YEAR INDUCTION PROGRAMME - DAY 5-20210921_100623-Meeting Recording
C:/Users/padma%20priya/Downloads/BCA143.pdf
(Accredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University
Department of Computer Science
PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: PROGRAMMING IN C
PAPER CODE: BCA143
YEAR/SEMESTER: I/I
PPW: 4
NO. OF CREDITS: 4
COURSE OBJECTIVE: To enable students with the concepts of C programming to develop simple applications.
UNIT-WISE COURSE OBJECTIVES:
COb1: To introduce C Language, Data Types, and Variables & Operators.
COb2: To illustrate different Conditional Control Statements and explanation of Functions and storage classes.
COb3: To explain the usage of arrays and Preprocessor Commands.
COb4: To understand the concepts of pointers and strings.
COb5: To discuss the concepts of Structures, unions, Input and Output using files.
UNIT – I



BCA144.pdf - Adobe Acrobat Reader DC (32-bit)

BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES AND COMMERCE
(Accredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University
Department of Computer Science

PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: INTRODUCTION TO WEB TECHNOLOGY

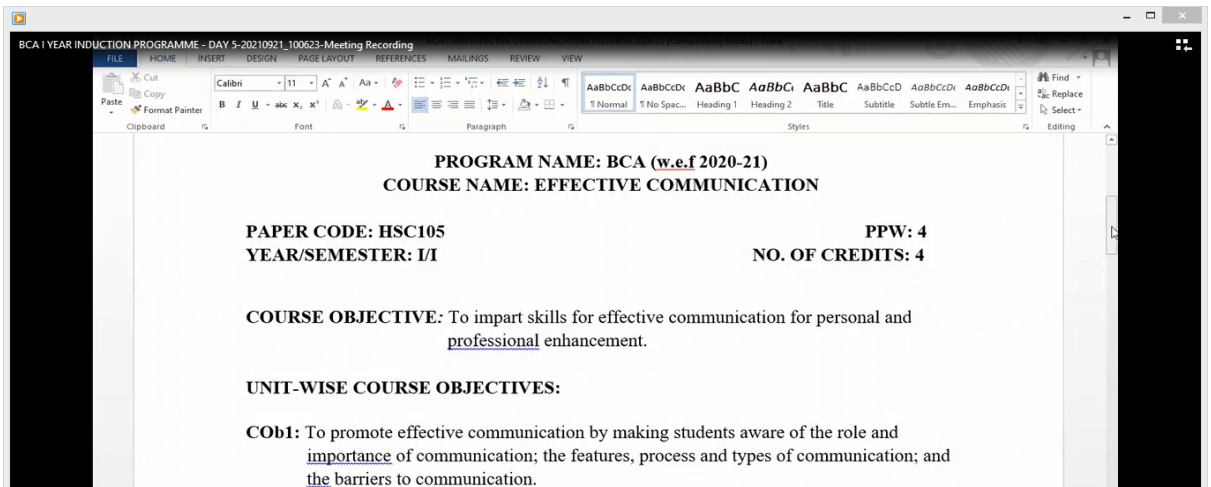
PAPER CODE: BCA144 **PPW: 4**
YEAR/SEMESTER: I/I **NO. OF CREDITS: 4**

COURSE OBJECTIVE: To enable students with the concepts of Web Programming, Python and XML to develop simple applications.

UNIT-WISE COURSE OBJECTIVES:

COb1: To discuss the basic concepts like Internet, WWW, web browser, web servers, URL, HTT
HTML 5

BCA I YEAR INDUCT... 01:06:24



BCA I YEAR INDUCTION PROGRAMME - DAY 5-20210921_100623-Meeting Recording

PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: EFFECTIVE COMMUNICATION

PAPER CODE: HSC105 **PPW: 4**
YEAR/SEMESTER: I/I **NO. OF CREDITS: 4**

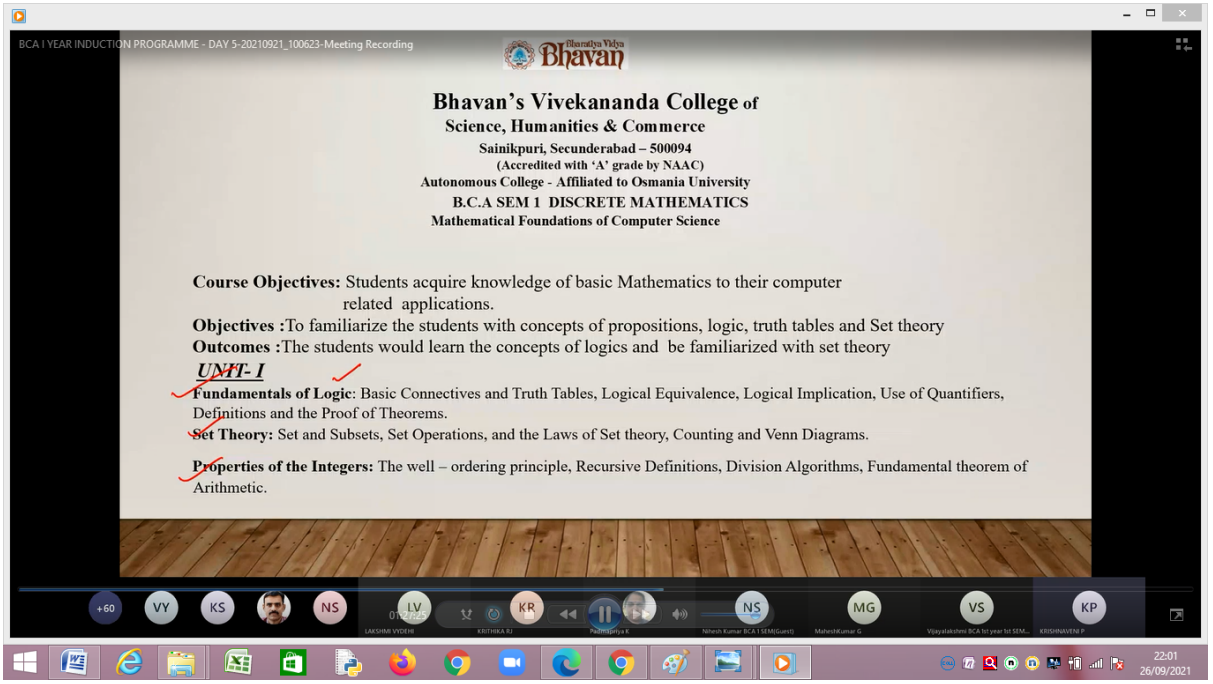
COURSE OBJECTIVE: To impart skills for effective communication for personal and professional enhancement.

UNIT-WISE COURSE OBJECTIVES:

COb1: To promote effective communication by making students aware of the role and importance of communication; the features, process and types of communication; and the barriers to communication.

COb2: To develop awareness of personality and interpersonal communication.

PAGE 1 OF 2 412 WORDS ENGLISH (UNITED STATES) 156%



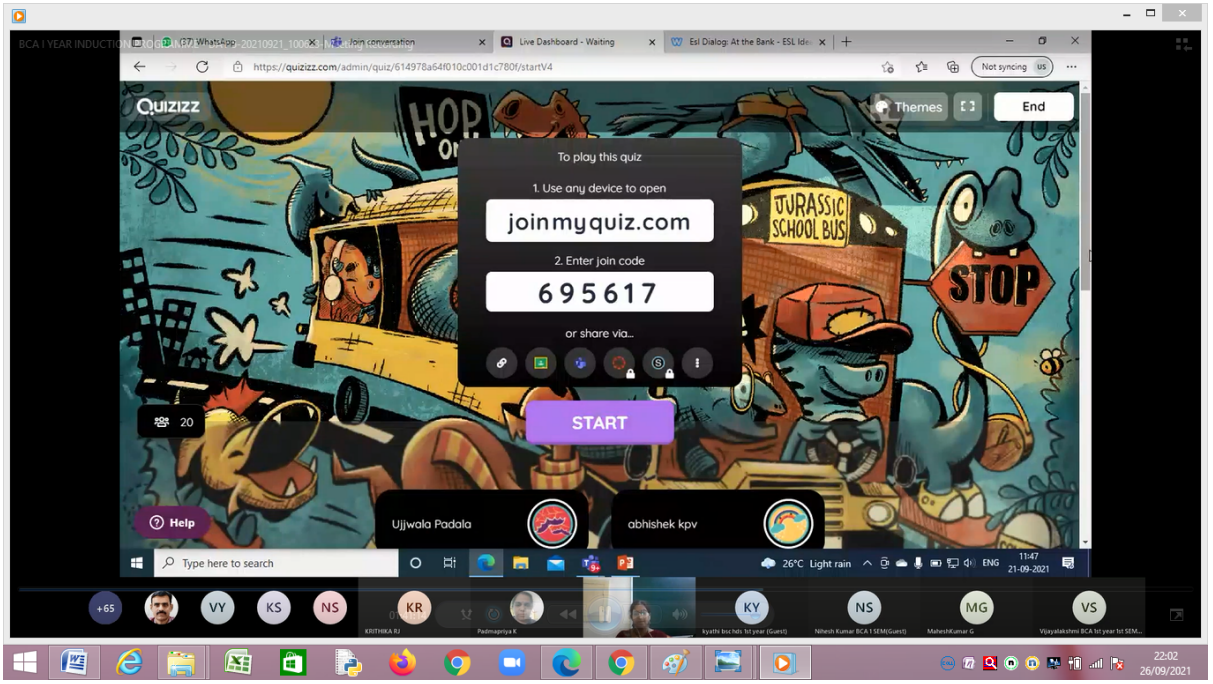
Literary activities
Time : 11:30 a.m. – 12:30 a.m.
Organiser : S. Usha Rani, Lecturer in English, Department of Languages

Time: 11:30 a.m. – 11:35 a.m.
Introduction

The introduction focused on discussing the significance of English language and establishing relevance. Information was provided to the students regarding the opportunities the college offers in the form of Literary Club, Vibha – the college magazine and Languages Day to promote their creativity and flair for the languages.

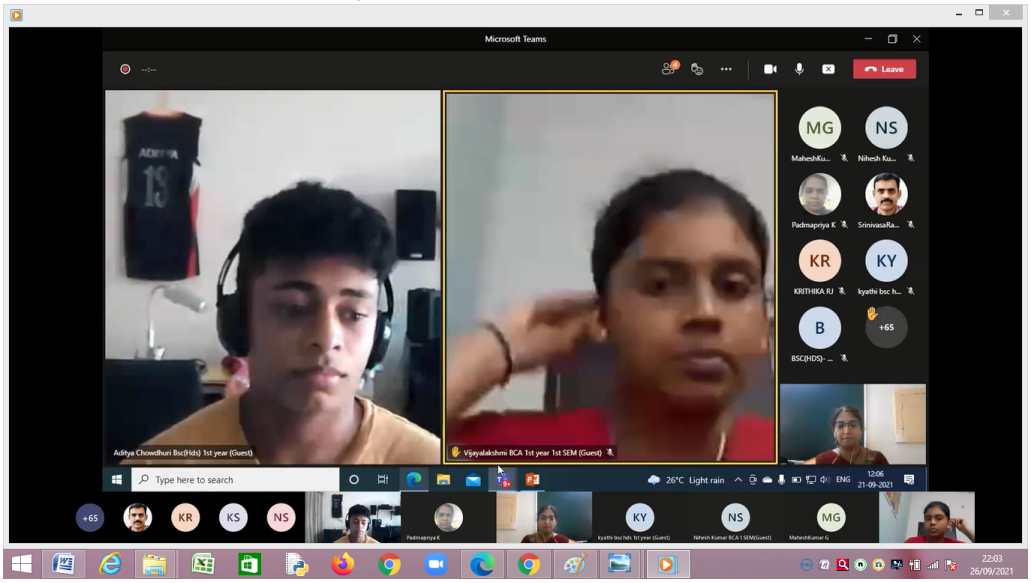
Time : 11:35 a.m. -11:55 a.m.
Activity 1 : Vocabulary quiz

The first activity was a vocabulary quiz conducted using 'Quizziz', an education-based platform. It was chosen to ensure maximum participation and also to serve as an ice-breaking activity. Students actively participated in the self-paced quiz. While enjoying the gamified quiz, they could also test their word power.



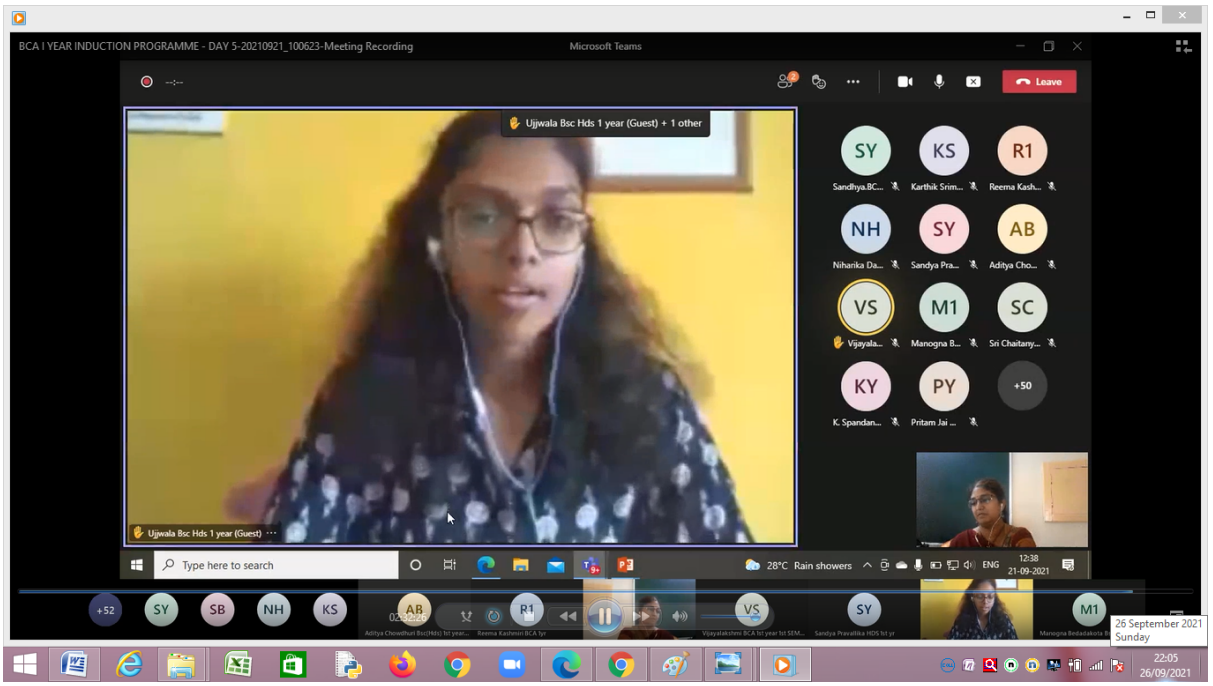
Time : 11:55 a.m. – 12:15 p.m.
Activity 2 : Role Play

Scripts for some conversations were shared on the screen and students were asked to volunteer to enact the roles in the scripts. Students enthusiastically paired up with their peers and enacted the roles, trying their best to use the right pronunciation and intonation. The idea was to encourage them to practice the correct usage of language though various situational dialogues, and to motivate them for further learning.



Time : 12:15 a.m. – 12:30 p.m.
Activity 3 : Just a Minute (JAM)

Students were challenged to speak for a minute on common topics, without deviation, repetition and hesitation. The challenge was accepted and sincere efforts were made to continue speaking relevantly for 60 seconds. The activity was to build confidence, promote interest towards learning English, demonstrate the importance of spontaneity and prepare them for impromptu speeches.



Skill Enhancement Course

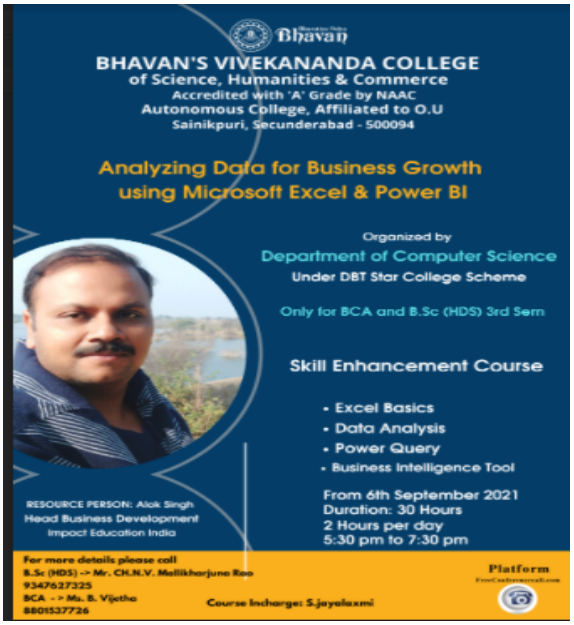
Analyzing Data for Business Growth using Advanced Excel and Power Bi

Under DBT Star College Scheme

The Department of Computer Science has organized Skill Enhancement Course on the topic "**Analyzing Data for Business Growth using Advanced Excel and Power Bi**" under DBT Star College Scheme for BCA II, BCA III, B.SC(HDS) II, B.Sc(Computer Science) III year Students and Faculty of our college, scheduled from 6th September, 2021 to 25th September, 2021(30 hrs).

The resource person was Mr. Alok Singh, Head, Business Development, Impact Education of India. The SEC was conducted through online platform i.e., FCC(Free Conference Call) everyday from 5:30PM under the guidance of Mrs. KVB. Saraswathi Devi (Head, Department of Computer Science) and Course Incharge Mrs. S.Jayalaxmi(Lecturer, Department of Computer Science) for 15days.

A total of 126 students and faculty registered, for the course out of which 100 students, 4 faculty have participated during the course from different locations using online mode.



The session has started with the importance of "**Analyzing Data for Business Growth using Advanced Excel and Power Bi"**. The topics which were covered under Advanced Excel for the first six days i.e., from 6th September, 2021 to 15th September, 2021 were: (6,7,8,13,14,15 September)

- Introduction to Data Driven Decision Making
- Fundamental of Excel

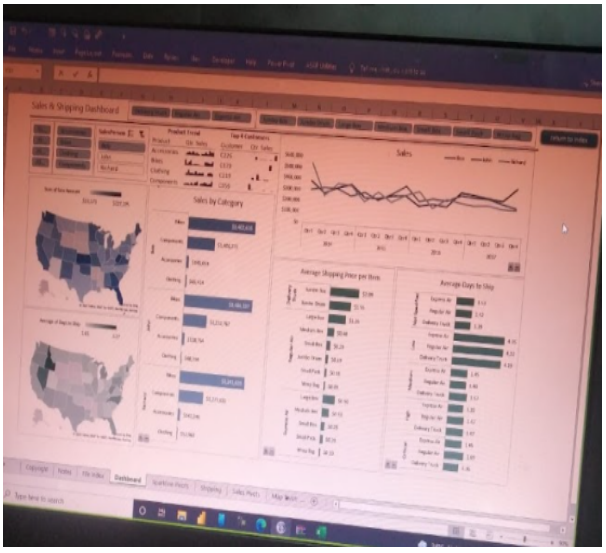
- Mathematical Functions
- Financial Functions- PMT,PPMT,IPMT,PV,FV
- Financial Functions- EMI calculator, Sensitivity Analysis
- Data Validation , Consolidate
- Logical Functions- if, and, or, not, lookup, vlookup, hlookup
- Logical Functions- sumif, sumifs, countif, countifs, identification of GAP & Duplicate
- What-if-Analysis - Goal Seek, Scenario Management, Data Table
- Statistical Functions- Descriptive Statistics, Histogram, Moving Average, Rank & Percentile
- Dashboard Creation with Pivot Table, Pivot Charts

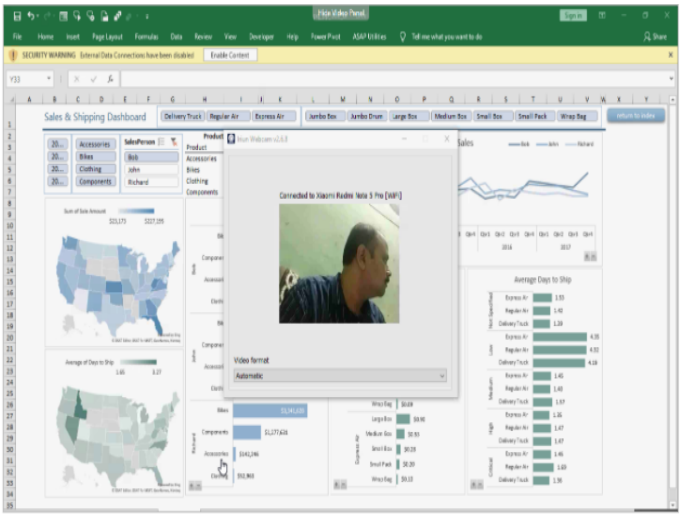
Power Bi course was started from 16th September, 2021 to 22nd September, 2021. The topics which were covered during those five days were: (16,17,20,21,22 September)

- Power Excel Tool- Power Pivot,Power Query,Power Map
- Into to Business Intelligence Tool- Mircosoft Power BI
- Data Visualisation & Analysis- using Power BI

Data Visualization Dashboard and Tableau were taught from 23rd September, 2021 to 25th September, 2021. The topics covered for these three days were:(23,24,25 September)

- Data Visualisation - using Tableau
- Data Analysis- using Tableau





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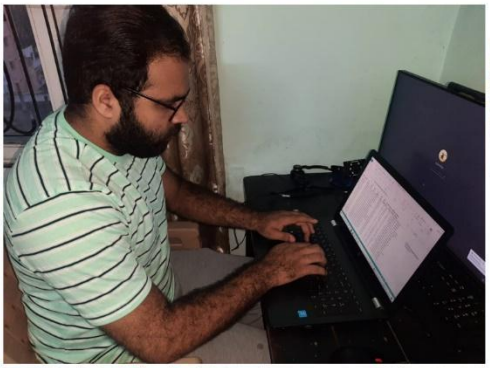

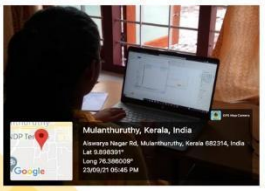
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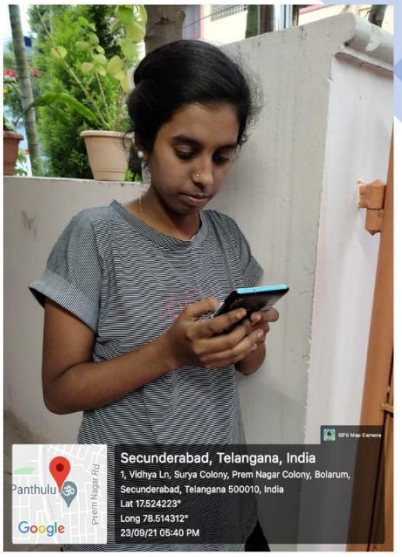
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Secunderabad, Telangana, India
37, Laxmi Narsimha Colony, Maithri Vanam, Old Bowenpally, Secunderabad, Telangana 500015, India
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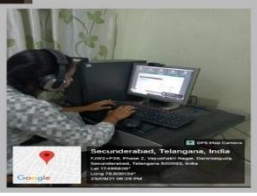
Secunderabad, Telangana, India

Secunderabad, Telangana, India
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Hyderabad, TG, India
Road Number 6, Qutubullapur, Hyderabad, 500054, TG, India
Lat 17.498607°, Long 78.464789°
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Secunderabad, Telangana, India
14- 92, Seetha Balaiah Yadav, Sri Saipuri Colony, Shri Laxmi Enclave, New Mirjalguda, Malkajgiri, Secunderabad, Telangana 500047, India
Lat 17.445663°
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Lat 17.421573°
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Secunderabad, Telangana, India
14- 92, Seetha Balaiah Yadav, Sri Saipuri Colony, Shri Laxmi Enclave, New Mirjalguda, Malkajgiri, Secunderabad, Telangana 500047, India
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Secunderabad, Telangana, India
30-294/2A, Ganesh Nagar, Moula Ali, Secunderabad, Telangana 500056, India
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3-145/12B, Hakimpet village colony, Hakimpet, Hyderabad, Telangana 500014, India
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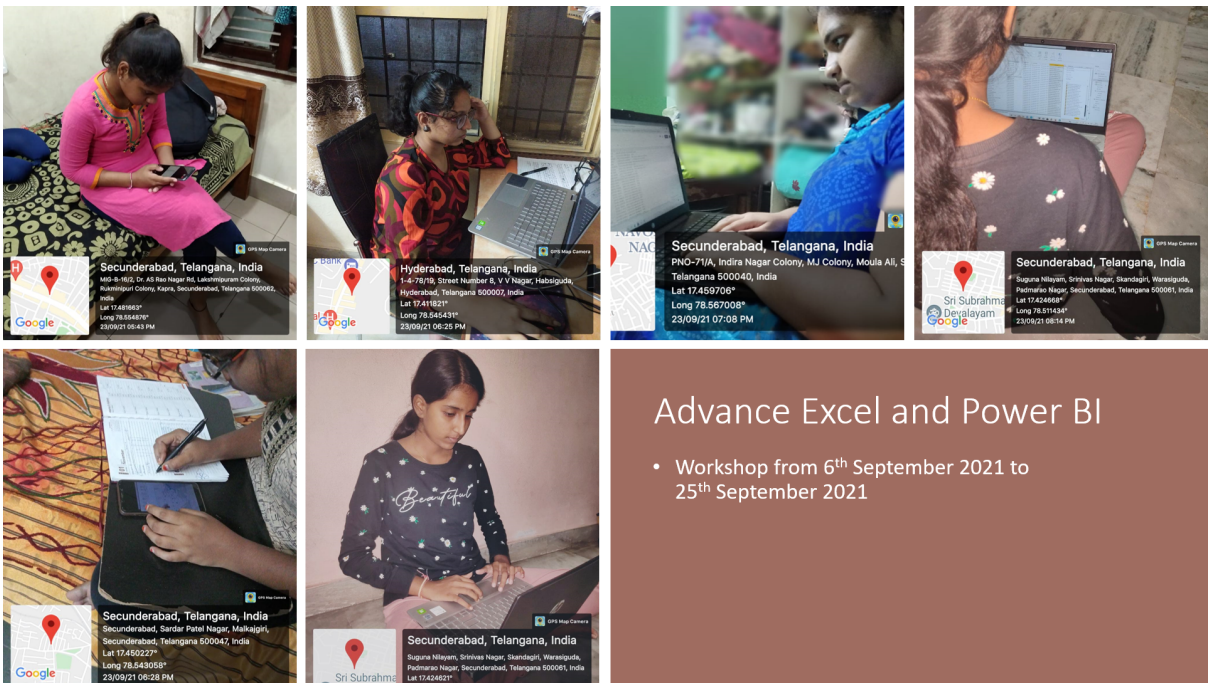

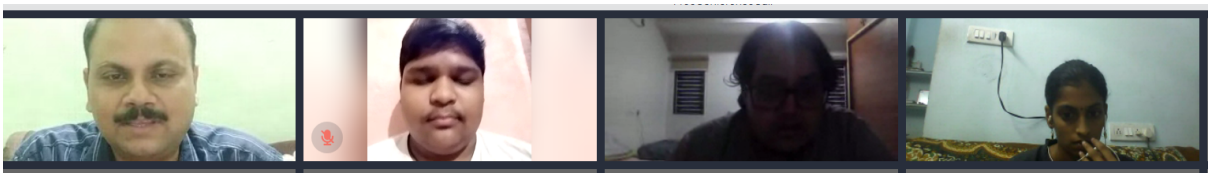

The participants were very interactive during the session and all the queries were clarified during the course by Mr. Alok Singh (Resource person). Certificates were issued to all the participants after the completion of the course on "Analyzing Data for Business Growth using Advanced Excel and Power Bi".

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

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.

Microsoft Teams
Participants
Invite someone or dial a number
Share invite
Presenters (8)
RamaKrishna D
31_Bhavagna
Outside your organization
474050_Potlapally Padmasree
Guest
67 Harshitha Bude
Outside your organization
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
Pravallika (Guest)
Guest
Sourav Yadav
Outside your organization
MallikharjunaRao Ch. N V
Sourav Yadav
Dilip Patro (Guest)
Padmapriya K
Pravallika (Guest)
Shiva Dey
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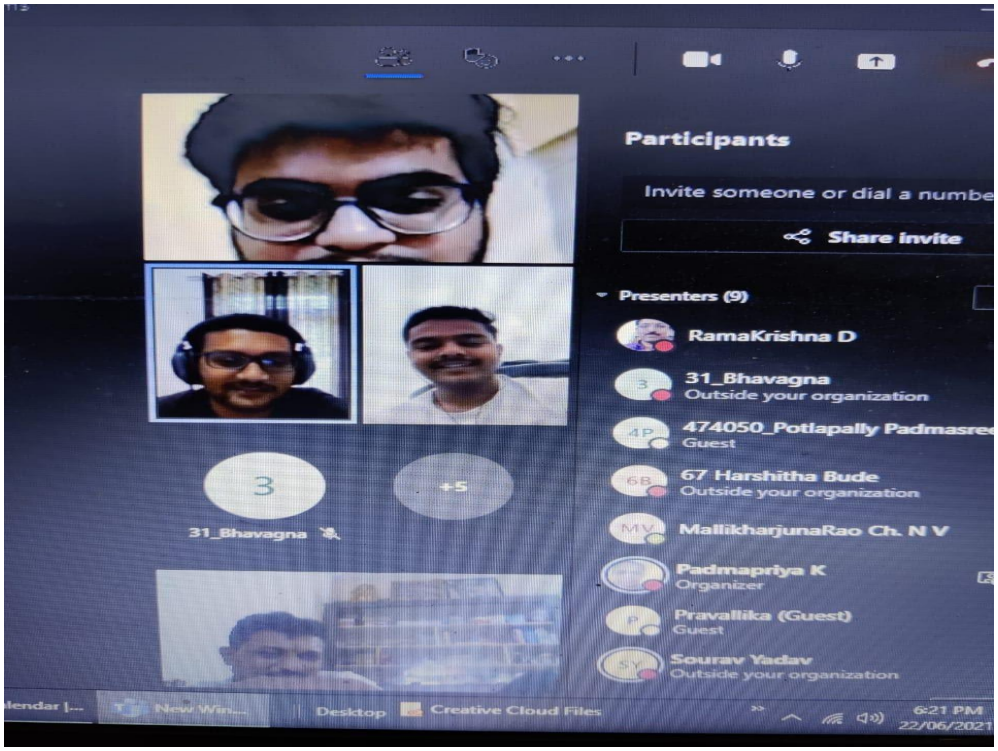
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Presenters (9)
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Outside your organization
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67 Harshitha Bude
Outside your organization
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
Pravallika (Guest)
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Sourav Yadav
Outside your organization
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Desktop
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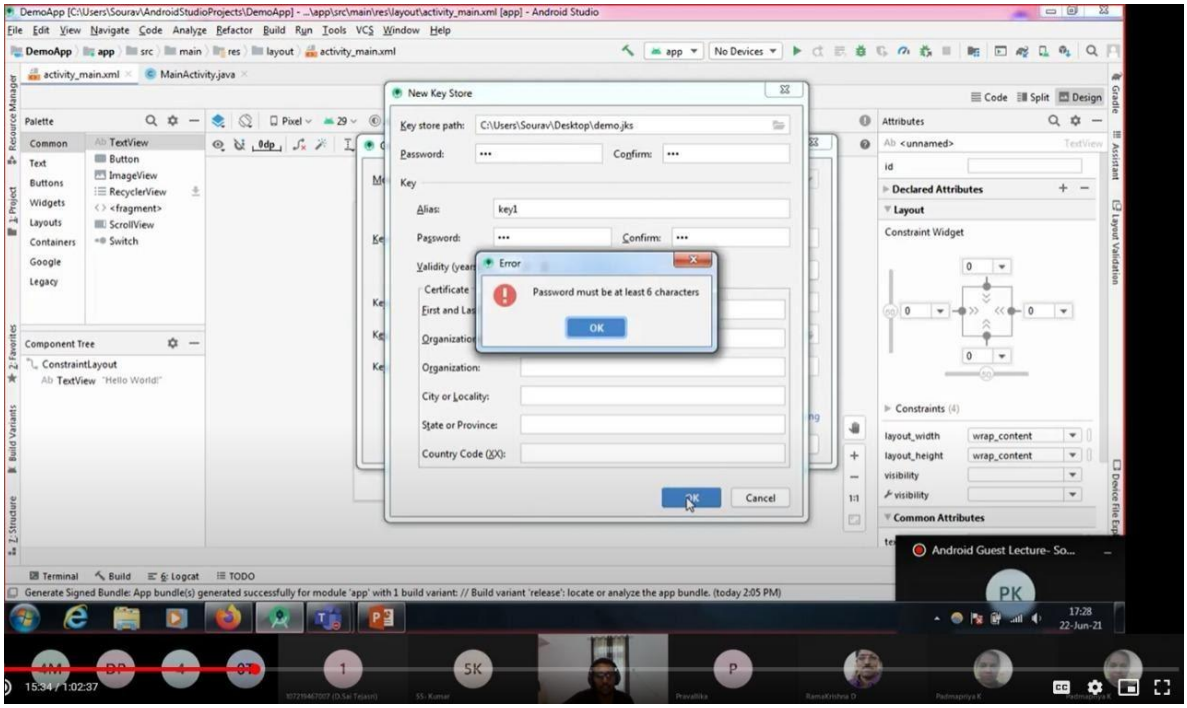
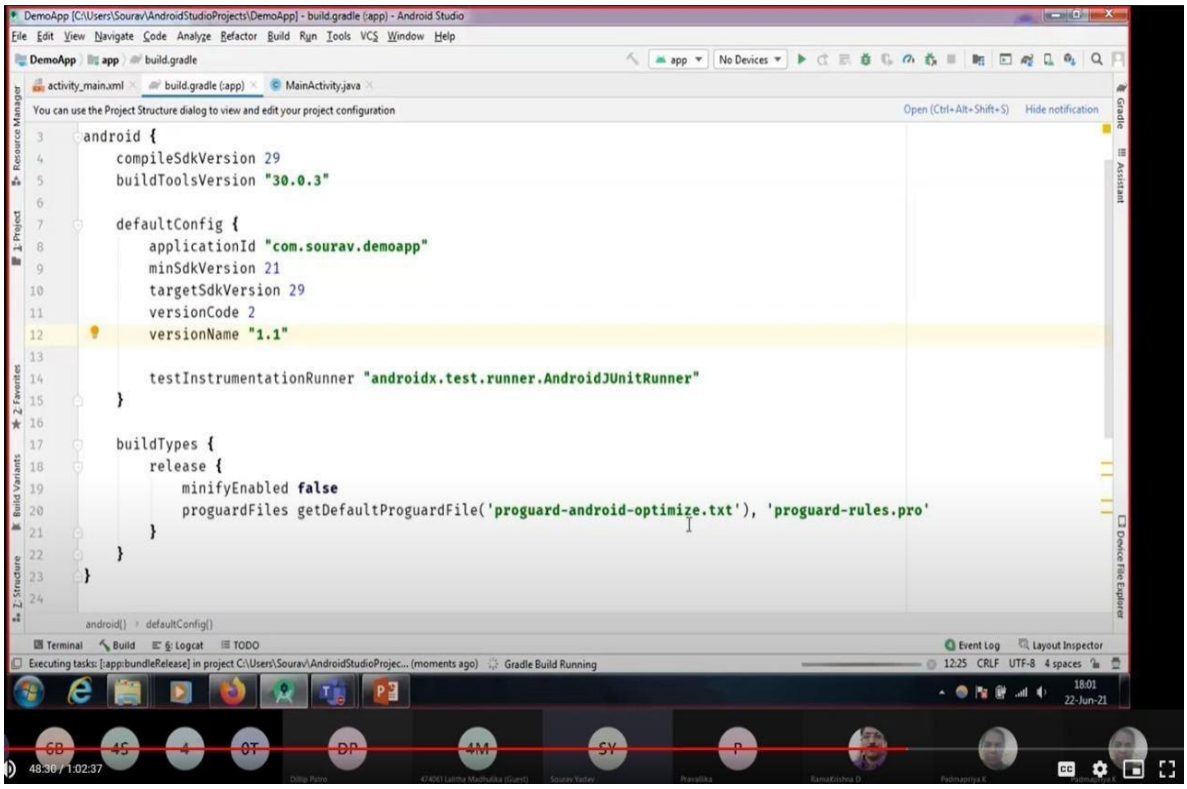
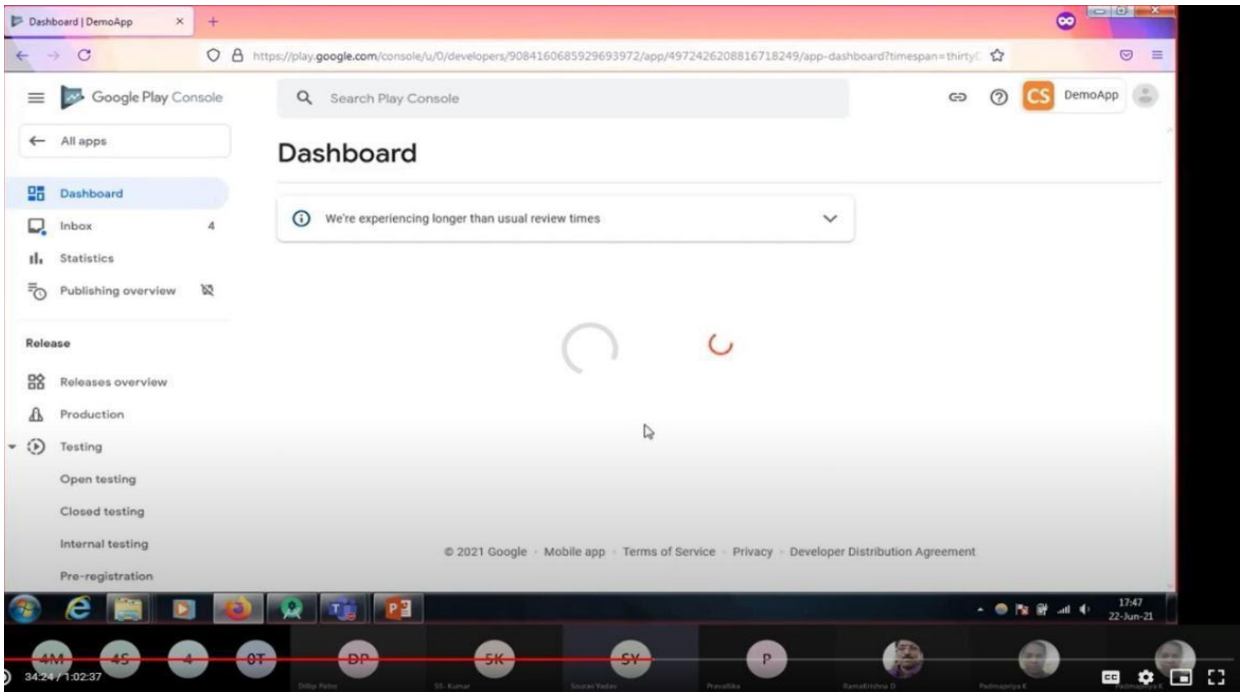
6:21 PM
22/06/2021


DemoApp [C:\Users\Sourav\AndroidStudioProjects\DemoApp] - ...\app\src\main\res\layout\activity_main.xml [app] - Android Studio
New Key Store
Key store path: C:\Users\Sourav\Desktop\demo.jks
Password:
Confirm:
Key
Alias: key1
Password:
Confirm:
Validity (years):
Certificate
First and Last Name:
Organizational Unit:
Organization:
City or Locality:
State or Province:
Country Code (XX):
OK
Cancel
Error
Password must be at least 6 characters
OK
Android Guest Lecture- So...
Generate Signed Bundle: App bundle(s) generated successfully for module 'app' with 1 build variant: // Build variant 'release': locate or analyze the app bundle. (today 2:05 PM)
15:34 / 1:02:37


DemoApp [C:\Users\Sourav\AndroidStudioProjects\DemoApp] - build.gradle (:app) - Android Studio
You can use the Project Structure dialog to view and edit your project configuration
Open (Ctrl+Alt+Shift+S)
Hide notification
android {
compileSdkVersion 29
buildToolsVersion "30.0.3"
defaultConfig {
applicationId "com.sourav.demoapp"
minSdkVersion 21
targetSdkVersion 29
versionCode 2
versionName "1.1"
testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
}
buildTypes {
release {
minifyEnabled false
proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
}
}
}
Executing tasks: [:app:bundleRelease] in project C:\Users\Sourav\AndroidStudioProjec... (moments ago)
Gradle Build Running
48:30 / 1:02:37


Dashboard | DemoApp
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Google Play Console
Search Play Console
DemoApp
All apps
Dashboard
Inbox 4
Statistics
Publishing overview
Release
Releases overview
Production
Testing
Open testing
Closed testing
Internal testing
Pre-registration
Dashboard
We're experiencing longer than usual review times
© 2021 Google · Mobile app · Terms of Service · Privacy · Developer Distribution Agreement
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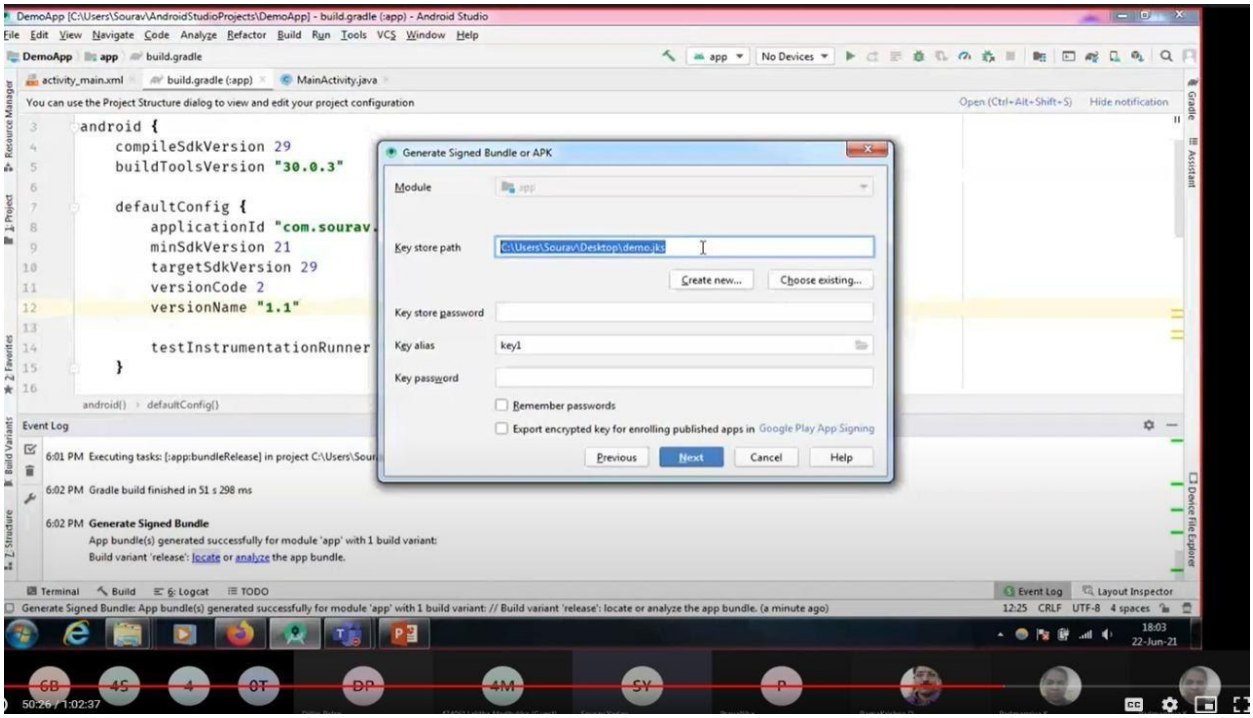
22-Jun-21
34:24 / 1:02:37


DemoApp [C:\Users\Sourav\AndroidStudioProjects\DemoApp] - build.gradle (:app) - Android Studio
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
activity_main.xml
build.gradle (:app)
MainActivity.java
You can use the Project Structure dialog to view and edit your project configuration
Open (Ctrl+Alt+Shift+S)
Hide notification
android {
compileSdkVersion 29
buildToolsVersion "30.0.3"
defaultConfig {
applicationId "com.sourav.
minSdkVersion 21
targetSdkVersion 29
versionCode 2
versionName "1.1"
testInstrumentationRunner
}
Generate Signed Bundle or APK
Module
Key store path
C:\Users\Sourav\Desktop\demo.jks
Create new...
Choose existing...
Key store password
Key alias
key1
Key password
Remember passwords
Export encrypted key for enrolling published apps in Google Play App Signing
Previous
Next
Cancel
Help
Event Log
6:01 PM Executing tasks: [:app:bundleRelease] in project C:\Users\Sour
6:02 PM Gradle build finished in 51 s 298 ms
6:02 PM Generate Signed Bundle
App bundle(s) generated successfully for module 'app' with 1 build variant:
Build variant 'release': locate or analyze the app bundle.
Terminal
Build
Logcat
TODO
Event Log
Layout Inspector
Generate Signed Bundle: App bundle(s) generated successfully for module 'app' with 1 build variant: // Build variant 'release': locate or analyze the app bundle. (a minute ago)
12:25 CRLF UTF-8 4 spaces
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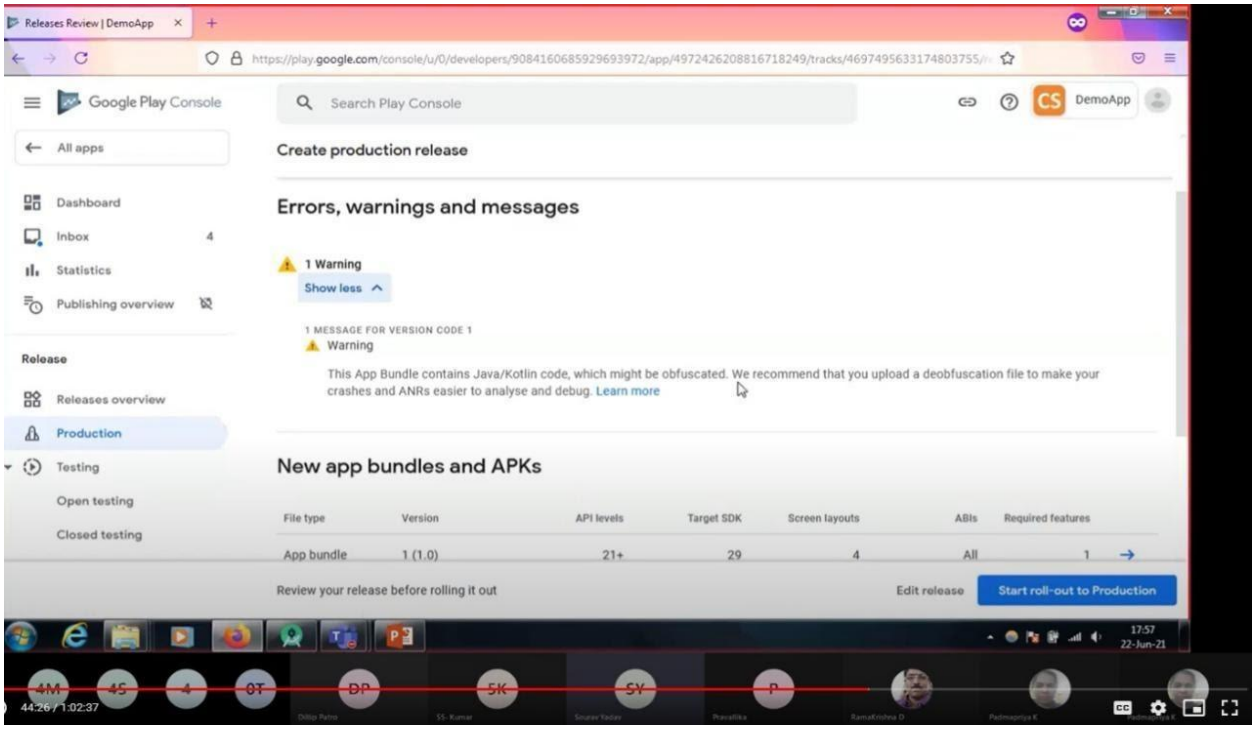

Releases Review | DemoApp
https://play.google.com/console/u/0/developers/9084160685929693972/app/4972426208816718249/tracks/4697495633174803755/
Google Play Console
Search Play Console
DemoApp
All apps
Create production release
Dashboard
Inbox 4
Statistics
Publishing overview
Release
Releases overview
Production
Testing
Open testing
Closed testing
Errors, warnings and messages
1 Warning
Show less
1 MESSAGE FOR VERSION CODE 1
Warning
This App Bundle contains Java/Kotlin code, which might be obfuscated. We recommend that you upload a deobfuscation file to make your crashes and ANRs easier to analyse and debug. Learn more
New app bundles and APKs
File type
Version
API levels
Target SDK
Screen layouts
ABIs
Required features
App bundle
1 (1.0)
21+
29
4
All
1
Review your release before rolling it out
Edit release
Start roll-out to Production
17:57
22-Jun-21
44:26 / 1:02:37

Report

Arduino with Real Time Examples

There was a Guest Lecture on 8th June and 9th 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(8th June 2021)

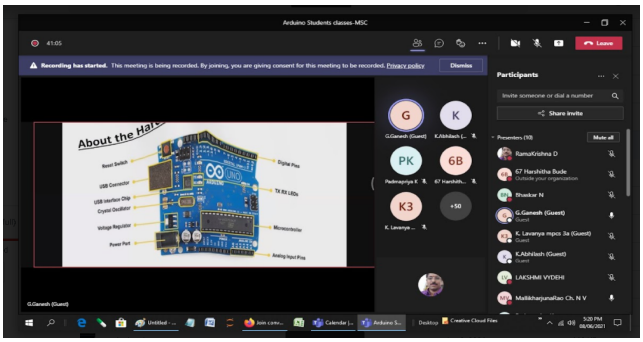
What is Arduino? History of Arduino, what can the Arduino do? Advantages, About Arduino hardware, about sensors, about shields, About Arduino software, Installation and program uploading steps, Different types of Arduino boards? which one is to be used? Simple example

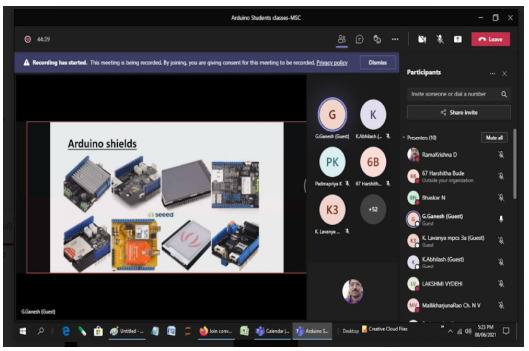
2nd day(9th June 2021)

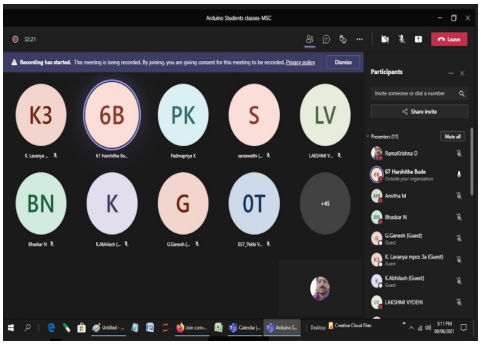
Connection of Bluetooth, sensor HC05 with Arduino and mobile| Voice commands,

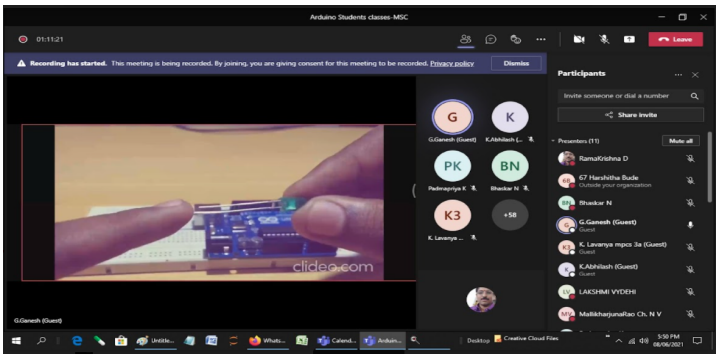
Home security by using gsm module, Car locking system using alcohol detector in Arduino

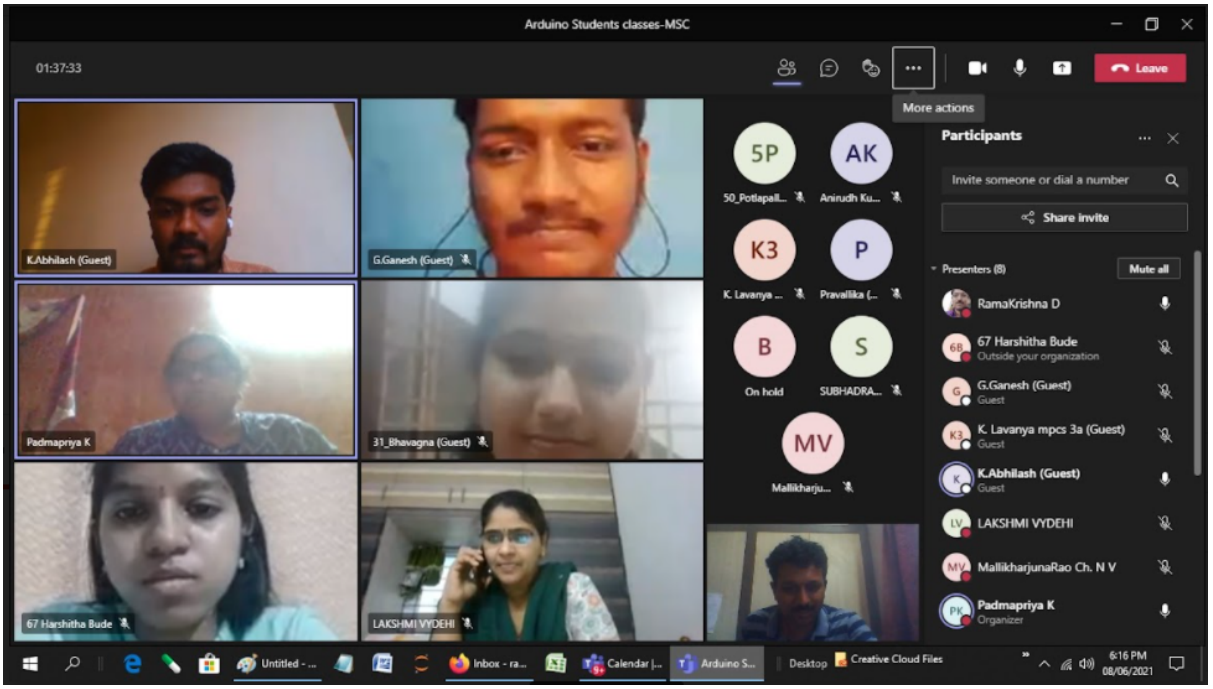
Meeting Summary					
Total Number of F	129				
Meeting Title	Arduino Students classes-MSC				
Meeting Start Tir	6/8/2021, 4:44:08 PM				
Meeting End Tim	6/8/2021, 6:22:23 PM				
Full Name	Join Time	Leave Time	Duration	Email	Role
Padmapriya K	6/8/2021, 4:44:08	6/8/2021, 6:22:23	1h 38m	Padmapriya1304	Organizer
K.Abhilash (Gue	6/8/2021, 4:44:24	6/8/2021, 6:22:23	1h 37m		Presenter
K. Lavanya mpcs	6/8/2021, 4:45:59	6/8/2021, 6:22:18	1h 36m		Presenter
G.Ganesh	6/8/2021, 4:45:59	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, 4:52:08	6/8/2021, 5:15:24	23m 18s		Attendee
107218467071 S	6/8/2021, 4:52:18	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, 4:52:25	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, 6:08:08	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

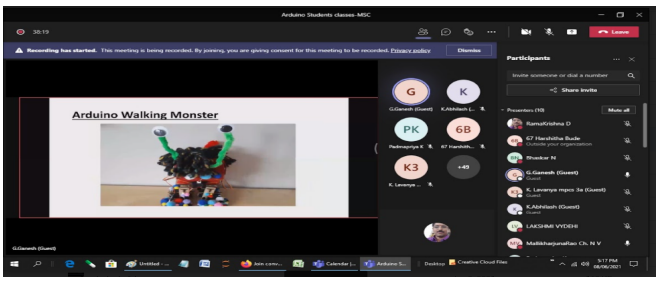


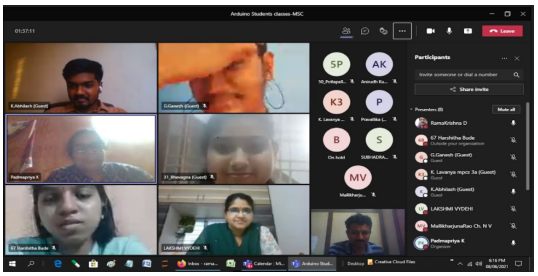


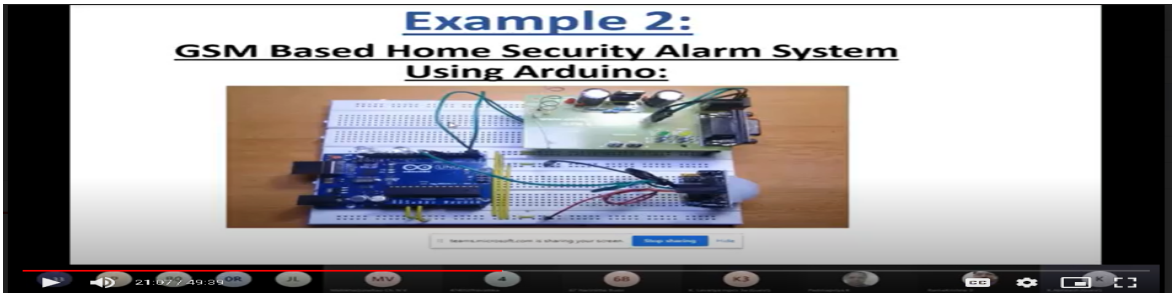


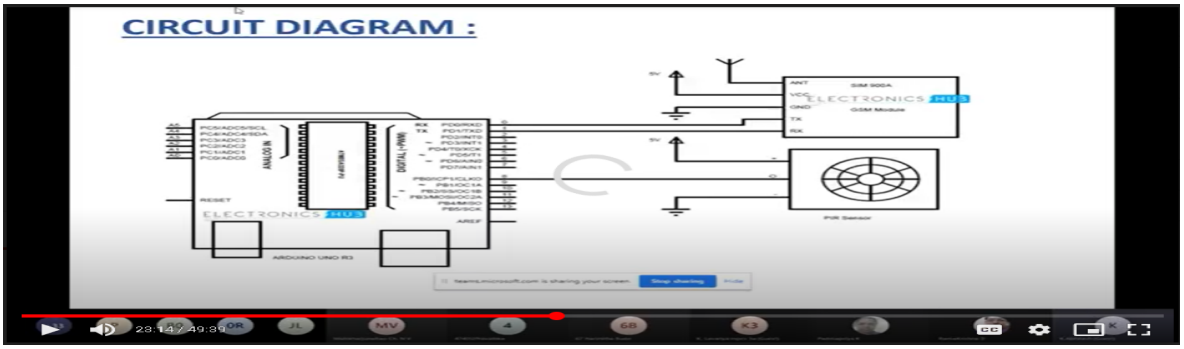



Arduino Students classes-MSC
01:37:33
Leave
More actions
Participants
Invite someone or dial a number
Share invite
Presenters (8)
Mute all
RamaKrishna D
67 Harshitha Bude
Outside your organization
G.Ganesh (Guest)
Guest
K. Lavanya mpcs 3a (Guest)
Guest
K.Abhilash (Guest)
Guest
LAKSHMI VYDEHI
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
K.Abhilash (Guest)
G.Ganesh (Guest)
Padmapriya K
31_Bhavagna (Guest)
67 Harshitha Bude
LAKSHMI VYDEHI
On hold
SUBHADRA...
Mallikharju...
Desktop
Creative Cloud Files
6:16 PM
08/06/2021

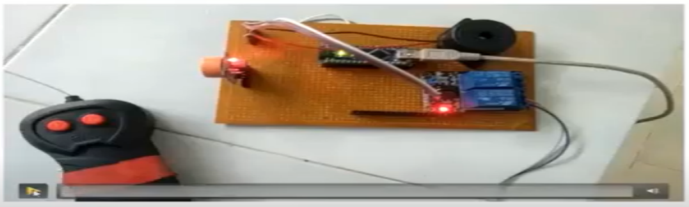

Arduino Walking Monster




Example 2:
GSM Based Home Security Alarm System
Using Arduino:


CIRCUIT DIAGRAM :

DEMONSTRATION VIDEO:



- IGNORE THE DISTURBANCE!

Play (k)

REPORT ON

GUEST LECTURE(WEBINAR)

"CAREER OPPORTUNITIES AT U.G. AND TERTIARY-LEVEL"

Bharatiya Vidya Bhavan

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

REPORT ON

GUEST LECTURE(WEBINAR)
"CAREER OPPORTUNITIES AT U.G. AND TERTIARY-LEVEL"

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 17th 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.

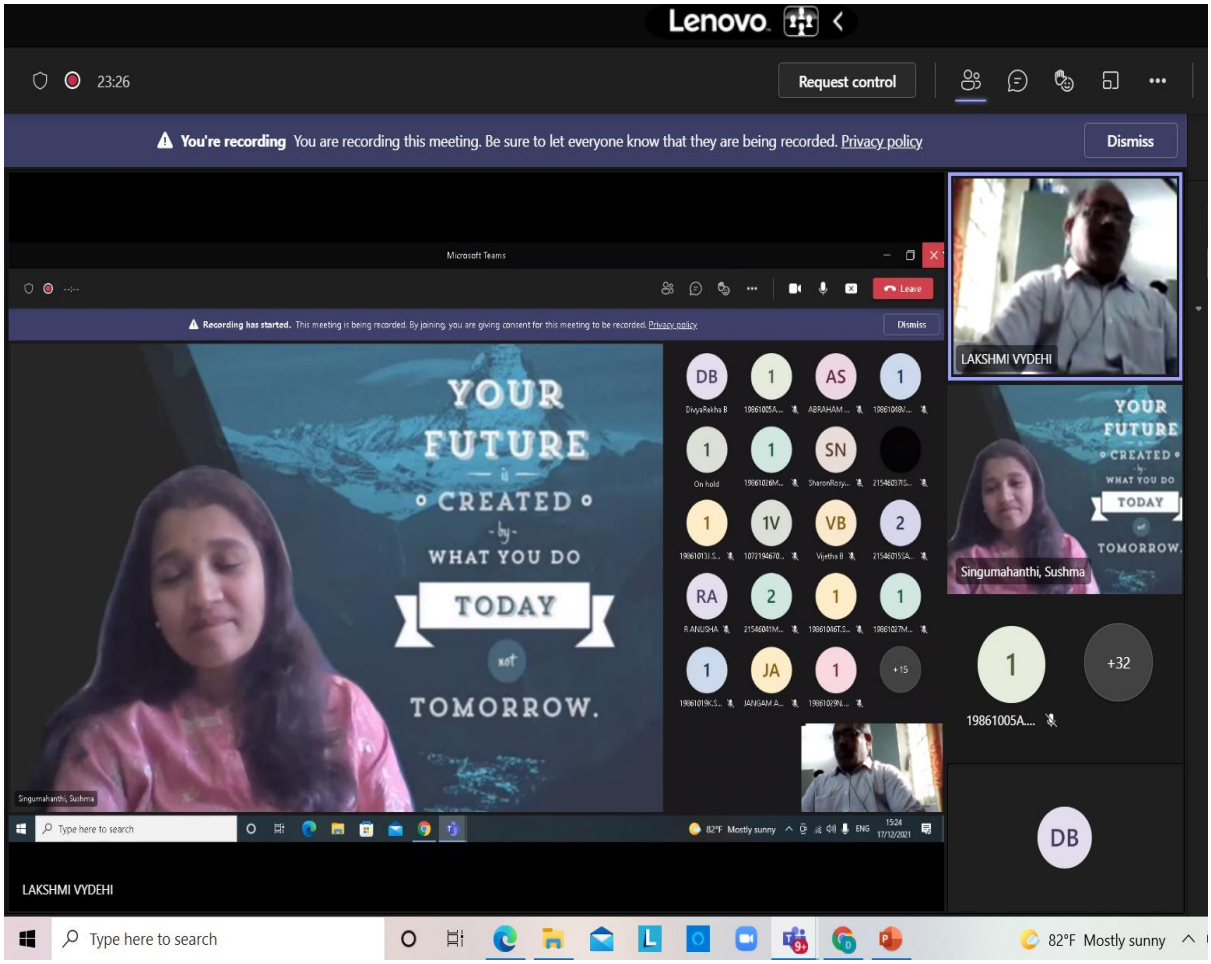
The Webinar started at 3:00 p.m.with the welcome address given by Mr. N. Bhaskar, Assistant Professor, Department of Computer Science. Ms. Siddhini student from BCA III Yr, read the profile of Sushma Uday and welcomed her for the session.

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 not TOMORROW.
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Singumahanthi, Sushma
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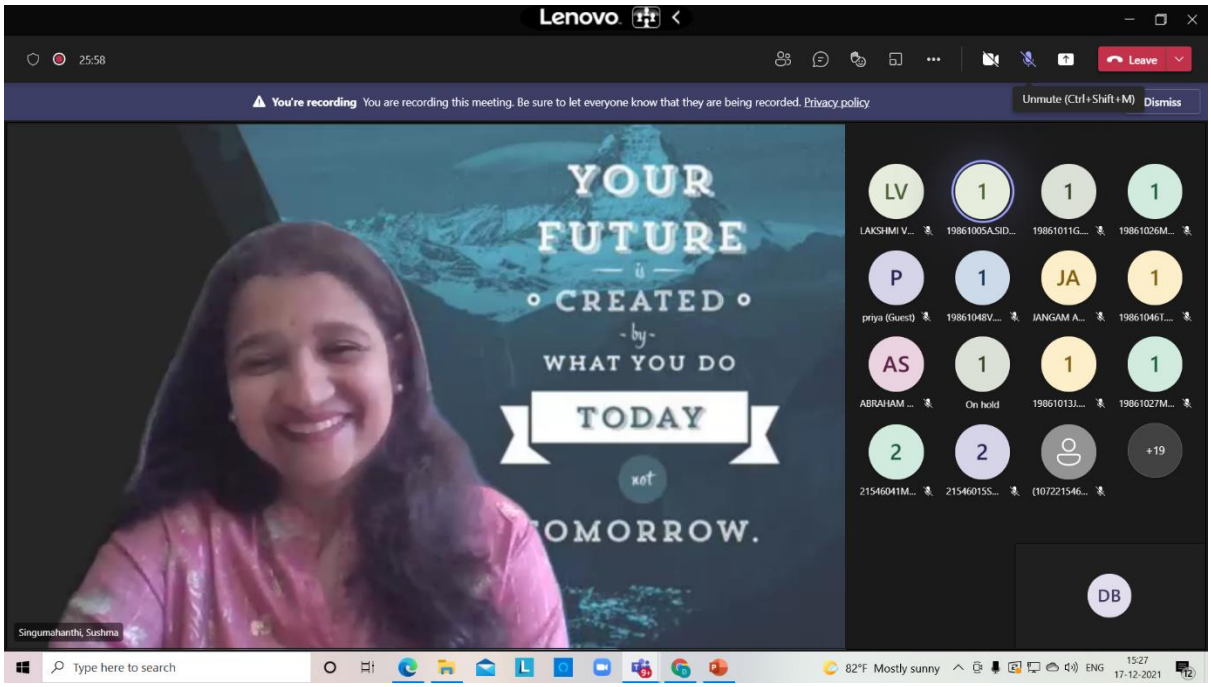
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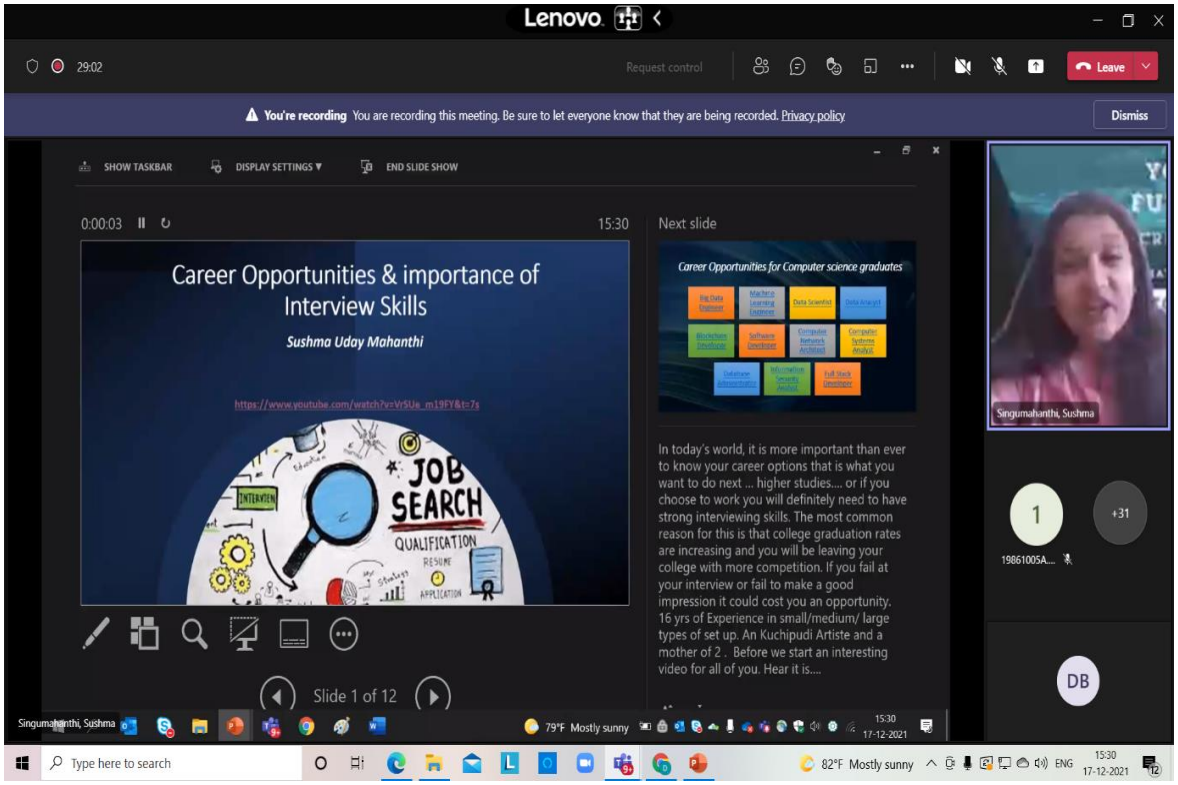
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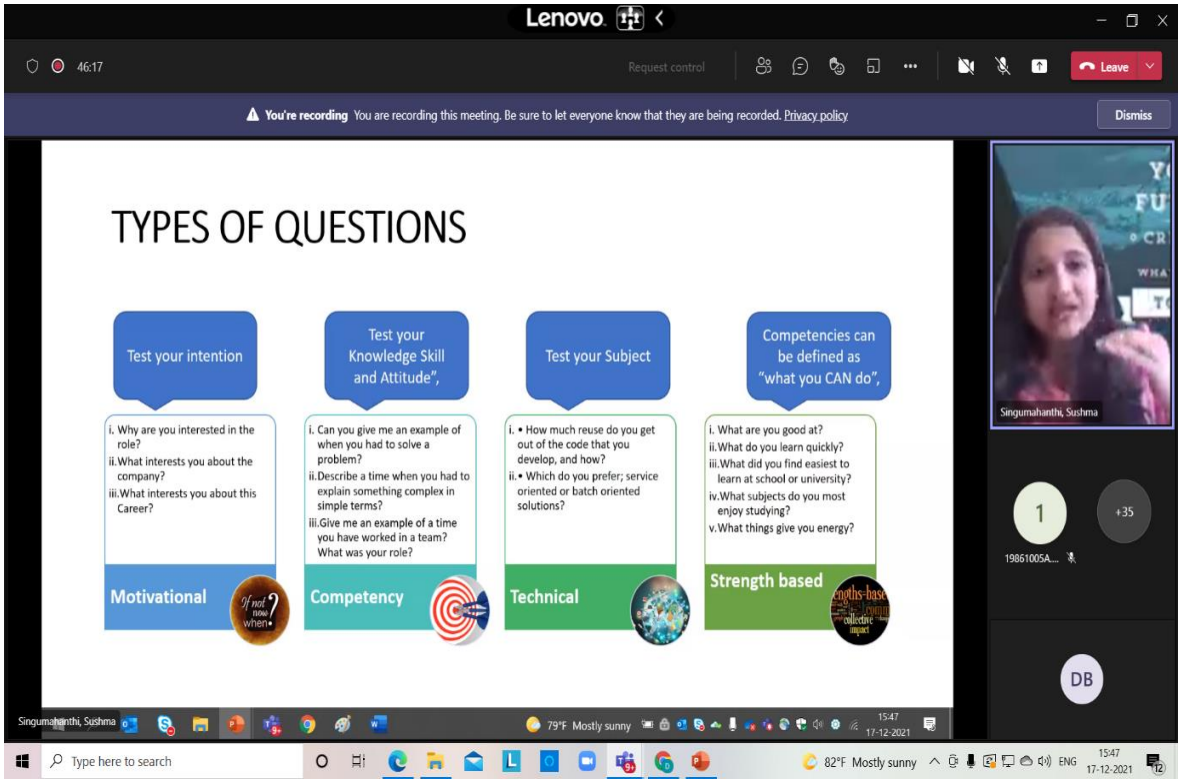
Request control
Leave
You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy
Dismiss
SHOW TASKBAR
DISPLAY SETTINGS
END SLIDE SHOW
0:00:03
15:30
Career Opportunities & importance of Interview Skills
Sushma Uday Mahanthi
https://www.youtube.com/watch?v=Vr5Uie_m19FY&t=7s
JOB SEARCH
QUALIFICATION
Next slide
Career Opportunities for Computer science graduates
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
1
+31
19861005A...
DB
Type here to search
82°F Mostly sunny
ENG
15:30
17-12-2021


Lenovo
46:17
Request control
Leave
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Dismiss
TYPES OF QUESTIONS
Test your intention
i. Why are you interested in the role?
ii. What interests you about the company?
iii. What interests you about this Career?
Motivational
Test your Knowledge Skill and Attitude",
i. Can you give me an example of when you had to solve a problem?
ii. Describe a time when you had to explain something complex in simple terms?
iii. Give me an example of a time you have worked in a team? What was your role?
Competency
Test your Subject
i. • How much reuse do you get out of the code that you develop, and how?
ii. • Which do you prefer; service oriented or batch oriented solutions?
Technical
Competencies can be defined as "what you CAN do",
i. What are you good at?
ii. What do you learn quickly?
iii. What did you find easiest to learn at school or university?
iv. What subjects do you most enjoy studying?
v. What things give you energy?
Strength based
Singumahanthi, Sushma
1
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DB
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82°F Mostly sunny
ENG
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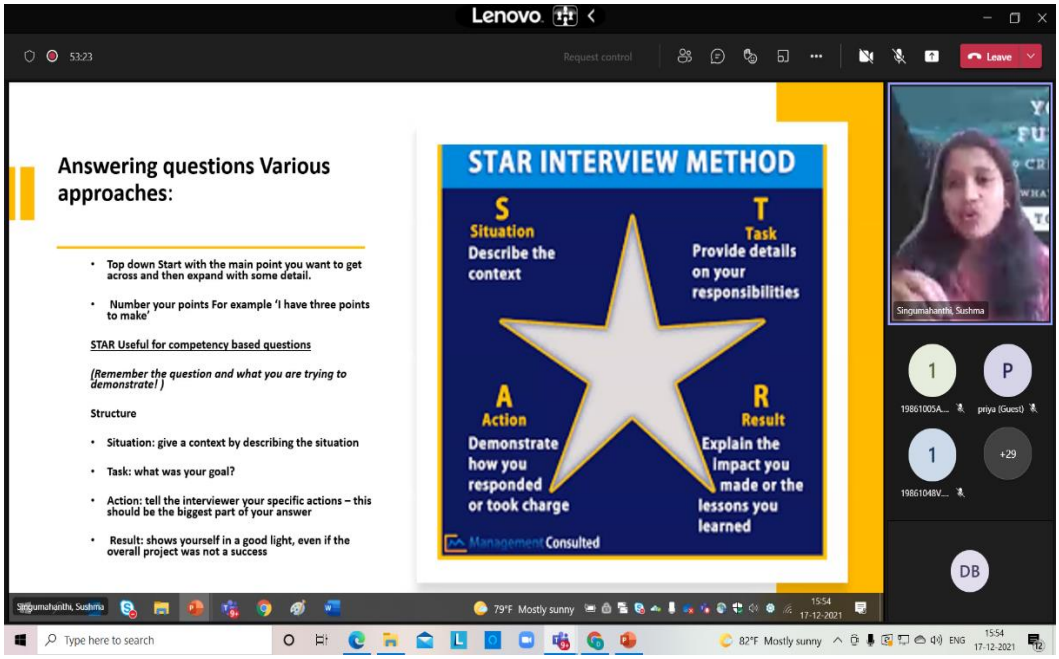
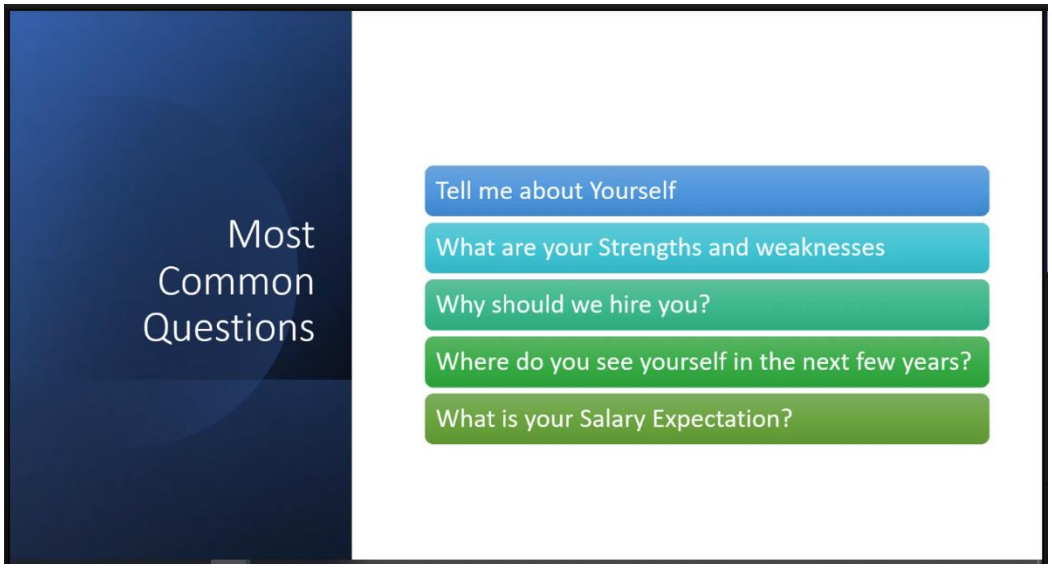
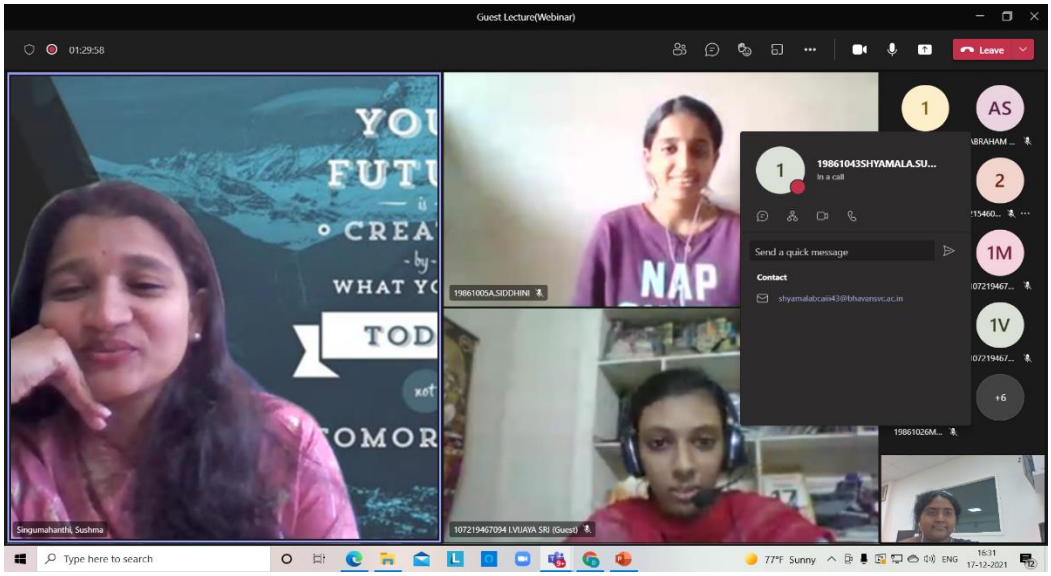
17-12-2021


Lenovo
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
Singumahanthi, Sushma
priya (Guest)
+29
DB
79°F Mostly sunny
Type here to search
82°F Mostly sunny
ENG
15:54
17-12-2021


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.

A Report on
5 Day Workshop on PHP with MYSQL

Bharatiya Vidya Bhavan

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce

Sainikpuri, Secunderabad - 500094

Autonomous College, Affiliated to O.U.

Accredited with 'A' grade by NAAC

PHP WITH MYSQL WORKSHOP

for BCA/B.Sc IInd and IIIrd year Students

from 29-11-2021 TO 03-12-2021

3:00 PM TO 4:30PM

Organized by

Department of Computer Science

Under DBT-Star College Scheme

Resource Person

Singoji Vinay Kumar Chary

Program Officer - IT

Watershed Support Services and Activities Network

Nagole, Hyderabad, Telangana

E-Certificate will be provided

Platform Teams : Click here

Coordinators:

Mr. N. Bhaskar
9347983943
Mr. G. Mahesh Kumar
9849874907

A Report on
5 Day Workshop on PHP with MYSQL
29th November to 3rd December 2021

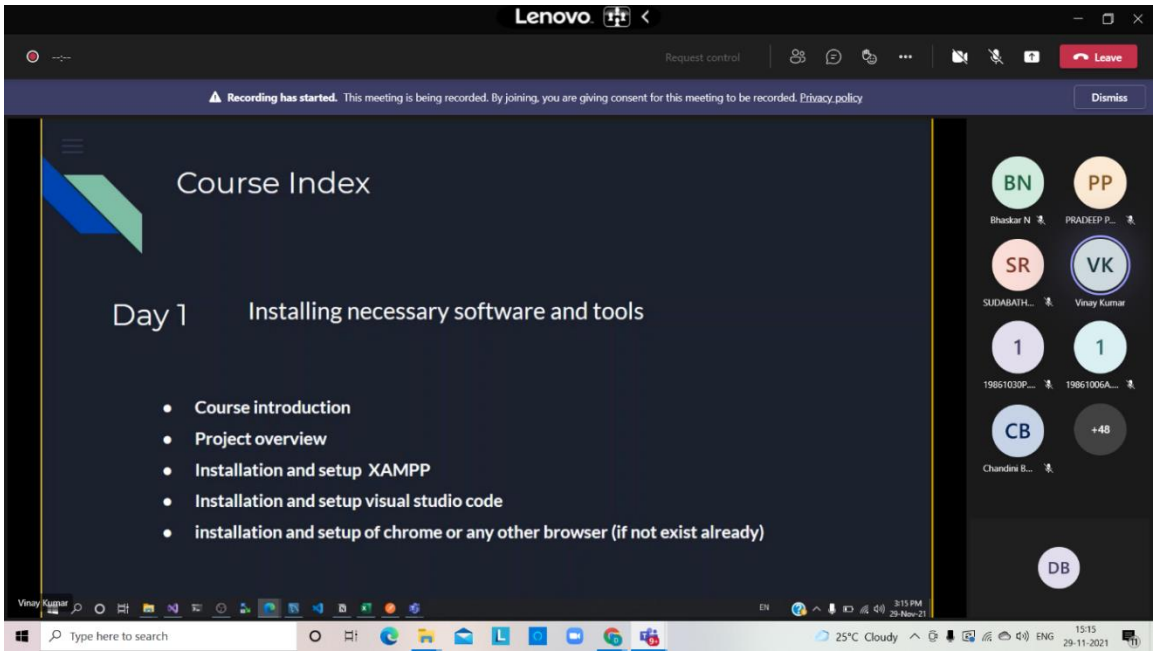
Department of Computer Science had organized 5 Day Workshop on PHP with MYSQL through online mode under **DBT- Star College Scheme**, from 29th November to 3rd December 2021 for B.Sc and BCA II and III year students.

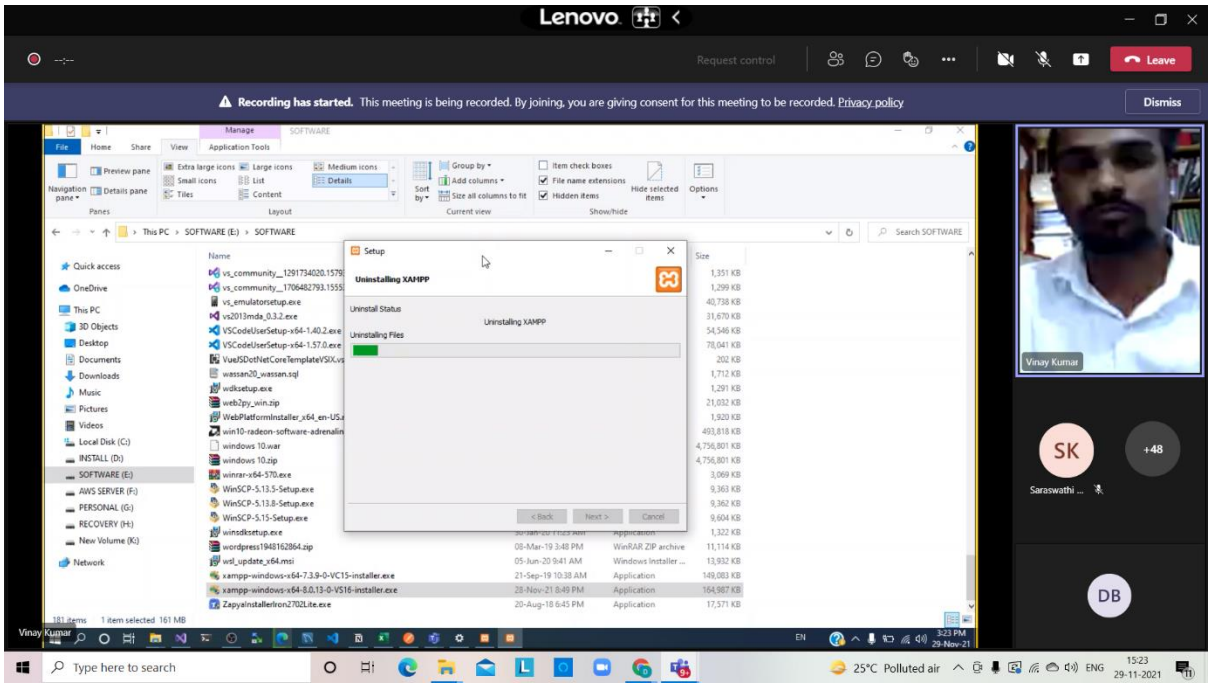
The Resource person invited for the session was, Mr.S Vinay Kumar Chary Program Officer - IT Watershed Support Services and Activities Network Nagole, Hyderabad, Telangana.

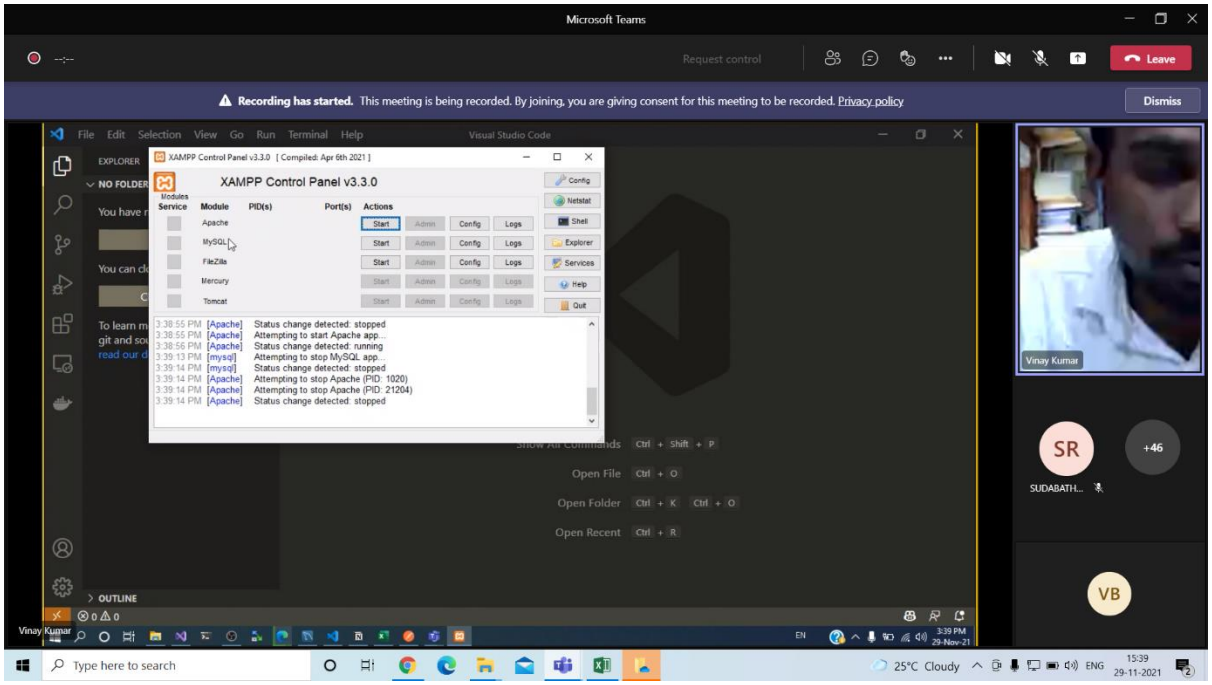
The workshop started at 3:00 p.m with the welcome address given by Mr.N.Bhaskar, Lecturer, Department of Computer Science welcomed him as Alumini of Bhavan's Vivekananda College. The session was taken over by Mr.Vinay Kumar , he briefed about day wise schedule for 5 Day workshop and gave introduction about PHP and MY SQL There were a total of 100 participants including faculty and students of various streams for the Workshop.

The five-day schedule:

Day 1:
He explained about necessary tools needed to install and explained how to setup visual studio code practically and also highlighted the points on project implementation basing on these tools.


Lenovo
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Course Index
Day 1
Installing necessary software and tools
Course introduction
Project overview
Installation and setup XAMPP
Installation and setup visual studio code
installation and setup of chrome or any other browser (if not exist already)
BN
Bhaskar N
PP
PRADEEP P...
SR
SUDABATH...
VK
Vinay Kumar
1
1
CB
Chandini B...
+48
DB
Vinay Kumar
Type here to search
25°C Cloudy
ENG
15:15
29-11-2021


Lenovo
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Setup
Uninstalling XAMPP
Uninstall Status
Uninstalling XAMPP
Uninstalling Files
Vinay Kumar
SK
Saraswathi ...
+48
DB
Vinay Kumar
Type here to search
25°C Polluted air
ENG
15:23
29-11-2021


Microsoft Teams
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Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
XAMPP Control Panel v3.3.0
Vinay Kumar
SR
SUDABATH...
+46
VB
Type here to search
25°C Cloudy
ENG
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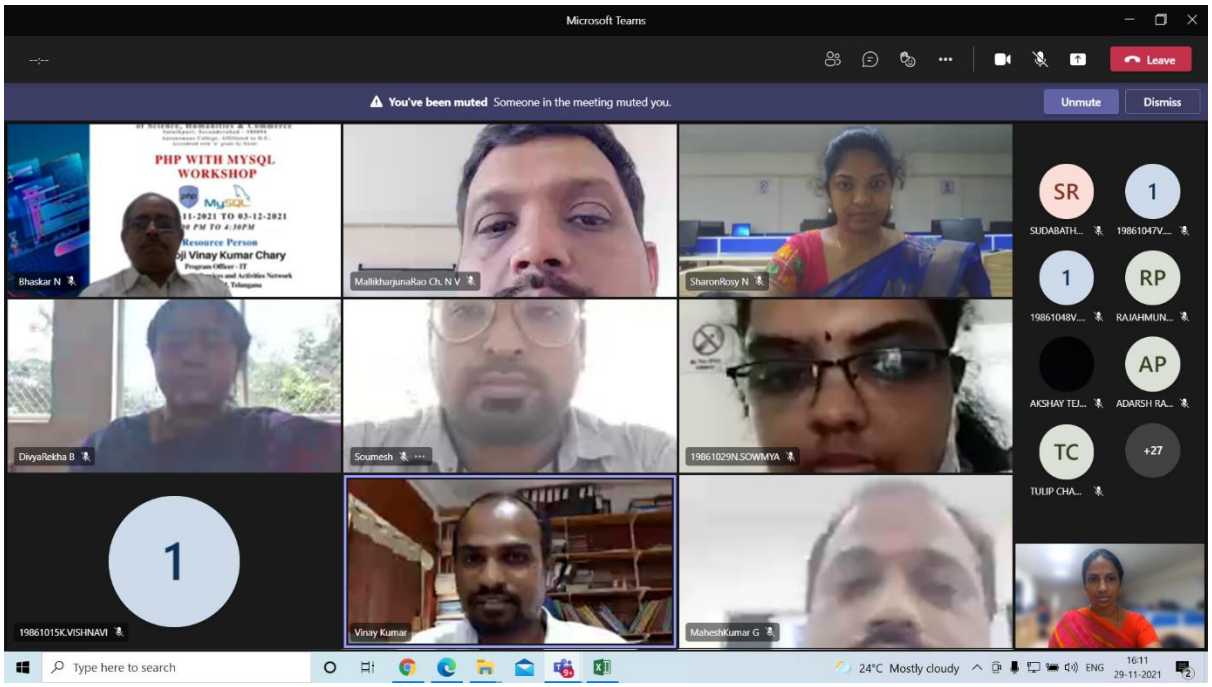
29-11-2021

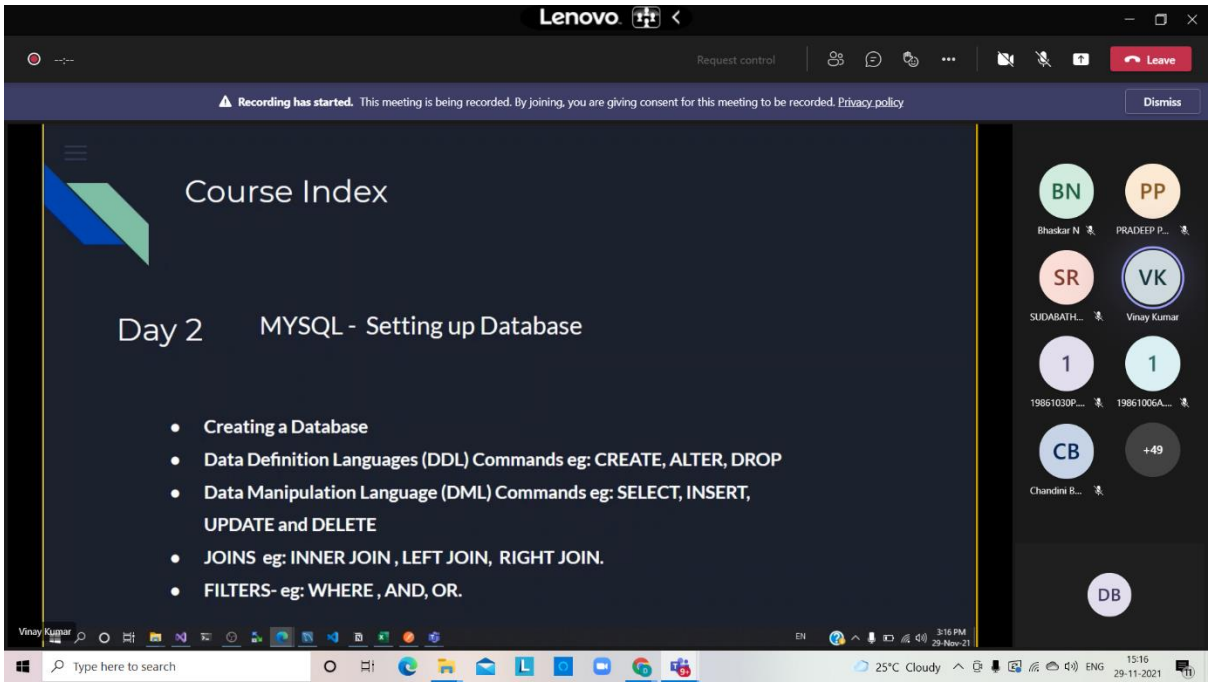

Microsoft Teams
Leave
You've been muted Someone in the meeting muted you.
Unmute
Dismiss
PHP WITH MYSQL WORKSHOP
Resource Person
Bhaskar N
MallikharjunaRao Ch. N V
SharonRosy N
DivyaRekha B
Soumesh
19861029N.SOWMYA
19861015K.VISHNAVI
Vinay Kumar
MaheshKumar G
SR
SUDABATH...
1
19861047V...
1
19861048V...
RP
RAJAHMUN...
AP
ADARSH RA...
TC
TULIP CHA...
+27
Type here to search
24°C Mostly cloudy
ENG
16:11
29-11-2021

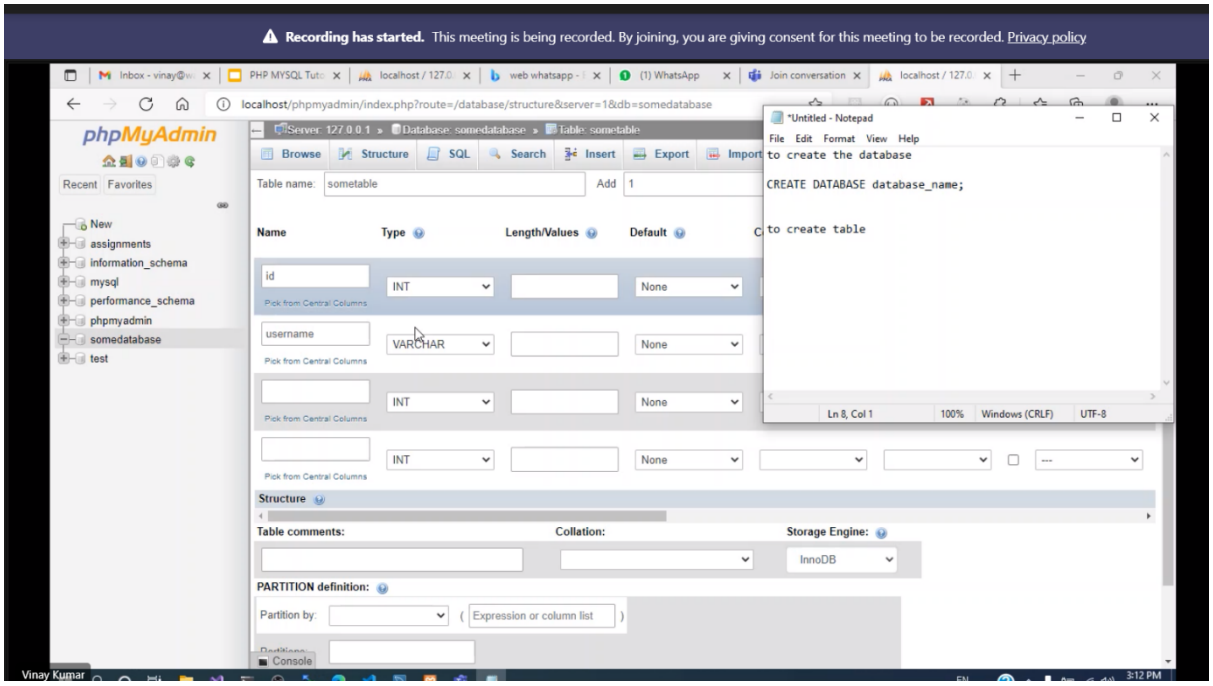
Day 2:

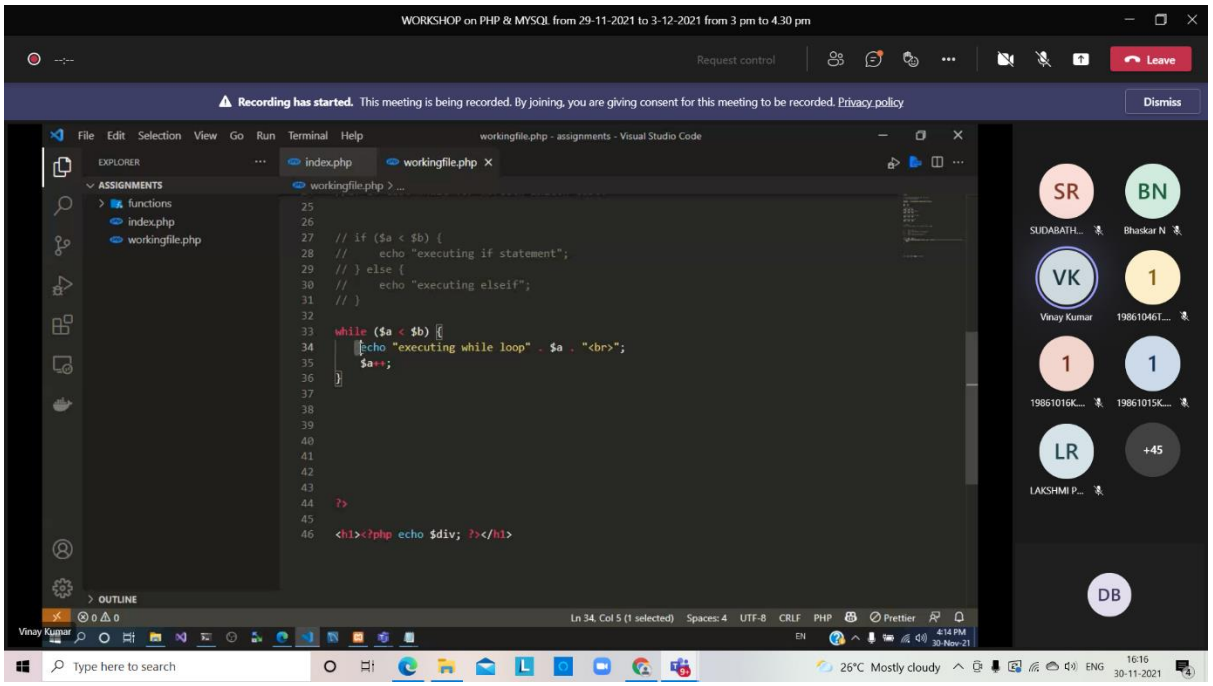
Day 2 Session started with MYSQL Mr. S Vinay Kumar explain creating Database and table in SQL and assigning datatypes to the variables using the software and practically showed students to execute queries

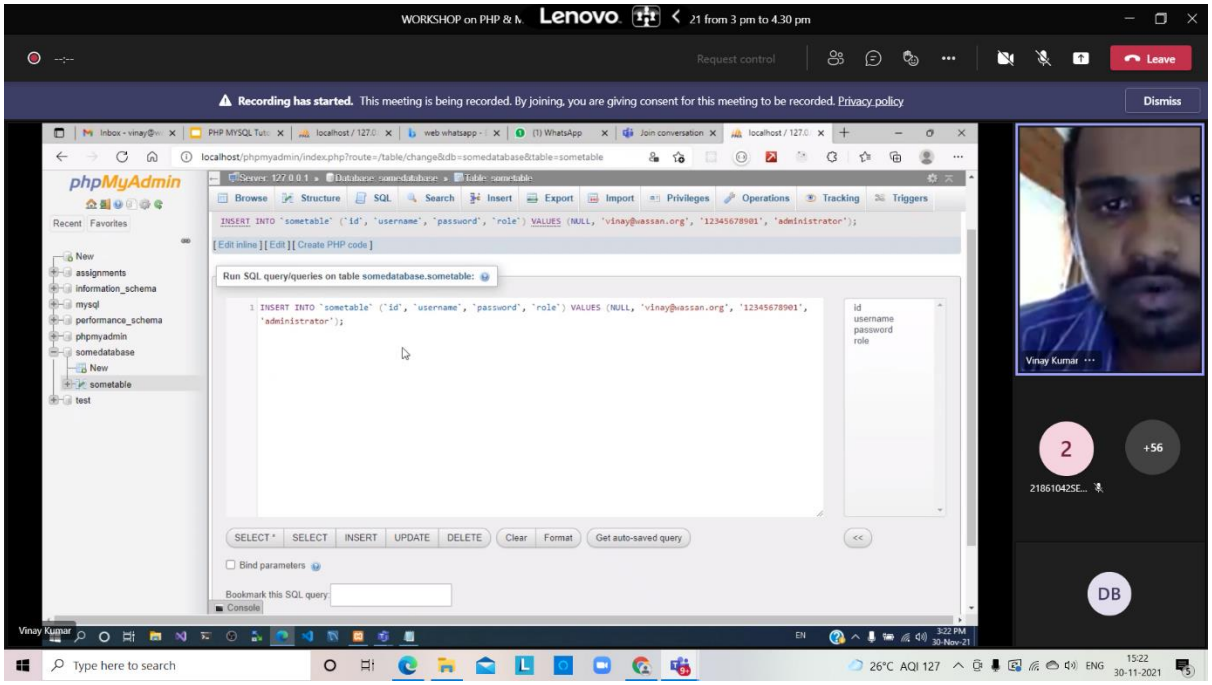
He explained queries on DDL commands like CREATE, ALTER, DROP ETC.
Showed how to implement Filters like WHERE, AND, OR.

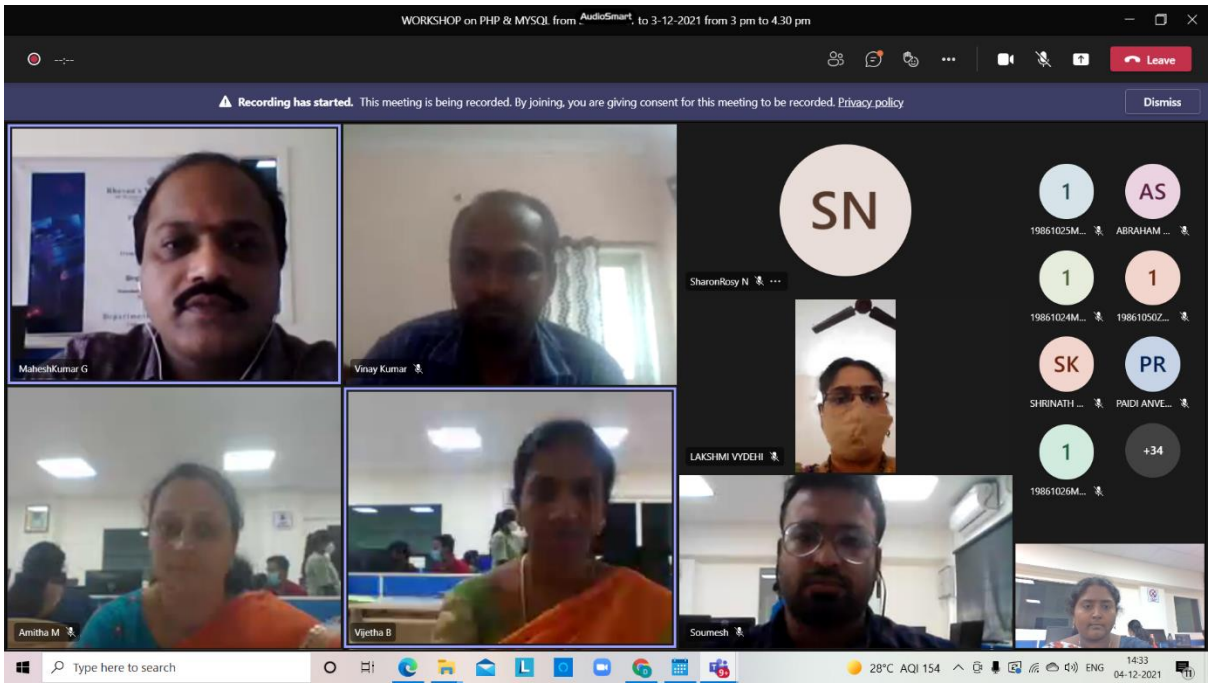
Mr. Vinay Kumar explained about types of JOINS like INNER JOIN, RIGHT JOIN, LEFT JOIN and practically executed queries on joins.




Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
phpMyAdmin
Browse
Structure
SQL
Search
Insert
Export
Import
Table name: sometable
Name
Type
Length/Values
Default
id
username
VARCHAR
INT
None
Structure
Table comments:
Collation:
Storage Engine:
InnoDB
PARTITION definition:
Partition by:
Expression or column list
Console
*Untitled - Notepad
File Edit Format View Help
to create the database
CREATE DATABASE database_name;
to create table
Ln 8, Col 1
100%
Windows (CRLF)
UTF-8
Vinay Kumar
3:12 PM


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
Request control
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
workingfile.php - assignments - Visual Studio Code
EXPLORER
ASSIGNMENTS
functions
index.php
workingfile.php
// if ($a < $b) {
// echo "executing if statement";
// } else {
// echo "executing elseif";
// }
while ($a < $b) {
echo "executing while loop" . $a . "<br>";
$a++;
}
?>
<h1><?php echo $div; ?></h1>
OUTLINE
Ln 34, Col 5 (1 selected)
Spaces: 4
UTF-8
CRLF
PHP
Prettier
SUDABATH...
Bhaskar N
Vinay Kumar
LAKSHMI P...
+45
DB
Vinay Kumar
Type here to search
26°C Mostly cloudy
ENG
16:16
30-11-2021

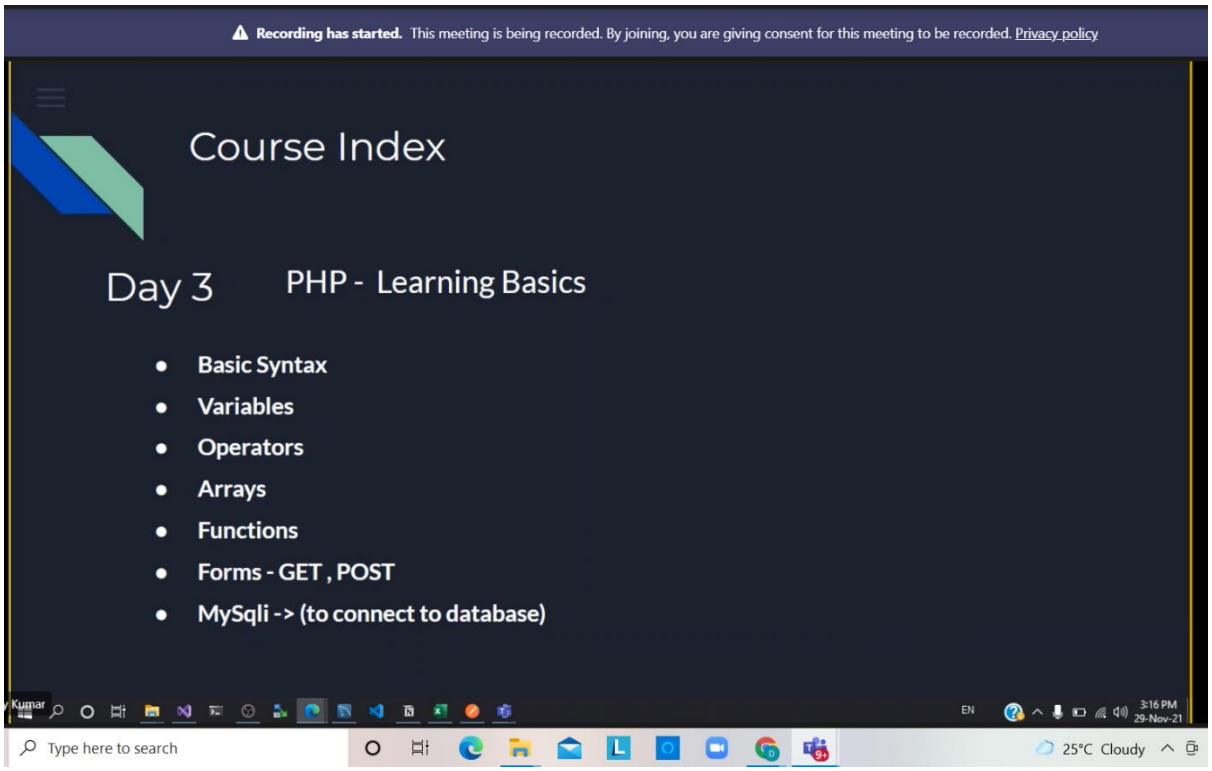

WORKSHOP on PHP & M... Lenovo 21 from 3 pm to 4.30 pm
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
phpMyAdmin
Run SQL query/queries on table somedatabase.sometable:
Vinay Kumar
2
+56
DB
Type here to search
26°C AQI 127
ENG
15:22
30-11-2021

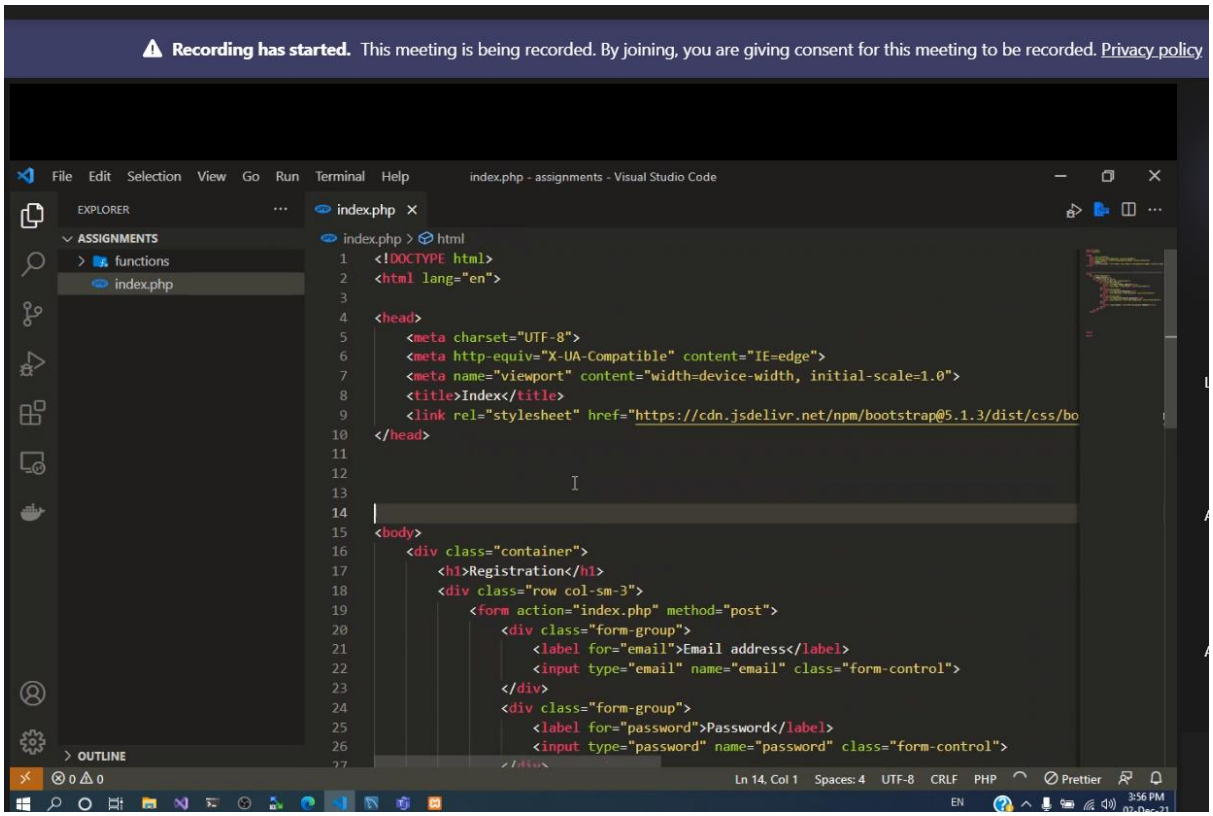

WORKSHOP on PHP & MYSQL from AudioSmart to 3-12-2021 from 3 pm to 4.30 pm
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
MaheshKumar G
Vinay Kumar
SN
SharonRosy N
LAKSHMI VYDEHI
Amitha M
Vijetha B
Soumesh
AS
ABRAHAM ...
SK
SHRINATH ...
PR
PAIDI ANVE...
+34
Type here to search
28°C AQI 154
ENG
14:33
04-12-2021

Day :3

The 3rd day of Workshop started with basics of PHP its syntax, variables in PHP.Mr. Vinay Kumar described about different types of operators, implementation of Arrays and Functions in PHP and also implementation of it in project

He clearly explained about different FORMS like GET and POST. Mr.Vinay cleared all the doubts of students with good patience and also highlighted on how to connect to database in MY SQL.

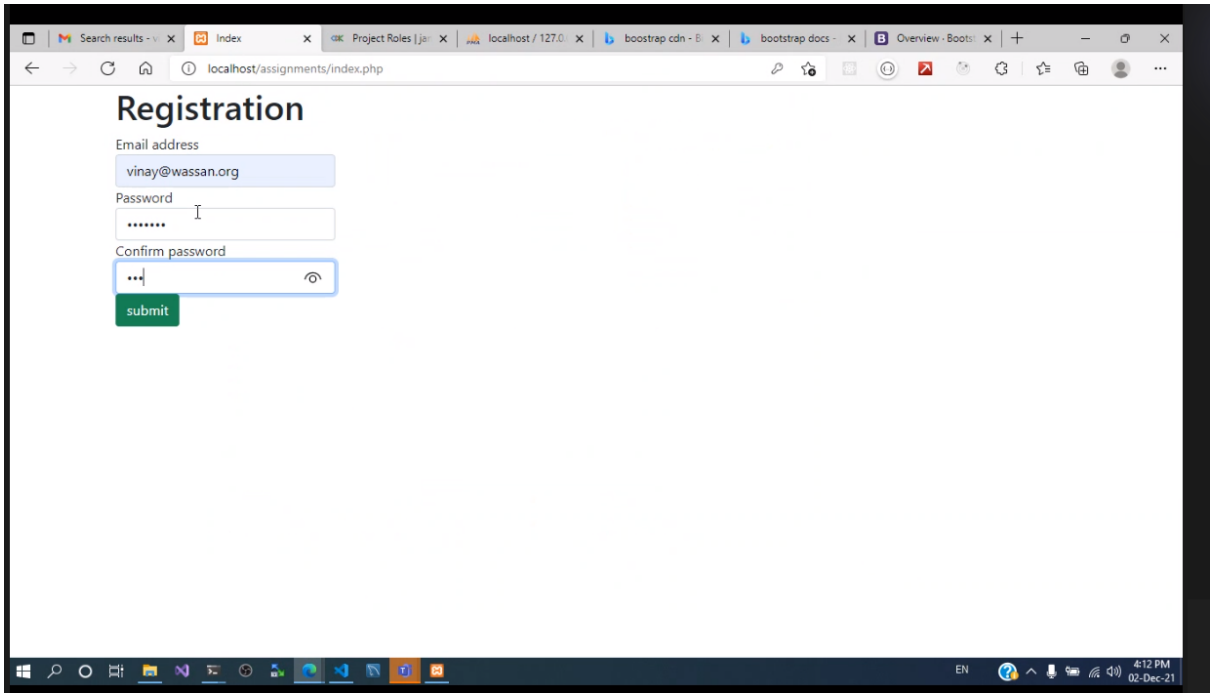


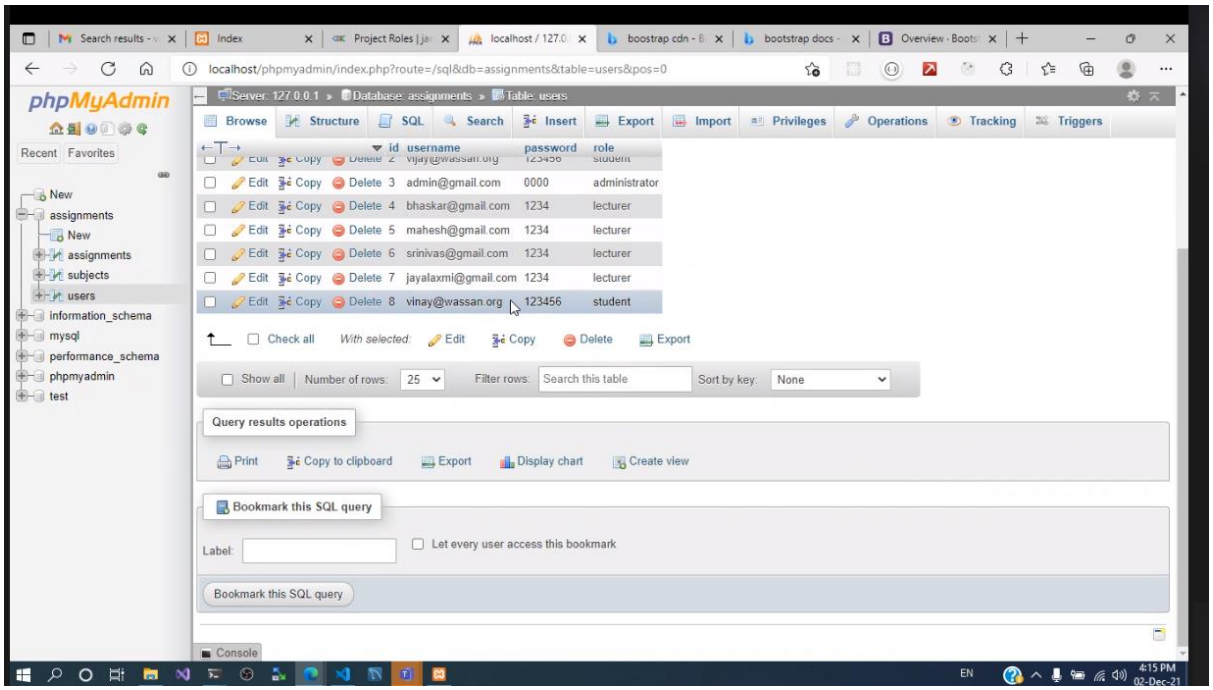



```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Index</title>
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bo
</head>


<body>
    <div class="container">
        <h1>Registration</h1>
        <div class="row col-sm-3">
            <form action="index.php" method="post">
                <div class="form-group">
                    <label for="email">Email address</label>
                    <input type="email" name="email" class="form-control">
                </div>
                <div class="form-group">
                    <label for="password">Password</label>
                    <input type="password" name="password" class="form-control">
```


Registration
Email address
vinay@wassan.org
Password
Confirm password
submit

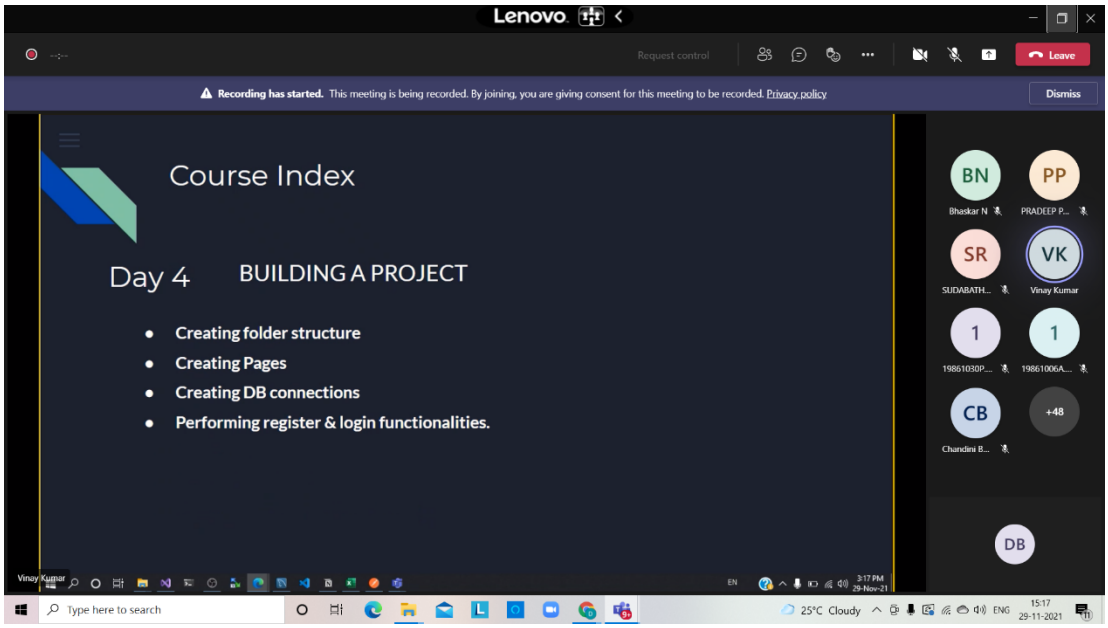

phpMyAdmin
Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Tracking
Triggers
Query results operations
Bookmark this SQL query

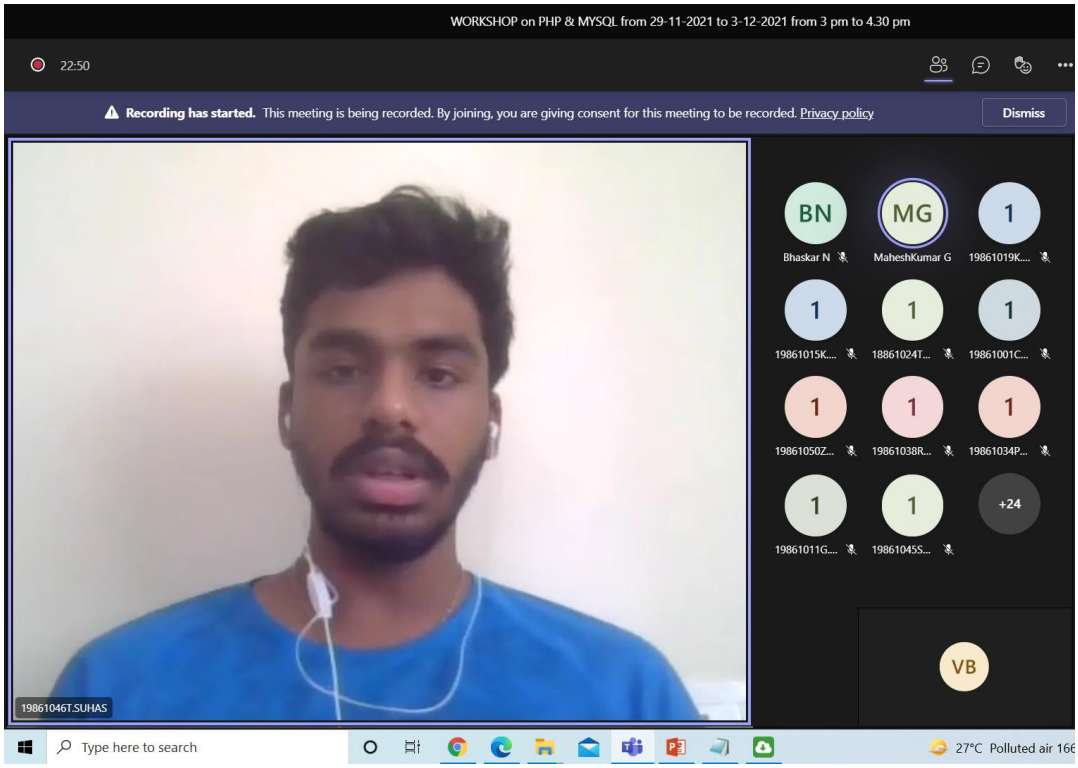
Day 4:

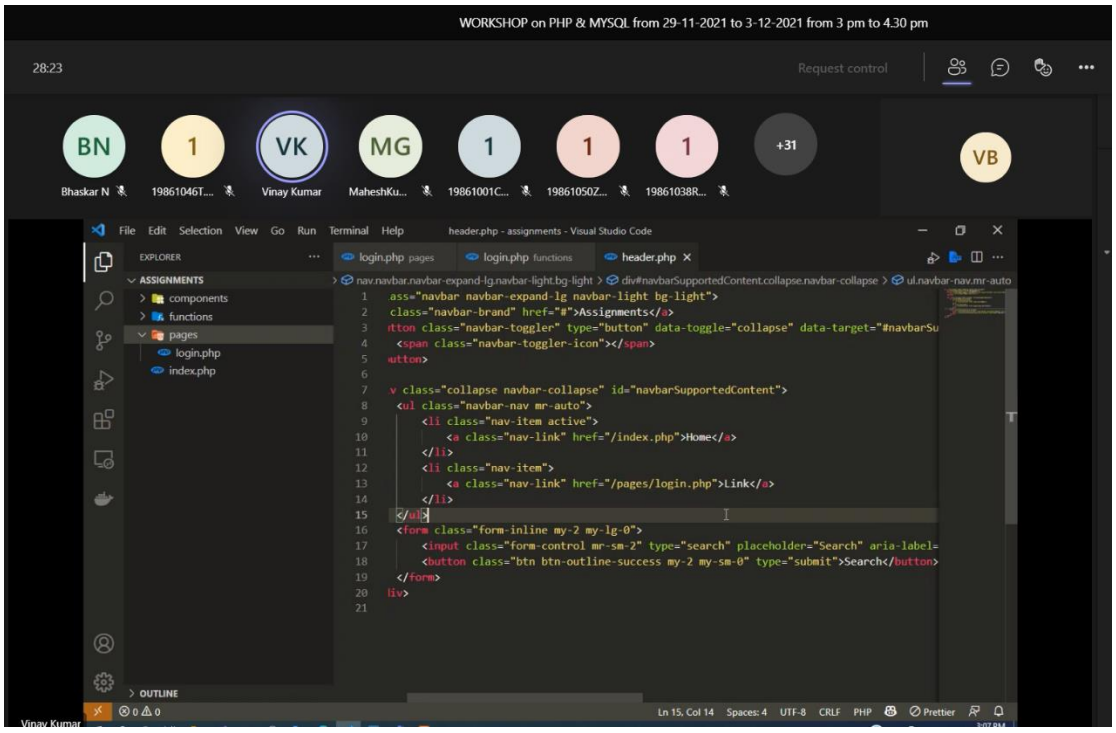
Day 4 of Workshop started with how to build a project. Mr.Vinay just briefed about the previous day topics and started session by explaining how to create Folder structure and create pages in the Folder .

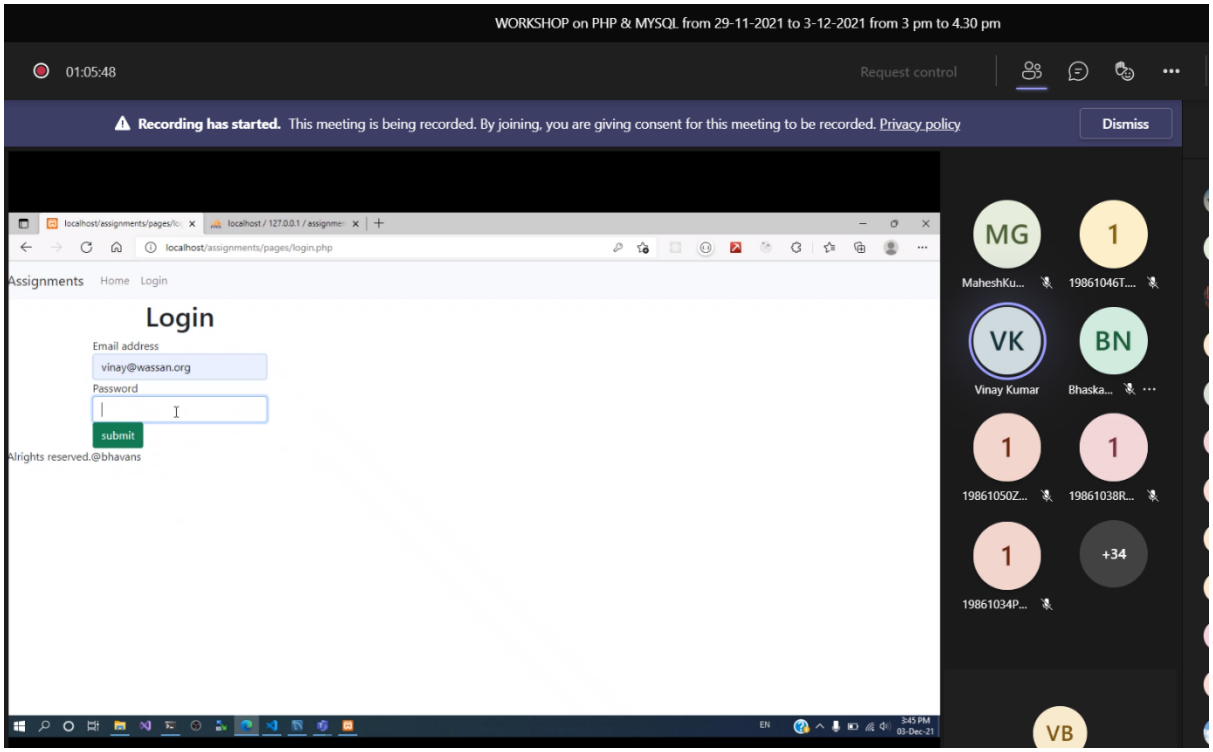
He created live Database and showed clearly how to connect the Databases in PHP. He has taken live example of “Register Database” explained how to register and Login formalities.

The session was very informative and students asked many doubts in creating Database and connecting it.




WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
22:50
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
BN
Bhaskar N
MG
MaheshKumar G
19861019K....
19861015K....
18861024T...
19861001C...
19861050Z...
19861038R...
19861034P...
19861011G....
19861045S...
+24
VB
19861046T.SUHAS
Type here to search
27°C Polluted air


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
28:23
Request control
BN
Bhaskar N
19861046T...
VK
Vinay Kumar
MG
MaheshKu...
19861001C...
19861050Z...
19861038R...
+31
VB
File Edit Selection View Go Run Terminal Help
header.php - assignments - Visual Studio Code
EXPLORER
ASSIGNMENTS
components
functions
pages
login.php
index.php
login.php pages
login.php functions
header.php
OUTLINE
Ln 15, Col 14 Spaces: 4 UTF-8 CRLF PHP Prettier


WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
01:05:48
Request control
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Dismiss
localhost/assignments/pages/login.php
Assignments
Home
Login
Login
Email address
vinay@wassan.org
Password
submit
Alrights reserved.@bhavans
MG
MaheshKu...
1
19861046T....
VK
Vinay Kumar
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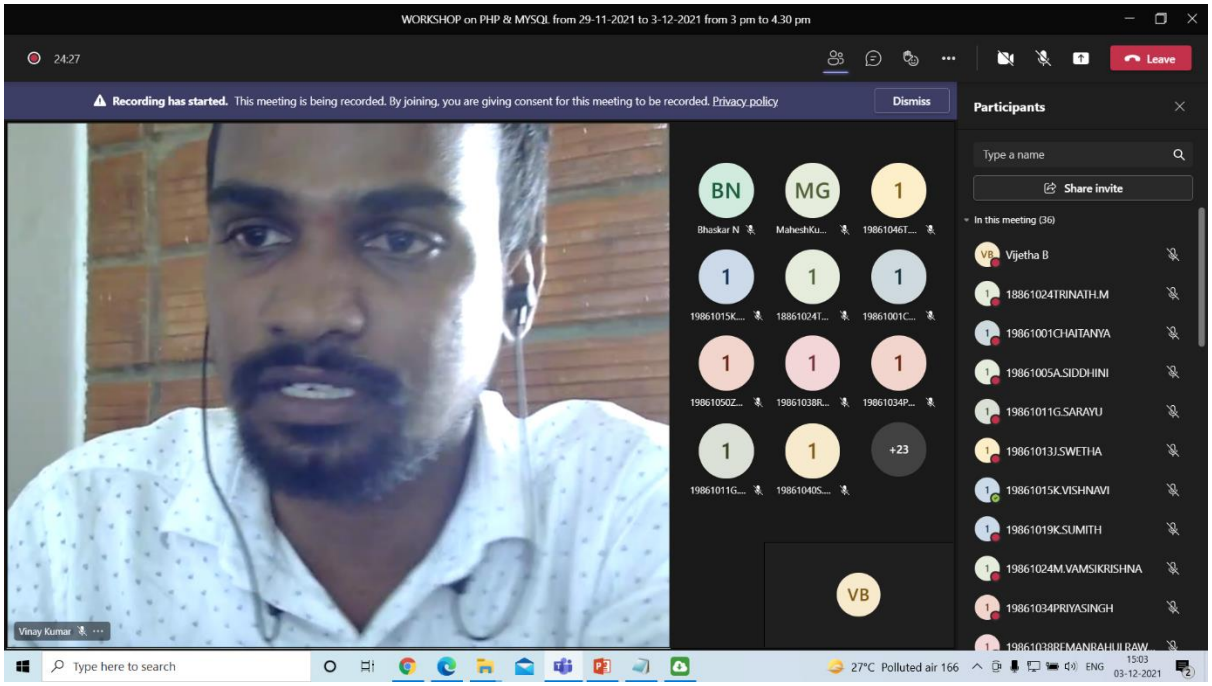
WORKSHOP on PHP & MYSQL from 29-11-2021 to 3-12-2021 from 3 pm to 4.30 pm
24:27
Leave
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
Vinay Kumar
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Bhaskar N
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19861001C...
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19861050Z...
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19861038R...
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19861034P...
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19861011G....
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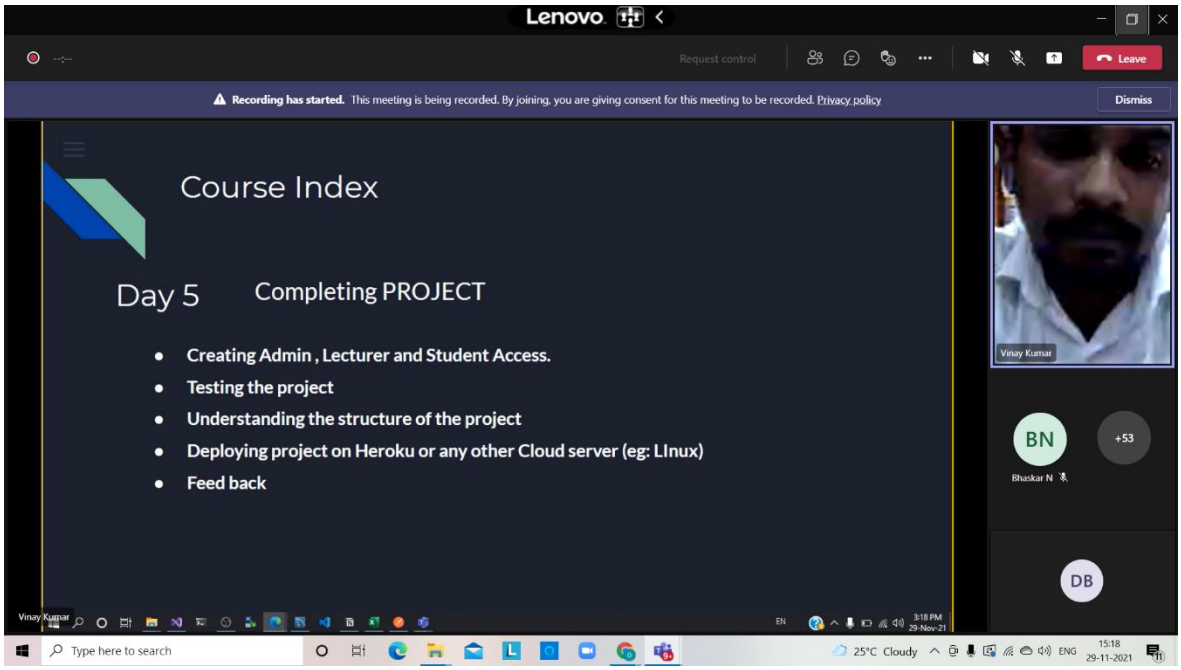
19861040S....
+23
VB
Participants
Type a name
Share invite
In this meeting (36)
Vijetha B
18861024TRINATH.M
19861001CHAITANYA
19861005A.SIDDHINI
19861011G.SARAYU
19861013J.SWETHA
19861015K.VISHNAVI
19861019K.SUMITH
19861024M.VAMSIKRISHNA
19861034PRIYASINGH
Type here to search
27°C Polluted air 166
ENG
15:03
03-12-2021

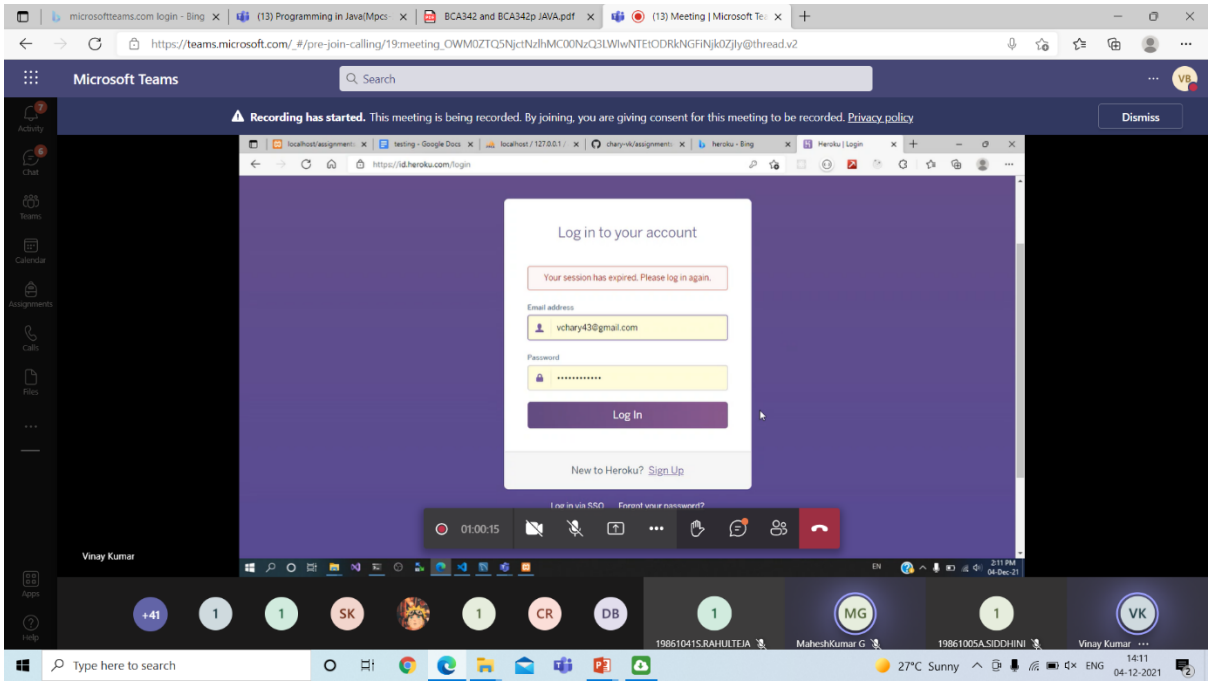
Day 5:

Last day of Workshop started at 3:00 p.m wherein Mr. Vinay Kumar Chary created Admin and explained student access to it in detail.

He described structure of the project,Deploying project on Heroku or any other Cloud Server like Linux.

He also showed how to test the project in detail.

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vchary43@gmail.com
Password
Log In
New to Heroku? Sign Up
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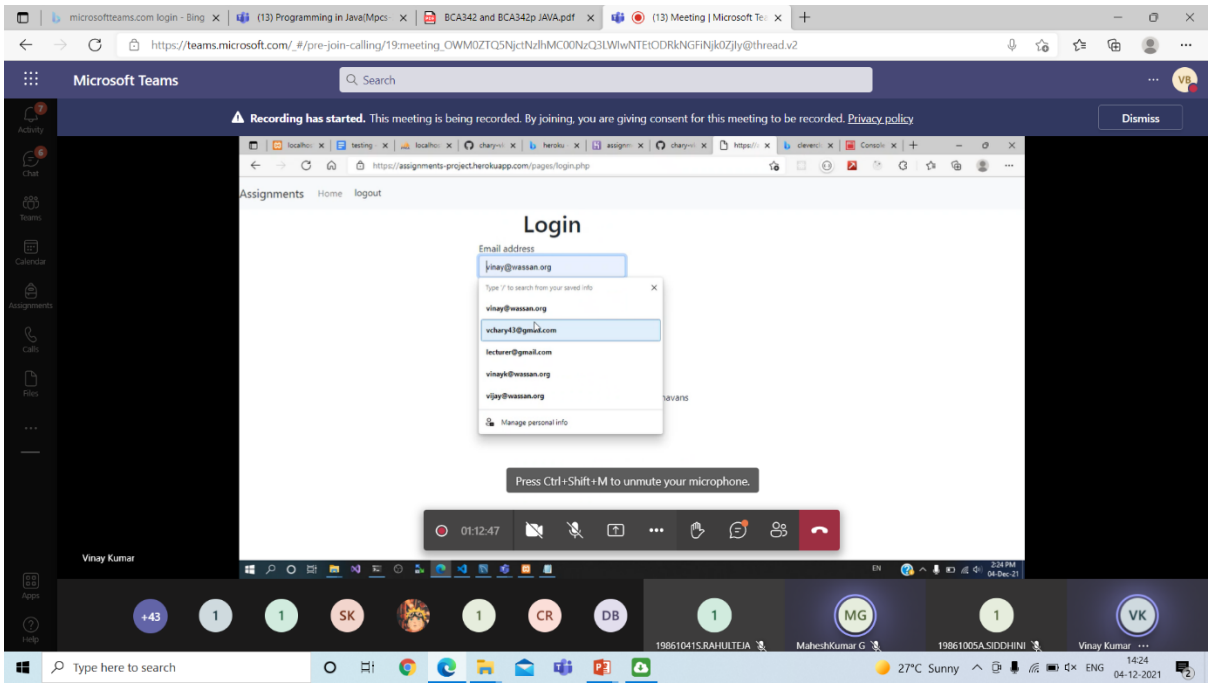
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vinay@wassan.org
vinay@wassan.org
vchary43@gmail.com
lecturer@gmail.com
vinayk@wassan.org
vijay@wassan.org
Manage personal info
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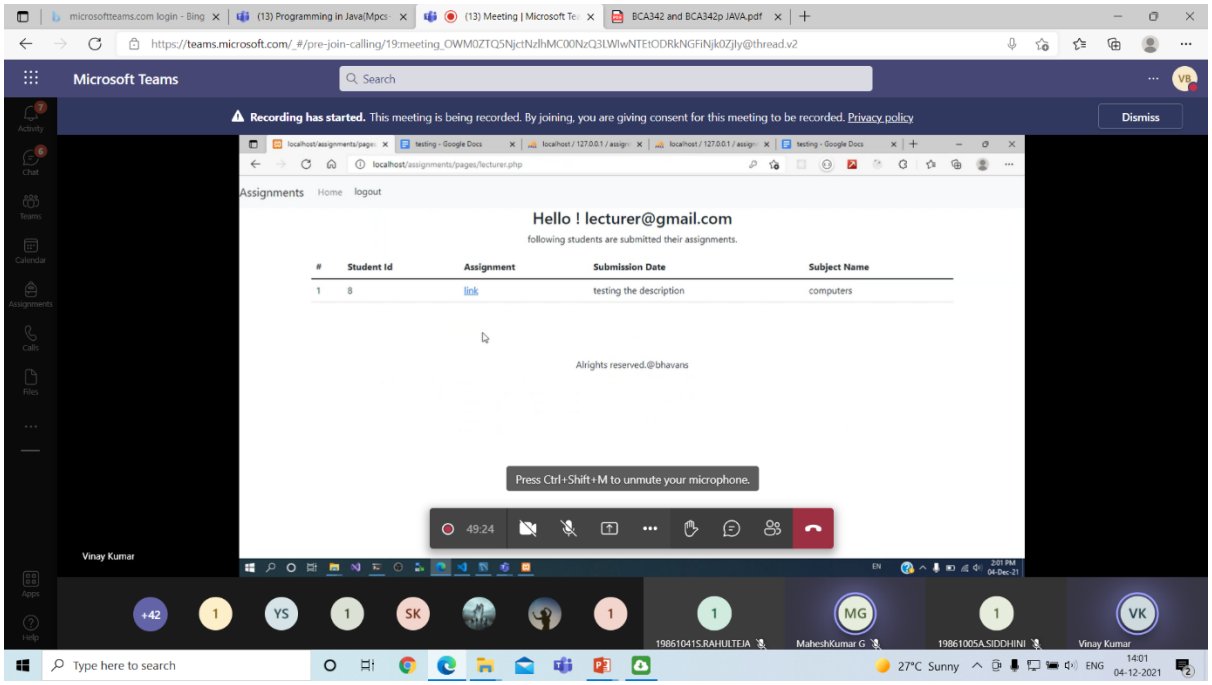
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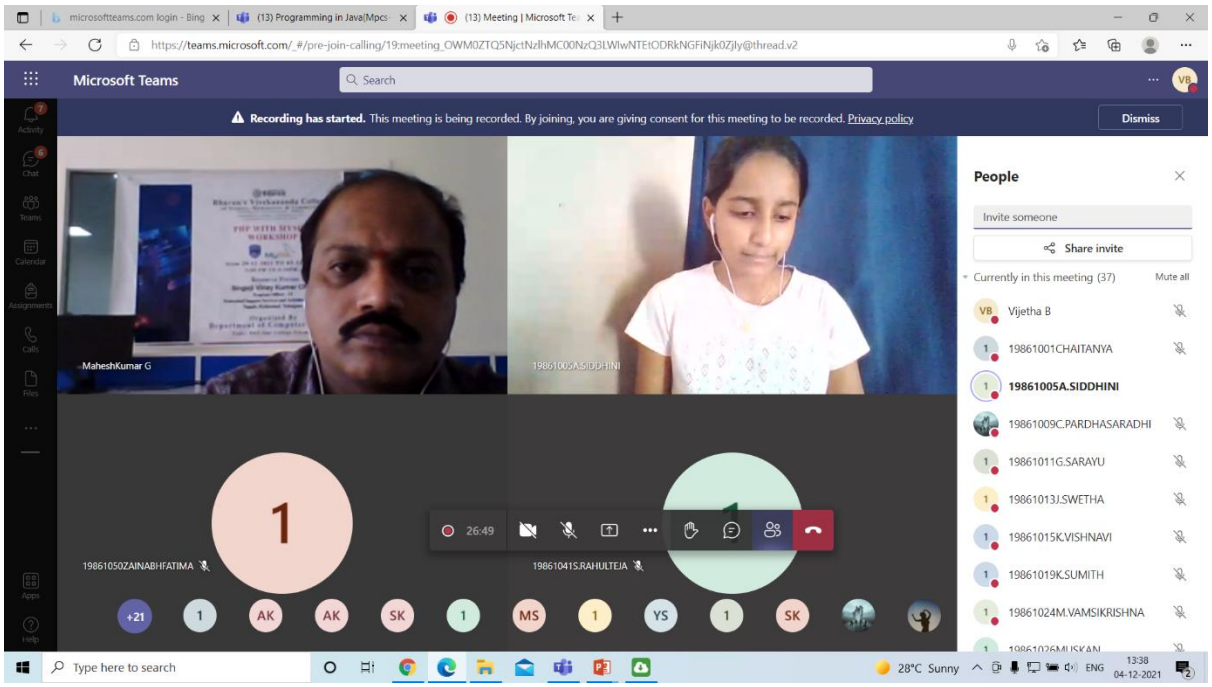
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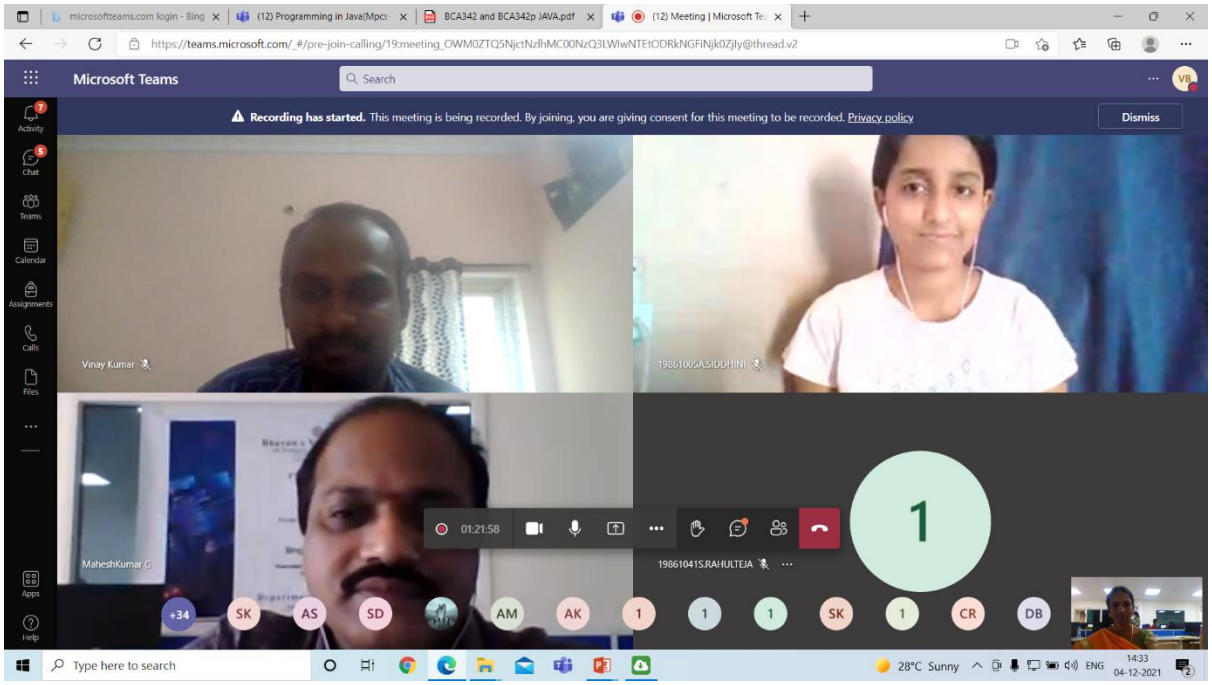


The session concluded with the vote of thanks proposed by Mr. G Mahesh Kumar, Assistant Professor, Department of Computer Science and BCA Programme Coordinator, thanking the speaker and Alumini Mr.Vinay Kumar Chary and the audience for their active participation.

Students gave very good feedback and suggested for more such sessions.

Report on International Webinar on "Ethical Hacking"

Report on International Webinar on "Ethical Hacking"

An International Webinar on "Ethical Hacking"was conducted by the Department of Computer Science, under the DBT Star College scheme, on 26h November, 2021.

The speaker for the Webinar was Mr. Srinivasrao Kotipalli, who works for Global Bank in Singapore as a Senior Cyber Security Manager. He is also an Offensive Security Certified Professional (OSCP) and Offensive Security Certified Expert(OSCE). Mr. N. Bhaskar, Lecturer, Department of Computer Science, welcomed the guest speaker.

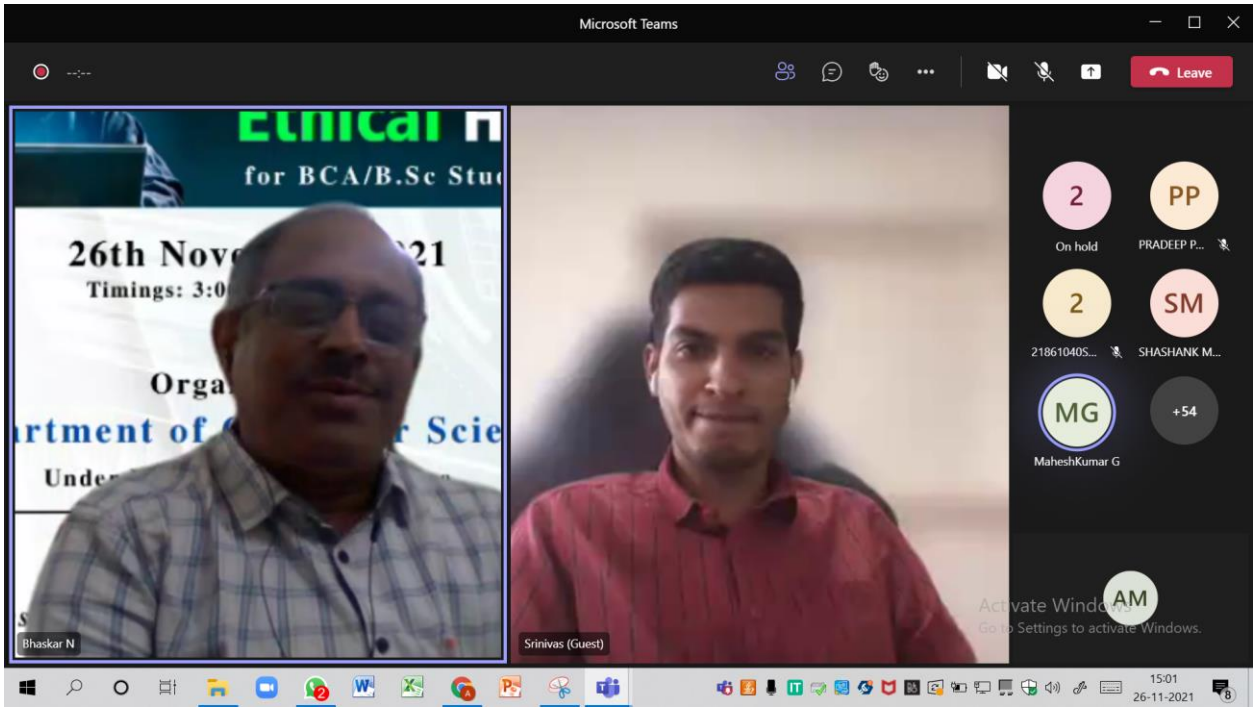
He focused on various topics related to Ethical hacking and Information Security.

Mr. Srinivas highlighted on the need for Security and what Hacking is. He also focused on how Web Application Security is provided.

He also briefed to the students as to who are the different types of Hackers and what do they do, like Black Hat Hackers, White Hat Hackers, Grey Hat Hackers, Hacktivists, Script Kiddies.

He also ran a sample Hacking Code and showed the minimal instructions that are executed for the data to be stolen.

Mr Srinivas also educated the students about 'Careers in Information Security' – He also mentioned the various roles in the industry in the field of Information Security such as - Penetration Testing (Ethical Hacking), Red Team, Yellow Teams, Digital Forensics, Security Operations Center,Security Architects, Bug Bounties, Security Blogging, Security Training-Online and Offline, Freelancing etc.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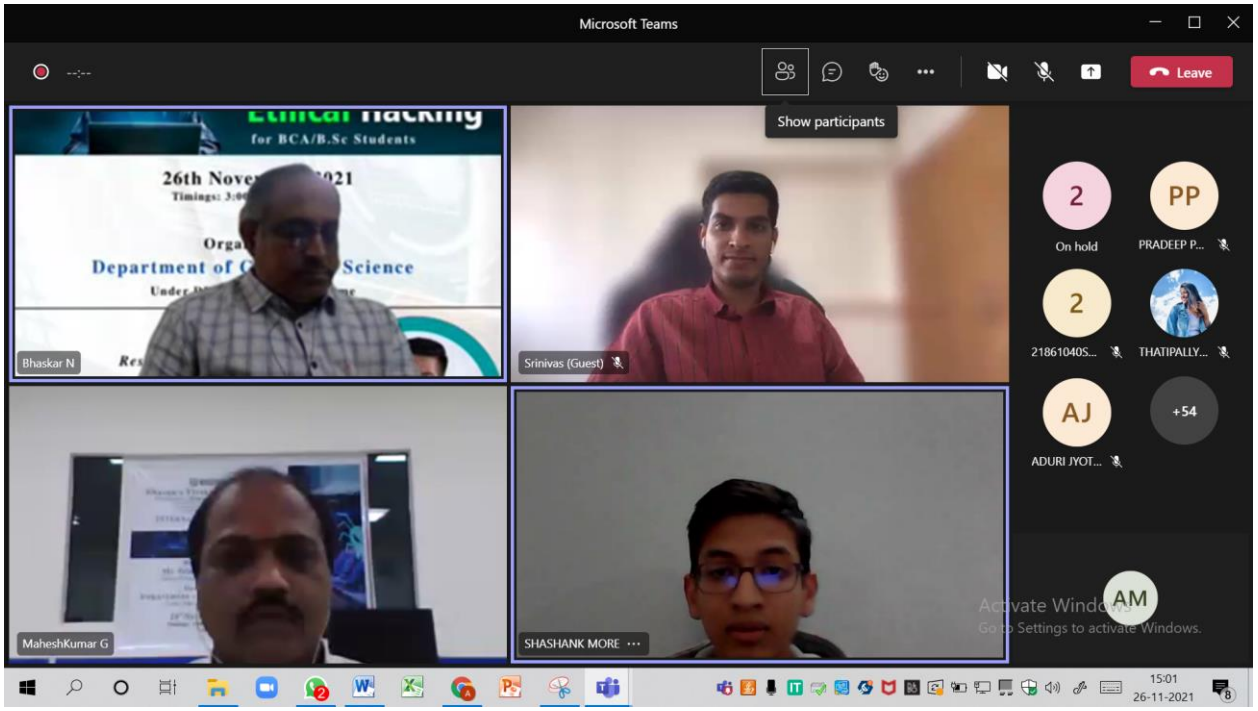
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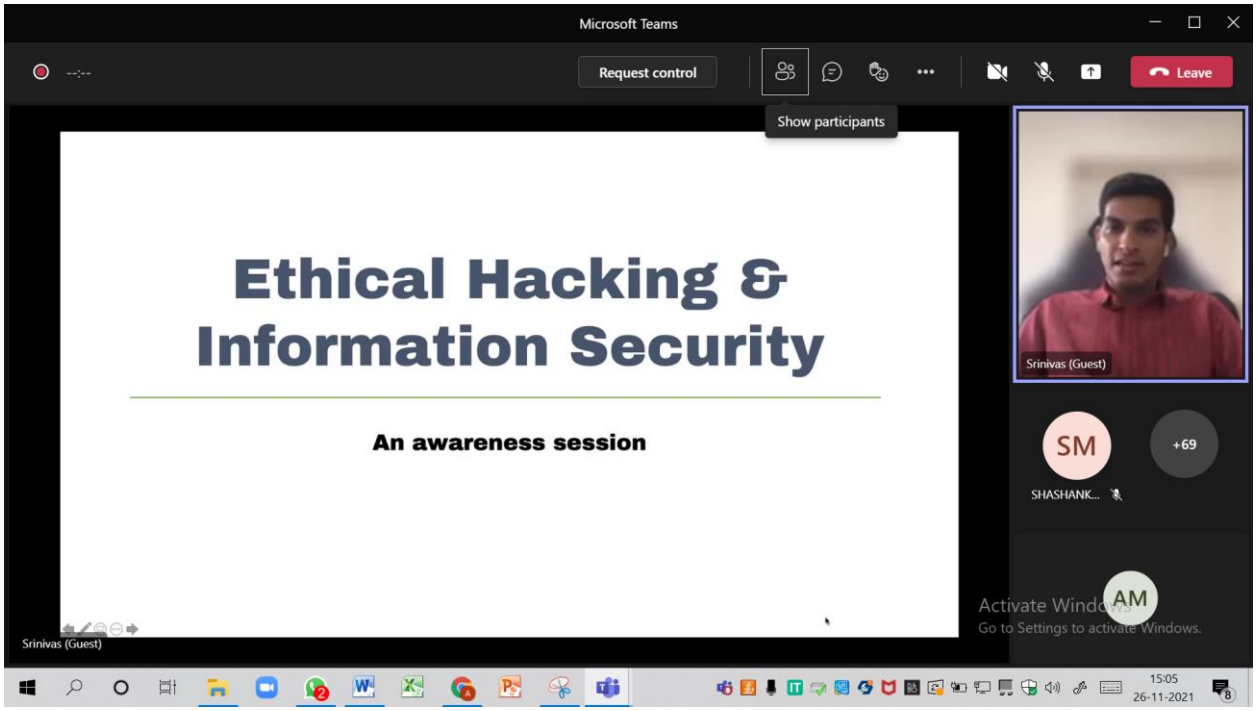
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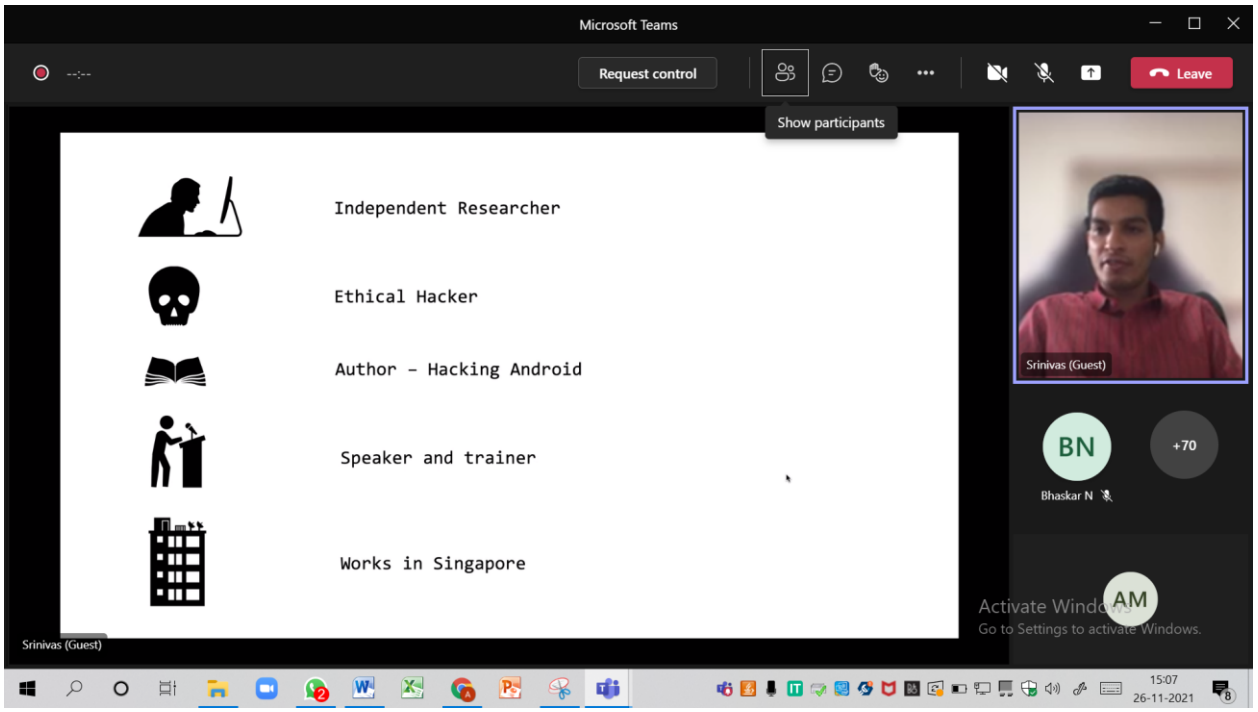
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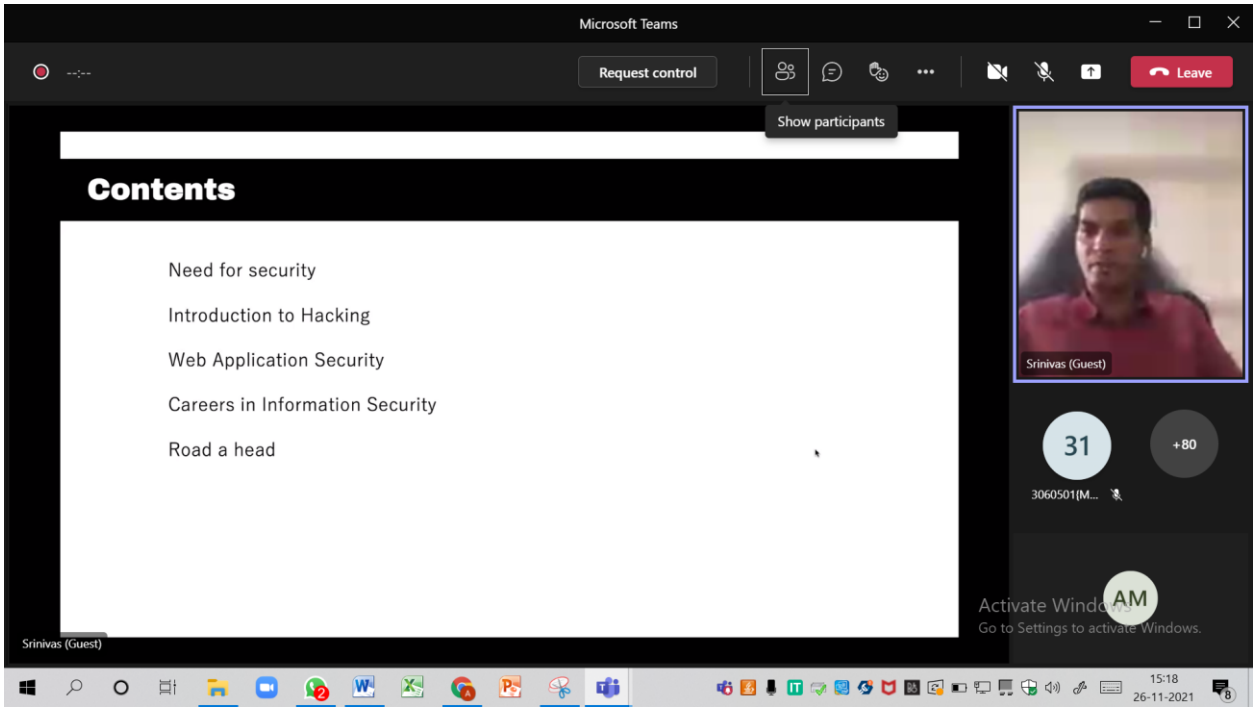
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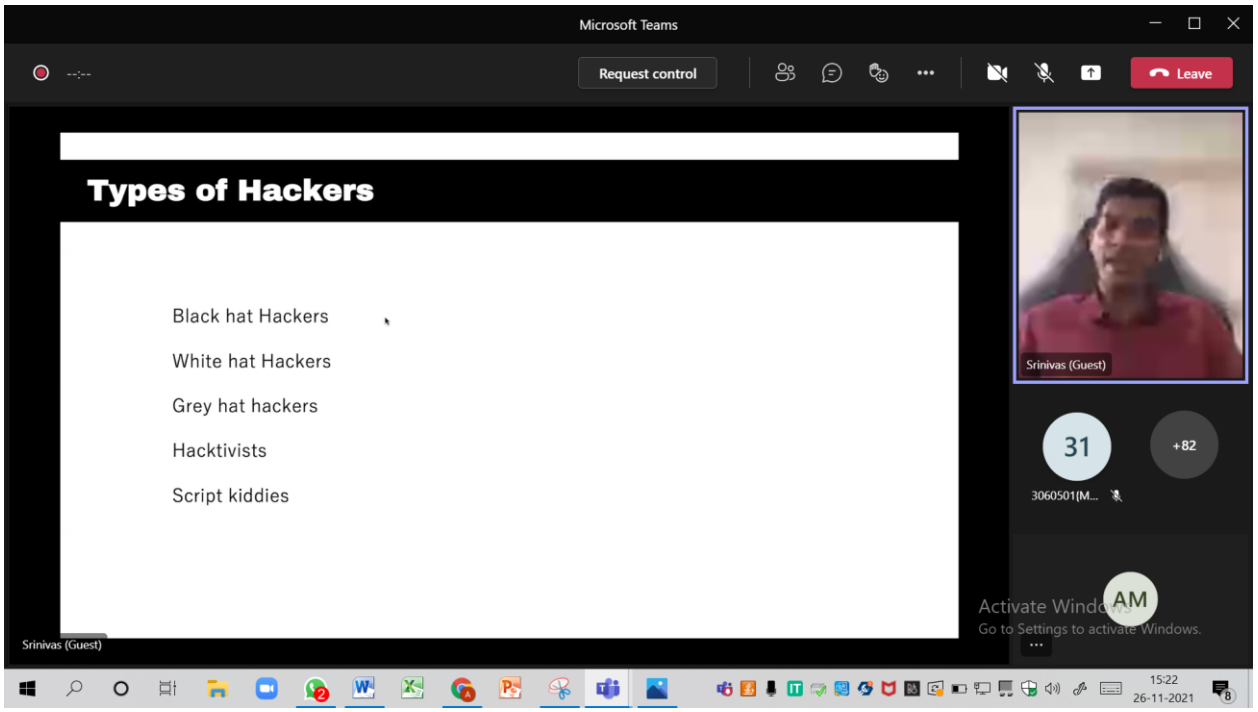
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White hat Hackers
Grey hat hackers
Hacktivists
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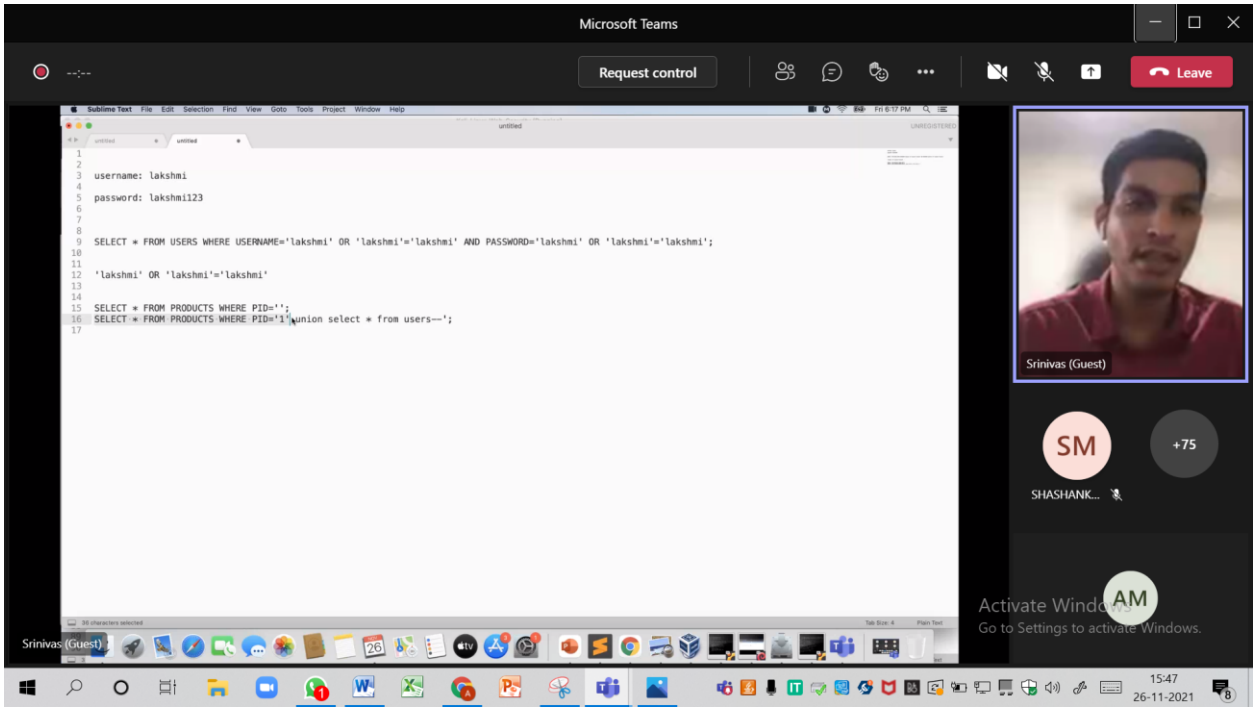
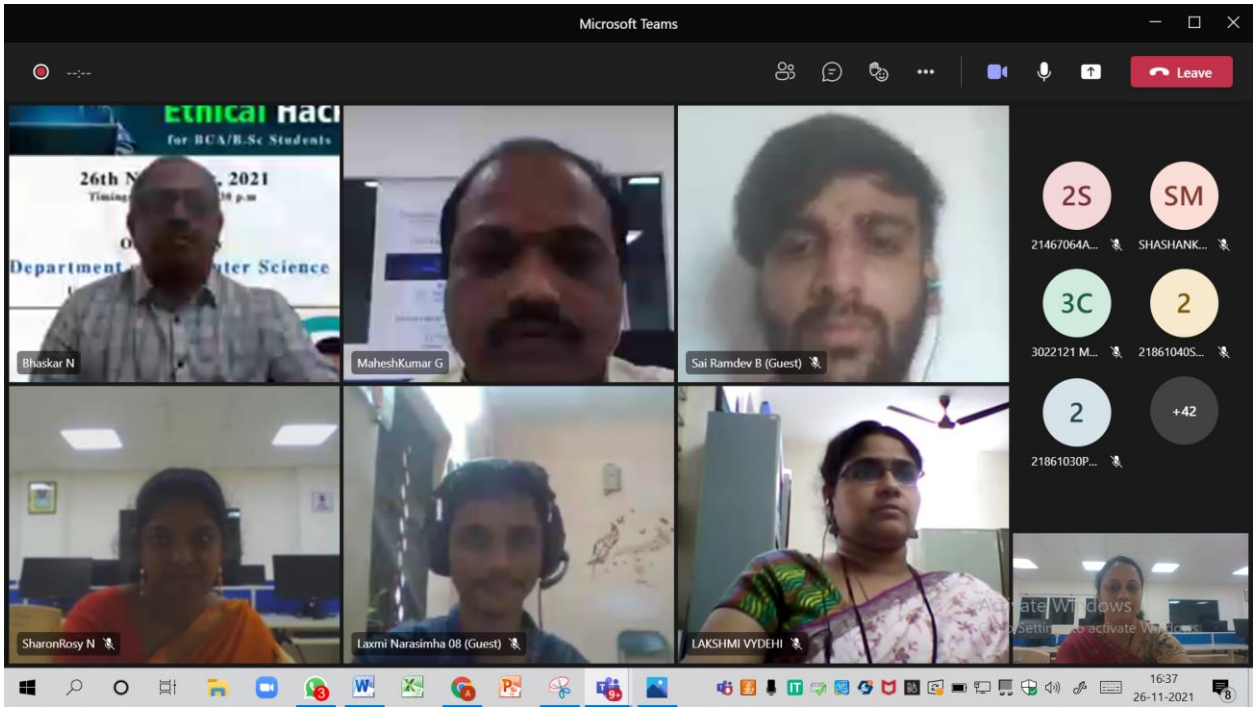


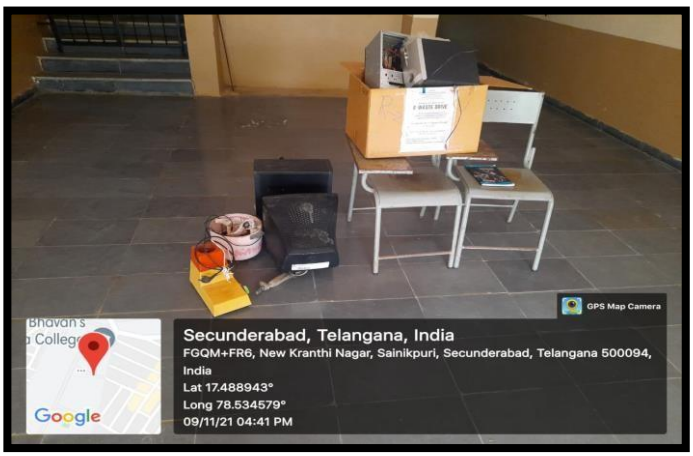


There were around 60 students who actively participated and interacted in the webinar. They also had their queries related to Ethical Hacking, clarified from the speaker. The session concluded with Mr. G Mahesh Kumar, Asst Professor, Dept. of Computer Science, proposing the Vote of Thanks.

REPORT ON E-WASTE DRIVE

The Department of Computer Science had initiated an **"E-WASTE DRIVE"** organized by the Fusion Tech Club under DBT-Star College Scheme from 1st November 2021 within the college to encourage and spread awareness among the students to collect, deposit and extend their support towards responsible e-waste disposal. The Green Campus Programme Cell, in collaboration with FusionTech, NCC, Abhyas Club, VOICE club and the greNergy club of the college had organized Waste Management Week, from 8thNov, 2021 - 12th Nov, 2021.

There were various events organized as part of this Awareness programme. An internal campaign within the college was organized on 8th Nov, 2021, physically and on social media. A Door to Door campaign in the Defence Colony society on 9th of November 2021 was taken up. Students from the Fusion Tech Club along with 150 NCC Cadets and other clubs had participated in spreading awareness about proper waste and E-waste disposal in the society. As part of the campaign there was a lot of E-waste collected from the society like discarded Television, Computer(CRT) Monitors, Motherboards, Battery cells, iPods, Headset/Earphones, Calculators, Cellular Phones, Screen Guards, Keyboards, Mice, Cables, Compact Discs (CDs), DVDs etc.



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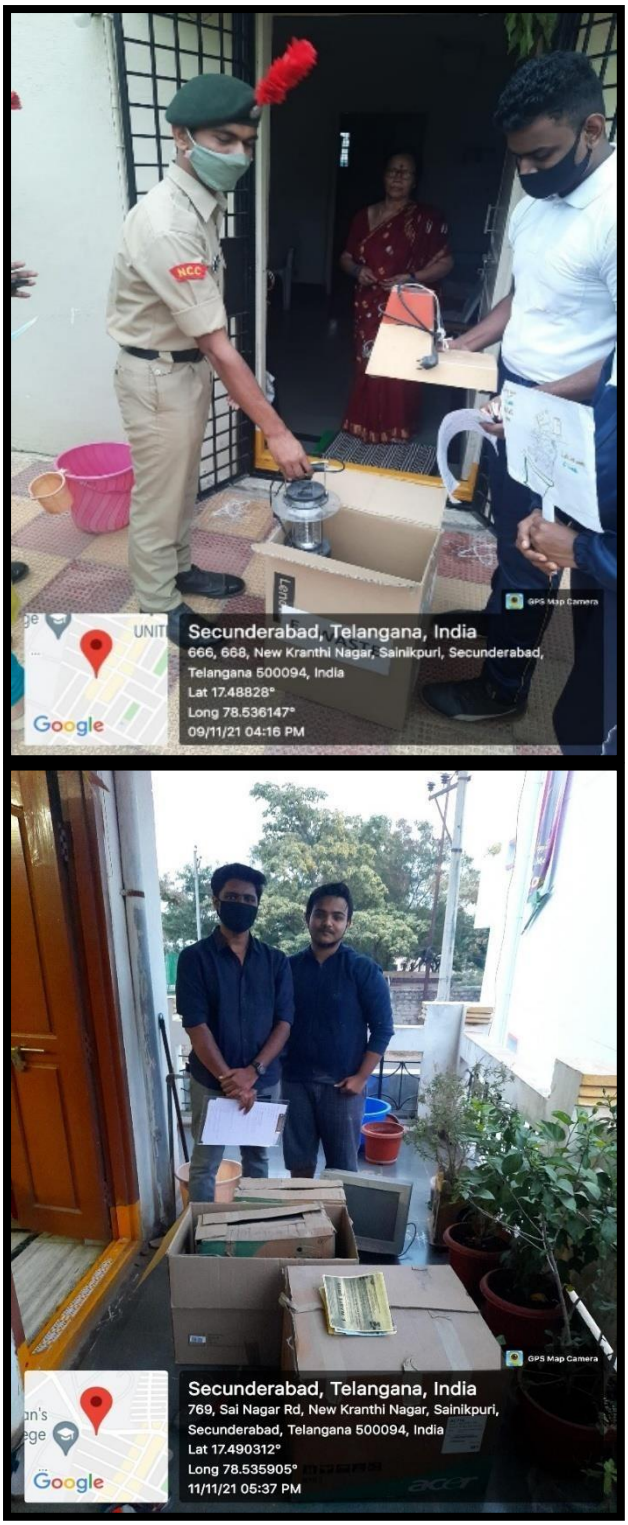
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AWARENESS RALLY

On 11th November 2021, the FusionTech Club along with NCC and Abhyas Club organized an **"WASTE MANAGEMENT AWARENESS RALLY"**. BCA II and III Year students along with more than 150 NCC Cadets, faculty members took active part in the rally. The E-waste awareness rally began from the college till Neredmet at 3:00PM displaying banners and shouting slogans, spreading awareness about environmental hazards of E-waste.

Bhavan's Vivekanand
Department Of Manageme
ABHYAS CLUB
BHAVAN'S VIVEKANANDA COLLEGE
E-WASTE DRIVE

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E-WASTE DR

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Department Of Management Studies
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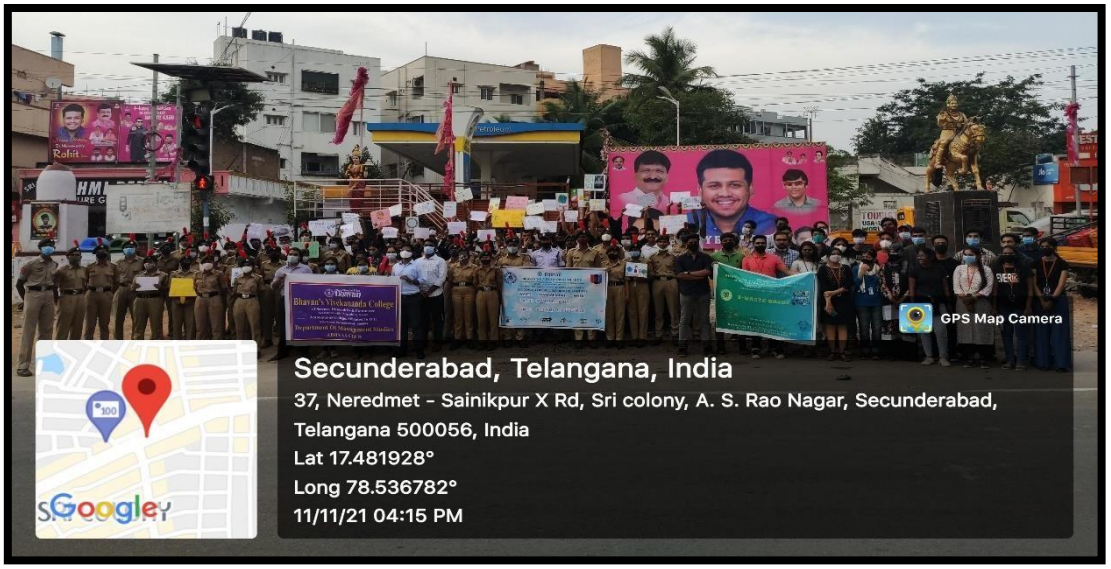
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VIVEK BHARATHI

E-WASTE TO BEST:

On 12th November 2021, The FusionTech Club organized **"E-WASTE- TO- BEST", an Art and Craft Exhibition cum Competition**, which gave an opportunity for the students to showcase their creative side in making the best out of the e-waste. The aim of the exhibition was to re-purpose the e-waste into something new. The judge for the event was Dr K V Padmaja, an Agri-Envrionmental Scientist, who appreciated the efforts and creativity put in by the students in making their exhibits/models.

Winners for the event were decided by the Judge and were felicitated by mementoes on the valedictory.

There were around 26 students in 12 teams who participated from various streams.

SAVE ELECTRICITY
E-WASTE DRIVE
SCIENCE BLOCK
Bhavan's Vivekananda College
DEPARTMENT OF COMPUTER SCIENCE
Fusion Tech
BCAyable

SAVE ELECTRICITY
E-WASTE DRIVE
SCIENCE BLOCK
Bhavan's Vivekananda College
DEPARTMENT OF COMPUTER SCIENCE
Fusion Tech
BCAyable

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E-WASTE

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CAUVERY ENTERPRISES
E-WASTE

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Bhavan's Vivekananda College
Department Of Management Studies
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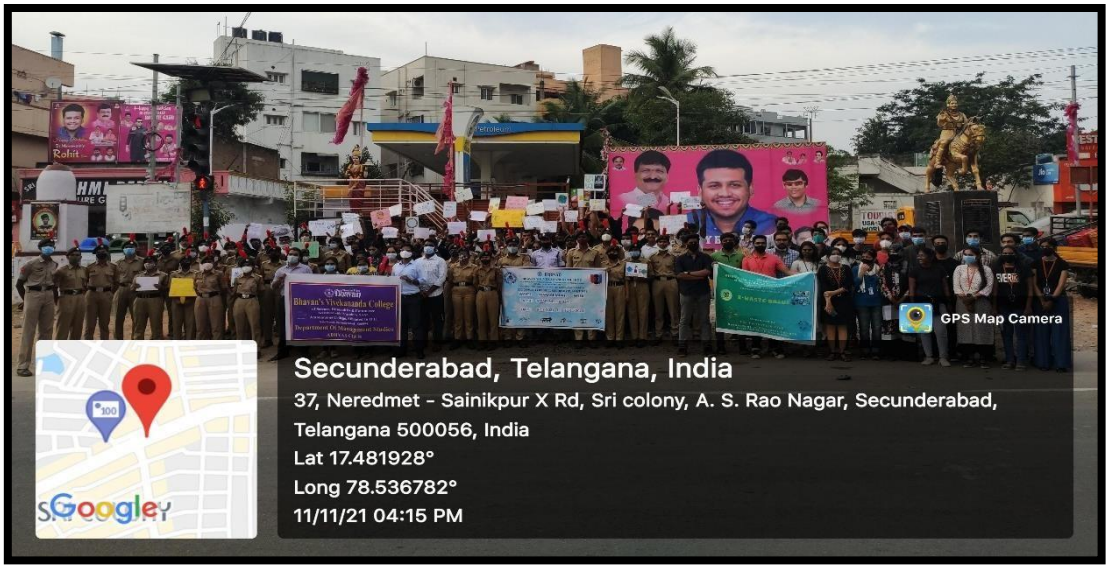
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VIVEK BHARATHI

Report on Cyber Security Webinar

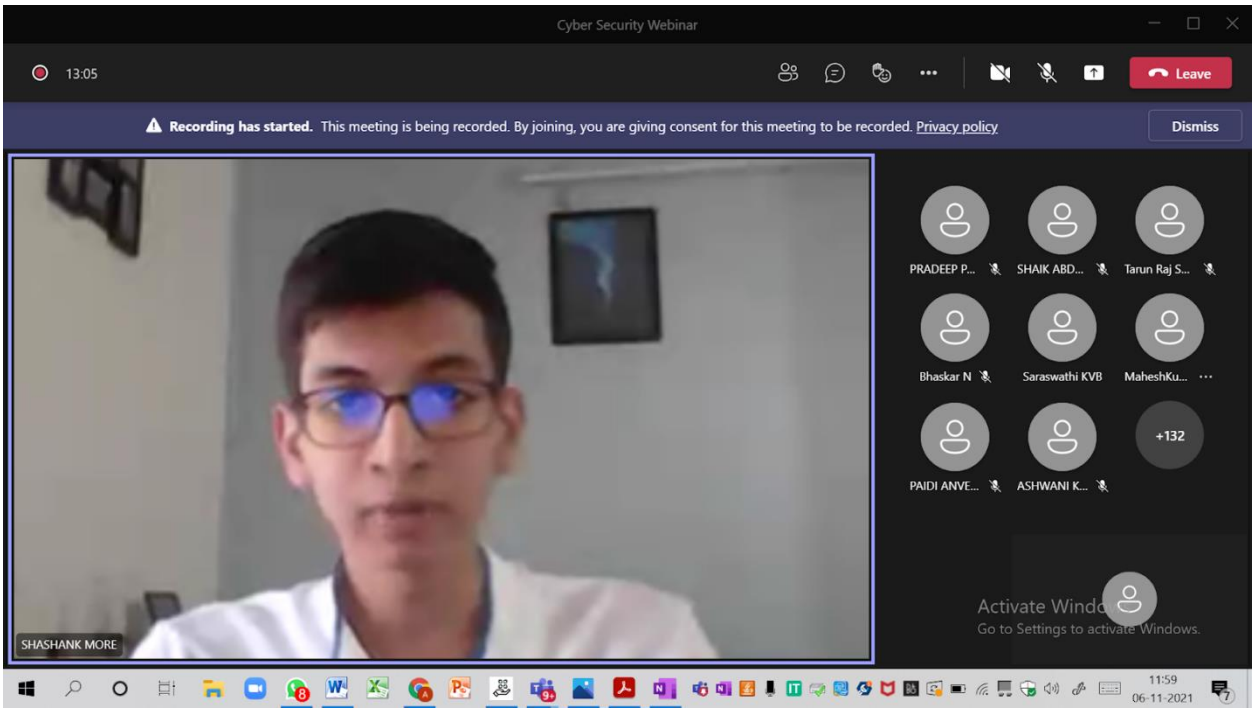
Report on Cyber Security Webinar – 6th November, 2021

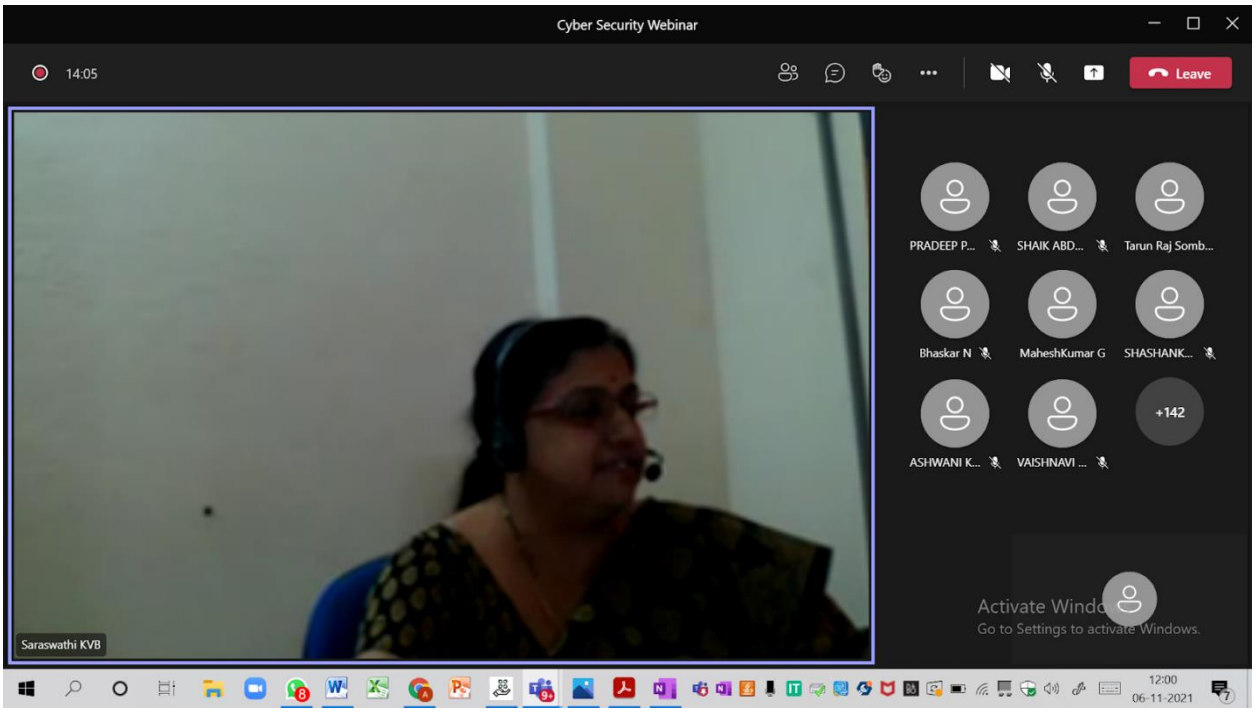
A webinar on **Cyber Security** was organized by the department of Computer Science under the DBT- Star College Scheme, on the 6th November, 2021. The speakers invited for the session was Mr S Tarun Raj, Senior Security Analyst, Stefanini India Pvt. Ltd., Hyderabad, and Mr N Prithvi Raj, Senior Security Analyst, Stefanini India Pvt. Ltd., Hyderabad. Mr S Tarun Raj is also the alumni of the BCA programme from our college.

The webinar began at 12:00 p.m. with the welcome address given by Mrs KVB Saraswathi, Head, Department of Computer Science. The session was taken over by Mr. Prithvi Raj and MrTarun Raj who started with stating the need of the Internet in the modern era, Importance of Cyber Security, the top 10 OWASP (Open Web Applications Security Project). They also highlighted on the types of threats to security, causes of phishing, differences between surface web, dark web, deep web etc. The session also included a local demo of how phishing is done.

The session was very informative and knowledgeable with students interacting with the speakers and clarifying questions on what kind of courses and certifications would help them pursue a better career in the field of Cyber Security.

The session concluded with the vote of thanks proposed by Mr. G Mahesh Kumar, Assistant Professor, Department of Computer Science and BCA Programme Coordinator, thanking the speakers and the audience for their active participation. There were a total of 205 participants including faculty and students of various streams for the webinar.

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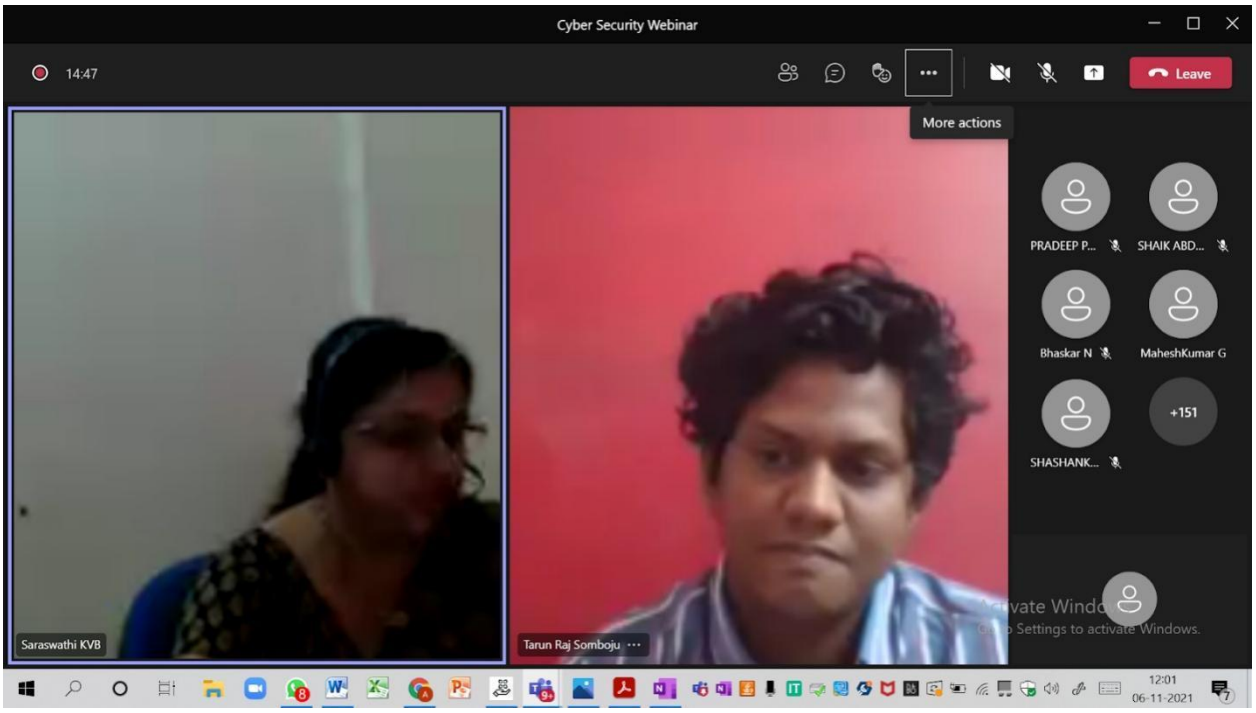
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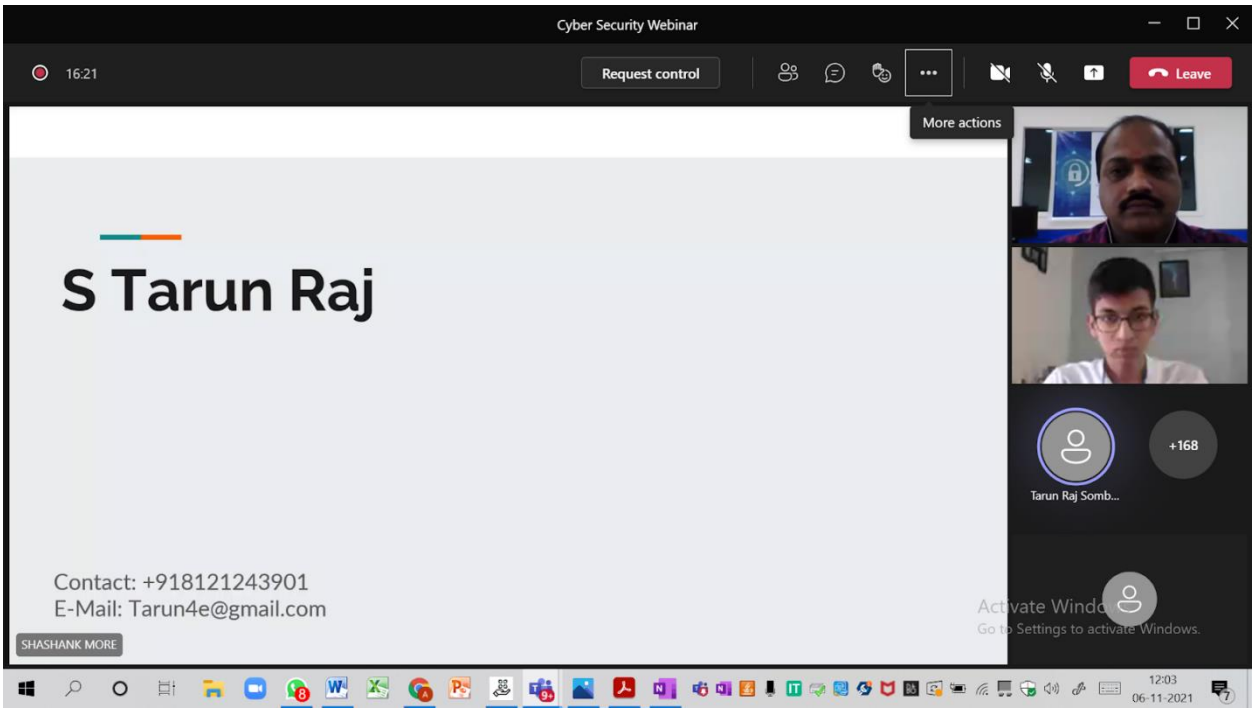
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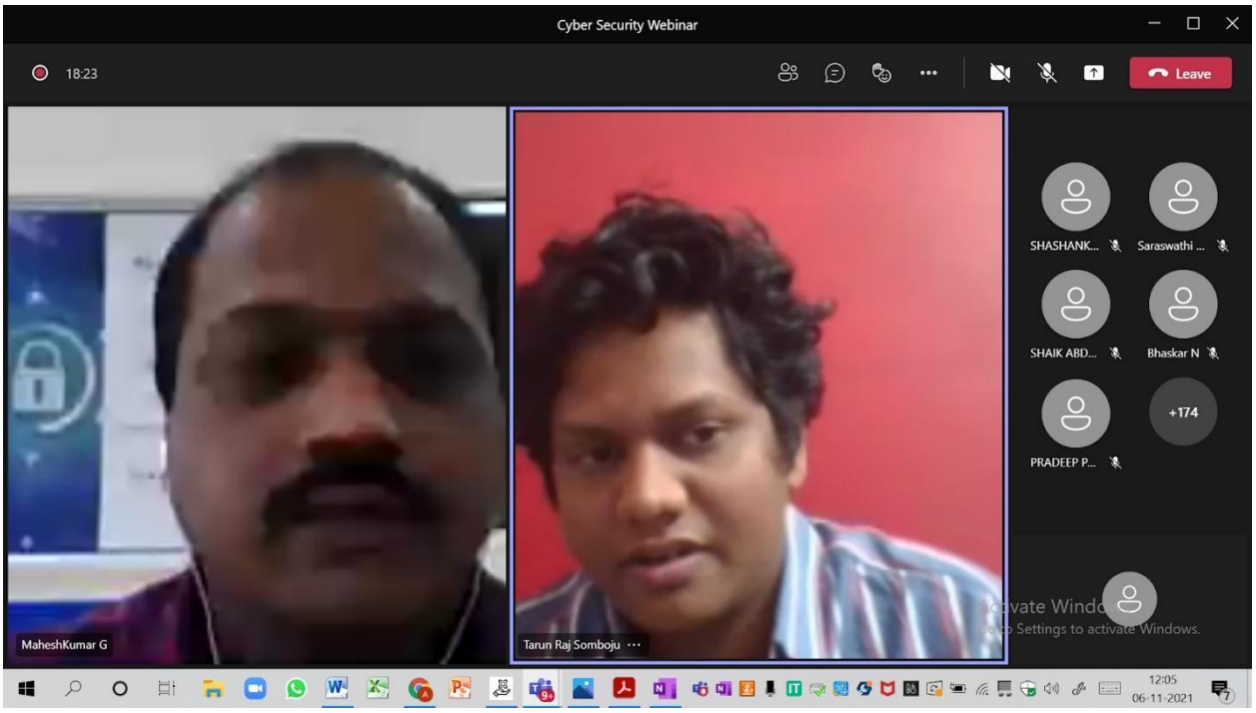
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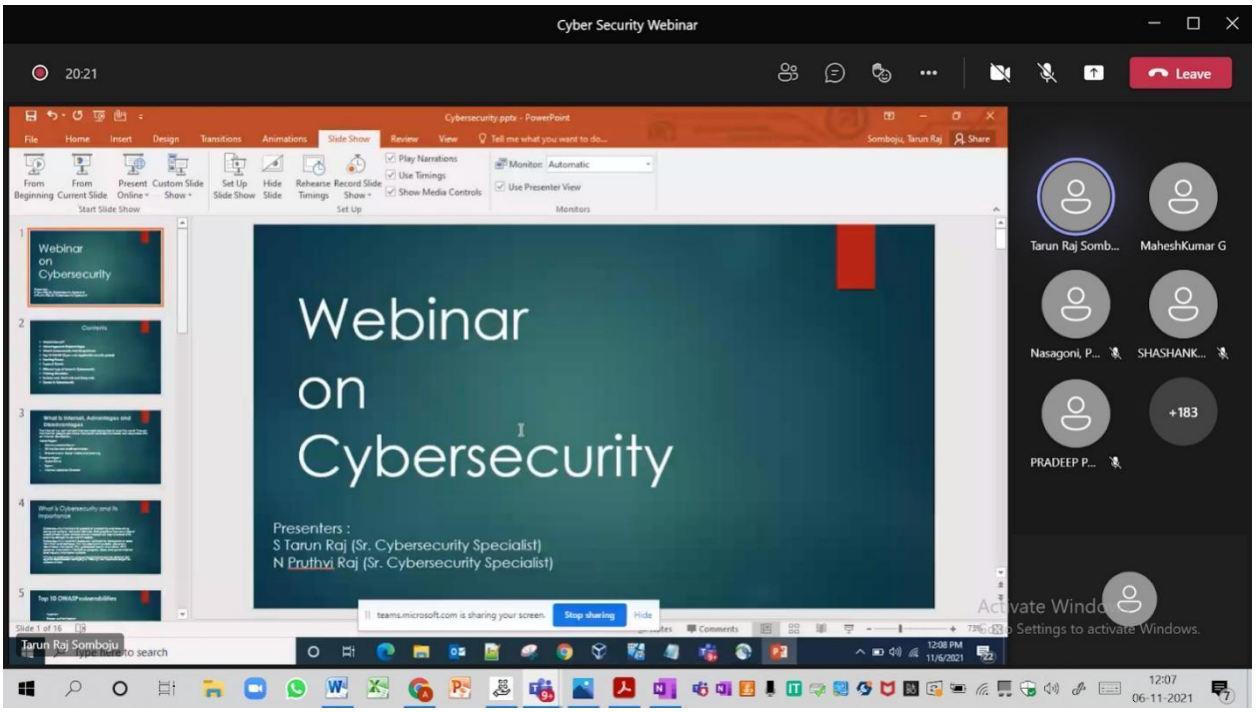
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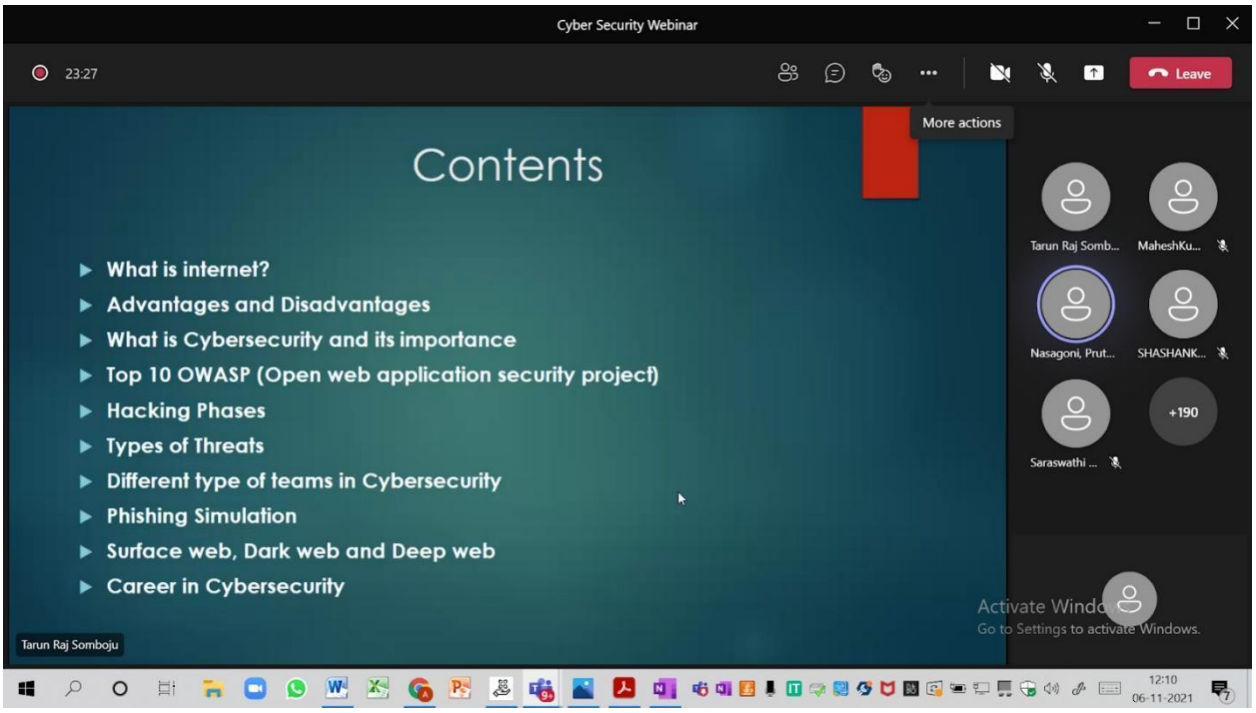
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Advantages and Disadvantages
What is Cybersecurity and its importance
Top 10 OWASP (Open web application security project)
Hacking Phases
Types of Threats
Different type of teams in Cybersecurity
Phishing Simulation
Surface web, Dark web and Deep web
Career in Cybersecurity
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Nasagoni, Prut...
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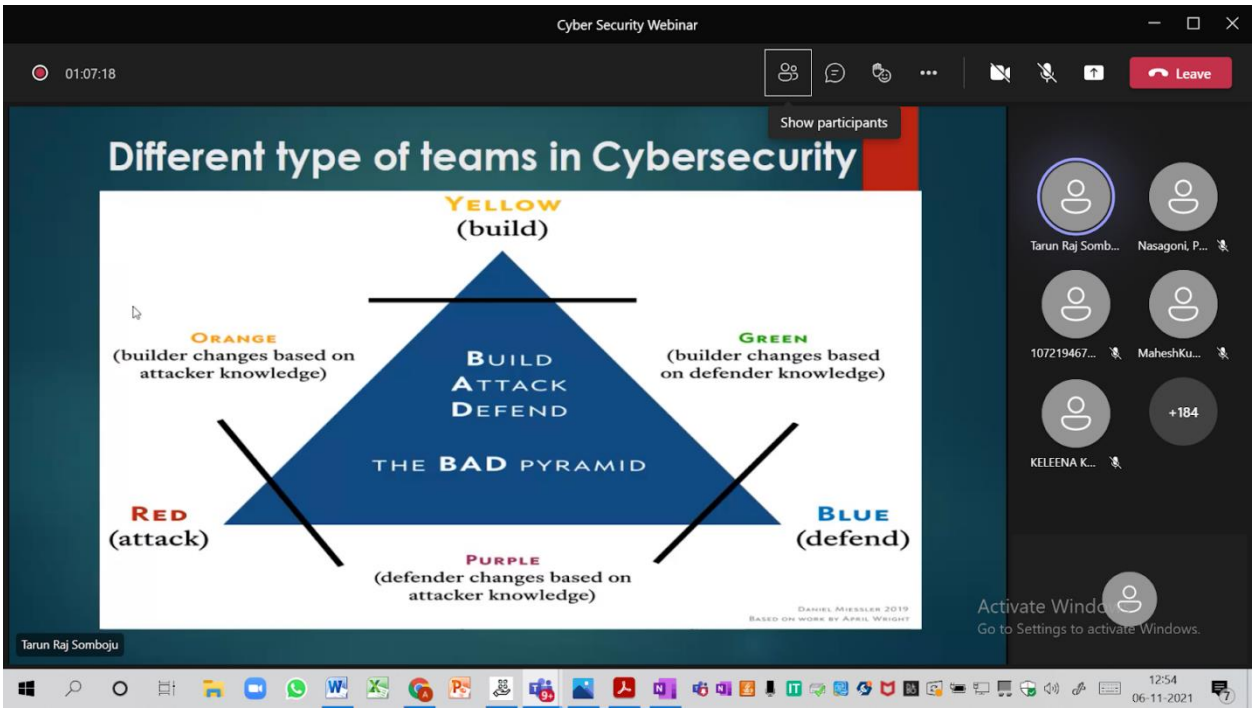
Cyber Security Webinar
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Different type of teams in Cybersecurity
YELLOW
(build)
ORANGE
(builder changes based on attacker knowledge)
GREEN
(builder changes based on defender knowledge)
BUILD
ATTACK
DEFEND
THE BAD PYRAMID
RED
(attack)
BLUE
(defend)
PURPLE
(defender changes based on attacker knowledge)
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Tarun Raj Somboju
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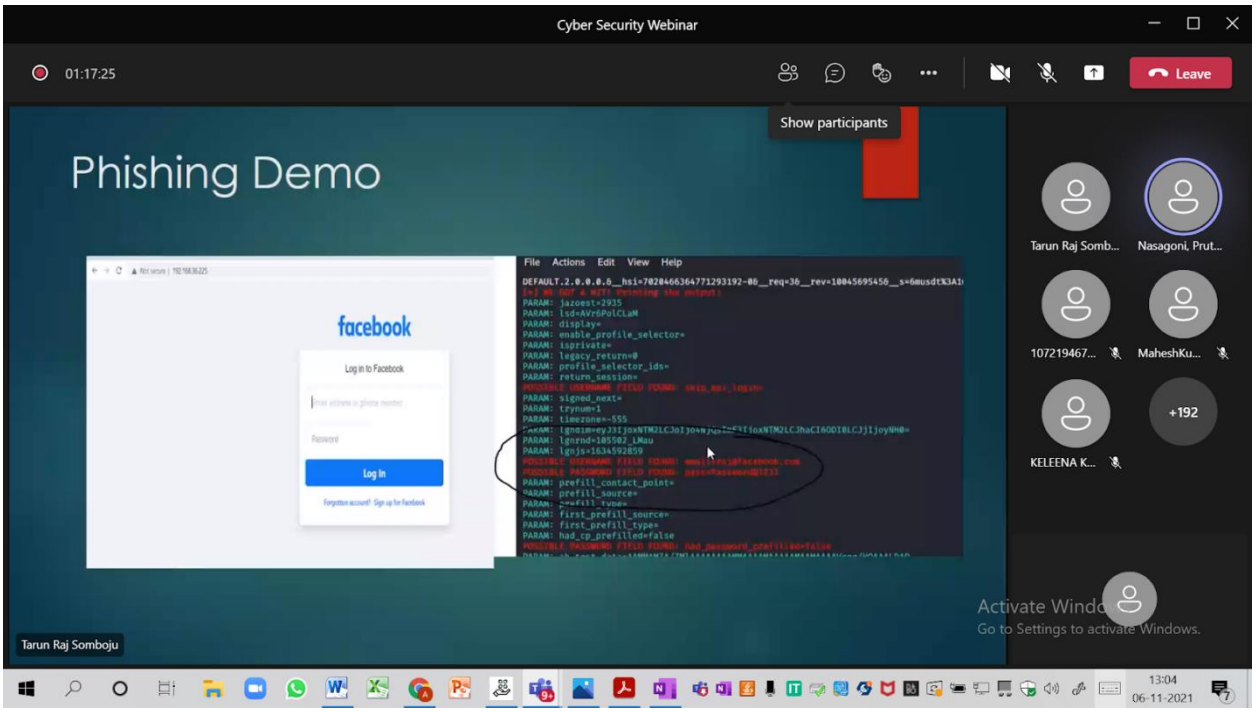
06-11-2021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06-11-2021

Cyber Security Webinar
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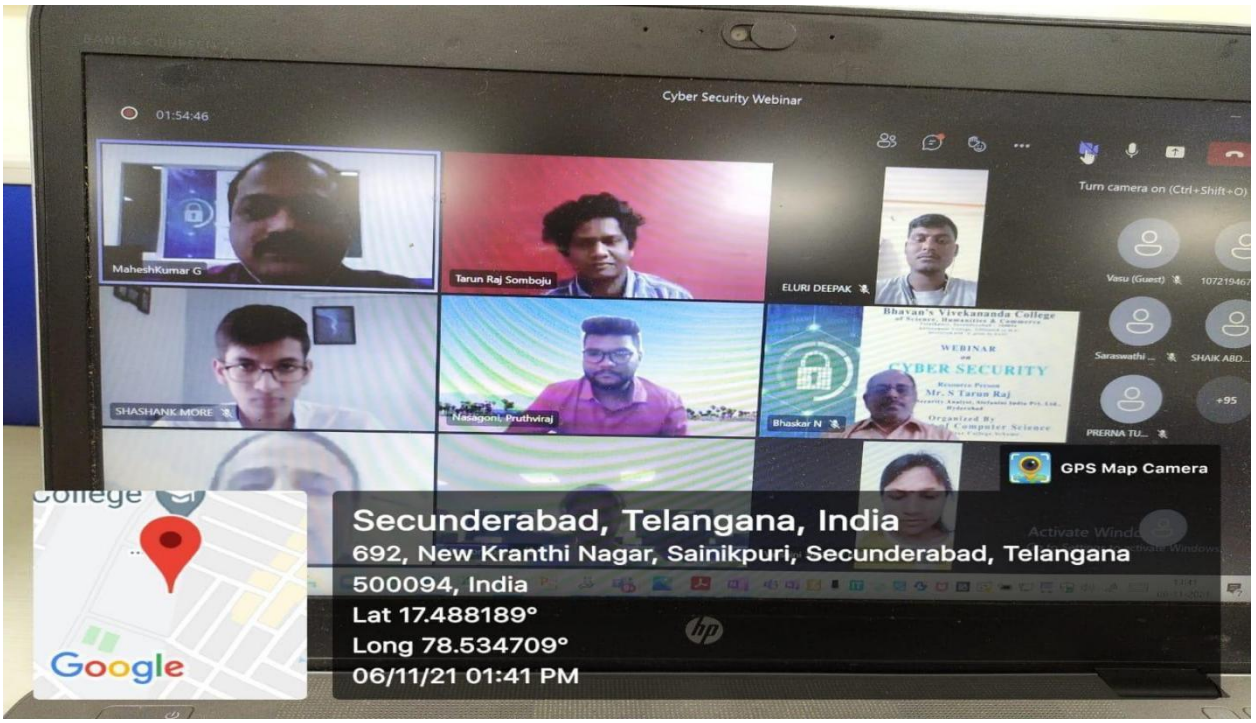
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SHASHANK MORE
Nasagoni Pruthviraj
Bhaskar N
WEBINAR
CYBER SECURITY
GPS Map Camera
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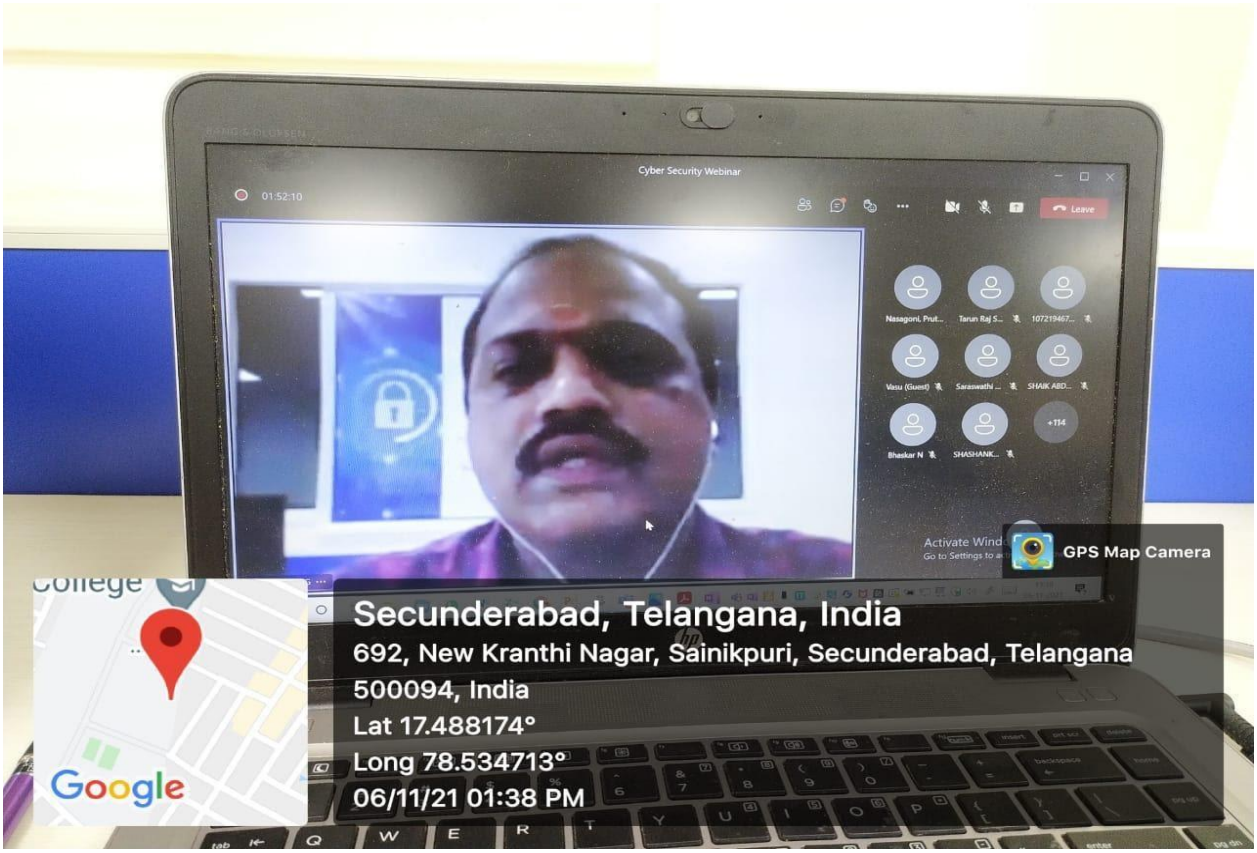
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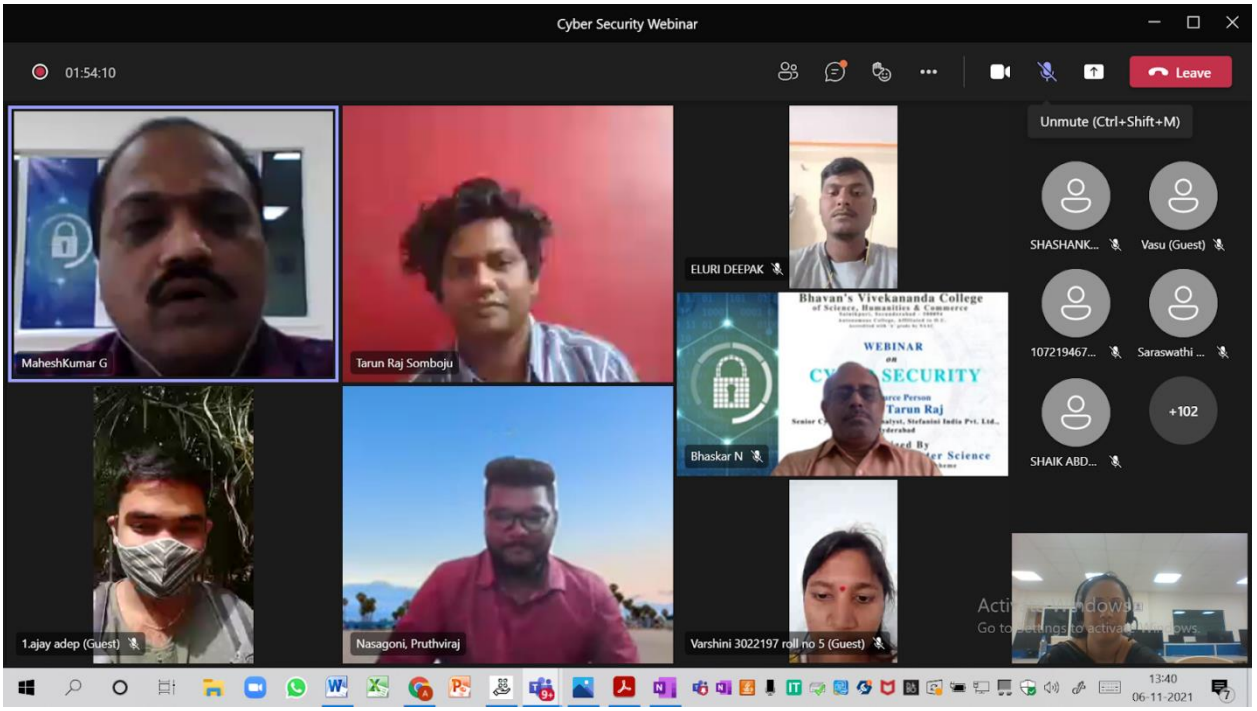
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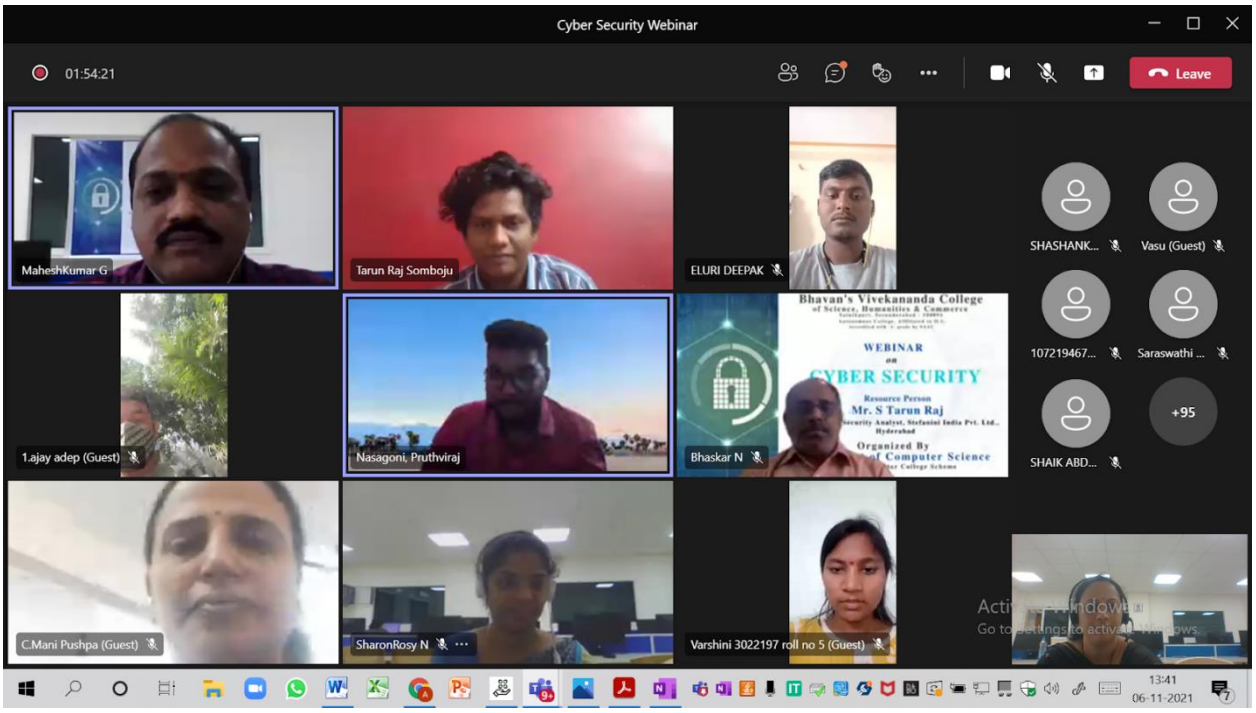
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Bhaskar N
Bhavan's Vivekananda College
of Science, Humanities & Commerce
WEBINAR
on
CYBER SECURITY
Resource Person
Mr. S Tarun Raj
Organized By
C.Mani Pushpa (Guest)
SharonRosy N
Varshini 3022197 roll no 5 (Guest)
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06-11-2021

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Department of Computer Science

Webinar on " SERVICE MANAGEMENT AND SERVICENOW"

Department of Computer Science had organized a webinar on "Service Management and ServiceNow" under DBT-Star College Scheme on 30-OCT-2021 from 3:00 P.M. to 4:30 P.M. for both BSC & BCA students.

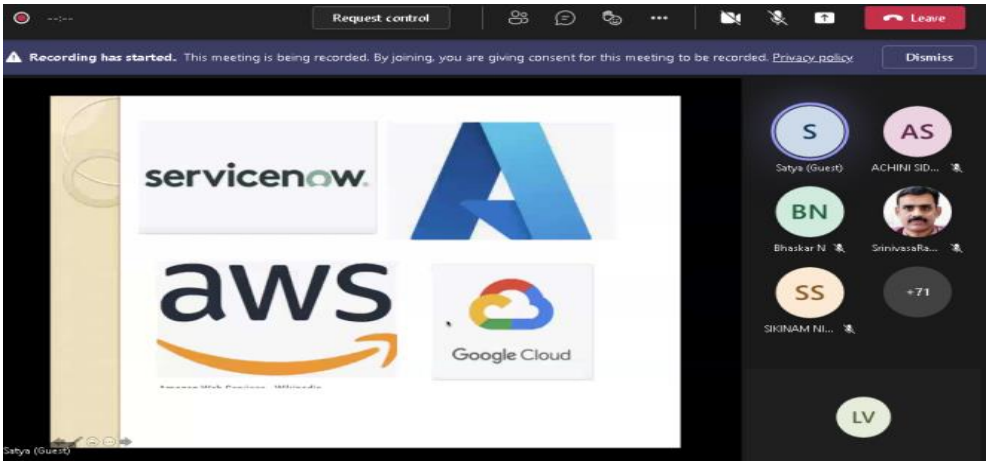
Total number of participants: 78.

Resource person: Mr.Y. SATYA KIRAN KUMAR
(Vice President, ITSM and Cloud Computing, Deutsche Bank.)

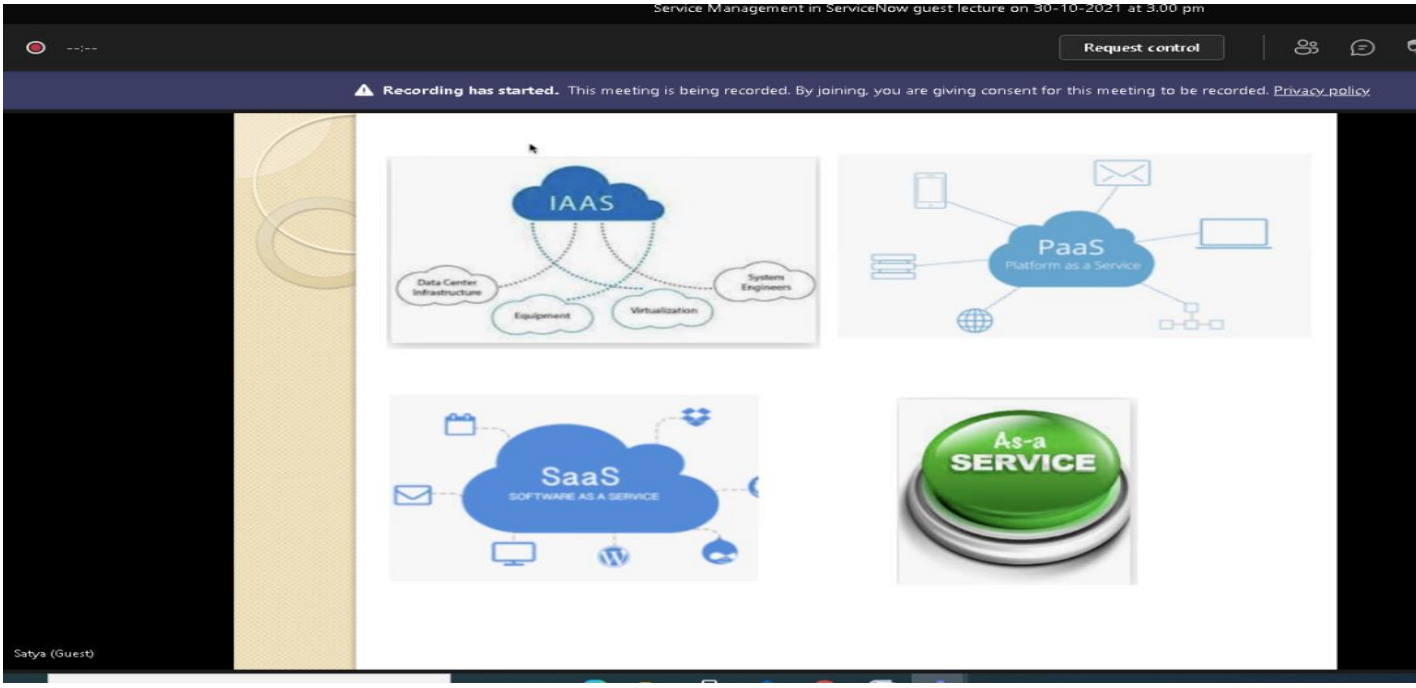
The topics covered were:

Service Management and ServiceNow: -

Service Now –is a service that is a support for the Organizations to use the AWS, Azure, Google Cloud.



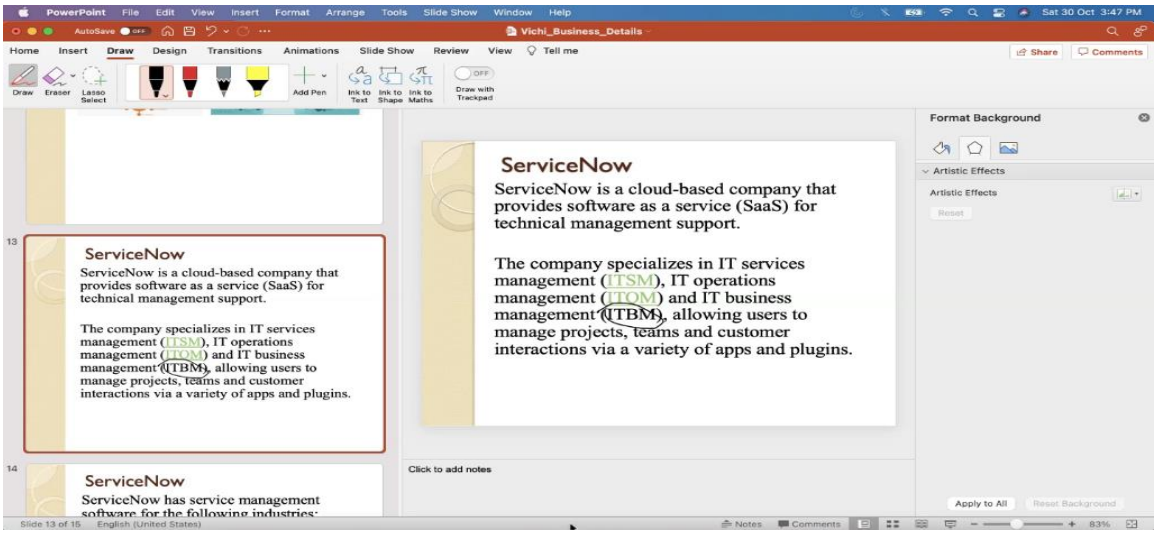
Services can be as a – Infrastructure as a service
Platform as a Service
Software as a Service
Service as a Service



It is a company which provide with the IT service management.

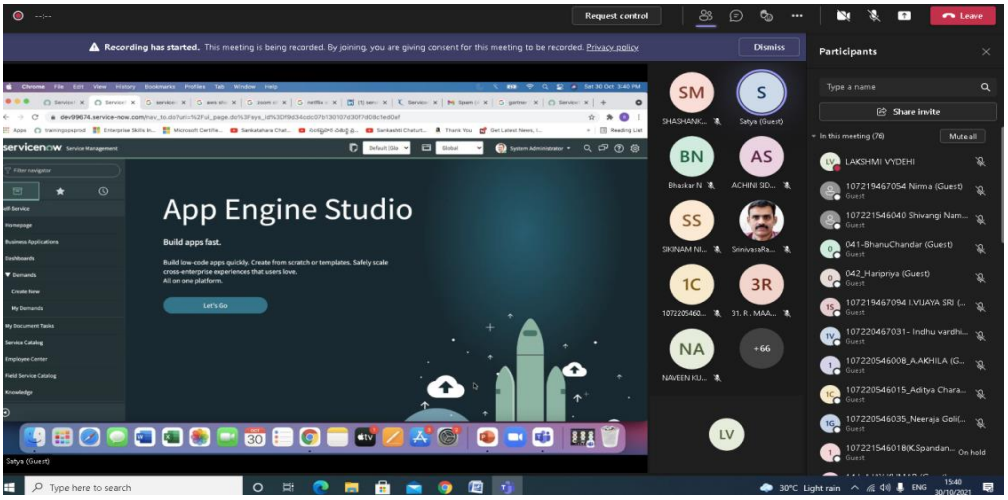
It is an Application Software.

It executes on Cloud; no Downloading or Running time required



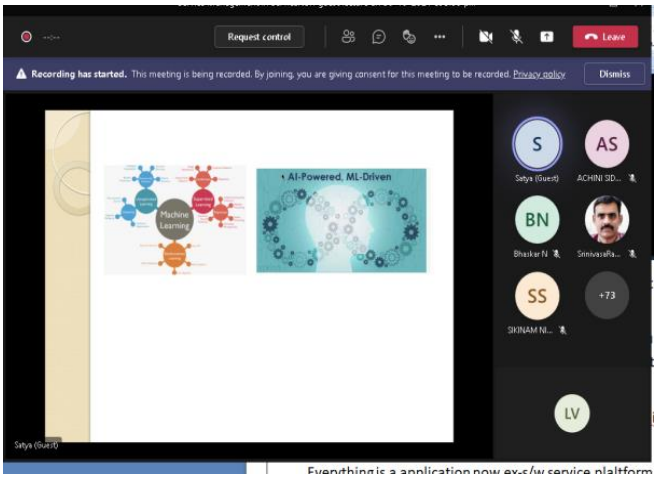
It is a Paid service. They provide us with the URL with which we can use directly.

It is a ready to use software.



It uses AI, ML for developing applications, to integrate machines with other products.

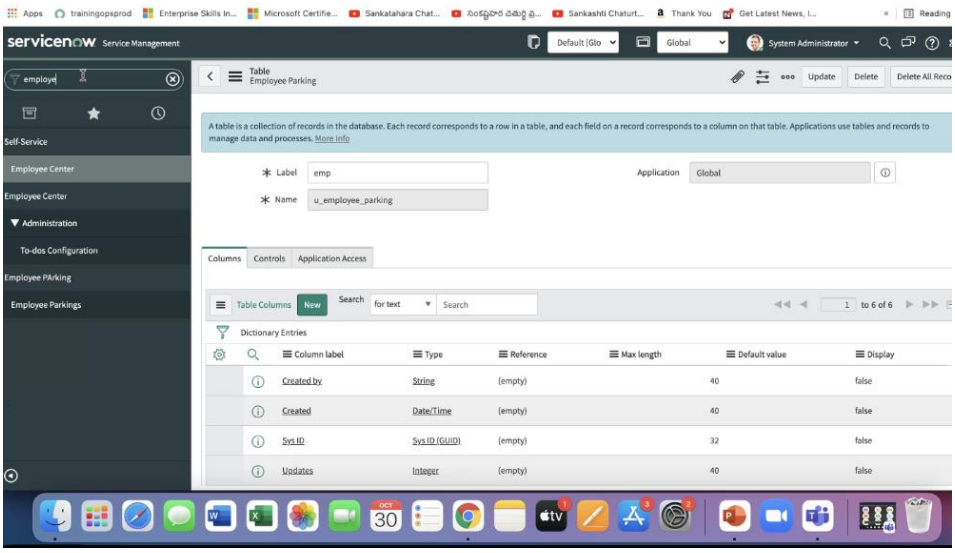
Ex: Build a machine in AWS, Google Cloud, FB,Whats App.

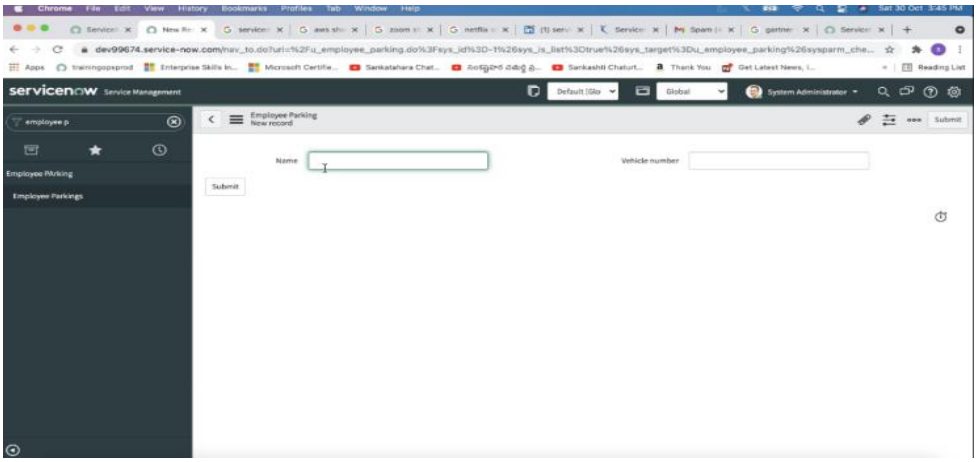


It allows the company to use their Applications.ex-Incidents

We can create our own customised Application on their platform.

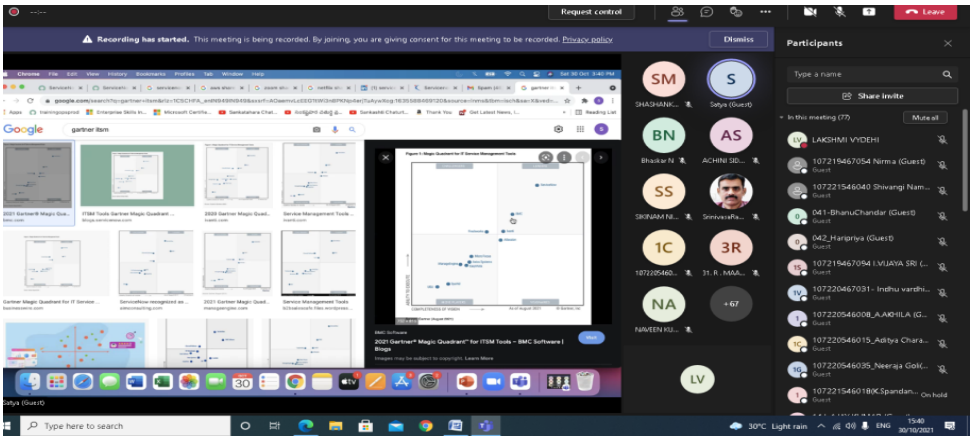
It is not only restricted to IT; but also it does Non -IT related services ex-Employee Parking



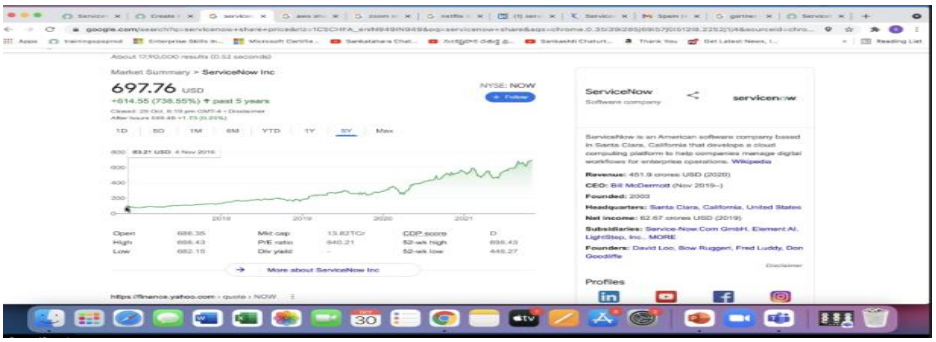


It also has free Application support for users.

- Software Ranking Company:-Gartner ITSM



- Growth of ServiceNow in 2021:



- **Security:**

  It has its own credentials to login. Any Unauthorized user we can get a SMS, email –to Administrator.

- **Maintenance:**
  It uses ML, AI for the products and in case of technical issues they will contact the technical department.

Ex:-Amazon Dash:-it will help to raise a complaint by pressing the button to the Technical team.

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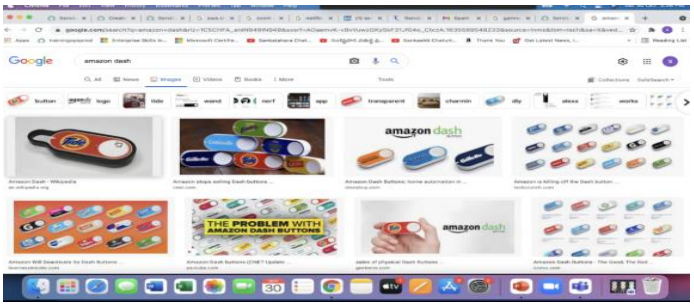
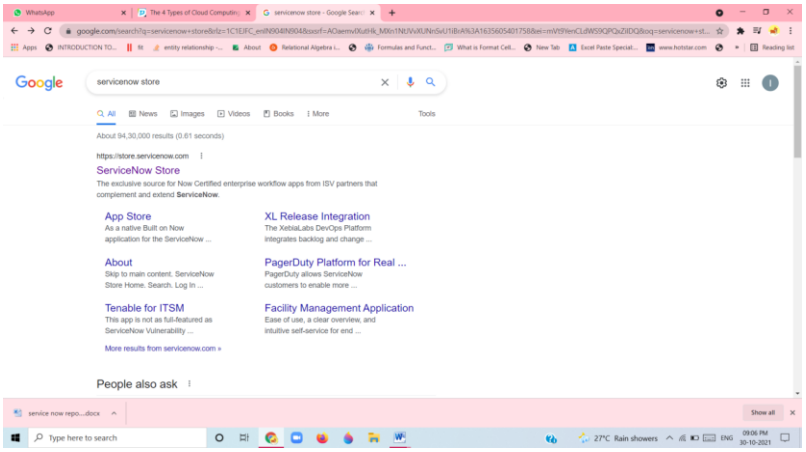
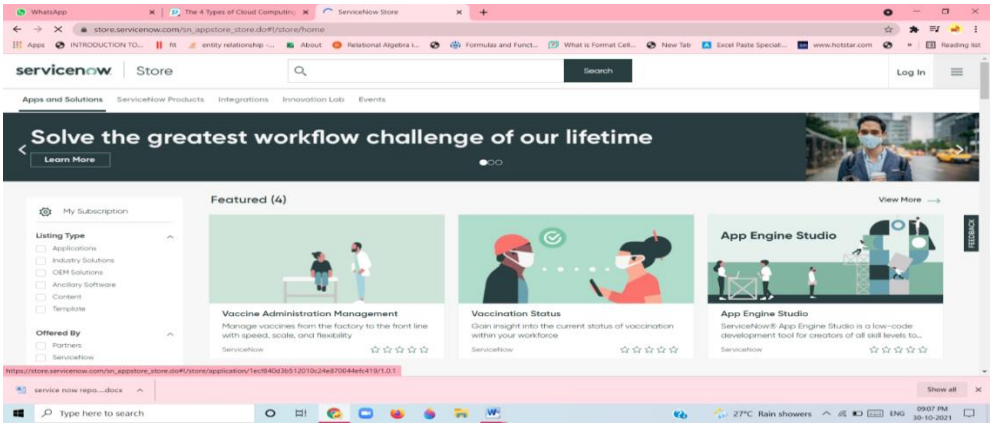


It also has its own store service Now store.

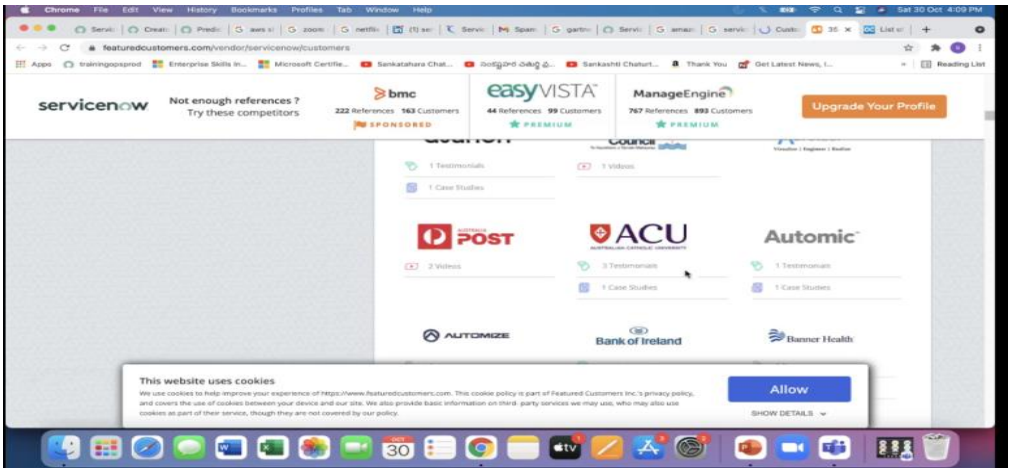


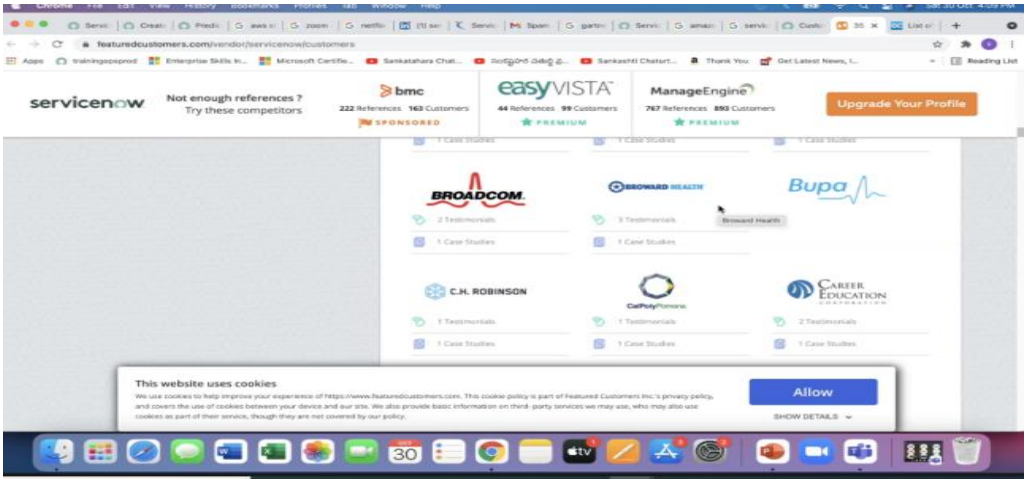


It is a one centralized application using which we can interact with any other application.

Ex:-McDonalds has been built on Service Now platform.

Companies using ServiceNow Globally





Requirement for Freshers:-

1.Tools& Technologies for Service Now

1.How to use the tools and product management Apps

2.Cloud Computing.

3.BackEnd –Web technologies,jscript,css,html ,Angular

4.DB

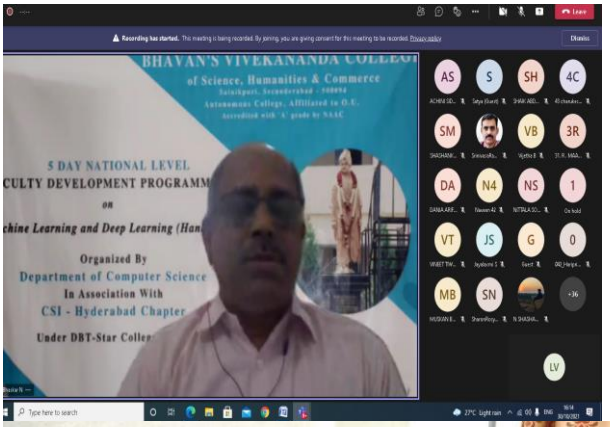
5. How to navigate & use the product worldwide.(Understanding the tools where and when to use the tool)

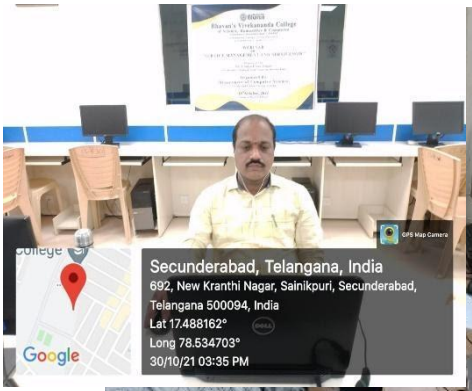
Min 3-6 months Knowledge will help for better job Opportunities

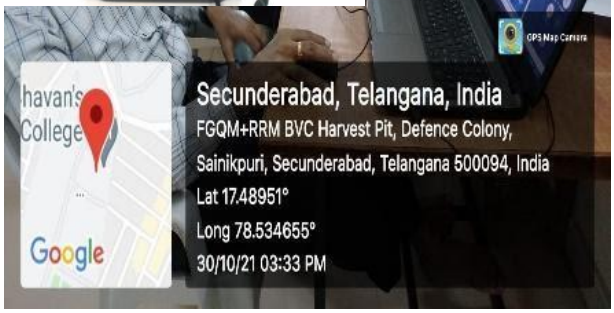
2.Domain Knowledge:-

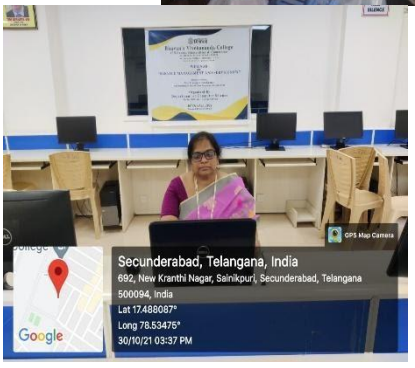
Basic Domain Knowledge-ie their roles and responsibilities.

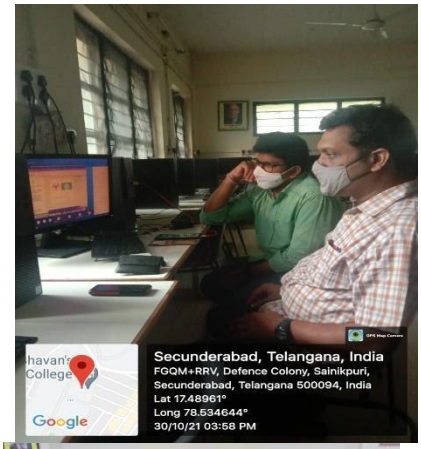
Vote of Thanks given by :-Mr.N.Bhaskar (Lecturer in Computer Science Department)







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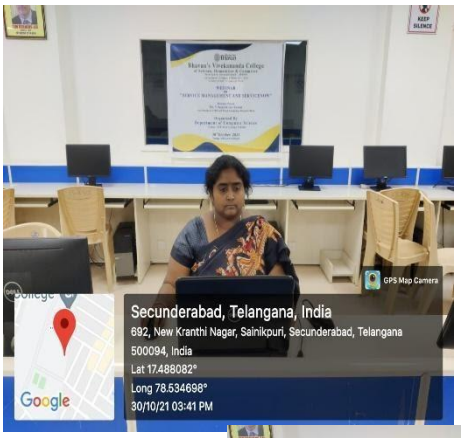
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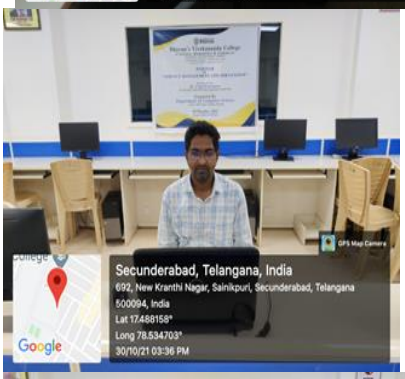
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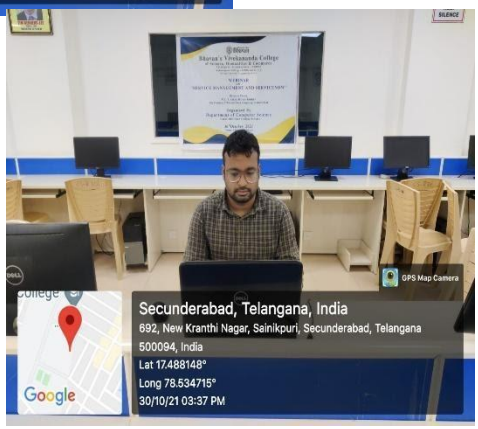
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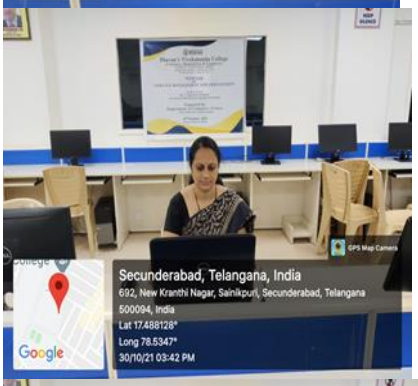
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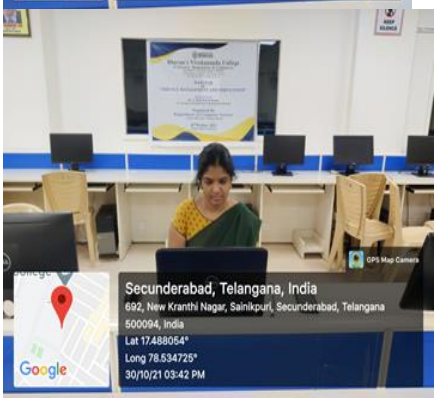
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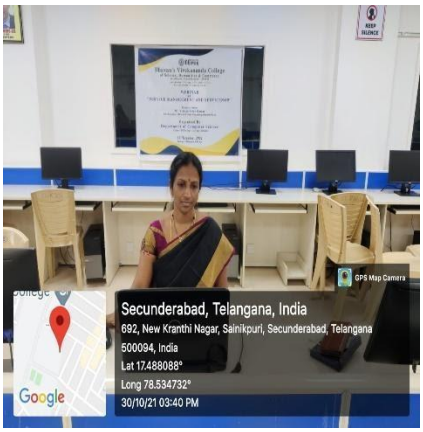

Webinar was very informative and received very positive feedback from students.

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Department of Computer Science

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Mr. N. Bhaskar
9347983943
Ms. S. Jayalaxmi
9989440261

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Report on 2 Day Webinar on

" Real –Time Applications on Digital Image Processing

and Network Security Applications

Using Deep Learning Tools with Matlab"

4th &5th October, 2021

(Under DBT-Star College Scheme)

The Department of Computer Science organized **a 2 Day Webinar on " Real –Time Applications on Digital Image Processing and Network Security Applications Using Deep Learning Tools with Matlab" on** 4th &5th October, 2021 online, through ZOOM platform

Day 1(4.10.2021)- Report

Mrs K Padma Priya, Lecturer, Department of Computer Science, welcomed Mrs K.V.B. Saraswathi, Head, Dept of Computer Science, guests and all the participants. She briefed on the purpose of the webinar, thanked DBT STAR College Scheme for permitting and organizing various Seminars/ FDP /Conferences and wished the gathering a happy learning experience.

Mrs K. V. B.Saraswathi, welcomed the attendees and briefed on the topics to be covered in the 2 day Webinar and shared that there were 206 people who registered for the webinar.

Mr N Bhaskar, Lecturer, Department of Computer Science introduced the speaker for the webinar **Mr. K. Kalyan Kumar, Senior project Engineer, DSP, Pantech Solutions Pvt. Ltd, Hyderabad.**

Describing various types of Images, types, formats of image, he gave a comprehensive explanation on Image Processing Techniques

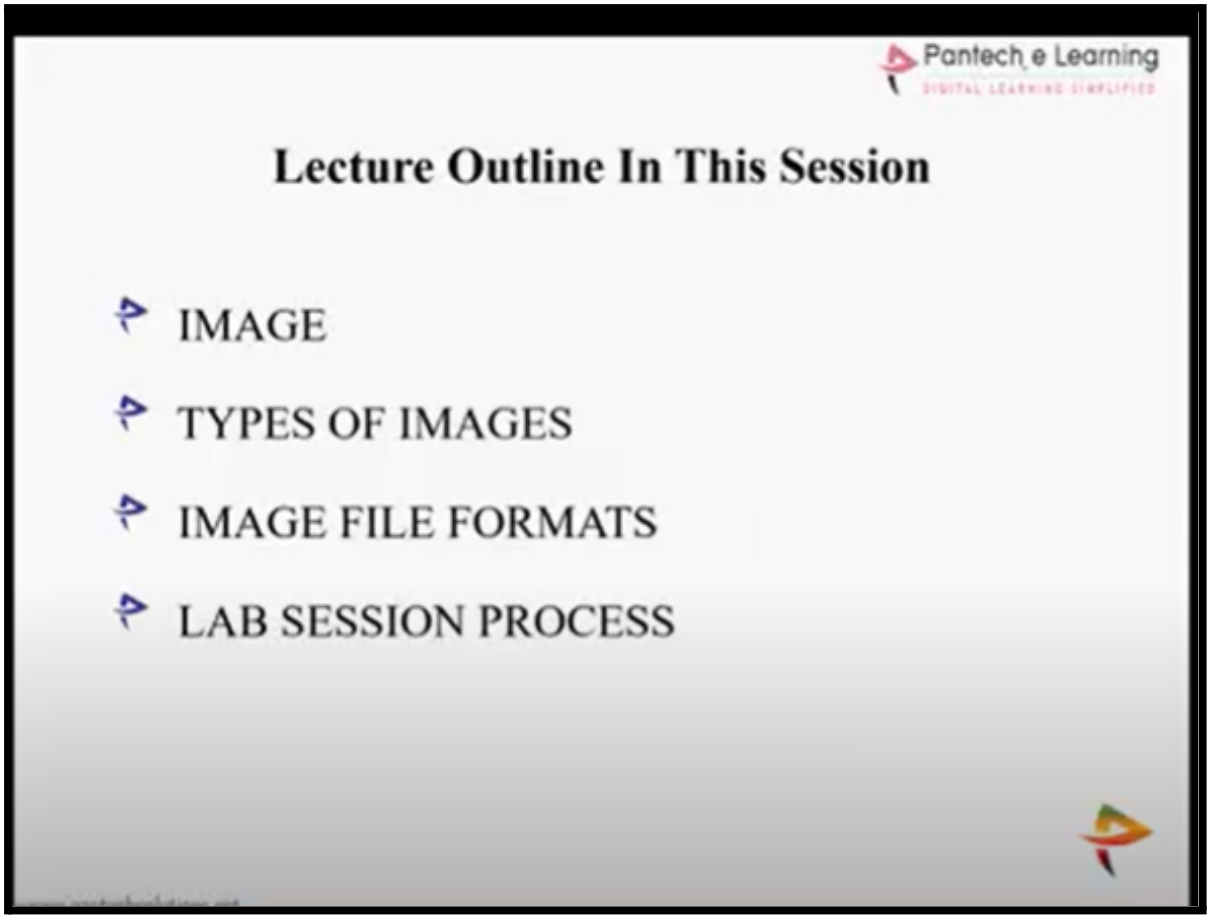

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Image Processing Technologies

- Recognition
- Segmentation
- Enhancement
- Classification
- Image Retrieval
- Noise Removal
- Steganography
- Watermarking
- Fusion
- Edge Detection

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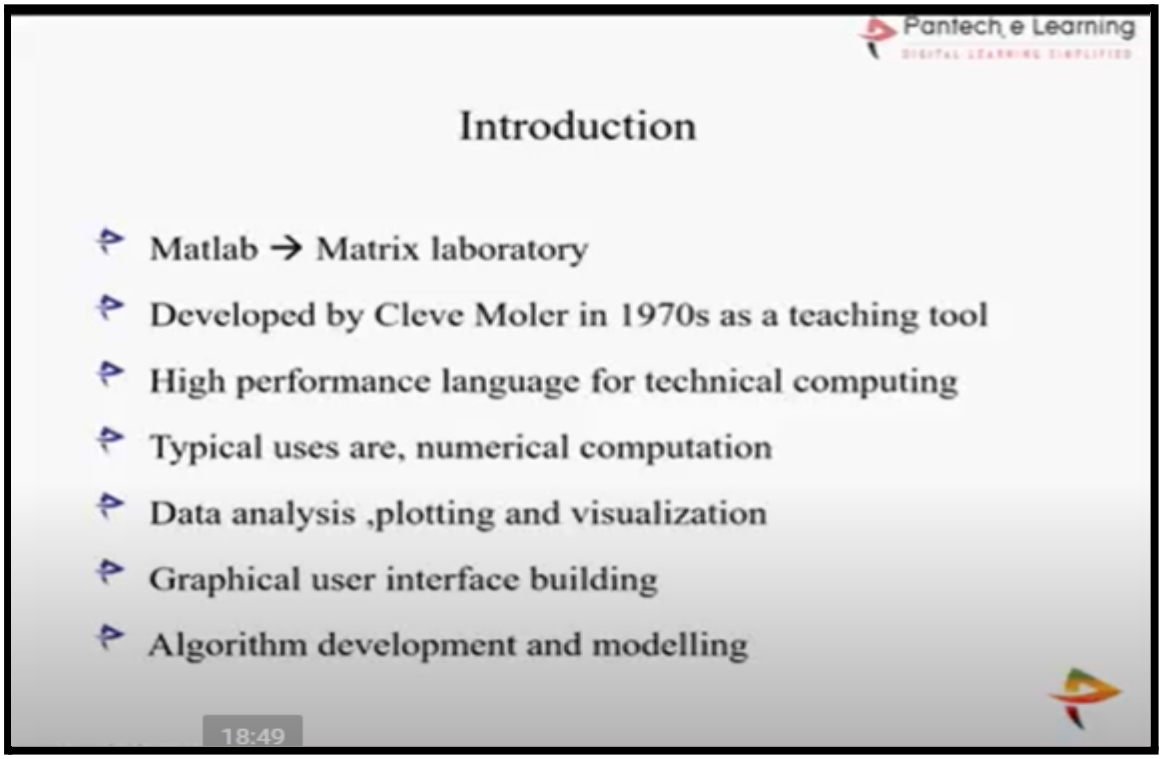
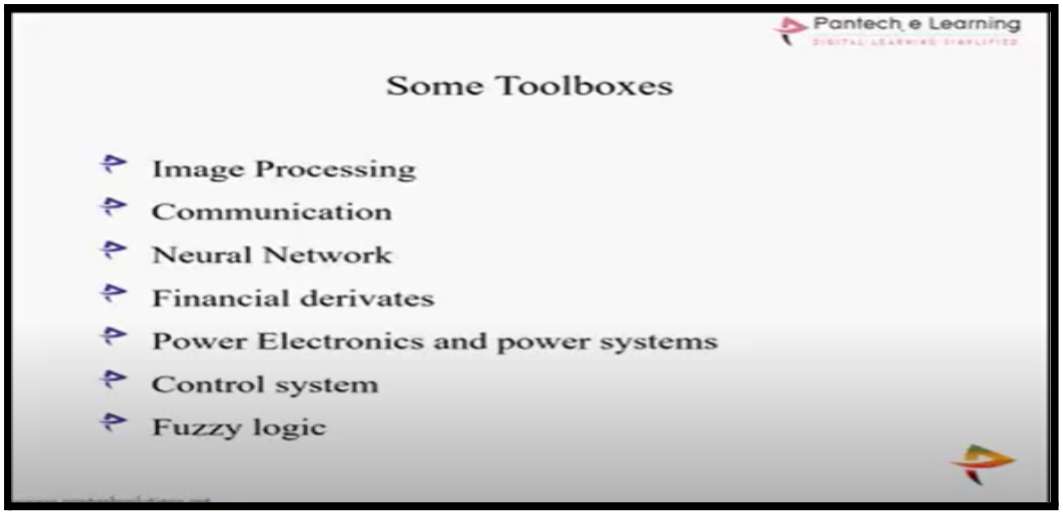
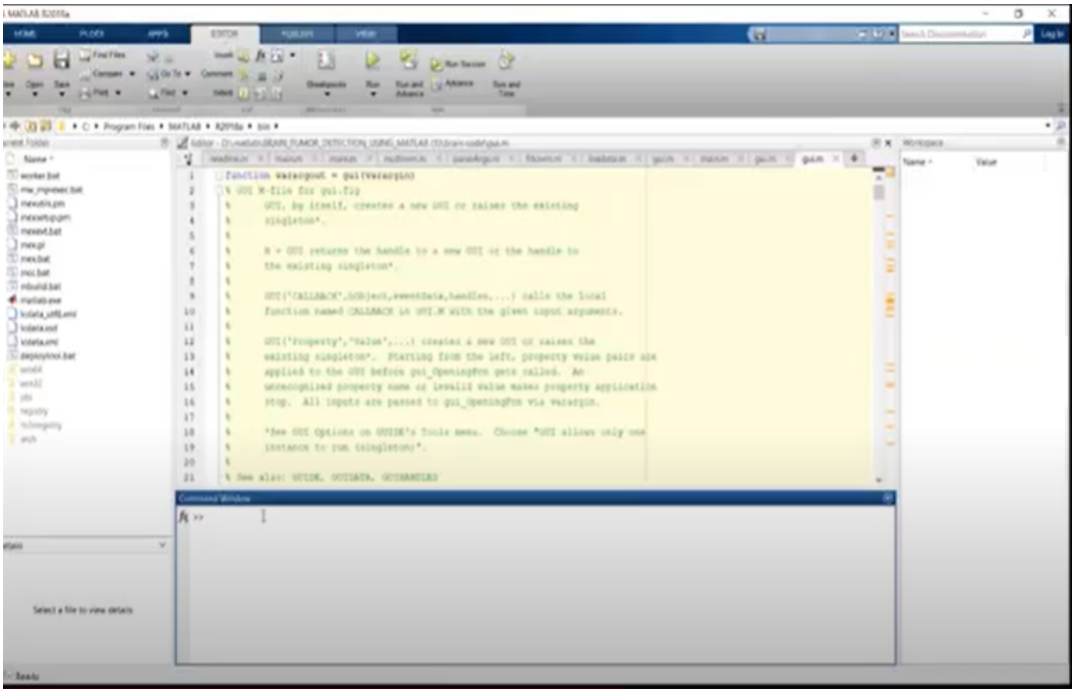
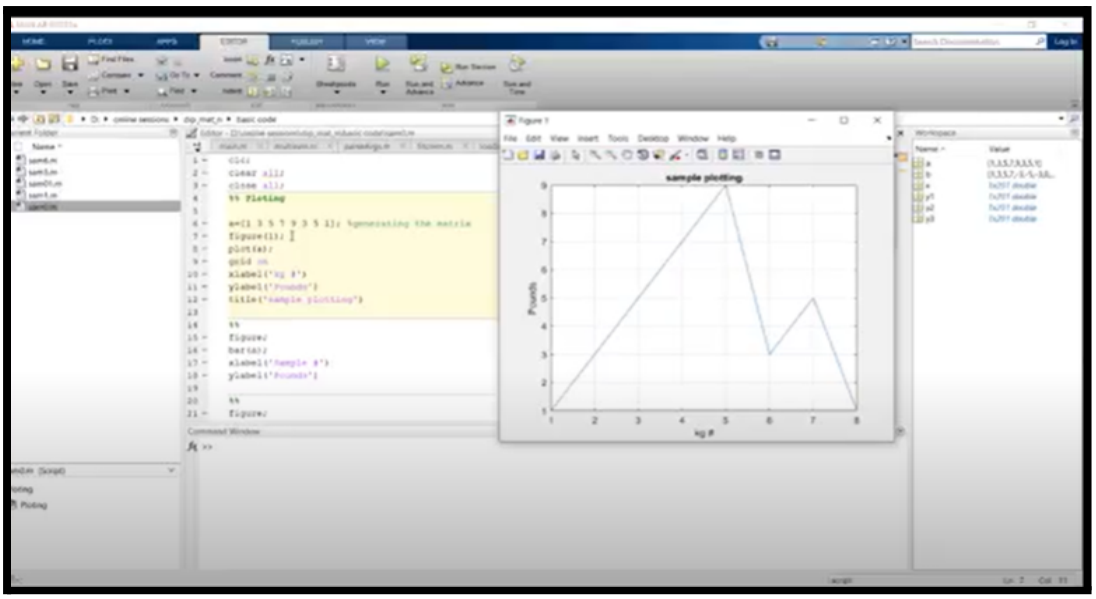
The second session was on MatLab, taken by Mr. **K. Kalyan Kumar.** He comprehensively explained about Matlab and mentioned the tools, windows available in it.





Matlab Window




sample plotting
Pounds
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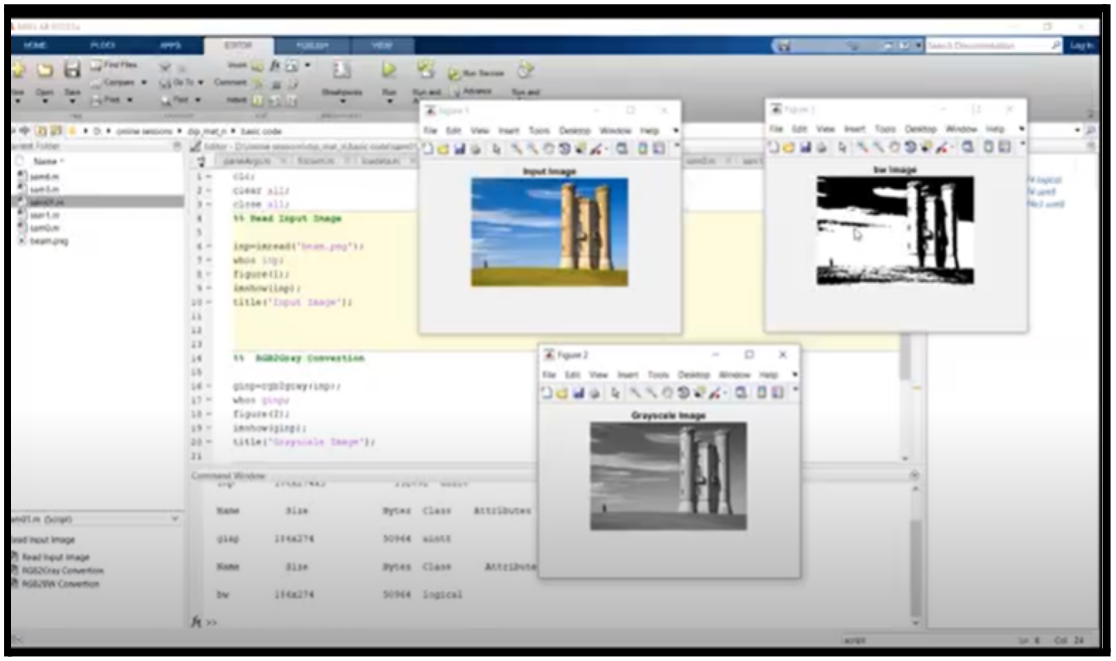
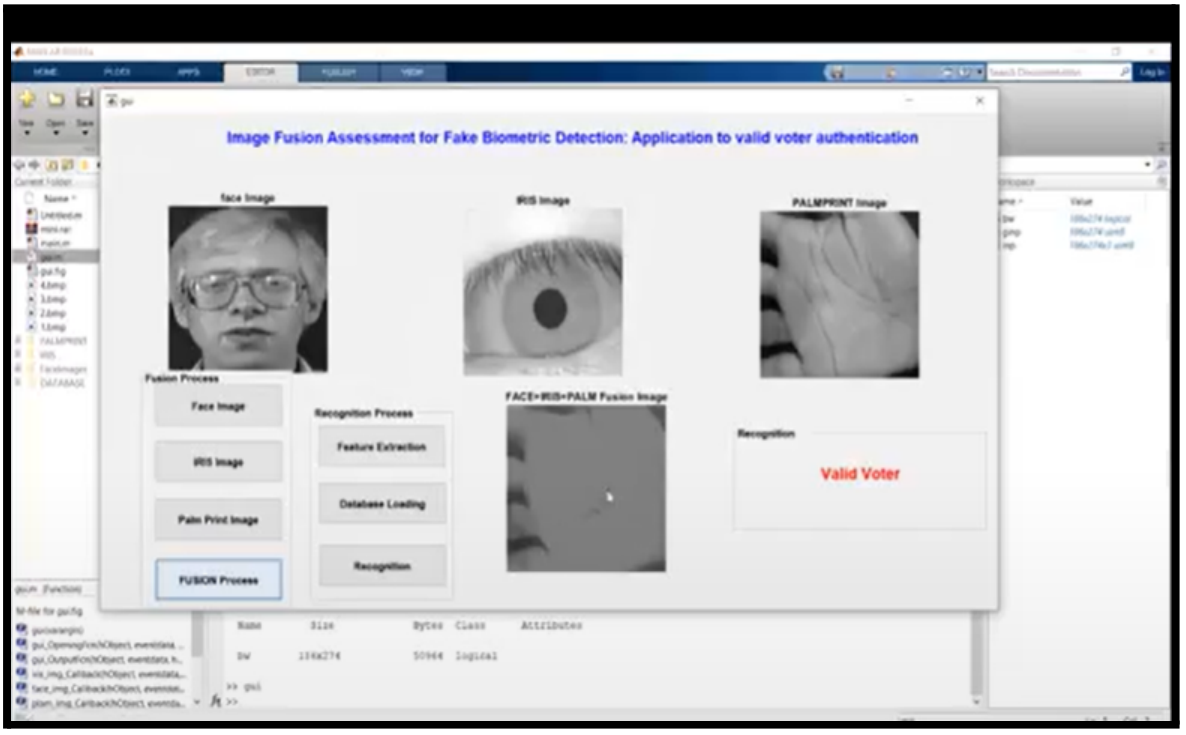
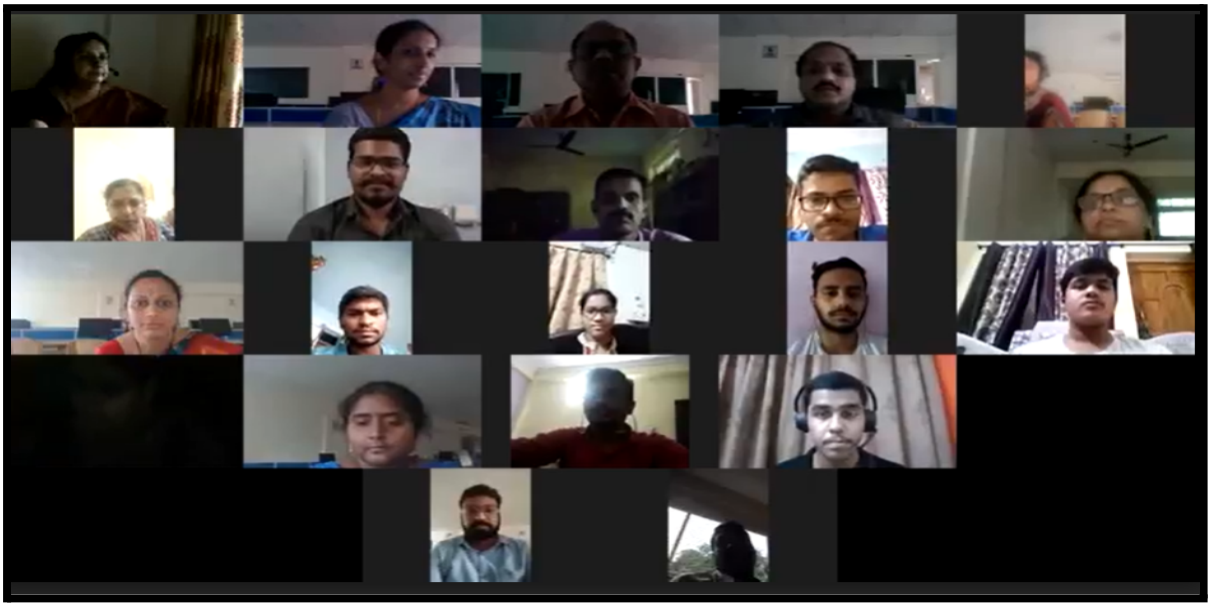

Input Image
Bw Image
Grayscale Image

He also briefed on a few Future extraction Image processing technologies such as recognition, segmentation, enhancement, classification, fusion and noise removal, Black and white conversion images.



Mrs S Jayalakshmi, Lecturer, Department of Computer Science summarised the day and thanked Mr. K. Kalyan Kumar, Mrs K.V.B. Saraswathi and all the participants of the webinar.



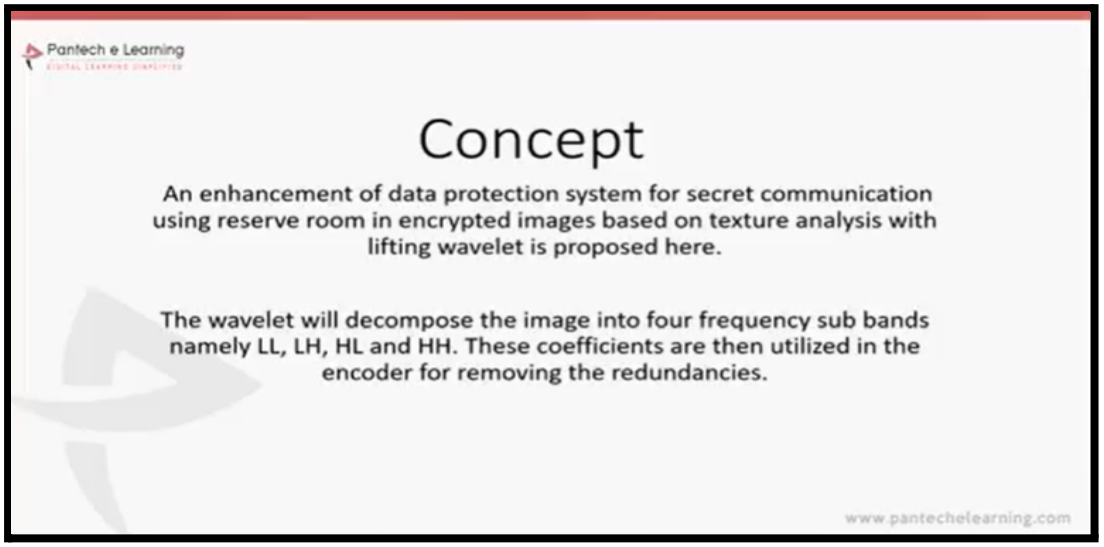
Day 2(5.10.2021)- Report

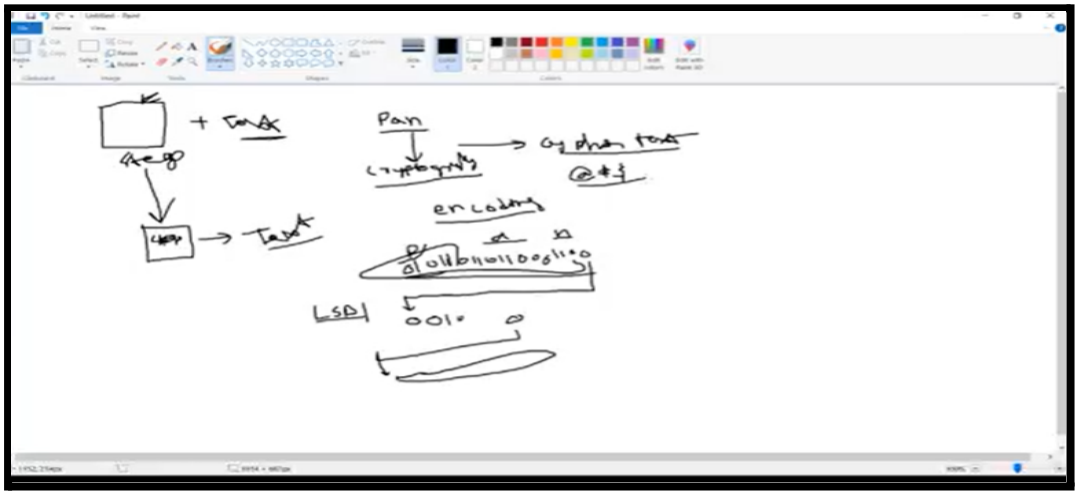
Day 2 began with Mrs. S Jayalakshmi, introducing the speaker Mr. K. Kalyan Kumar, Senior project Engineer, DSP, Pantech Solutions Pvt. Ltd, Hyderabad, He spoke on "**Steganography".**

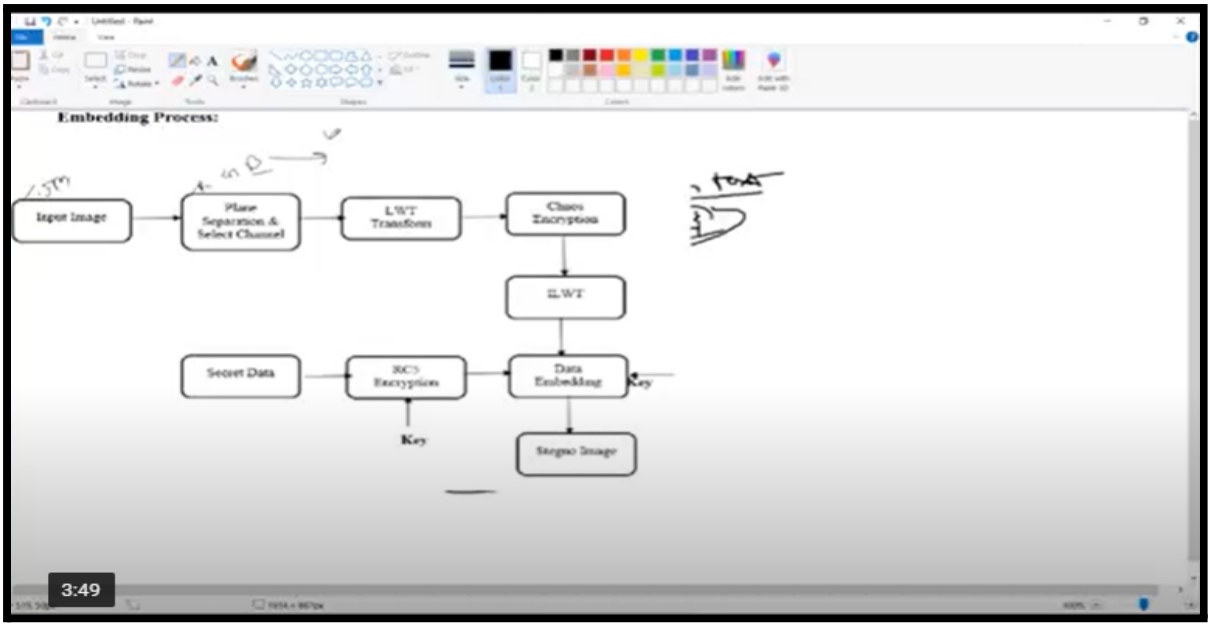
a

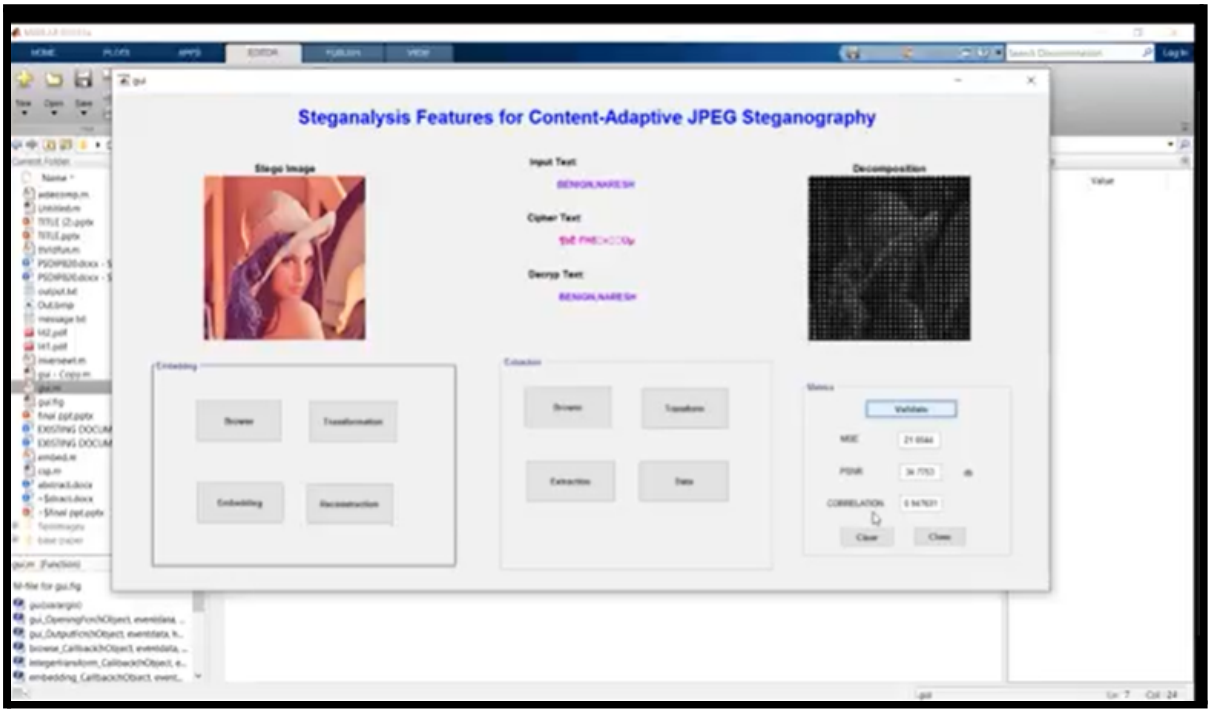
He mentioned various Segmentation techniques, wavelet transformations, Applications of Steganography, Protection of data

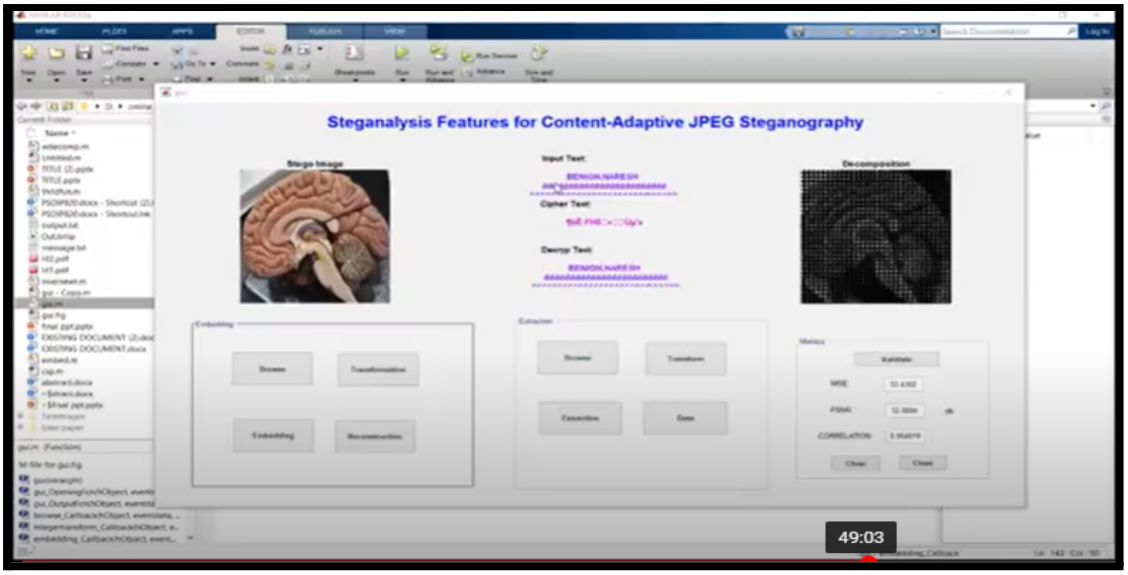
Screenshots

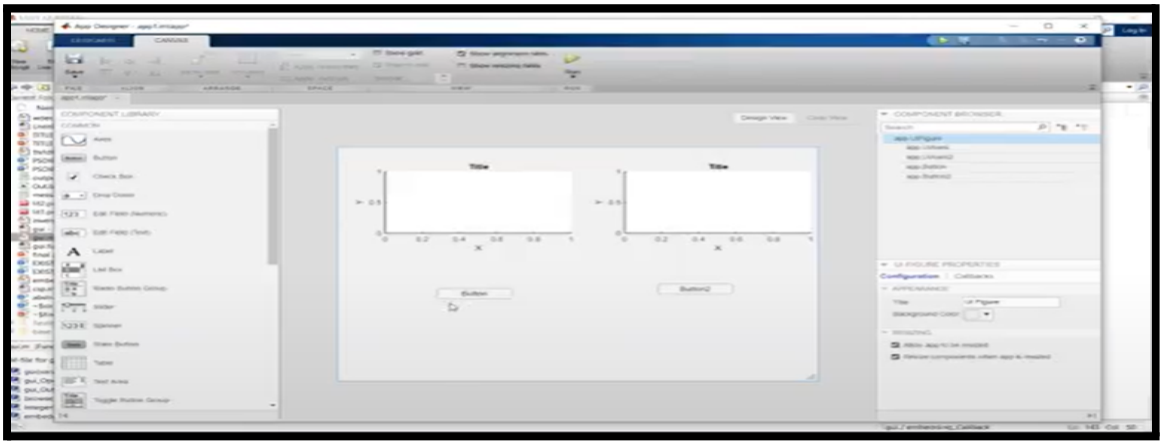


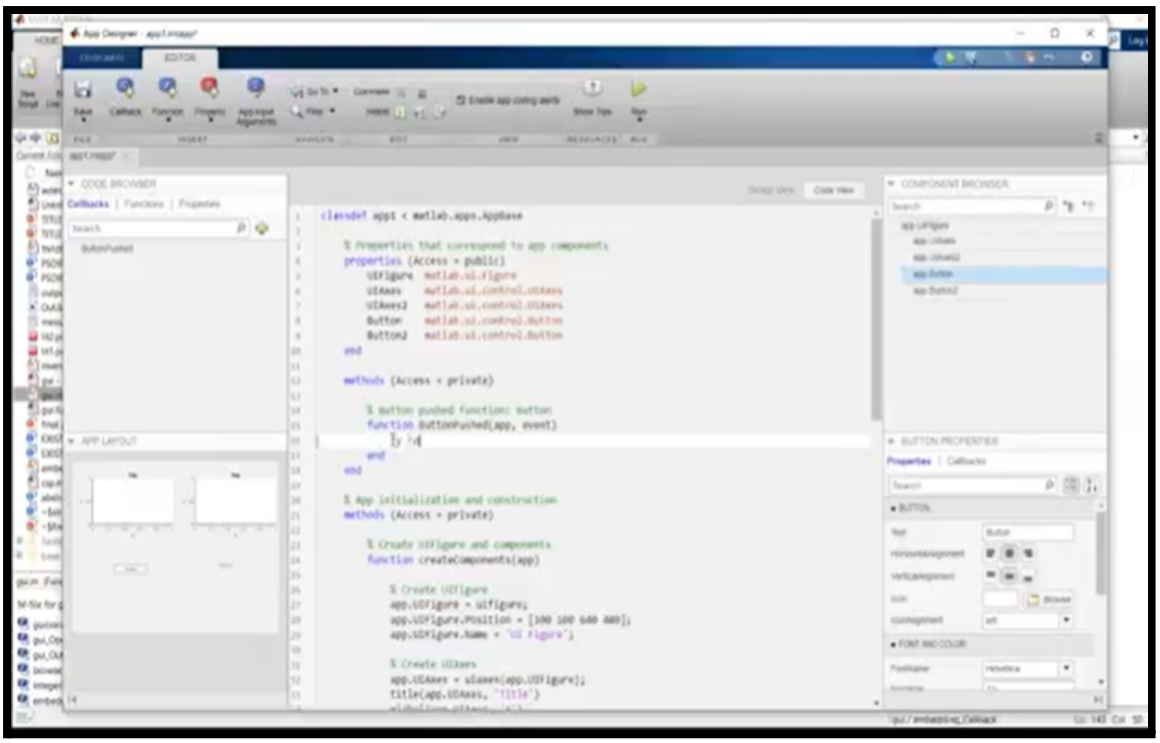


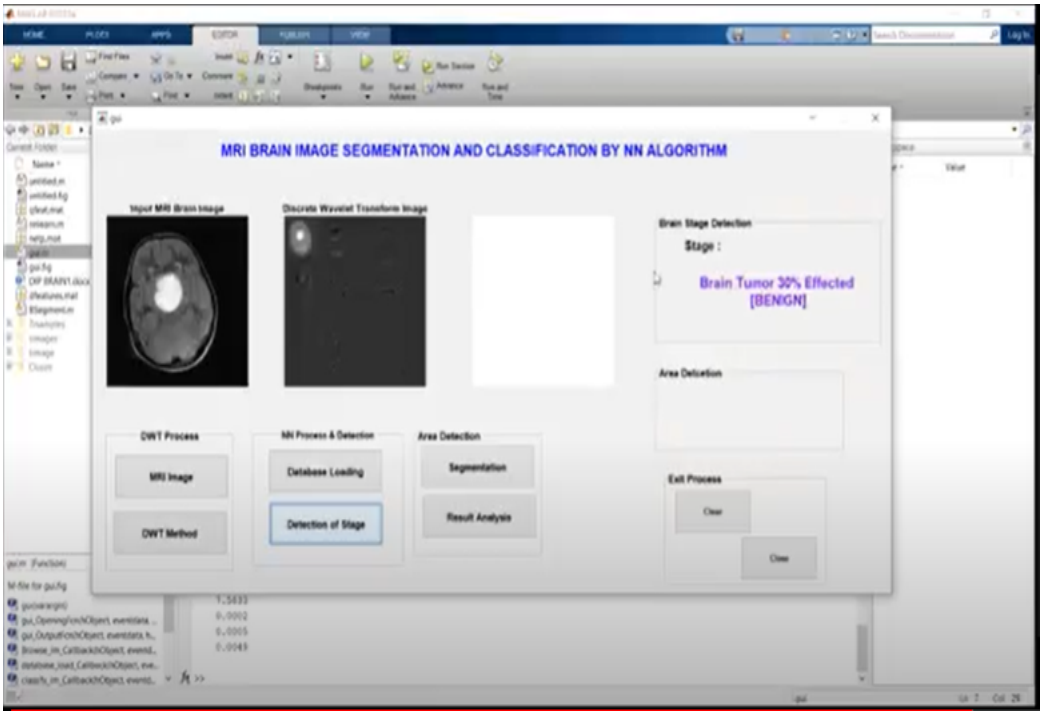

Embedding Process:
Input Image
Plane Separation & Select Channel
LWT Transform
Chaos Encryption
LWT
Secret Data
RC5 Encryption
Data Embedding
Key
Key
Stegno Image
3:49

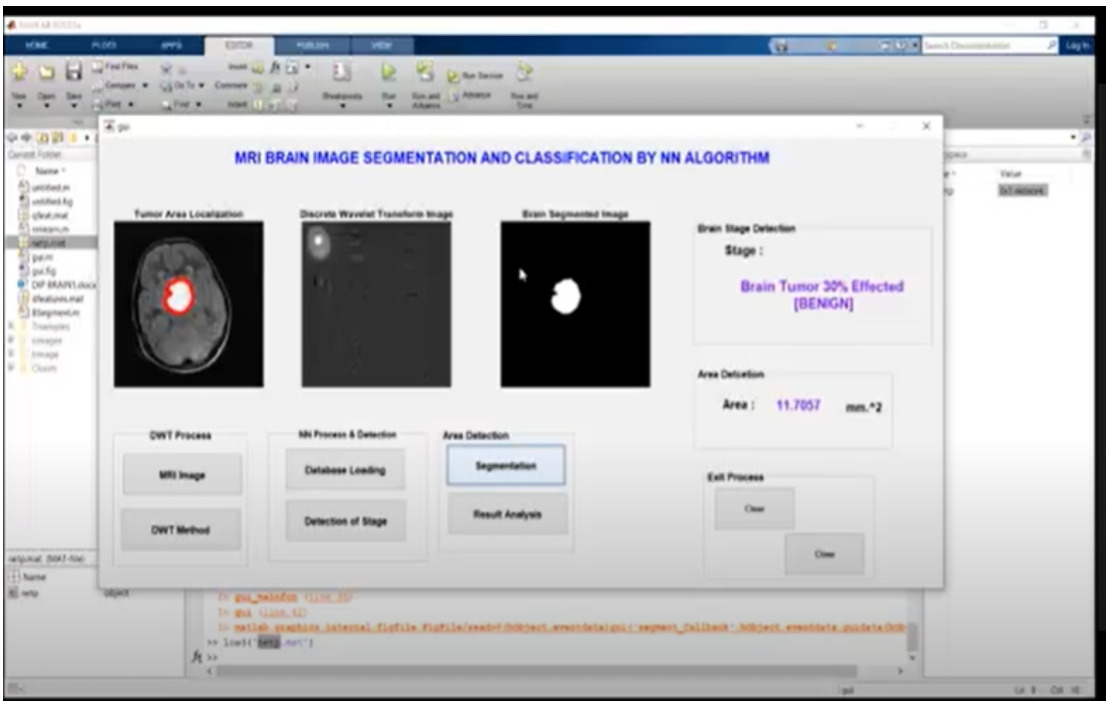

Steganalysis Features for Content-Adaptive JPEG Steganography
Stego Image
Input Text
Cipher Text
Decryp Text
Decomposition
Embedding
Extraction
Validate
MSE
PSNR
CORRELATION
Close


Steganalysis Features for Content-Adaptive JPEG Steganography
Stego Image
Input Text:
BENGNARESH
Cipher Text:
Decryp Text:
BENGNARESH
Decomposition
49:03



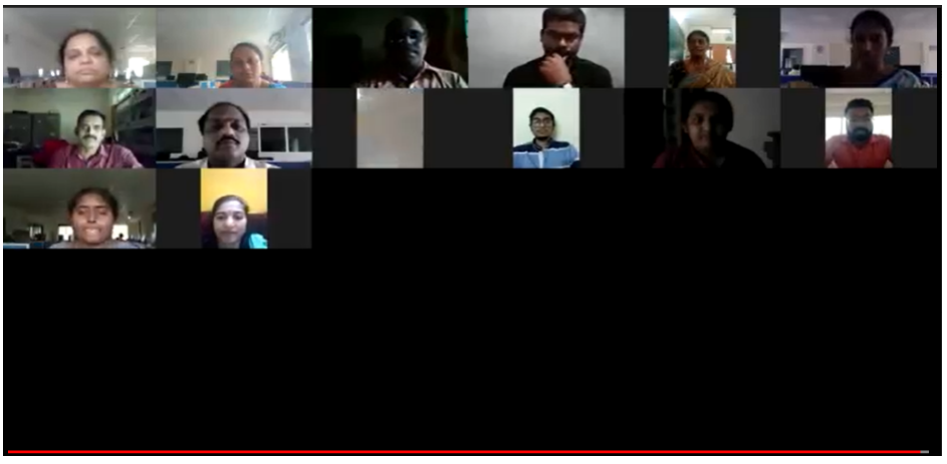

App Designer - app1.mlapp
CODE BROWSER
APP LAYOUT
COMPONENT BROWSER
BUTTON PROPERTIES
classdef app1 < matlab.apps.AppBase
% Properties that correspond to app components
properties (Access = public)
UIFigure matlab.ui.Figure
UIAxes matlab.ui.control.UIAxes
UIAxes2 matlab.ui.control.UIAxes
Button matlab.ui.control.Button
Button2 matlab.ui.control.Button
end
methods (Access = private)
% Button pushed function: Button
function ButtonPushed(app, event)
end
end
% App initialization and construction
methods (Access = private)
% Create UIFigure and components
function createComponents(app)
% Create UIFigure
app.UIFigure = uifigure;
app.UIFigure.Position = [100 100 640 480];
app.UIFigure.Name = 'UI Figure';
% Create UIAxes
app.UIAxes = uiaxes(app.UIFigure);
title(app.UIAxes, 'Title')


MRI BRAIN IMAGE SEGMENTATION AND CLASSIFICATION BY NN ALGORITHM
Input MRI Brain Image
Discrete Wavelet Transform Image
Brain Stage Detection
Stage :
Brain Tumor 30% Effected
[BENIGN]
Area Detection
DWT Process
MRI Image
DWT Method
NN Process & Detection
Database Loading
Detection of Stage
Area Detection
Segmentation
Result Analysis
Exit Process
Clear
Close



Valedictory Session:

Mrs. K Padma Priya hosted the valedictory session. Mrs. K.V.B Saraswathi presented a report on 2 Day Webinar on **" Real –Time Applications on Digital Image Processing and Network Security Applications Using Deep Learning Tools with Matlab"**



Mr. N Bhaskar, proposed vote of thanks for Day 2 of the Webinar and thanked Sri Air Cmdr. (Retd) JLN Sastry VSM, Vice Chairman, Bharatiya Vidya Bhavan Sainikpuri Kendra, Prof Y Ashok, Principal BVC, Mrs. B Niraimathi Vice Principal BVC and Mrs. K.V. B. Saraswathi Head Dept of Computer Science.

He expressed his gratitude to the eminent speaker , **Mr. K. Kalyan Kumar, Senior project Engineer, DSP, Pantech Solutions Pvt. Ltd, Hyderabad, for taking the sessions.**

Closing the session, he thanked Mr. Sridhar, Office Superintendent, BVC, for all the support.

Report on 5 Day Faculty Development Programme

on Machine Learning and Deep Learning

BHAVAN'S VIVEKANANDA COLLEGE

of Science, Humanities and Commerce
Sainikpuri, Secunderabad.
Autonomous College-Affiliated to Osmania University
(Accredited with 'A' Grade by NAAC)

Department of Computer Science

Report on 5 Day Faculty Development Programme

on Machine Learning and Deep Learning

From 27.09.21 to 1.10.2021

(Under DBT-Star College Scheme)

The Department of Computer Science organized a 5 day FDP on "Machine Learning and Deep Learning", under DBT- Star College Scheme from 27.09.21 to 1.10.2021, online through Microsoft Teams.

Day 1 - 27.09.2021- Report

Mrs K Padma Priya, Lecturer, Department of Computer Science, welcomed Prof Y Ashok, Principal BVC, Mrs B Niraimathi, Vice Principal, Mrs KVB Saraswathi Head Dept of Computer Science, all the guests and participants.

Mrs K. V. B. Saraswathi, Head Dept of Computer Science, gave the welcome address and briefed on the topics to be covered in the 5Day FDP.

Prof Y Ashok, addressed the gathering and appreciated the Department in organizing the FDP. He mentioned that Computer Science is a dynamic subject and modernizing of knowledge is essential. He also said that the faculty needs to update themselves in recent trends in the field of Computer Science. He thanked DBT STAR College Scheme for permitting and organizing various Seminars/ FDP /Conferences. He wished the gathering a happy learning experience.

Mrs K Padma Priya, introduced Dr K Venugopal, Resource person for Day 1. He took a session on “Overview of Machine Learning Paradigms”,

Describing various data arrangement and retrieval methods, he gave a comprehensive explanation on supervised and unsupervised learning with real time examples. Focusing on clustering algorithms, he elaborated on Decision trees and K- means clustering techniques and their implementation methods.

The session was concluded by Mrs S Jayalakshmi, Lecturer, Department of Computer Science. She extended thanks to the guests and participants for attending Day 1 FDP program.

The total number of Participants for the day were 69.

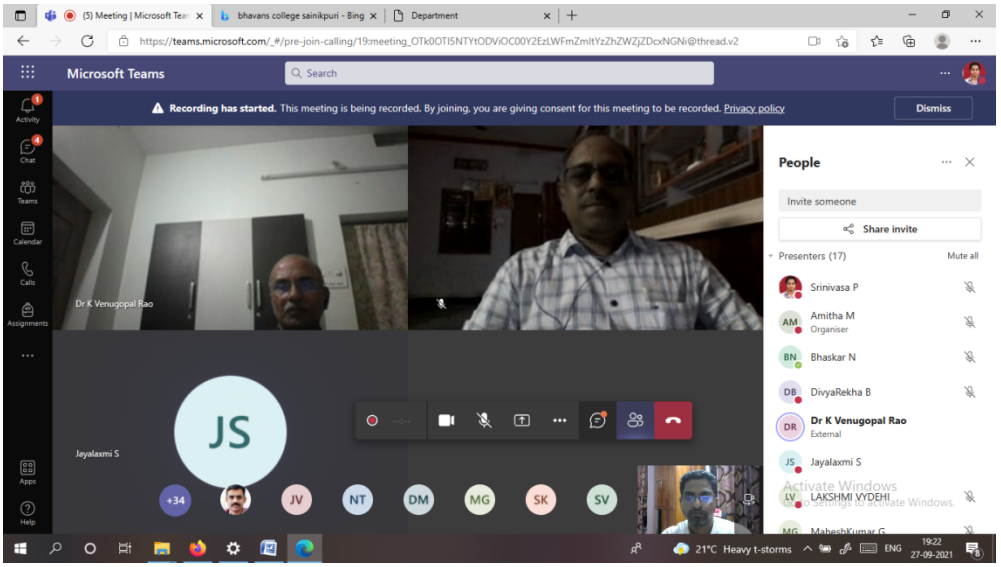
Welcome Address by

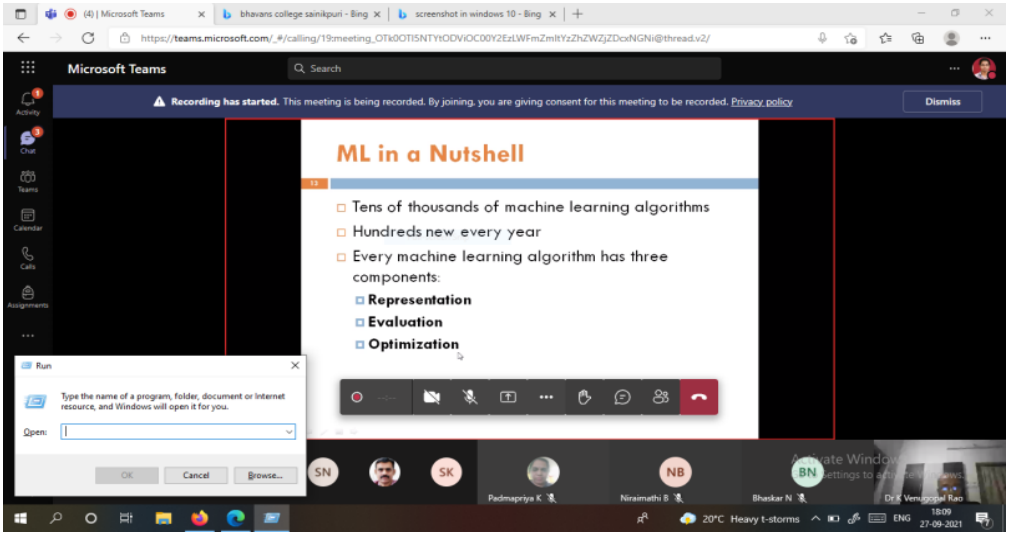
by Mrs K V B Saraswathi

Head , Dept of Computer Science

Address by Prof Y Ashok , Principal

BVC




Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
ML in a Nutshell
Tens of thousands of machine learning algorithms
Hundreds new every year
Every machine learning algorithm has three components:
Representation
Evaluation
Optimization
Run
Type the name of a program, folder, document or Internet resource, and Windows will open it for you.
Open:
OK
Cancel
Browse...
Padmapriya K
Niraimathi B
Bhaskar N
Dr K Venugopal Rao
20°C Heavy t-storms
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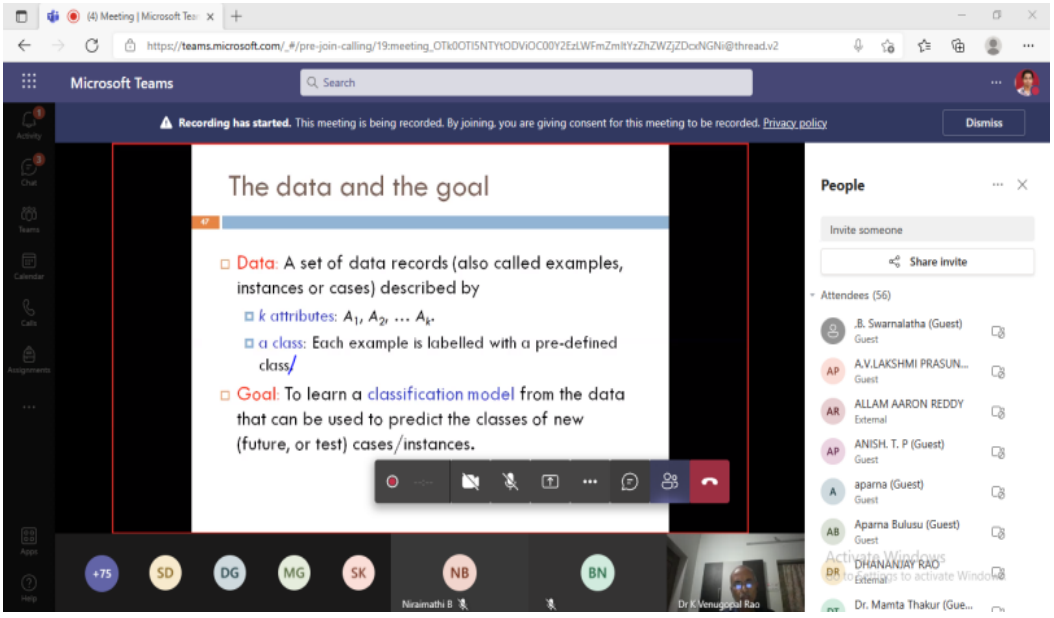
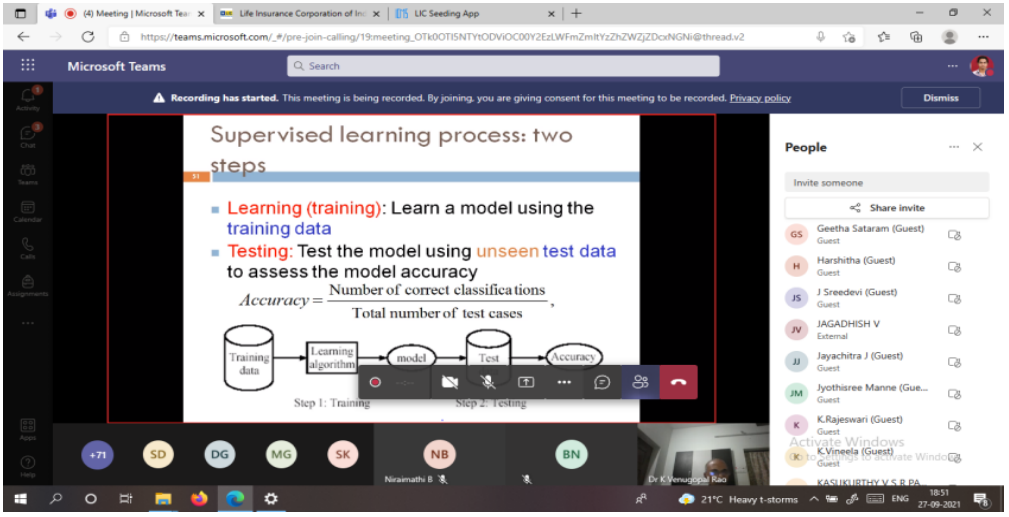
18:09
27-09-2021


Microsoft Teams
Search
Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. Privacy policy
Dismiss
The data and the goal
Data: A set of data records (also called examples, instances or cases) described by
k attributes: A1, A2, ... Ak.
a class: Each example is labelled with a pre-defined class
Goal: To learn a classification model from the data that can be used to predict the classes of new (future, or test) cases/instances.
People
Invite someone
Share invite
Attendees (56)
B. Swarnalatha (Guest)
A.V.LAKSHMI PRASUN...
ALLAM AARON REDDY
ANISH. T. P (Guest)
aparna (Guest)
Aparna Bulusu (Guest)
DHANANJAY RAO
Dr. Mamta Thakur (Gue...
Niraimathi B
Dr K Venugopal Rao

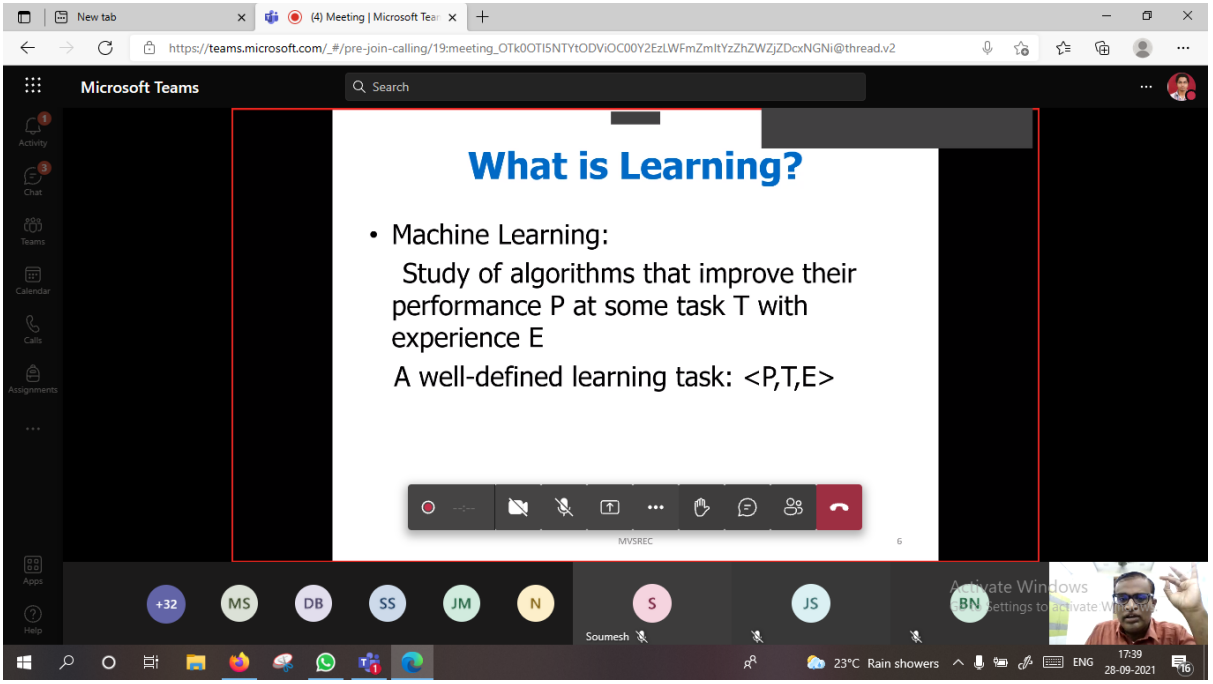


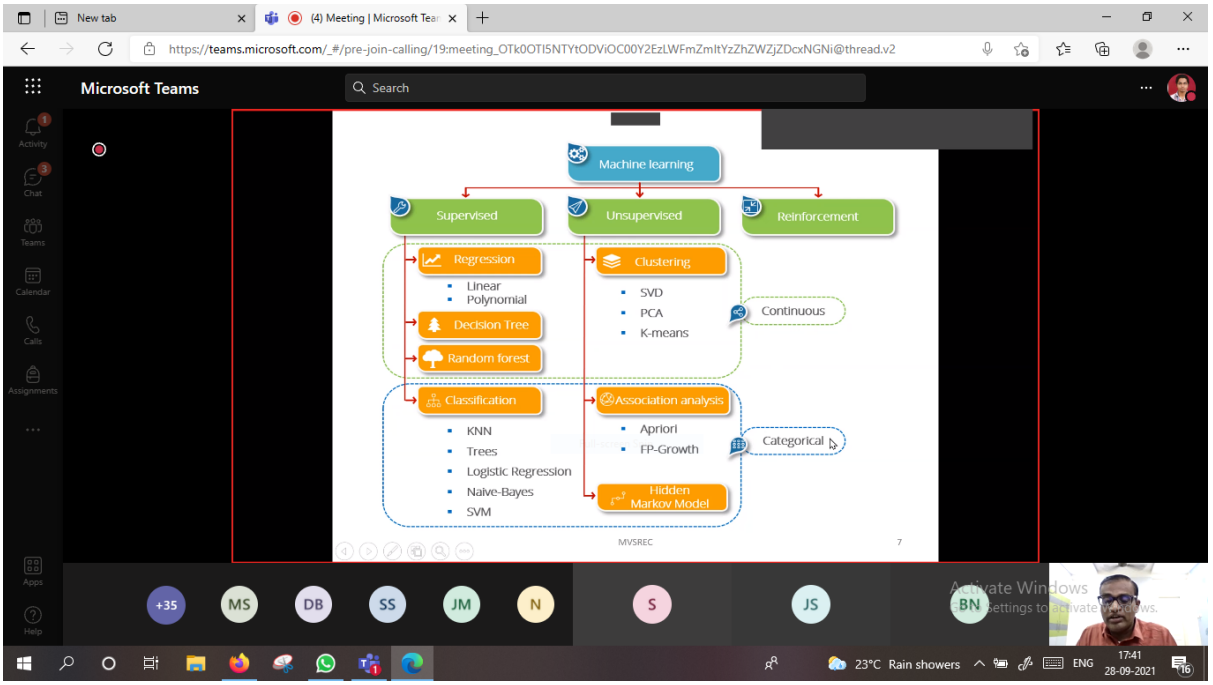
Day 2 Report-28.09.2021

Day 2- Session -1-Report

Day 2 of the FDP had begun with Mrs. S Jayalakshmi introducing Dr. Sesham Anand, Professor of Computer Science and Engineering at Maturi Venkata Subba Rao (MVSR) Engineering College, the Speaker for the session -1. He spoke on "Learning using Multi-Layer Perception Architectures.

He elucidated on Introduction to AI, Components of AI, Neural networks-Biological NEURON – FUNCTIONING, the net input for neuron various Neural network architectures, activation function etc.



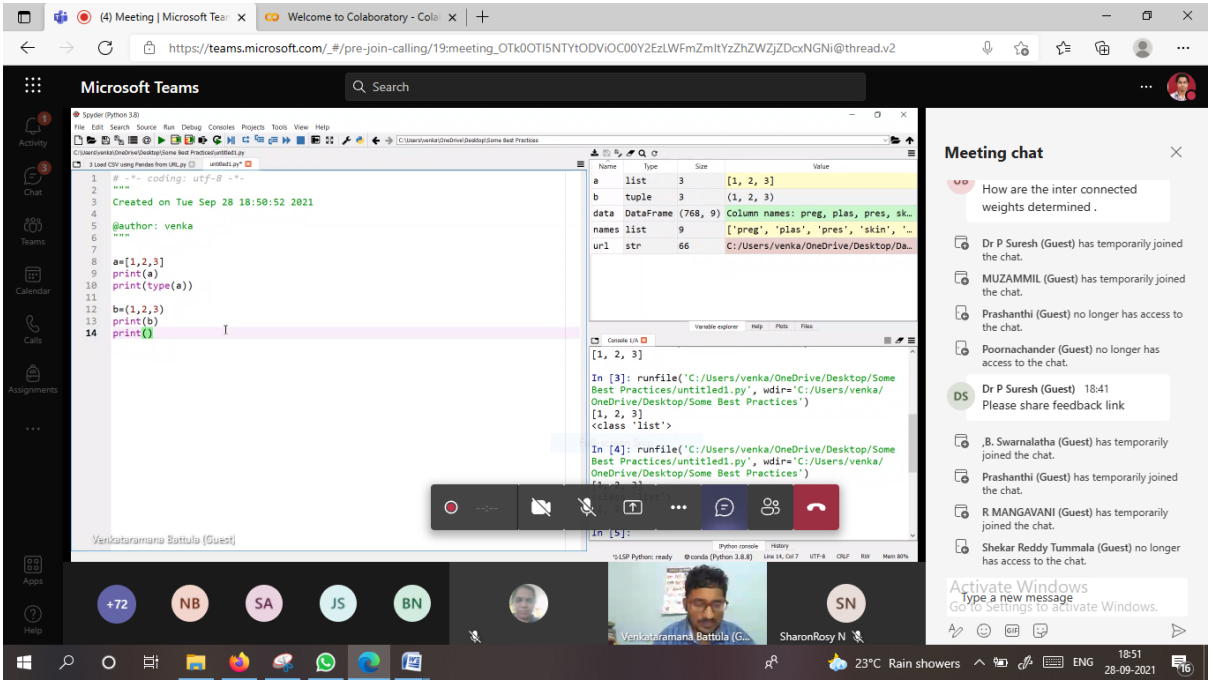


Day 2- Session-II Report

Mrs S Jayalakshmi, then introduced the resource person Mr. B Venkata Ramana, Assistant professor, CSE dept from MVSR Engineering College.

He took a session on Anaconda Introduction—Spyder, difference between list and tuple , Different methods to load datasets, and Preprocessing techniques-

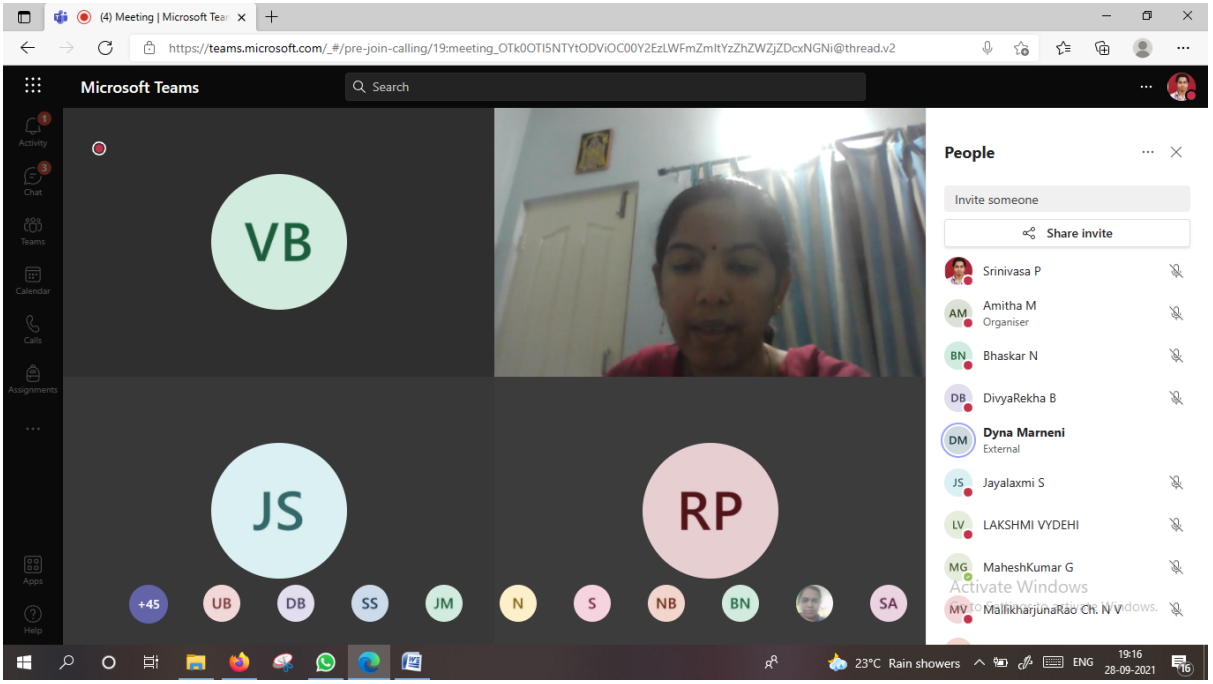
such as normalization(min-max normalization, standard scalar, z-score normalization).

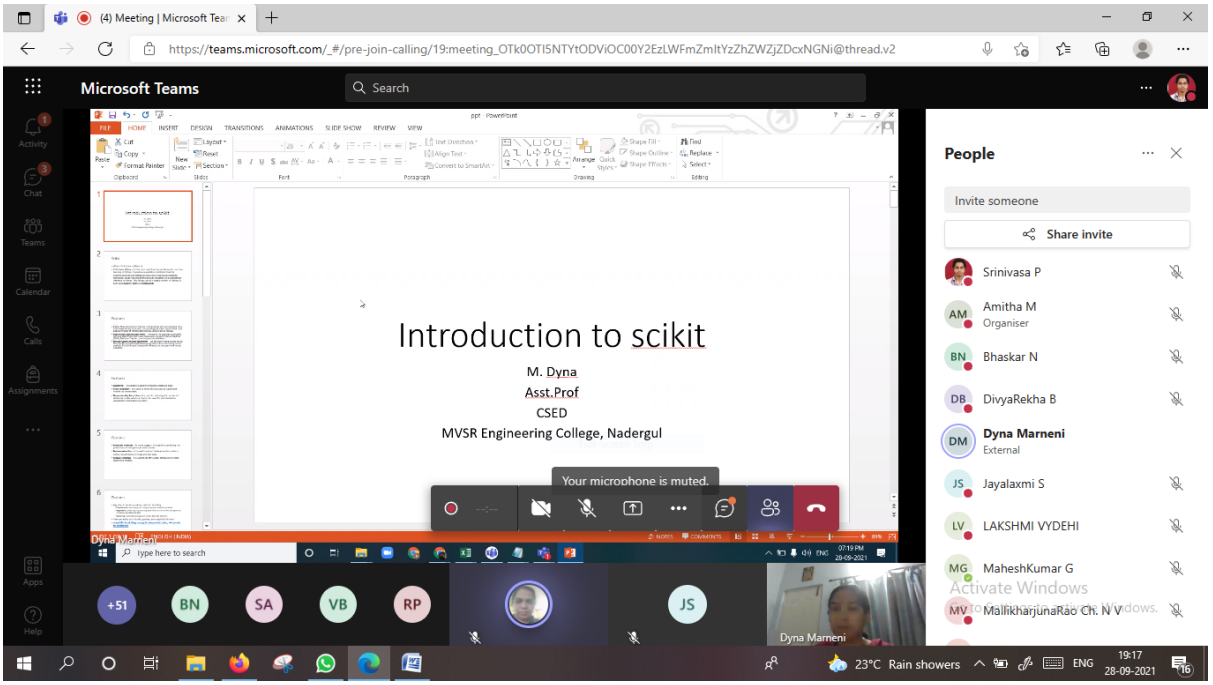


Day - 2: Session III

Mrs S Jayalaxmi, Lecturer, later introduced Ms M Dyna Balaraj, Asst. Professor, Department of CSE from MVSR Engineering College, the resource person for the 3rd session. She took a session on "Introduction to Supervised Learning using Scikit-Learn". She elaborated on

- Classification and regression practical APPLICATIONS
- Introduction to Scikit
- How to measure the performance – absolute error, mean square error, root mean square error
- Basic steps need to be followed when applying any algorithm
- Performance metrics --Confusion matrix, accuracy score calculations—classification algorithm (decision tree)





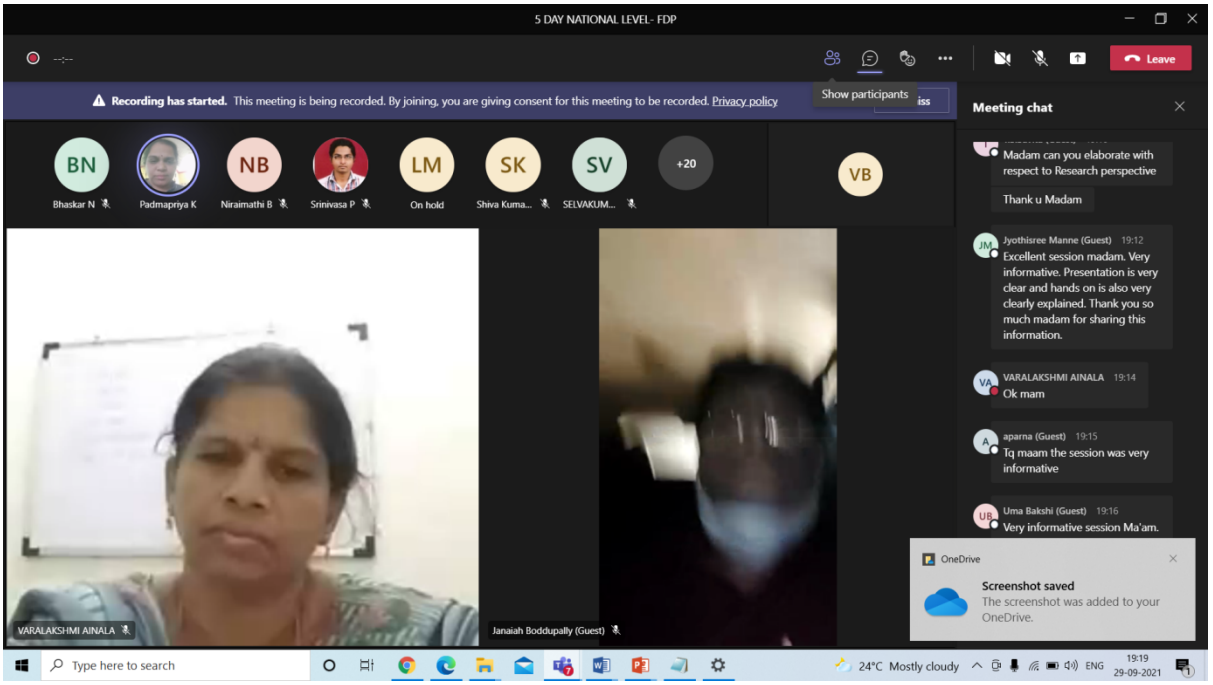
Mrs Padma Priya , wrapped the session by thanking the speakers. Total number of Participants for the day were 76.

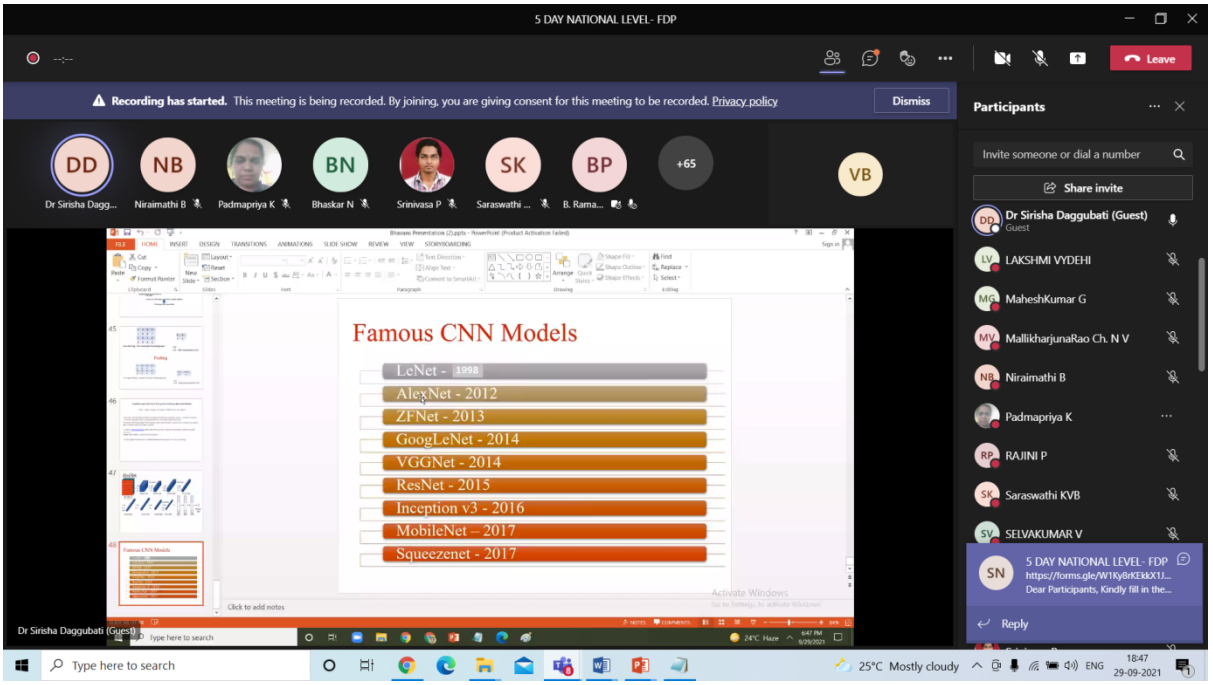
Day 3(29.09.2021)- Report

Mrs K Padma Priya, introduced Dr. Sirisha Daggubati Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College, resource person for the day. She took a session on **Feature Learning using Convolution Neural Networks (CNNs)" including**

- Traditional ANN--- Disadvantage(Flatten an image)
- Image—definition and types of images and pixel size of each type
- CNN– Definition (Input is an image – apply filters on input image—feature map(output)
- Types of filters
- Operations of CNN---- Stride, Padding, pooling(optional), sub sampling(optional)
- LeNet---- was first CNN, LeNet-5 CNN made up of 7 Layers
- Famous CNN Models– LeNet, AlexNet, ZFNet, GoogleNet……

She also took a practical session on Print image, resizing image, rewriting an image, generate grayscale image(conversion), Generate Dimensions of an image, Generate Binary image and binary inverse image, Dilation image and Crop image using OPEN CV Module.



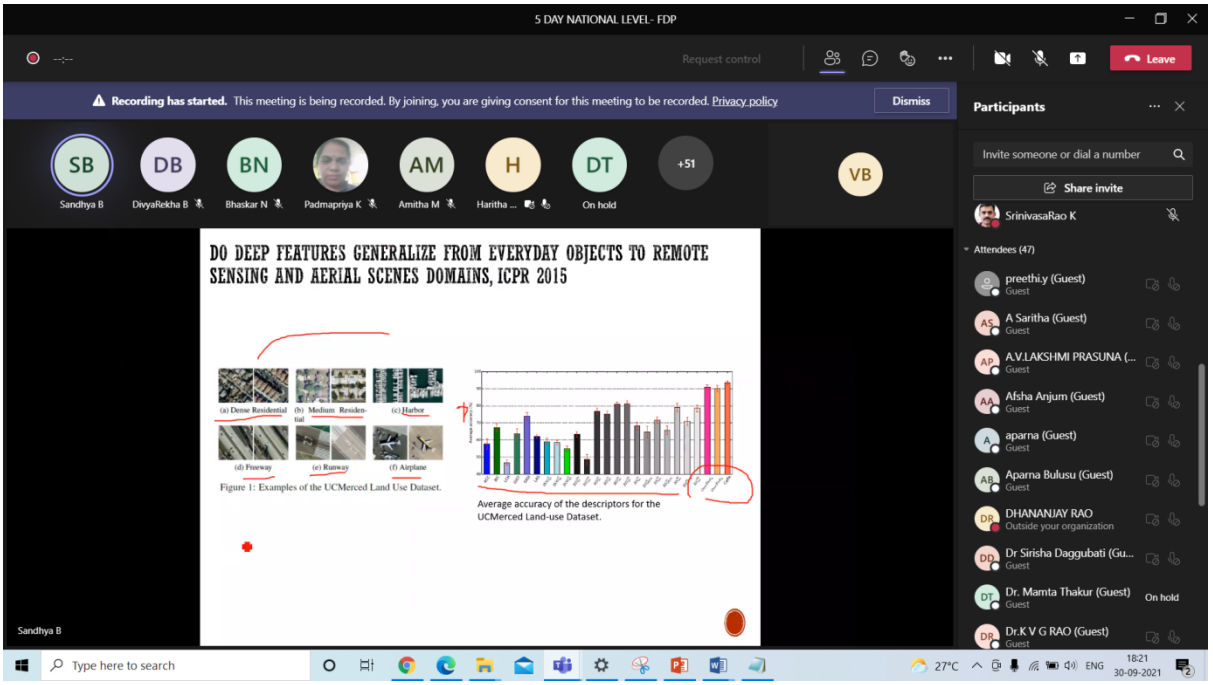


Mrs Padma Priya, ended the session by thanking the speakers and participants. Total number of Participants for the day were 81.

Day 4 –(30.10.2021)-Session 1-Report

Mrs K Padma Priya, introduced the resource person- Dr. B. Sandhya Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College. She took a session on **"Transfer Learning using Deep CNNs"**

She explained Data representation Methods, CNN architecture, Feature Conversions, various learning methods and Examples on CIFAR10 , and OXFORD datasets

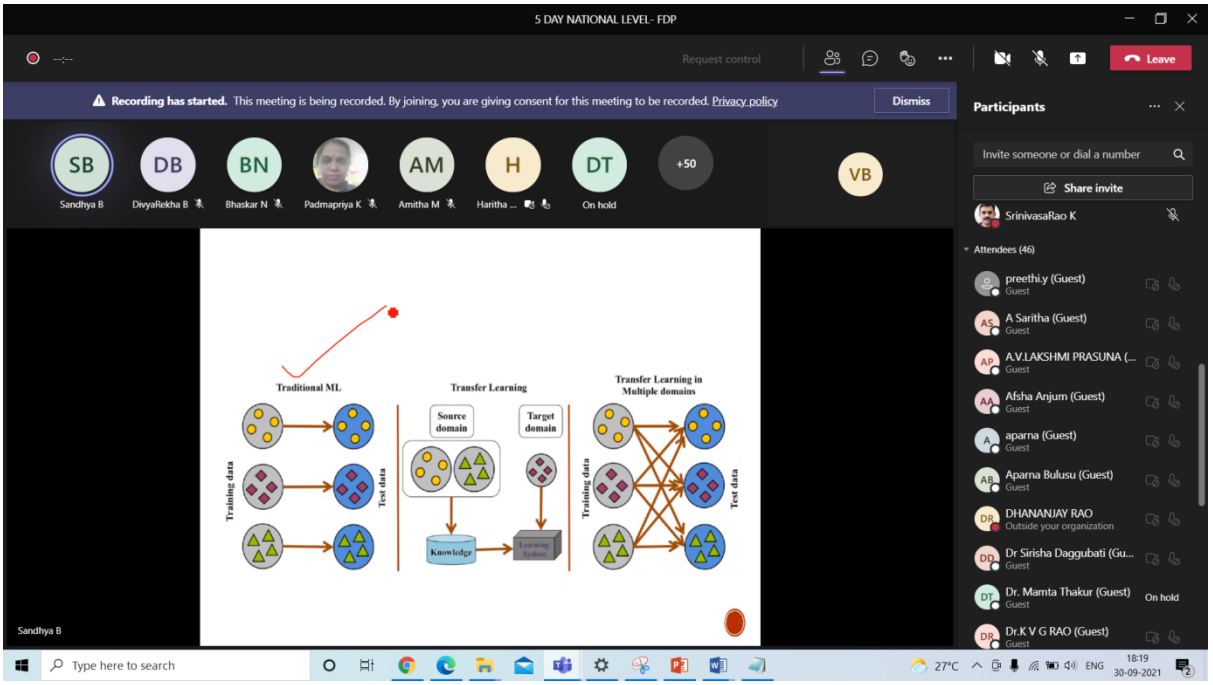


Day 4 –(30.10.2021)-Session 2-Report

Mrs K Padma Priya, later introduced the resource person Mrs B. Kalpana Reddy, Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College. She took a session on **"Introduction to KEROS" including**

- List of compilation techniques available
- Create sequential model and set the parameters
- Various loss function to evaluate the performance of the model
- Procedure to compile the model
- Live execution of CNN model

Mrs. Padma Priya, concluded the session for the day by thanking the speakers and participants. The total number of participants for the day were 69.



Day -5(1.10.2021) Session -I Report

Mrs S Jayalakshmi, introduced Ms. Haritha Damarla Assistant Professor in the Department of Computer Science Engineering -MVSR Engineering College, speaker for the day

She took a 'Hands on' session on using Keras with Tensorflow backend on Google colab",

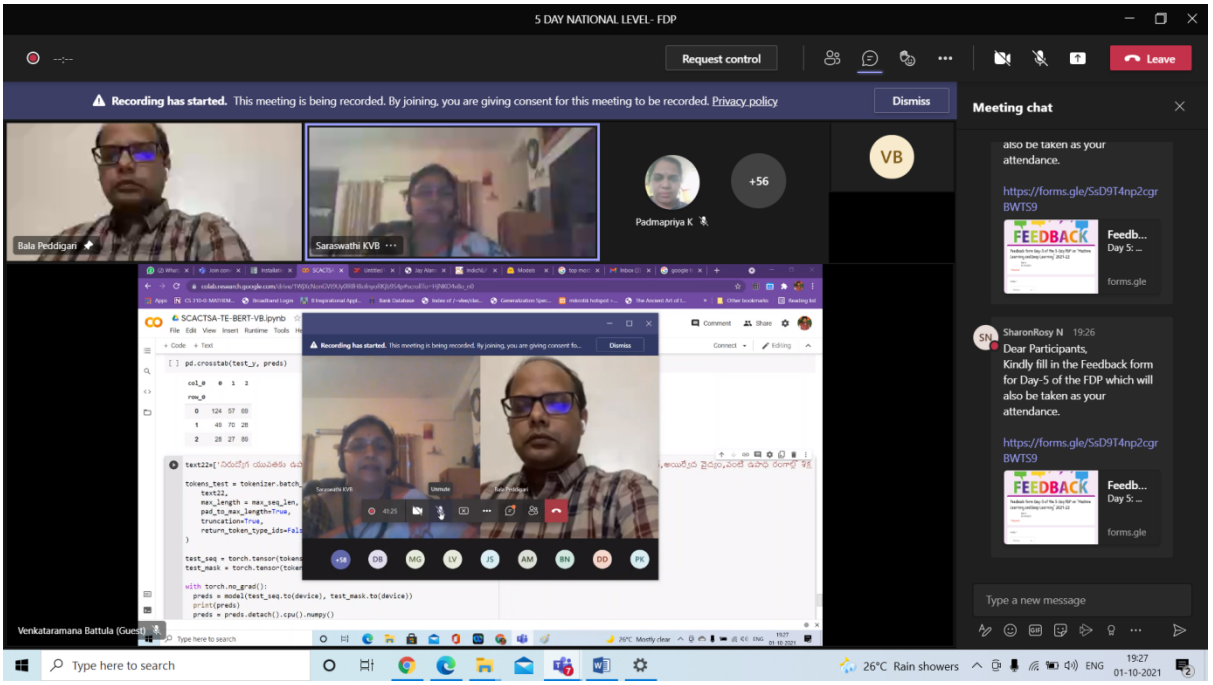
Day -5(1.10.2021) Session -II Report

Mrs S Jayalaxmi later introduced the resource person Mr. B Venkata Ramana, Assistant Professor, CSE dept, MVSR Engineering College. He took a 'hands on' session on IndicNLP. The number of participants for the day were 69.

Valedictory Session:

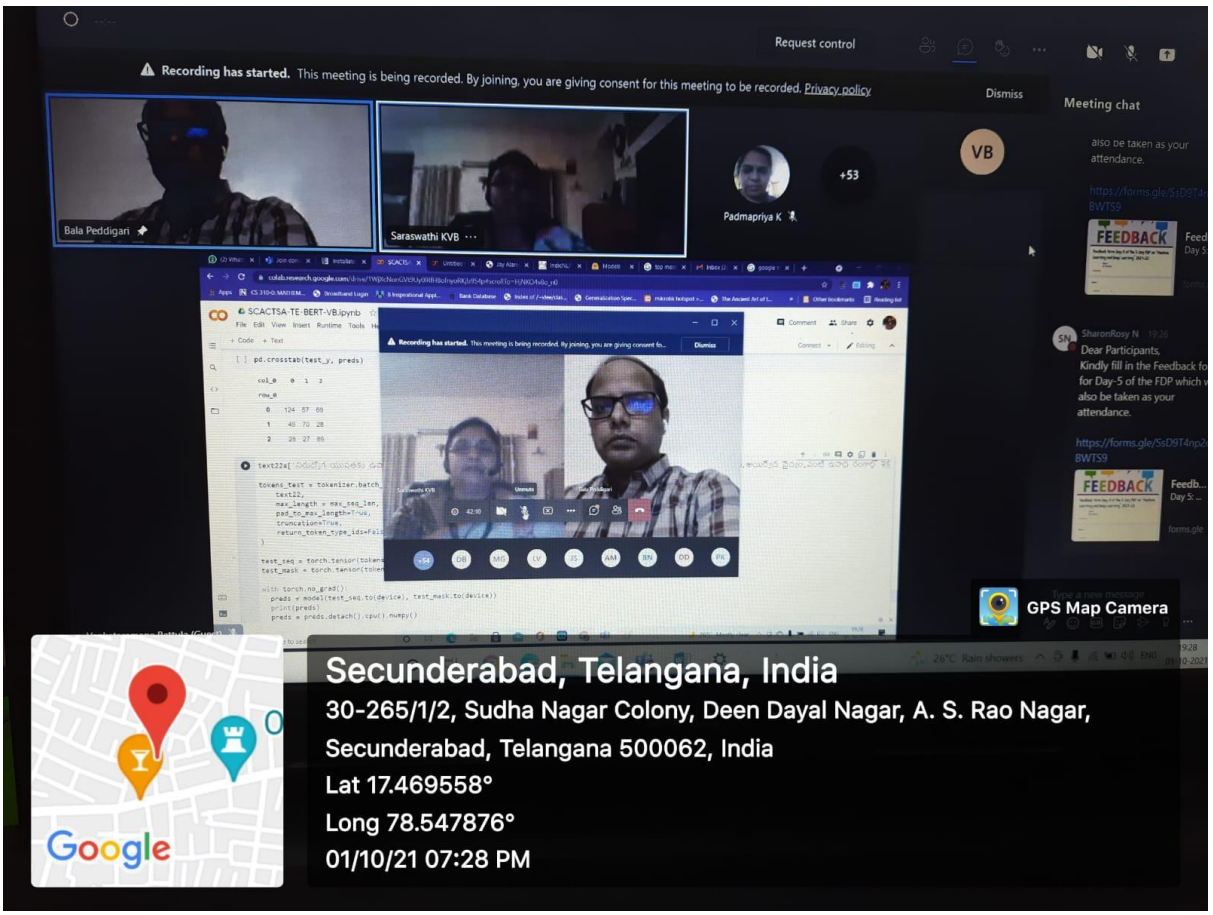
Mrs. K Padma Priya hosted the valedictory session. Mr Bala Prasad P, Chairman –CSI Hyderabad Chapter was guest for the valedictory session.

Mrs. K.V.B Saraswathi Head, Dept. Of Computer Science, presented the report on 5 Day Faculty Development Programme on “Machine learning and Deep learning.”

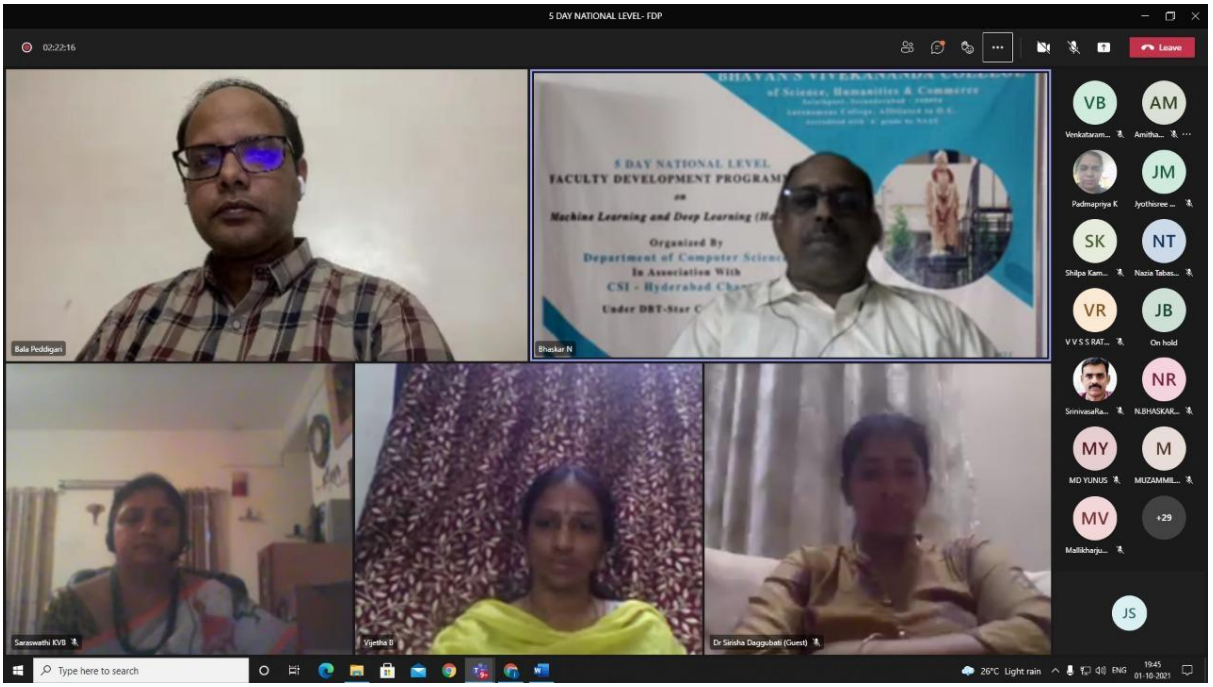


Mrs. K Padma Priya, then introduced V Mr. Bala Prasad P, Chairman –CSI Hyderabad Chapter, who was the chief guest for the valedictory session.

He appreciated the department for organizing an FDP program on “Machine learning and Deep learning”. He stressed on the importance of these topics in the present era of Computers.



Mr. N Bhaskar, Lecturer, Dept of Computer Science BVC proposed vote of thanks for the 5 Day Faculty Development Programme on machine learning and Deep learning.



He thanked Sri Air Cmdr. (Retd) JLN Sastry VSM, Vice Chairman, Bharatiya Vidya Bhavan Sainikpuri Kendra, Prof Y Ashok, Principal BVC, Mrs. B Niraimathi Vice Principal BVC and Mrs. KVB Saraswathi Head Dept of Computer Science.

He expressed his gratitude to all the eminent speakers of the 5 Day Faculty Development Programme.

He also thanked all the Management of various colleges for permitting their faculty to attend in the 5 Day FDP.

Lastly, he thanked Mr. Sridhar, Office Superintendent, BVC, for making all the necessary arrangements.

BHAVAN'S VIVEKANANDA COLLEGE
of Science, Humanities & Commerce
Autonomous College – Affiliated to Osmania University
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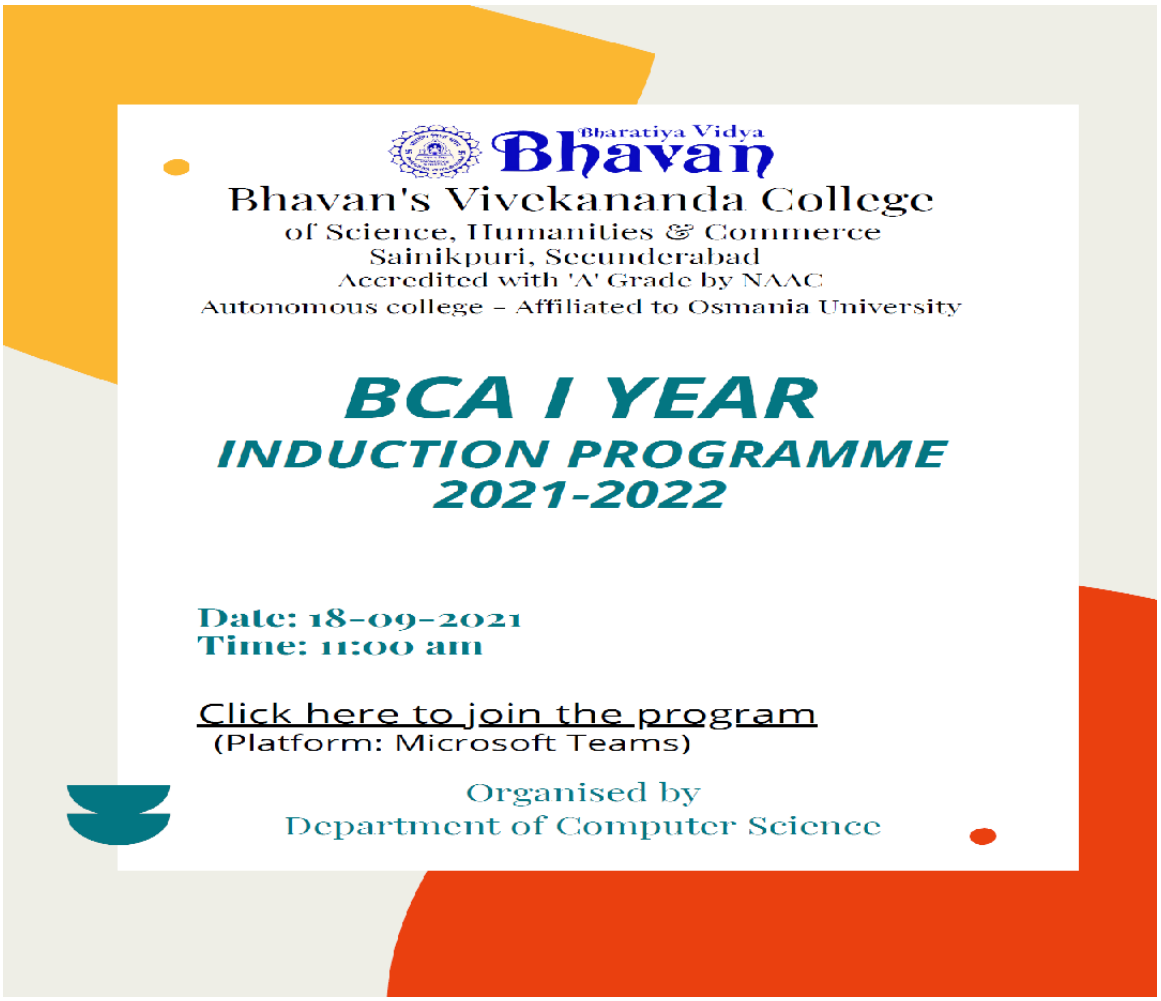
BCA I YEAR INDUCTION PROGRAMME 2021-22



A 5-day Induction programme was conducted by the Department of Computer Science for the I year students of BCA programme, from September 16, 2021 to September 21, 2021. As part of this Induction programme, the first 2 days were a general introduction to students regarding the college, the various cells and different activities taken up as part of these cells within the college.

An exclusive induction programme was organised for the I year students of BCA students on Day-3, i.e 18th September, 2021 at 11:00 a.m. through Microsoft Teams Platform (online mode). The programme began with Bhavan's Prayer.

The Chief Guest for the programme was Prof. Y. Ashok, Principal, Bhavan's Vivekananda College, Sainikpuri. Addressing the students on this occasion, he explained the importance of computer applications in the real world scenarios especially during the COVID-19 pandemic. He alleged that the computer subjects are very dynamic ie., the new softwares, hardware, programming languages evolve daily and few of them are outdated also. So, he asked the students to upgrade their knowledge and skills accordingly to compete with the real world. He wished the best for students.

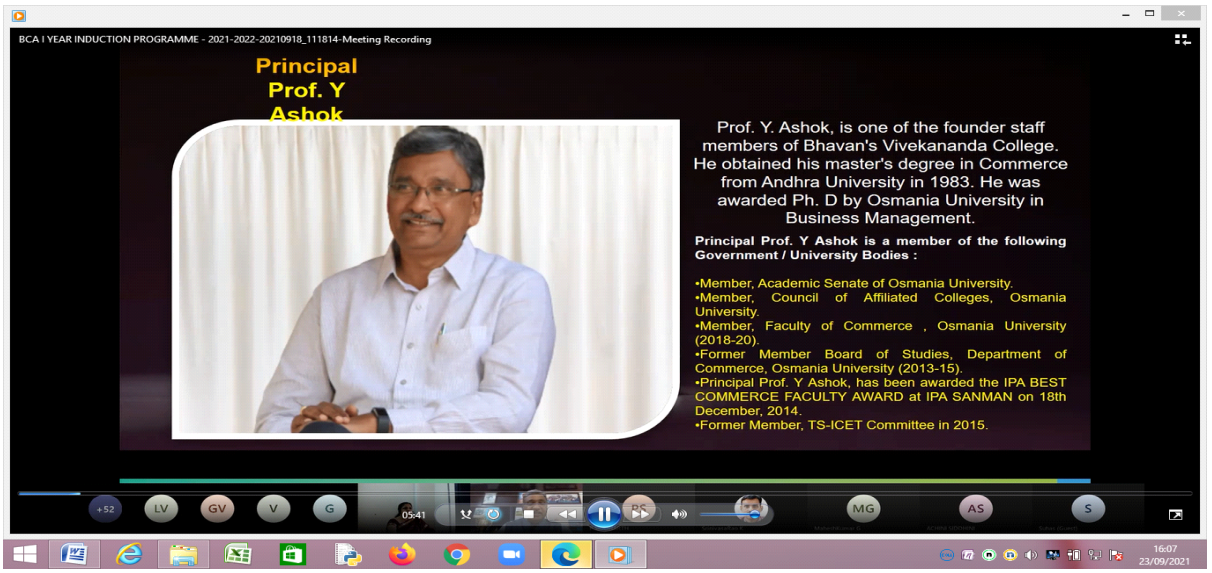
Mrs. KVB Saraswathi Devi, Head, Department of Computer Science addressed the students explaining about the college Ranking such as NAAC and NIRF, the industry expectations from the undergraduate students, improvising and upgrading of skills, placement opportunities and wished the students a good luck.

Mr. G Mahesh Kumar, Coordinator, BCA Programme, welcomed the students for joining this programme. He briefed about the departmental activities such as Guest Lectures, Outreach Programmes, Charles Babbage Day Celebrations, Gyan Tarangini Vyakhyana Mala, National Science Day, National Seminar, International Conference, Value-Added Courses, Workshops, Webinars and Faculty Development Programmes. He highlighted BCA Programme Outcomes and Programme Specific Outcomes. He briefed and motivated the students about the top 10 Osmania University Ranks secured by their seniors earlier. He informed about the staff of the computer science department and wished the students the best.

A Live interview was organized by the BCA III year students with the alumni students Mr. Bharat Jain, Anchor, who completed his BCA from the college in the year 2012 and Mr. S Tarun Raj, Senior Cyber Security Analyst, Stefanini India Pvt. Ltd., in the year 2015. The Host for the event was Mr P Siddharth, from BCA IIIyr. Both alumni shared their college as well as work experiences and motivated the BCA I year students to improve their skills on par with the industry expectations.

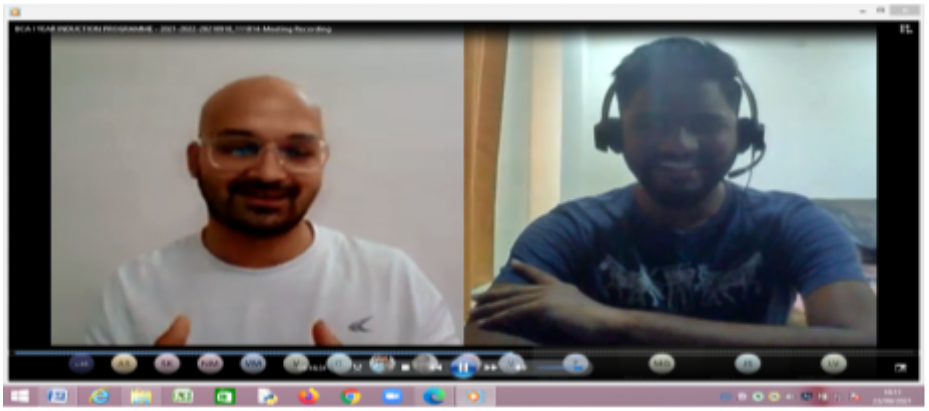
BCA I Semester faculty for the academic year 2021-22, Mr. K Srinivasa Rao, Lecturer, Dept. of Computer Science, Mrs. K Padma Priya, Lecturer, Dept. of Computer Science, Mrs. Lakshmi Vydehi, Lecturer, Dept. of Computer Science, Mrs. Krishnaveni, Lecturer, Dept. of Mathematics & Statistics, Mrs. S Usha Rani, Lecturer, Dept. of Languages, introduced themselves on this occasion.

Mrs. S. Jayalaxmi, FusionTech Club Incharge, gave an introduction note about FusionTech Club inception and activities and wished all the best for students. Ms. Rhesa, student of BCA III year has presented Fusiontech Club activities from the inception and motivated the BCA I year students to be a part of it and to carry the legacy of the club for further years.



BCA I YEAR INDUCTION PROGRAMME - 2021-2022-20210918_111814-Meeting Recording
BCA Course Coordinator
Academic Positions:
• BCA Course Coordinator

BCA I YEAR INDUCTION PROGRAMME - 2021-2022-20210918_111814-Meeting Recording
Department Activities
Charles Babbage Day, National Science Day, GTVM
Exploring and Encouraging out of box talent
FDP & Out Reach Program
Updating our Self (faculties) and Guiding Other College and School Faculties
Workshops, Guest Lecture, Webinars
Get together in pandemic
National Seminar and International Conference
ICACT- 2020
International Publications
National Level Exposure
Sharing Technical Knowledge
Students Project Presentations



The programme came to an end with the vote of thanks proposed by Mrs. S Jayalaxmi, Lecturer, Dept. of Computer Science.

INDUCTION PROGRAMME FOR BCA 1st YEAR 2021-22

BHAVAN'S VIVEKANANDA COLLEGE

Induction Programme BCA- 2021 on Creative art and culture

Department of Computer Science

Fusion Tech Club

Day 4 induction program for the I year under Creative Art and culture category was conducted on 20th September 2021.

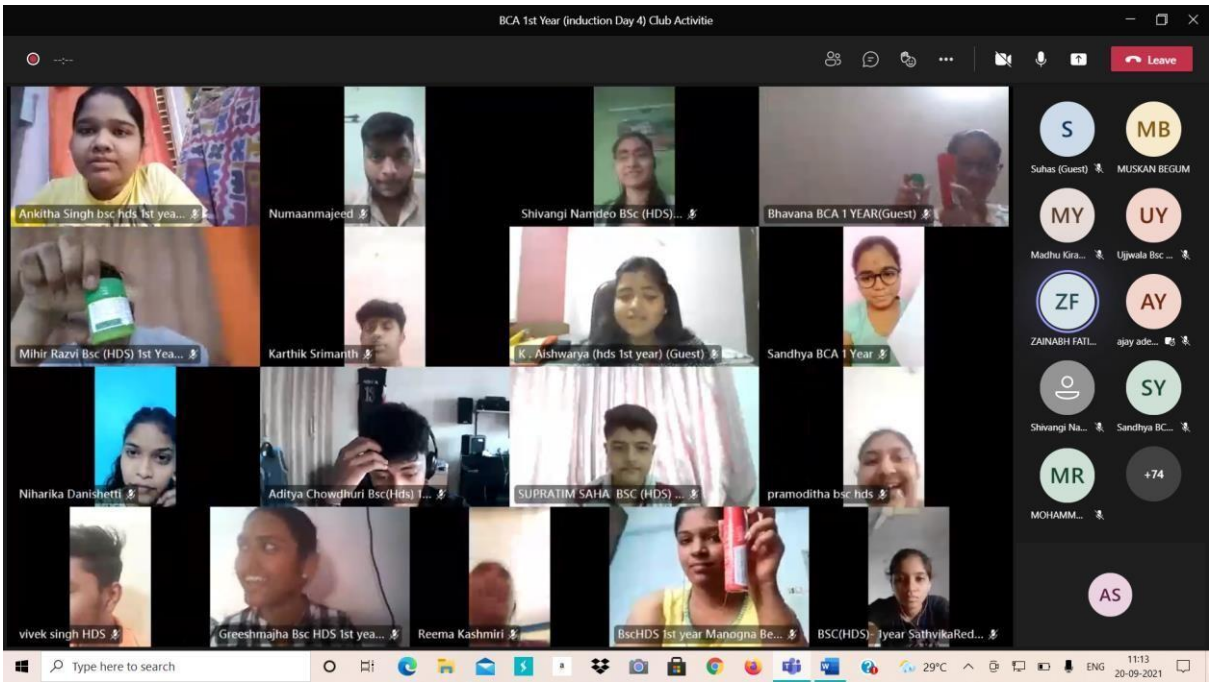
Online Induction Programme for the BCA and BSc(HDS) 1st year students was organised by the Fusion Tech club under the supervision of Event Incharge Ms. Jayalaxmi lecturer in Department of Computer Science. A total of 90 students participated in the programme on Microsoft Teams platform.

Event was divided into 3 modules with different activities as :

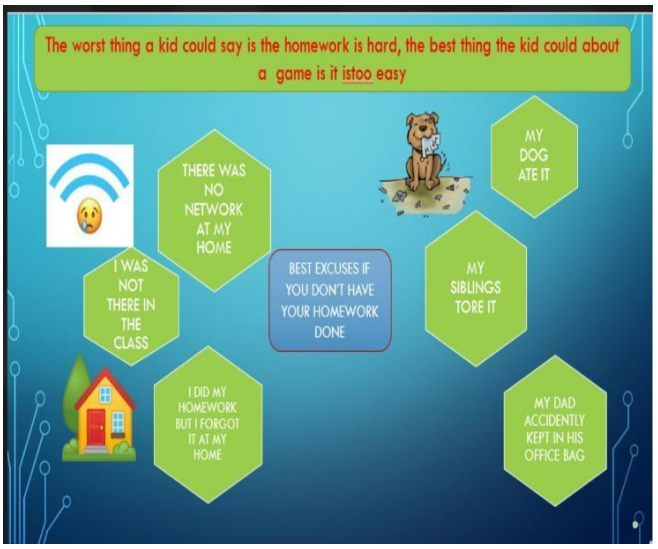
1. Filmy Dunia
2. Scavenger hunt
3. Grid IT

- The first activity Filmy Dunia was an activity where students had to guess the song or movie by seeing the picture/emoji presented.

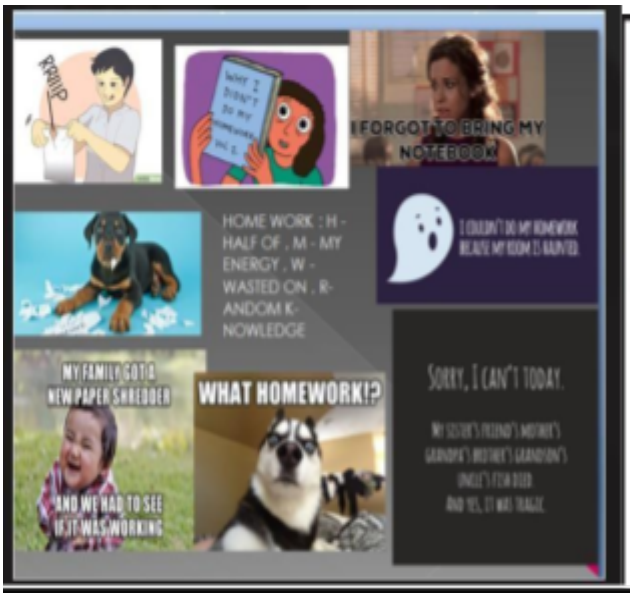
- The second activity was Scavenger Hunt, in this activity students were asked to switch on their video and they were asked to get few items asked by host and show with in a time limit and whoever got the item first were the appreciated.



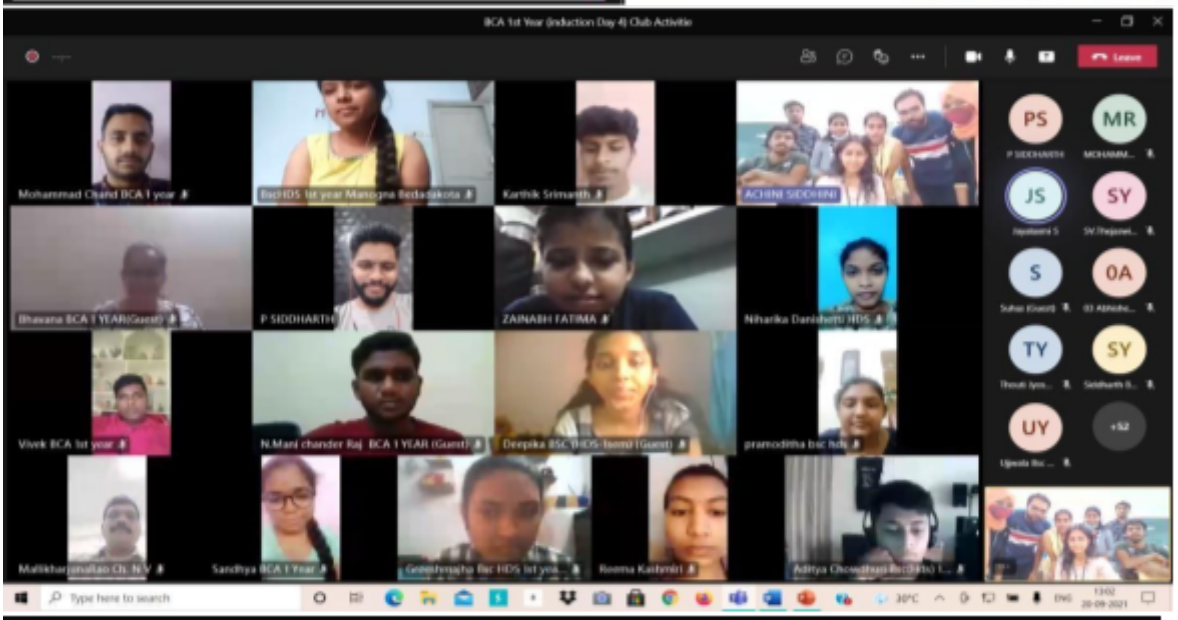
- The last activity was Grid-IT, in this activity they were given few topics from which the students had to select one topic and make a collage/poster relating the topic. Students were divided into rooms, there were 5 rooms. Each room had a fusion tech head for guiding and there were 5 posters in total.
- The winners were declared by polling.



- The event ended with taking the student feedback and reviews given by the students


I FORGOT TO BRING MY NOTEBOOK
HOME WORK : H - HALF OF , M - MY ENERGY , W - WASTED ON , R- ANDOM K- NOWLEDGE
I DIDN'T DO MY HOMEWORK BECAUSE MY ROOM IS HAUNTED.
MY FAMILY GOT A NEWPAPER SHREDDER
AND WE HAD TO SEE IF IT WAS WORKING
WHAT HOMEWORK!?
SORRY, I CAN'T TODAY.

"Don't use social media to impress people; use it to impact people."
DaveWillis.org


BCA 1st Year (Induction Day 4) Club Activitie
Mohammad Chand BCA 1 year
BscHDS 1st year Manogna Bedadakota
Karthik Srimanth
ACHINI SIDDHINI
Bhavana BCA 1 YEAR(Guest)
P SIDDHARTH
ZAINABH FATIMA
Niharika Danishetti HDS
Vivek BCA 1st year
N.Mani chander Raj BCA 1 YEAR (Guest)
Deepika BSC (HDS-Tamil (Guest)
pramoditha bsc hds
Sandhya BCA 1 Year
Reema Kashmiri
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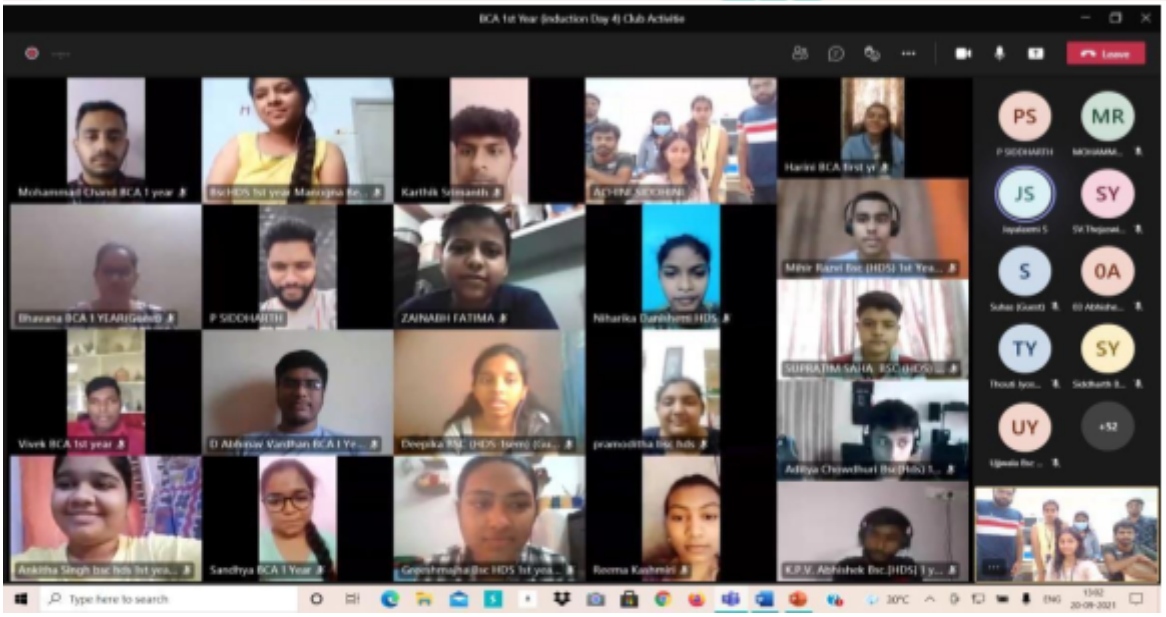
BCA 1st Year (Induction Day 4) Club Activitie
Mohammad Chand BCA 1 year
Karthik Srimanth
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Bhavana BCA 1 YEAR(Guest)
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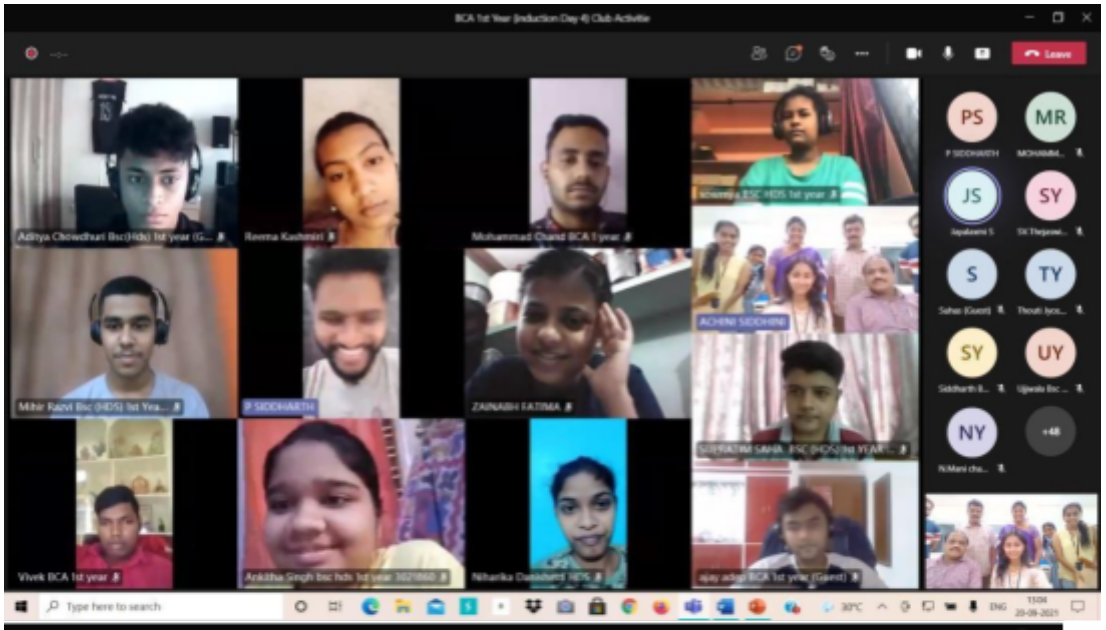
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Ankitha Singh bsc hds 1st year 3021860
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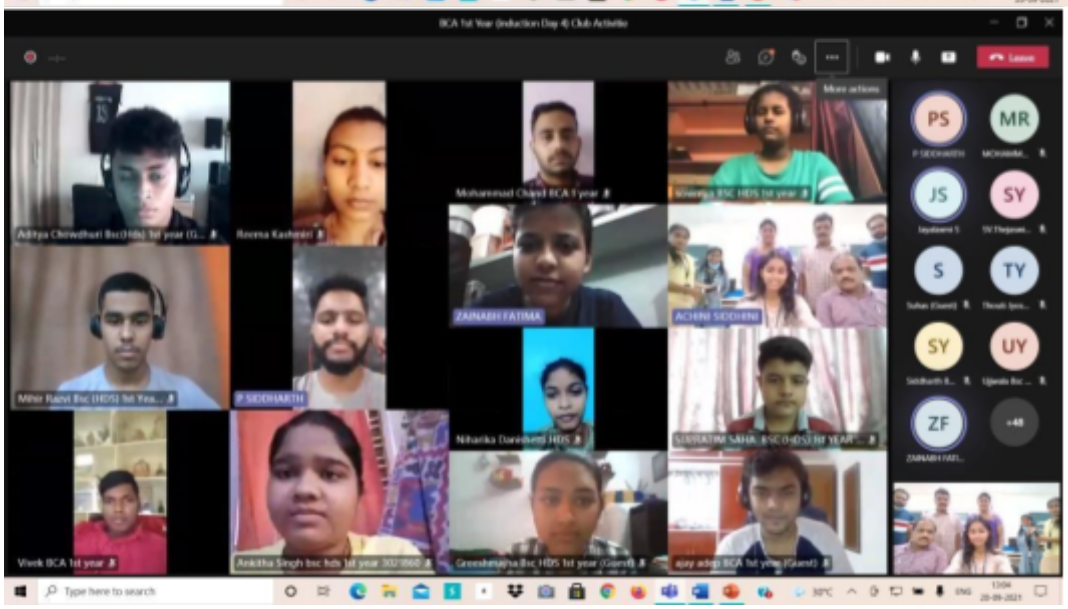
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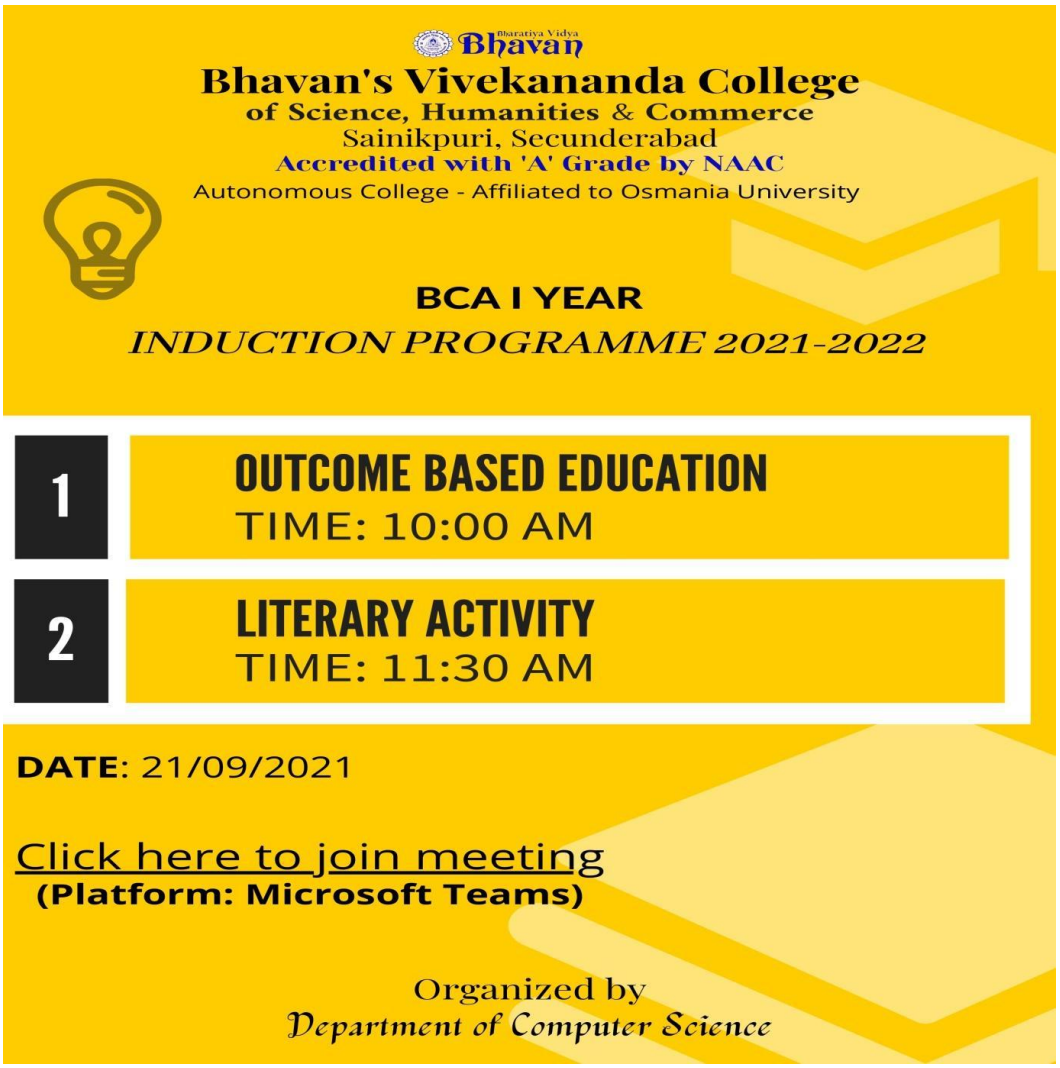
Outcome Based Education & Literary activities
conducted during
BCA I year 5- day Induction programme 2021-22:

As part of the 5-Day Induction prrogramme for the students of I year, a session on Outcome Based Education and Literary activities were scheduled on Day-5 of the Induction programme, i.e., on September 21, 2021.

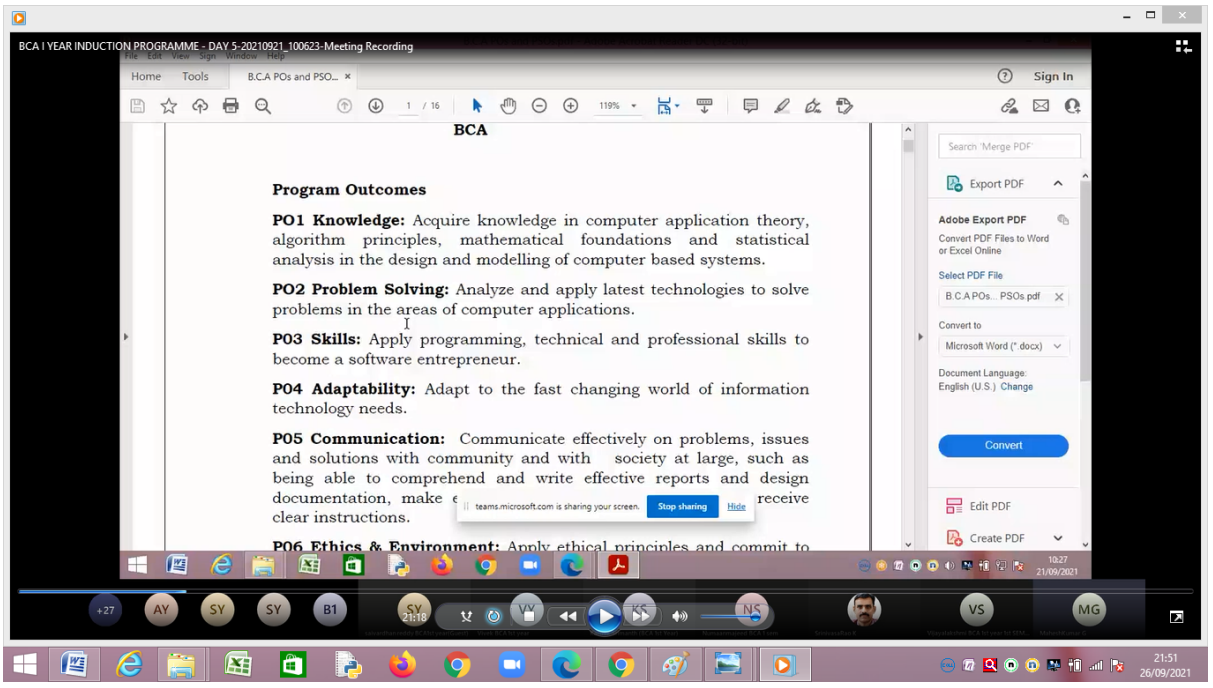


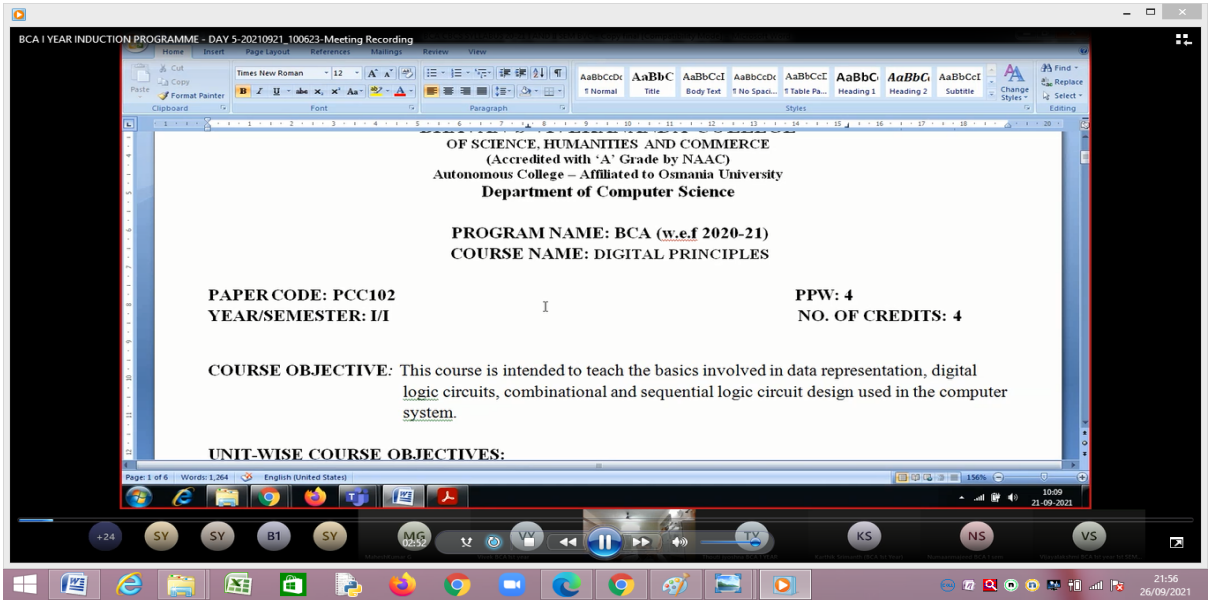
Induction programme - DAY 5

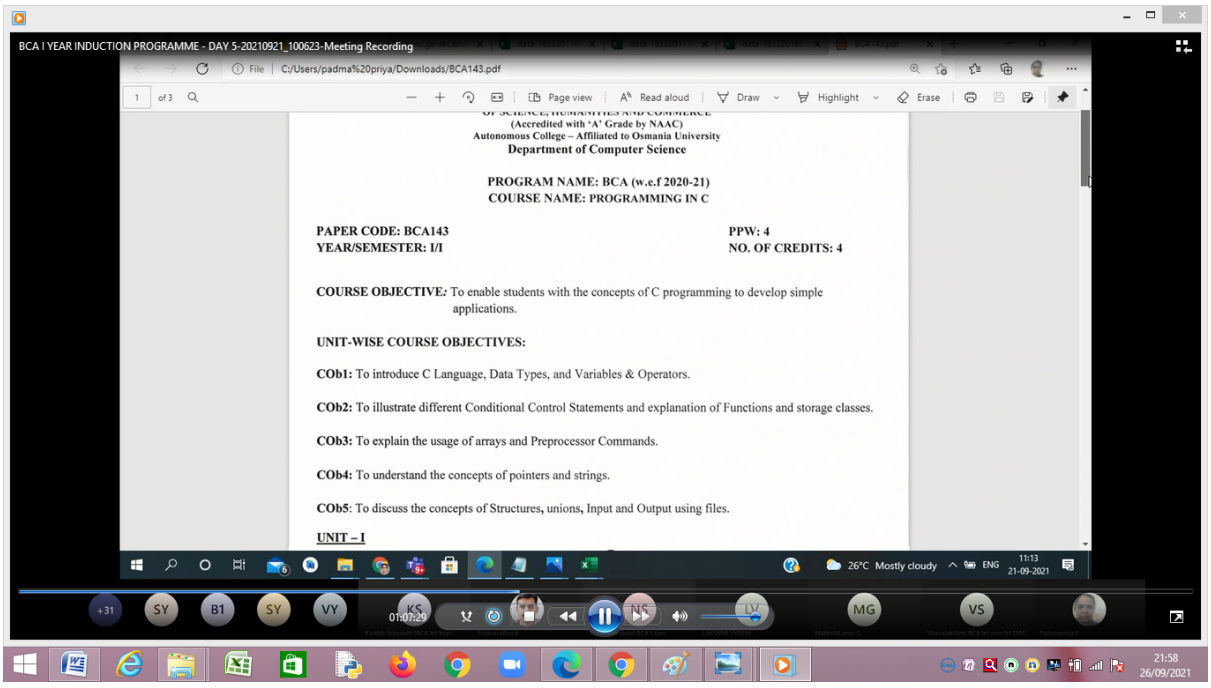
Outcome Based Education
Time: 10:00 a.m. – 11:30 a.m.

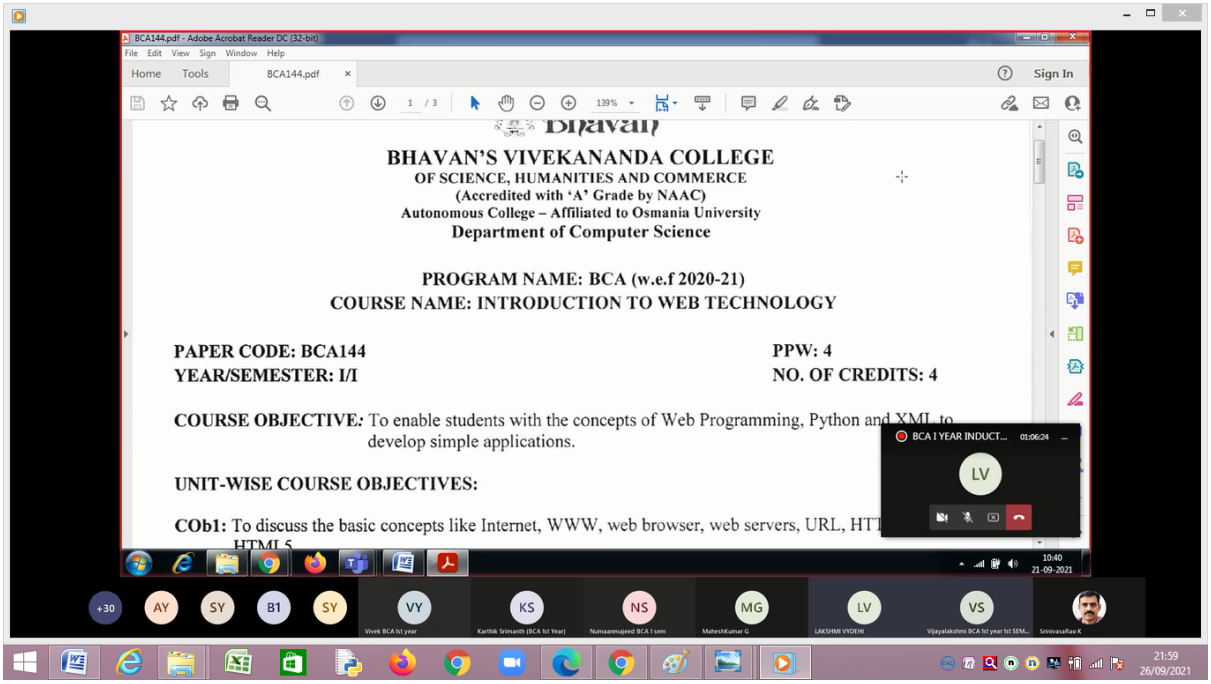
Mr. G Mahesh Kumar, Coordinator, BCA Programme, explained about the BCA Programme Outcomes and BCA Programme Specific Outcomes.

Mr.K Srinivasa Rao, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Digital Principles. Mrs. K Padma Priya, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Programming in 'C'. Mrs. Lakshmi Vydehi, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Introduction to Web Technology. Mrs. Krishnaveni, Lecturer, Department of Computer Science, explained the Course Objectives and Outcomes of Mathematical Foundations of Computer Science. Mrs. S Usha Rani, Lecturer in English, Department of Languages, explained Course Objectives and Outcomes of Effective Communication.




BCA I YEAR INDUCTION PROGRAMME - DAY 5-20210921_100623-Meeting Recording
OF SCIENCE, HUMANITIES AND COMMERCE
(Accredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University
Department of Computer Science
PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: DIGITAL PRINCIPLES
PAPER CODE: PCC102
YEAR/SEMESTER: I/I
PPW: 4
NO. OF CREDITS: 4
COURSE OBJECTIVE: This course is intended to teach the basics involved in data representation, digital logic circuits, combinational and sequential logic circuit design used in the computer system.
UNIT-WISE COURSE OBJECTIVES:


BCA I YEAR INDUCTION PROGRAMME - DAY 5-20210921_100623-Meeting Recording
C:/Users/padma%20priya/Downloads/BCA143.pdf
(Accredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University
Department of Computer Science
PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: PROGRAMMING IN C
PAPER CODE: BCA143
YEAR/SEMESTER: I/I
PPW: 4
NO. OF CREDITS: 4
COURSE OBJECTIVE: To enable students with the concepts of C programming to develop simple applications.
UNIT-WISE COURSE OBJECTIVES:
COb1: To introduce C Language, Data Types, and Variables & Operators.
COb2: To illustrate different Conditional Control Statements and explanation of Functions and storage classes.
COb3: To explain the usage of arrays and Preprocessor Commands.
COb4: To understand the concepts of pointers and strings.
COb5: To discuss the concepts of Structures, unions, Input and Output using files.
UNIT – I



BCA144.pdf - Adobe Acrobat Reader DC (32-bit)

BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES AND COMMERCE
(Accredited with 'A' Grade by NAAC)
Autonomous College – Affiliated to Osmania University
Department of Computer Science

PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: INTRODUCTION TO WEB TECHNOLOGY

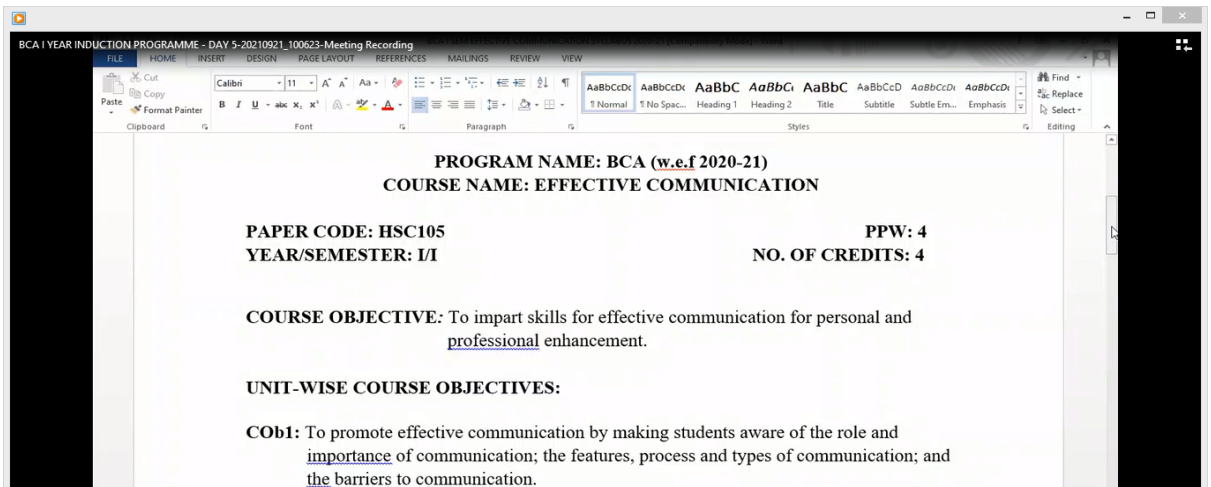
PAPER CODE: BCA144 **PPW: 4**
YEAR/SEMESTER: I/I **NO. OF CREDITS: 4**

COURSE OBJECTIVE: To enable students with the concepts of Web Programming, Python and XML to develop simple applications.

UNIT-WISE COURSE OBJECTIVES:

COb1: To discuss the basic concepts like Internet, WWW, web browser, web servers, URL, HTT
HTML 5

BCA I YEAR INDUCT... 01:06:24



BCA I YEAR INDUCTION PROGRAMME - DAY 5-20210921_100623-Meeting Recording

PROGRAM NAME: BCA (w.e.f 2020-21)
COURSE NAME: EFFECTIVE COMMUNICATION

PAPER CODE: HSC105 **PPW: 4**
YEAR/SEMESTER: I/I **NO. OF CREDITS: 4**

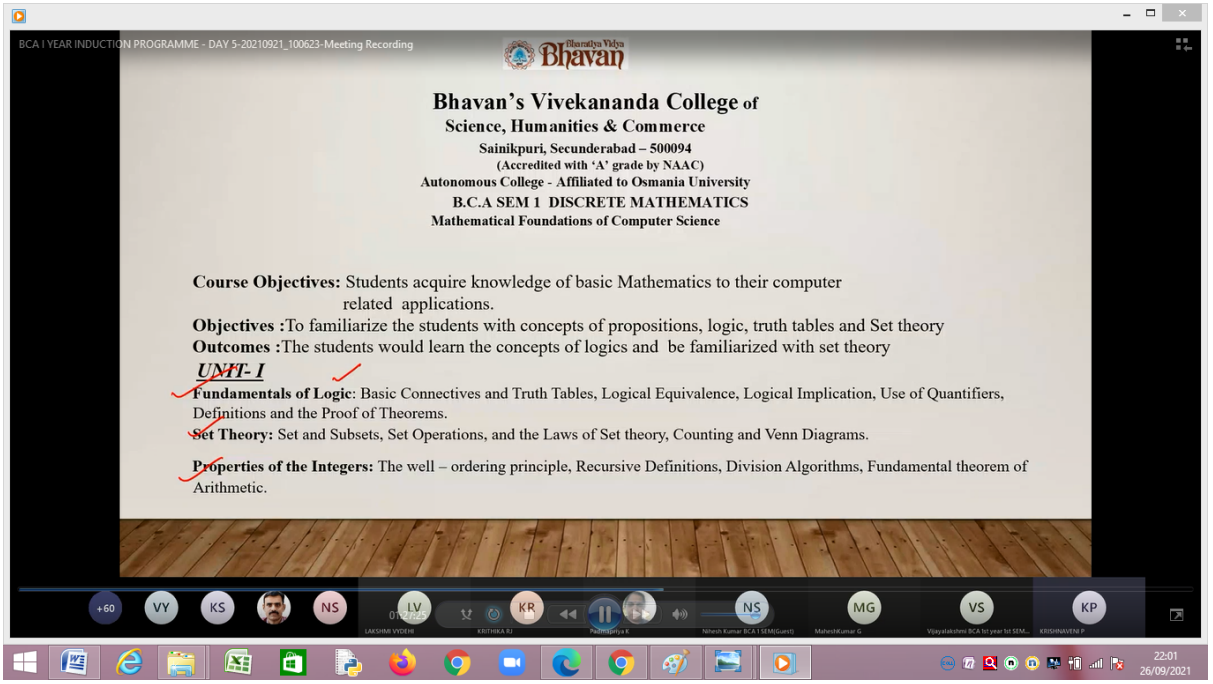
COURSE OBJECTIVE: To impart skills for effective communication for personal and professional enhancement.

UNIT-WISE COURSE OBJECTIVES:

COb1: To promote effective communication by making students aware of the role and importance of communication; the features, process and types of communication; and the barriers to communication.

COb2: To develop awareness of personality and interpersonal communication.

PAGE 1 OF 2 412 WORDS ENGLISH (UNITED STATES) 156%



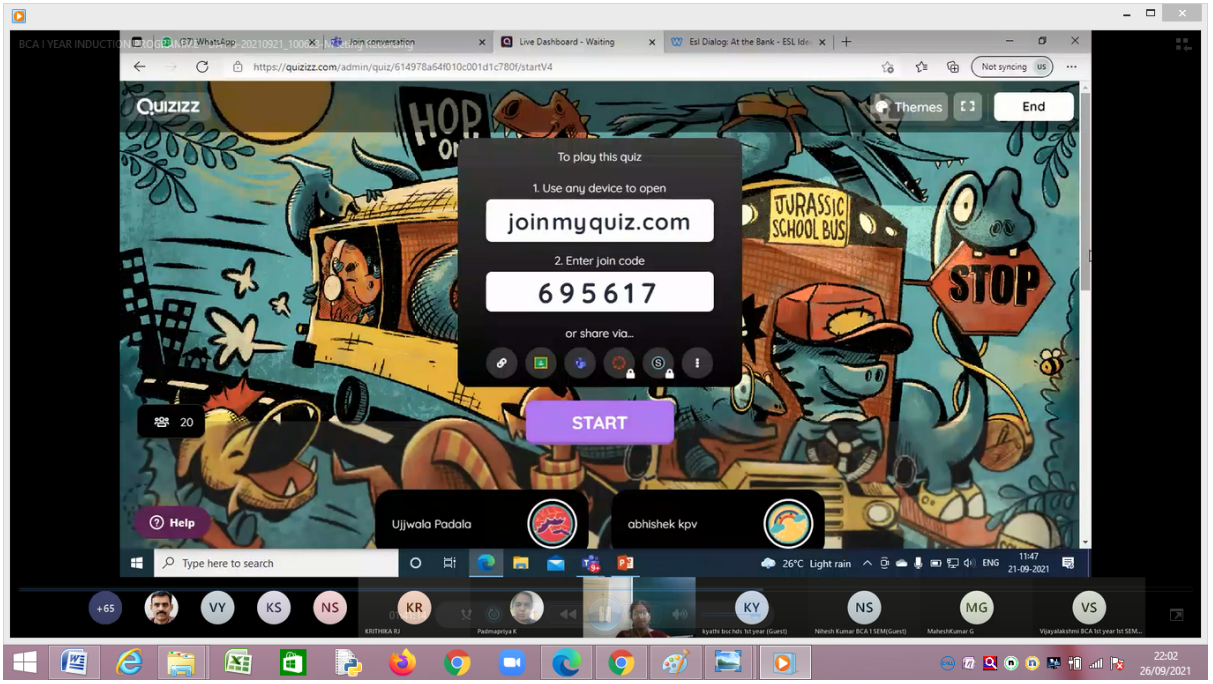
Literary activities
Time : 11:30 a.m. – 12:30 a.m.
Organiser : S. Usha Rani, Lecturer in English, Department of Languages

Time: 11:30 a.m. – 11:35 a.m.
Introduction

The introduction focused on discussing the significance of English language and establishing relevance. Information was provided to the students regarding the opportunities the college offers in the form of Literary Club, Vibha – the college magazine and Languages Day to promote their creativity and flair for the languages.

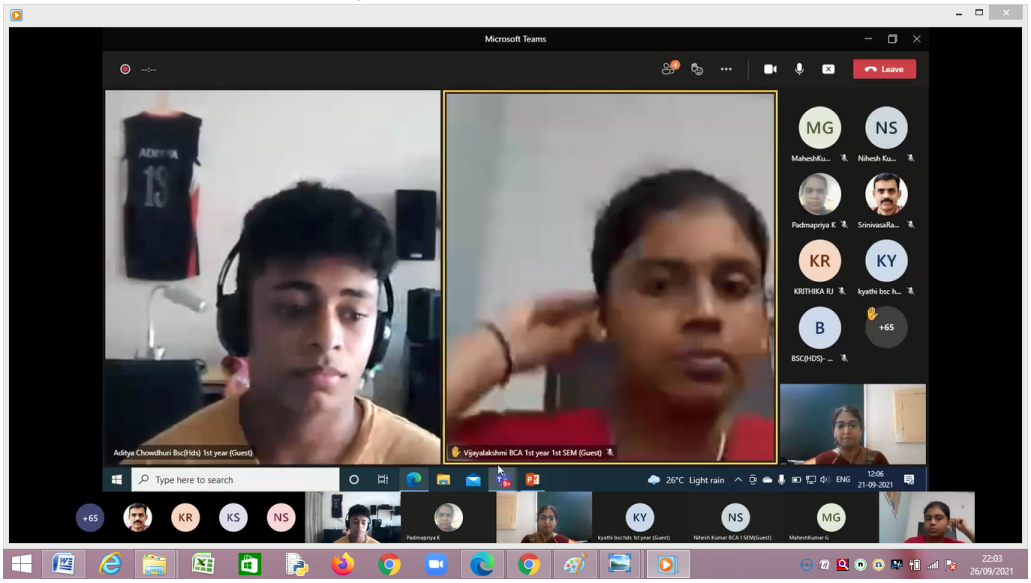
Time : 11:35 a.m. -11:55 a.m.
Activity 1 : Vocabulary quiz

The first activity was a vocabulary quiz conducted using 'Quizziz', an education-based platform. It was chosen to ensure maximum participation and also to serve as an ice-breaking activity. Students actively participated in the self-paced quiz. While enjoying the gamified quiz, they could also test their word power.



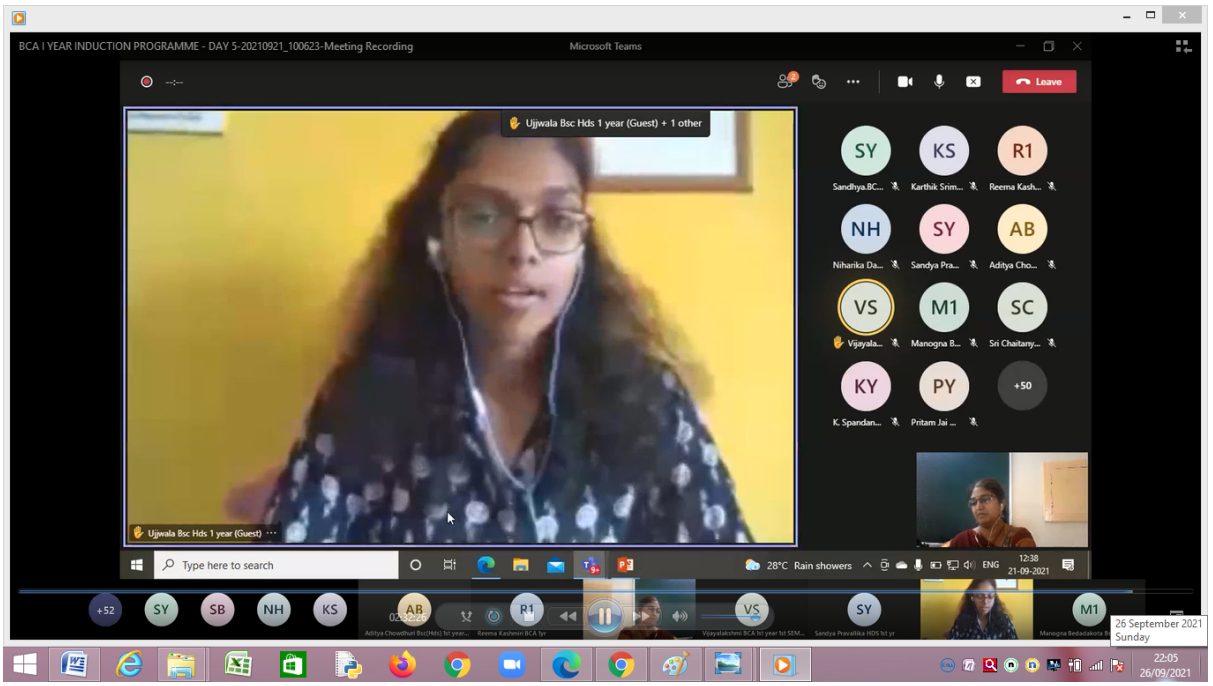
Time : 11:55 a.m. – 12:15 p.m.
Activity 2 : Role Play

Scripts for some conversations were shared on the screen and students were asked to volunteer to enact the roles in the scripts. Students enthusiastically paired up with their peers and enacted the roles, trying their best to use the right pronunciation and intonation. The idea was to encourage them to practice the correct usage of language though various situational dialogues, and to motivate them for further learning.



Time : 12:15 a.m. – 12:30 p.m.
Activity 3 : Just a Minute (JAM)

Students were challenged to speak for a minute on common topics, without deviation, repetition and hesitation. The challenge was accepted and sincere efforts were made to continue speaking relevantly for 60 seconds. The activity was to build confidence, promote interest towards learning English, demonstrate the importance of spontaneity and prepare them for impromptu speeches.



Skill Enhancement Course

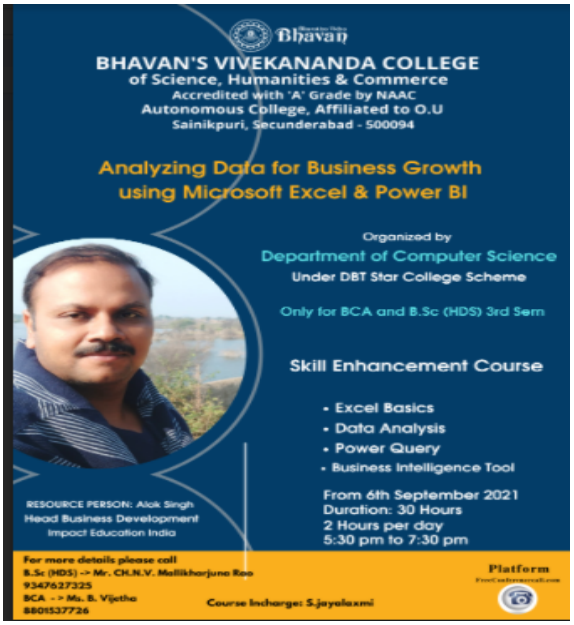
Analyzing Data for Business Growth using Advanced Excel and Power Bi

Under DBT Star College Scheme

The Department of Computer Science has organized Skill Enhancement Course on the topic "**Analyzing Data for Business Growth using Advanced Excel and Power Bi**" under DBT Star College Scheme for BCA II, BCA III, B.SC(HDS) II, B.Sc(Computer Science) III year Students and Faculty of our college, scheduled from 6th September, 2021 to 25th September, 2021(30 hrs).

The resource person was Mr. Alok Singh, Head, Business Development, Impact Education of India. The SEC was conducted through online platform i.e., FCC(Free Conference Call) everyday from 5:30PM under the guidance of Mrs. KVB. Saraswathi Devi (Head, Department of Computer Science) and Course Incharge Mrs. S.Jayalaxmi(Lecturer, Department of Computer Science) for 15days.

A total of 126 students and faculty registered, for the course out of which 100 students, 4 faculty have participated during the course from different locations using online mode.



The session has started with the importance of "**Analyzing Data for Business Growth using Advanced Excel and Power Bi"**. The topics which were covered under Advanced Excel for the first six days i.e., from 6th September, 2021 to 15th September, 2021 were: (6,7,8,13,14,15 September)

- Introduction to Data Driven Decision Making
- Fundamental of Excel

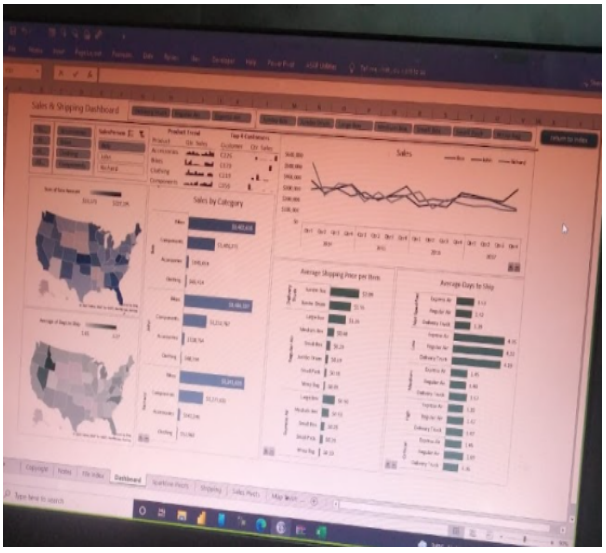
- Mathematical Functions
- Financial Functions- PMT,PPMT,IPMT,PV,FV
- Financial Functions- EMI calculator, Sensitivity Analysis
- Data Validation , Consolidate
- Logical Functions- if, and, or, not, lookup, vlookup, hlookup
- Logical Functions- sumif, sumifs, countif, countifs, identification of GAP & Duplicate
- What-if-Analysis - Goal Seek, Scenario Management, Data Table
- Statistical Functions- Descriptive Statistics, Histogram, Moving Average, Rank & Percentile
- Dashboard Creation with Pivot Table, Pivot Charts

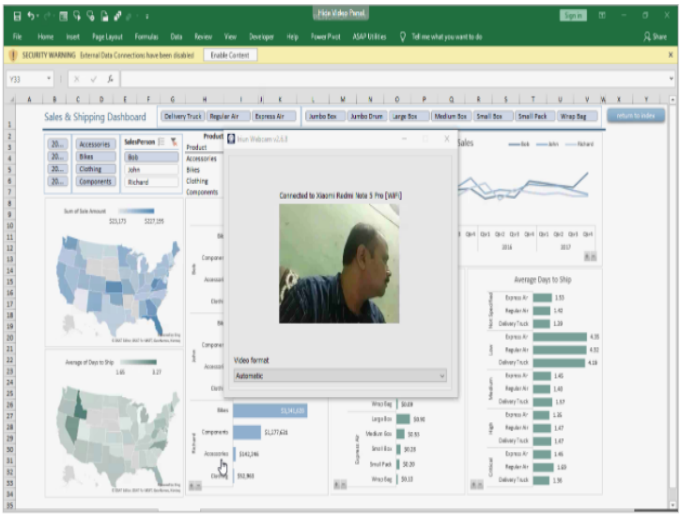
Power Bi course was started from 16th September, 2021 to 22nd September, 2021. The topics which were covered during those five days were: (16,17,20,21,22 September)

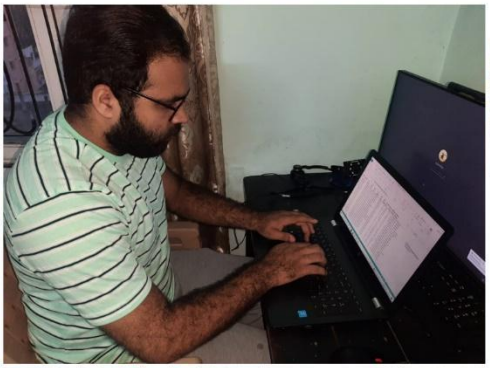
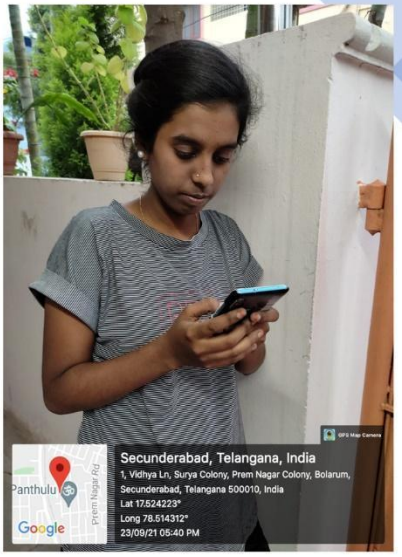
- Power Excel Tool- Power Pivot,Power Query,Power Map
- Into to Business Intelligence Tool- Mircosoft Power BI
- Data Visualisation & Analysis- using Power BI

Data Visualization Dashboard and Tableau were taught from 23rd September, 2021 to 25th September, 2021. The topics covered for these three days were:(23,24,25 September)

- Data Visualisation - using Tableau
- Data Analysis- using Tableau



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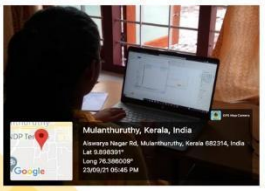
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Secunderabad, Telangana, India
37, Laxmi Narsimha Colony, Maithri Vanam, Old
Bowenpally, Secunderabad, Telangana 500015, India
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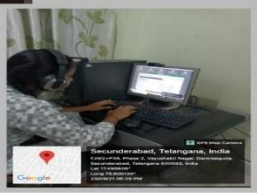

Secunderabad, Telangana, India
Hyderabad, Telangana, India
Hyderabad, TG, India
Road Number 6, Qutubullapur, Hyderabad, 500054, TG, India
Lat 17.498607°, Long 78.464789°
09/23/2021 06:00 PM

Secunderabad, Telangana, India
14- 92, Seetha Balaiah Yadav, Sri Saipuri Colony, Shri Laxmi Enclave, New Mirjalguda, Malkajgiri, Secunderabad, Telangana 500047, India
Lat 17.445663°
Long 78.531912°
23/09/21 06:53 PM
Secunderabad, Telangana, India
12-10-695/8, Indira Nagar, Padmarao Nagar, Secunderabad, Telangana 500061, India
Lat 17.421573°
Long 78.516758°
23/09/21 05:34 PM
Secunderabad, Telangana, India
14- 92, Seetha Balaiah Yadav, Sri Saipuri Colony, Shri Laxmi Enclave, New Mirjalguda, Malkajgiri, Secunderabad, Telangana 500047, India
Lat 17.44561°
Long 78.531892°
23/09/21 06:51 PM
Secunderabad, Telangana, India
30-294/2A, Ganesh Nagar, Moula Ali, Secunderabad, Telangana 500056, India
Lat 17.468458°
Long 78.543953°
23/09/21 06:45 PM
Hyderabad, Telangana, India
3-145/12B, Hakimpet village colony, Hakimpet, Hyderabad, Telangana 500014, India
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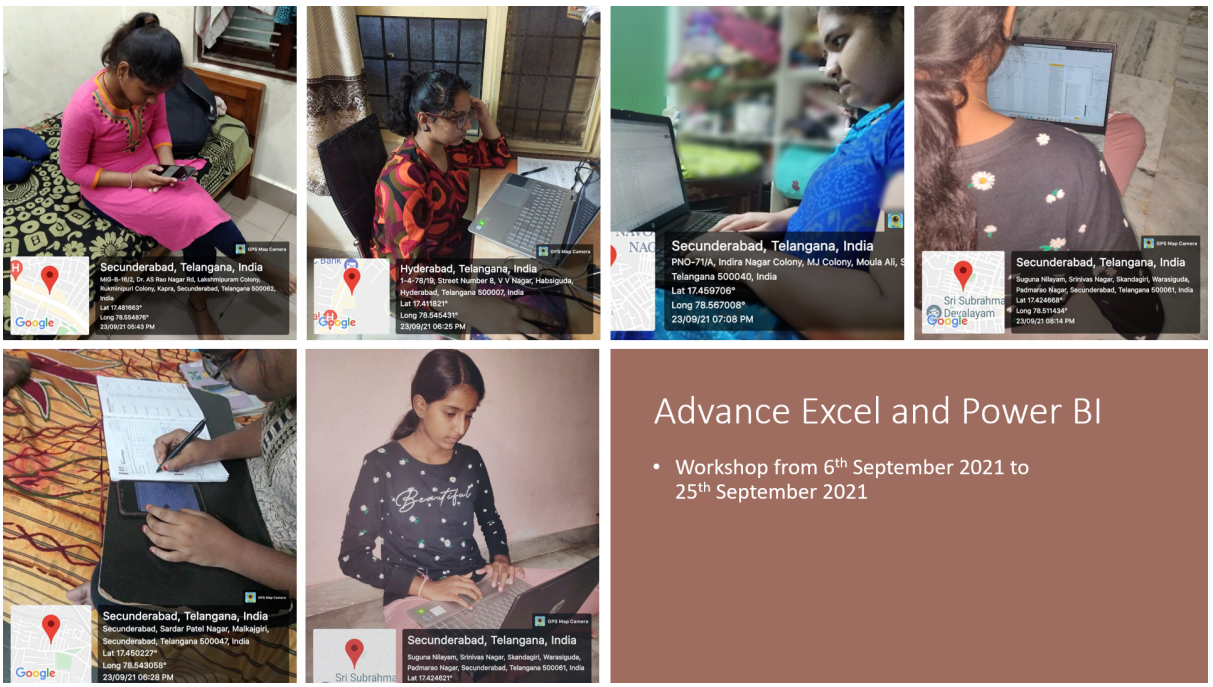

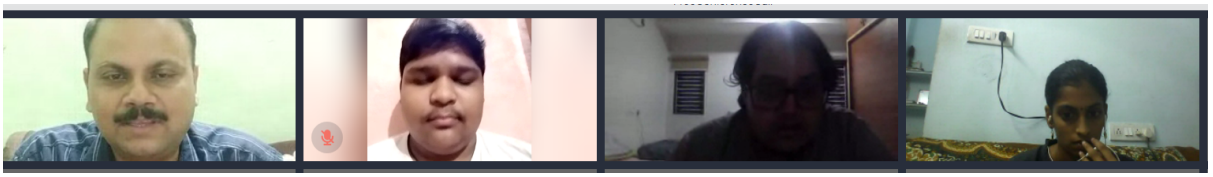

The participants were very interactive during the session and all the queries were clarified during the course by Mr. Alok Singh (Resource person). Certificates were issued to all the participants after the completion of the course on "Analyzing Data for Business Growth using Advanced Excel and Power Bi".

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

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.

Microsoft Teams
Participants
Invite someone or dial a number
Share invite
Presenters (8)
RamaKrishna D
31_Bhavagna
Outside your organization
474050_Potlapally Padmasree
Guest
67 Harshitha Bude
Outside your organization
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
Pravallika (Guest)
Guest
Sourav Yadav
Outside your organization
MallikharjunaRao Ch. N V
Sourav Yadav
Dilip Patro (Guest)
Padmapriya K
Pravallika (Guest)
Shiva Dey
31_Bhavagna
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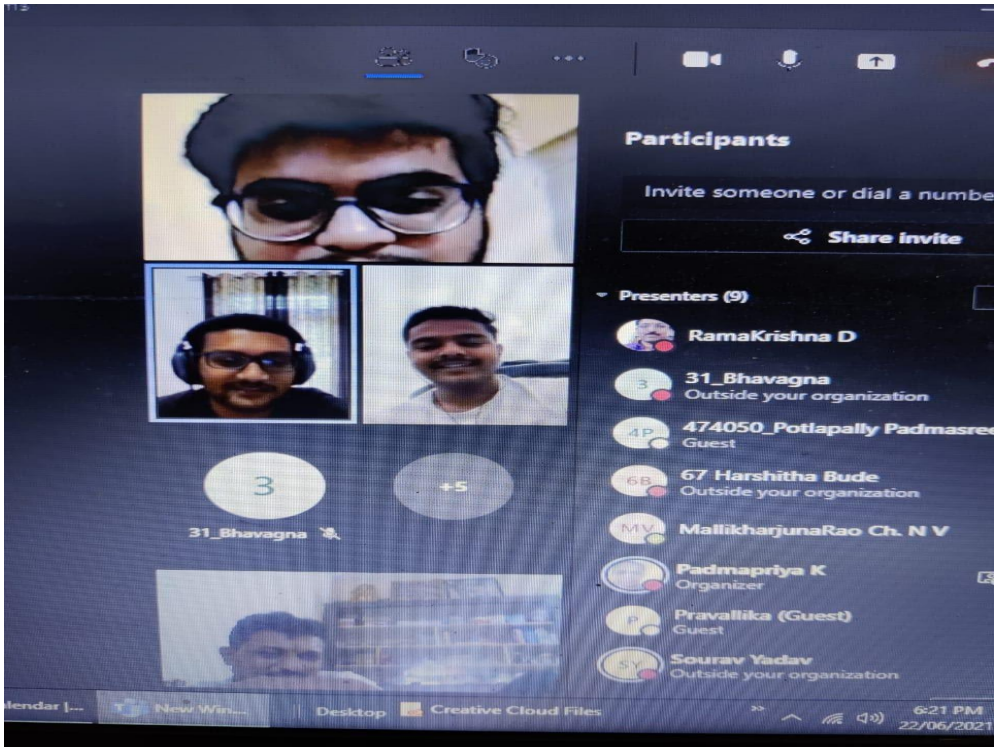
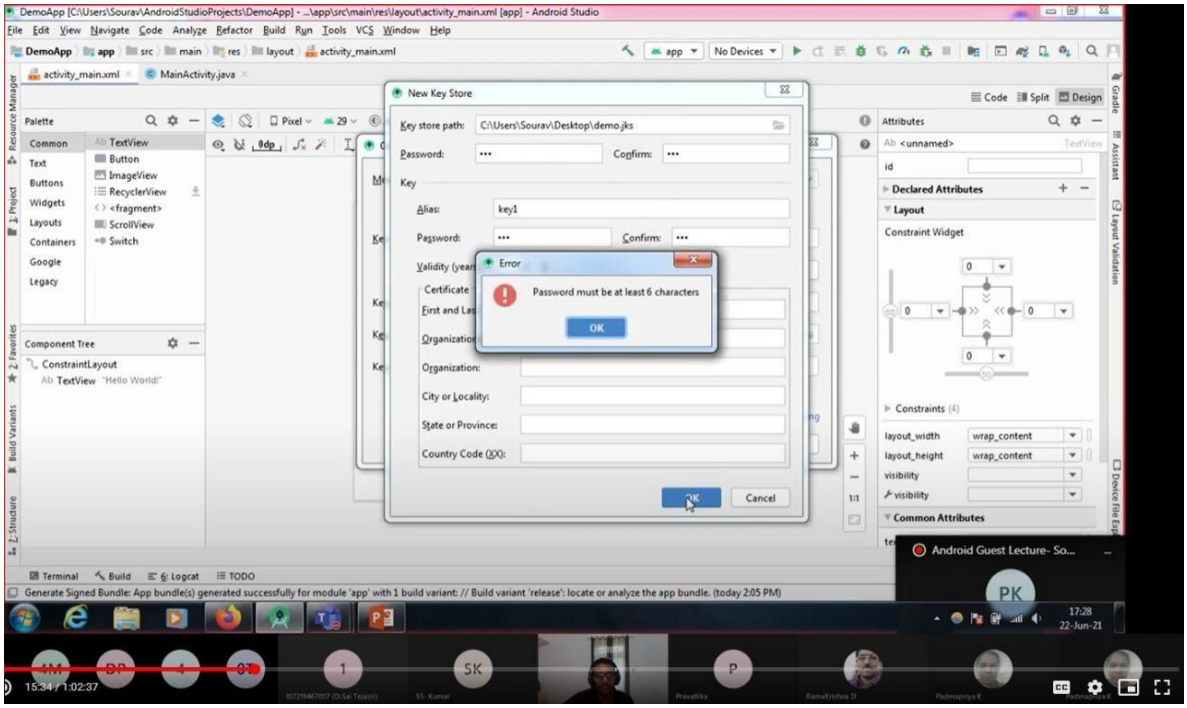
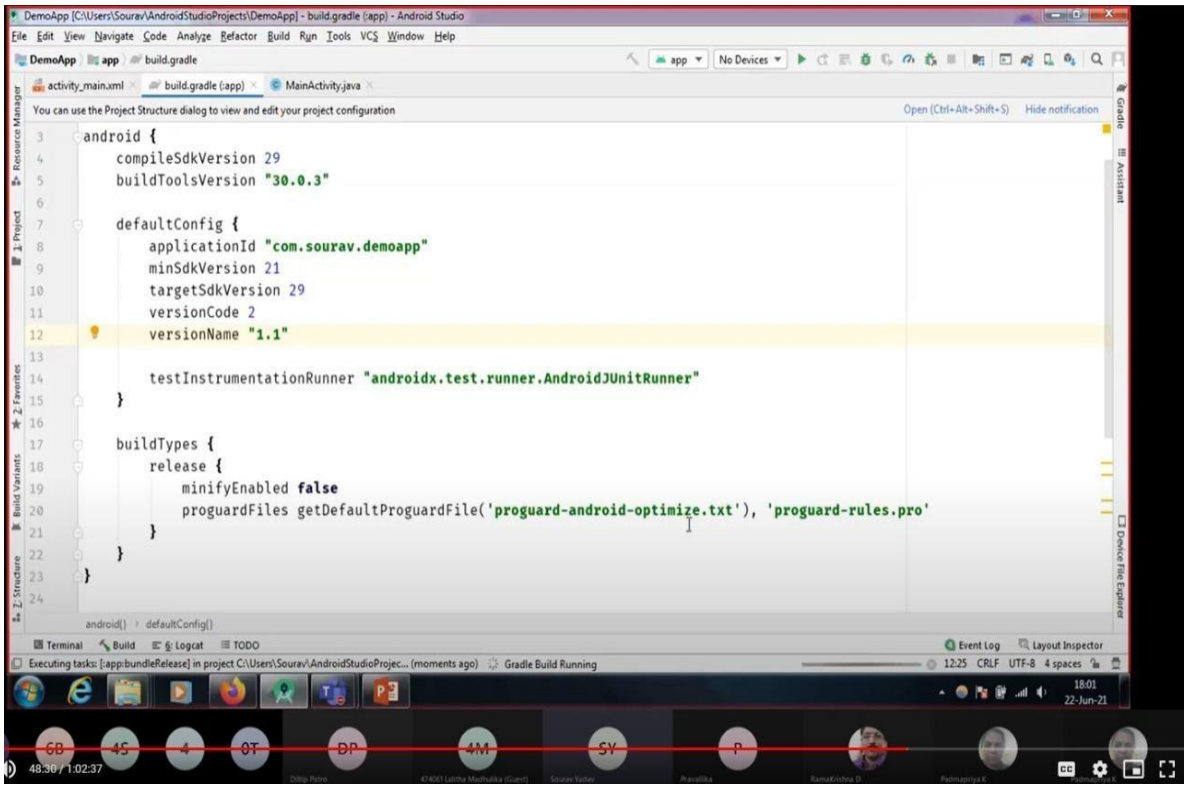
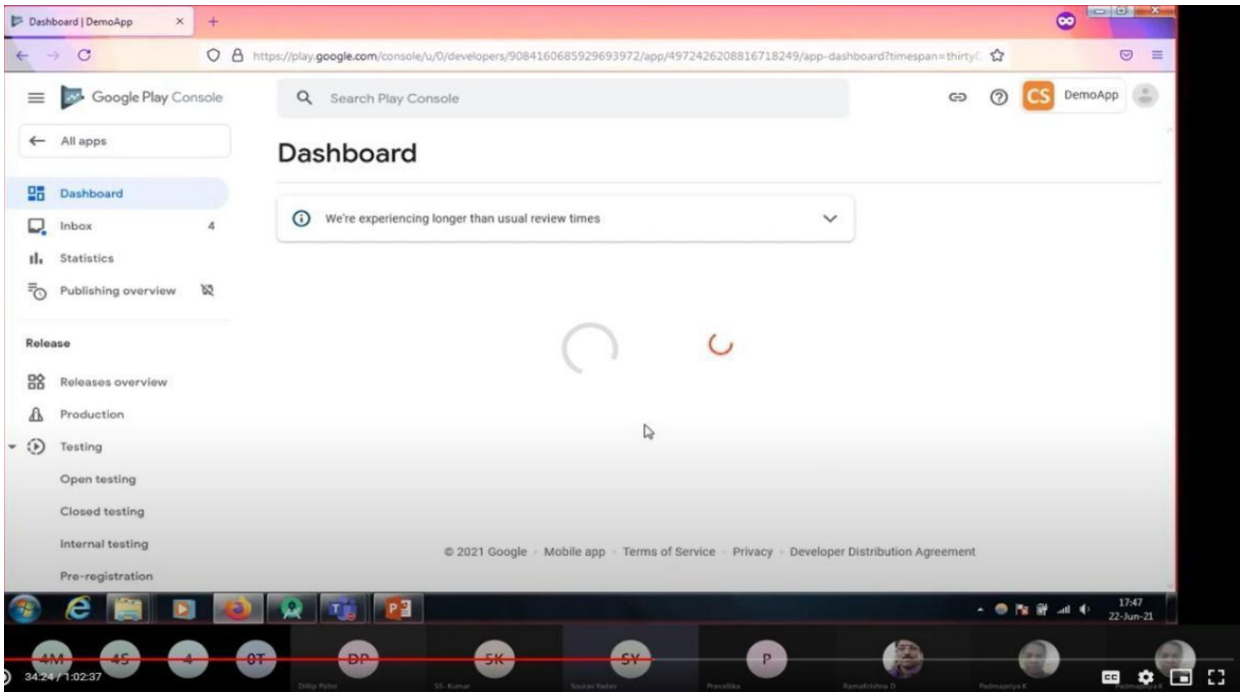
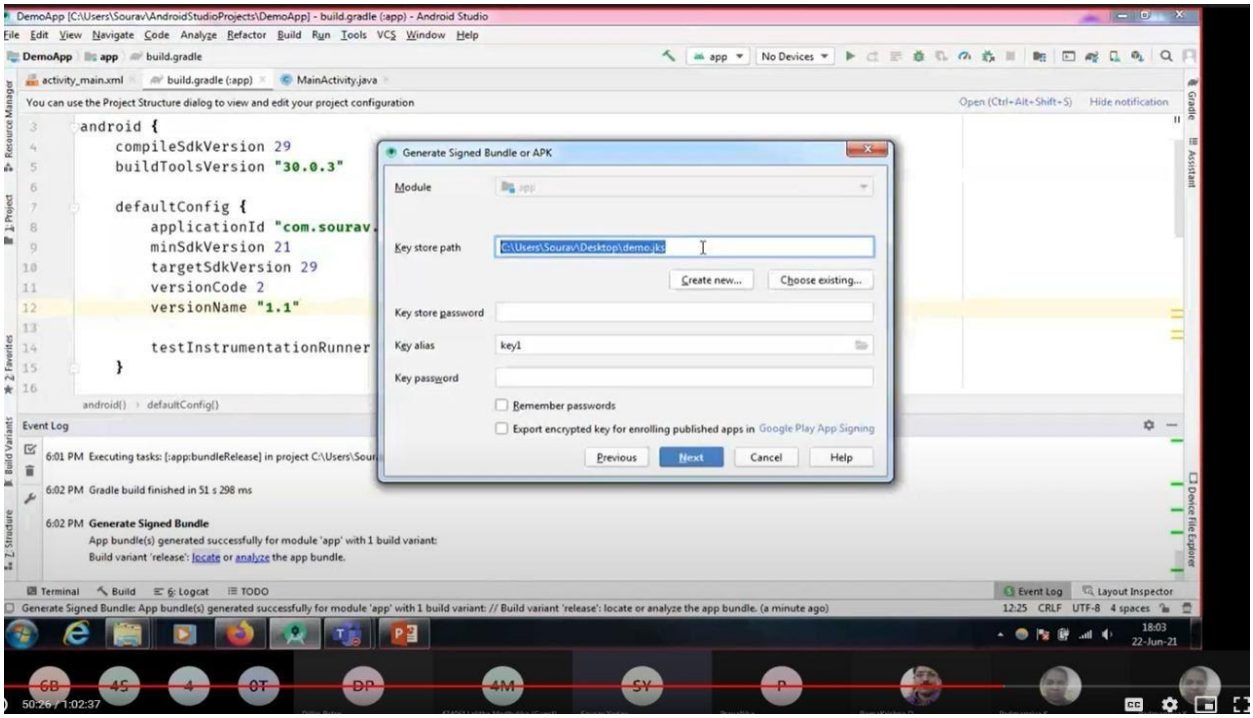
lenovo

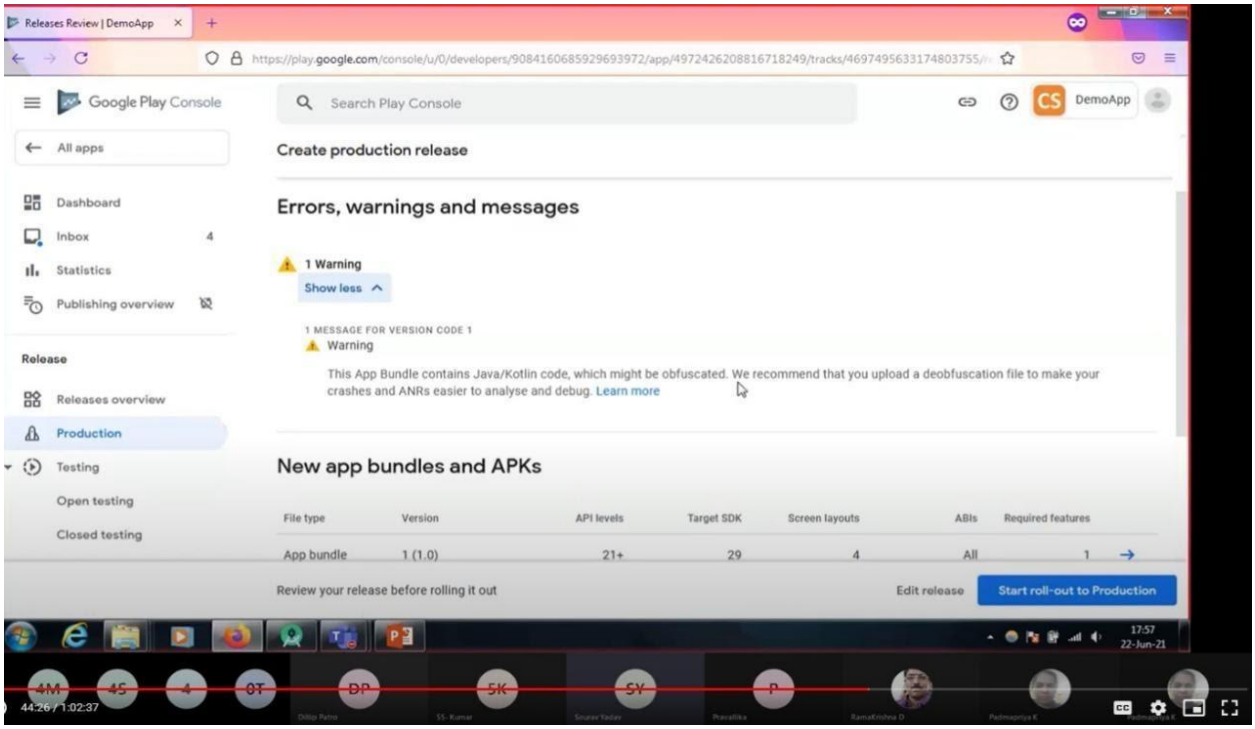

Participants
Invite someone or dial a numbe
Share invite
Presenters (9)
RamaKrishna D
31_Bhavagna
Outside your organization
474050_Potlapally Padmasree
Guest
67 Harshitha Bude
Outside your organization
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
Pravallika (Guest)
Guest
Sourav Yadav
Outside your organization
3
+5
31_Bhavagna
Desktop
Creative Cloud Files
6:21 PM
22/06/2021


DemoApp [C:\Users\Sourav\AndroidStudioProjects\DemoApp] - ...\app\src\main\res\layout\activity_main.xml [app] - Android Studio
New Key Store
Key store path: C:\Users\Sourav\Desktop\demo.jks
Password:
Confirm:
Key
Alias: key1
Password:
Confirm:
Validity (years):
Certificate
First and Last Name:
Organizational Unit:
Organization:
City or Locality:
State or Province:
Country Code (XX):
OK
Cancel
Error
Password must be at least 6 characters
OK
Android Guest Lecture- So...
Generate Signed Bundle: App bundle(s) generated successfully for module 'app' with 1 build variant: // Build variant 'release': locate or analyze the app bundle. (today 2:05 PM)
15:34 / 1:02:37


DemoApp [C:\Users\Sourav\AndroidStudioProjects\DemoApp] - build.gradle (:app) - Android Studio
You can use the Project Structure dialog to view and edit your project configuration
Open (Ctrl+Alt+Shift+S)
Hide notification
android {
compileSdkVersion 29
buildToolsVersion "30.0.3"
defaultConfig {
applicationId "com.sourav.demoapp"
minSdkVersion 21
targetSdkVersion 29
versionCode 2
versionName "1.1"
testInstrumentationRunner "androidx.test.runner.AndroidJUnitRunner"
}
buildTypes {
release {
minifyEnabled false
proguardFiles getDefaultProguardFile('proguard-android-optimize.txt'), 'proguard-rules.pro'
}
}
}
Executing tasks: [:app:bundleRelease] in project C:\Users\Sourav\AndroidStudioProjec... (moments ago)
Gradle Build Running
48:30 / 1:02:37


Dashboard | DemoApp
https://play.google.com/console/u/0/developers/9084160685929693972/app/4972426208816718249/app-dashboard?timespan=thirty
Google Play Console
Search Play Console
DemoApp
All apps
Dashboard
Inbox 4
Statistics
Publishing overview
Release
Releases overview
Production
Testing
Open testing
Closed testing
Internal testing
Pre-registration
Dashboard
We're experiencing longer than usual review times
© 2021 Google · Mobile app · Terms of Service · Privacy · Developer Distribution Agreement
17:47
22-Jun-21
34:24 / 1:02:37


DemoApp [C:\Users\Sourav\AndroidStudioProjects\DemoApp] - build.gradle (:app) - Android Studio
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
activity_main.xml
build.gradle (:app)
MainActivity.java
You can use the Project Structure dialog to view and edit your project configuration
Open (Ctrl+Alt+Shift+S)
Hide notification
android {
compileSdkVersion 29
buildToolsVersion "30.0.3"
defaultConfig {
applicationId "com.sourav.
minSdkVersion 21
targetSdkVersion 29
versionCode 2
versionName "1.1"
testInstrumentationRunner
}
Generate Signed Bundle or APK
Module
Key store path
C:\Users\Sourav\Desktop\demo.jks
Create new...
Choose existing...
Key store password
Key alias
key1
Key password
Remember passwords
Export encrypted key for enrolling published apps in Google Play App Signing
Previous
Next
Cancel
Help
Event Log
6:01 PM Executing tasks: [:app:bundleRelease] in project C:\Users\Sour
6:02 PM Gradle build finished in 51 s 298 ms
6:02 PM Generate Signed Bundle
App bundle(s) generated successfully for module 'app' with 1 build variant:
Build variant 'release': locate or analyze the app bundle.
Terminal
Build
Logcat
TODO
Event Log
Layout Inspector
Generate Signed Bundle: App bundle(s) generated successfully for module 'app' with 1 build variant: // Build variant 'release': locate or analyze the app bundle. (a minute ago)
12:25 CRLF UTF-8 4 spaces
18:03
22-Jun-21
50:26 / 1:02:37


Releases Review | DemoApp
https://play.google.com/console/u/0/developers/9084160685929693972/app/4972426208816718249/tracks/4697495633174803755/
Google Play Console
Search Play Console
DemoApp
All apps
Create production release
Dashboard
Inbox 4
Statistics
Publishing overview
Release
Releases overview
Production
Testing
Open testing
Closed testing
Errors, warnings and messages
1 Warning
Show less
1 MESSAGE FOR VERSION CODE 1
Warning
This App Bundle contains Java/Kotlin code, which might be obfuscated. We recommend that you upload a deobfuscation file to make your crashes and ANRs easier to analyse and debug. Learn more
New app bundles and APKs
File type
Version
API levels
Target SDK
Screen layouts
ABIs
Required features
App bundle
1 (1.0)
21+
29
4
All
1
Review your release before rolling it out
Edit release
Start roll-out to Production
17:57
22-Jun-21
44:26 / 1:02:37

Report

Arduino with Real Time Examples

There was a Guest Lecture on 8th June and 9th 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(8th June 2021)

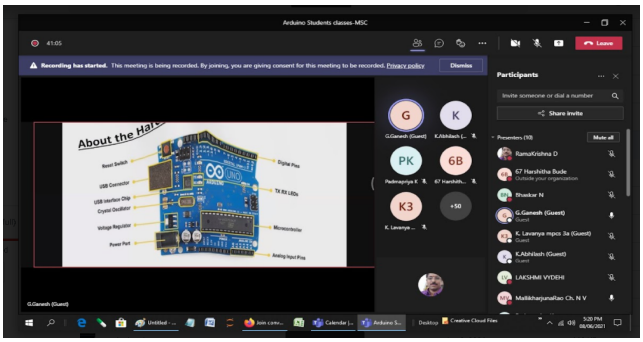
What is Arduino? History of Arduino, what can the Arduino do? Advantages, About Arduino hardware, about sensors, about shields, About Arduino software, Installation and program uploading steps, Different types of Arduino boards? which one is to be used? Simple example

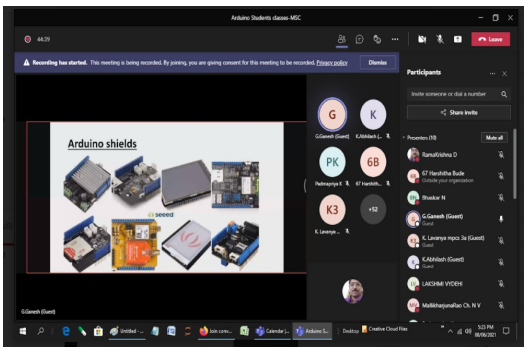
2nd day(9th June 2021)

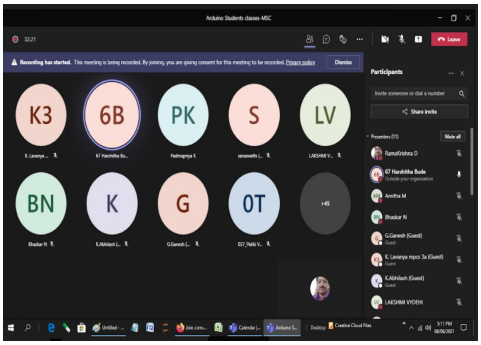
Connection of Bluetooth, sensor HC05 with Arduino and mobile| Voice commands,

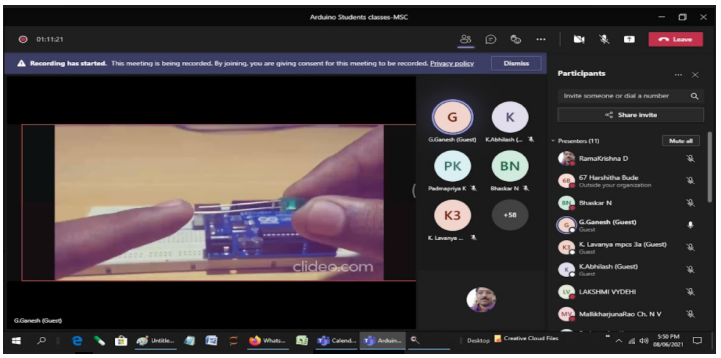
Home security by using gsm module, Car locking system using alcohol detector in Arduino

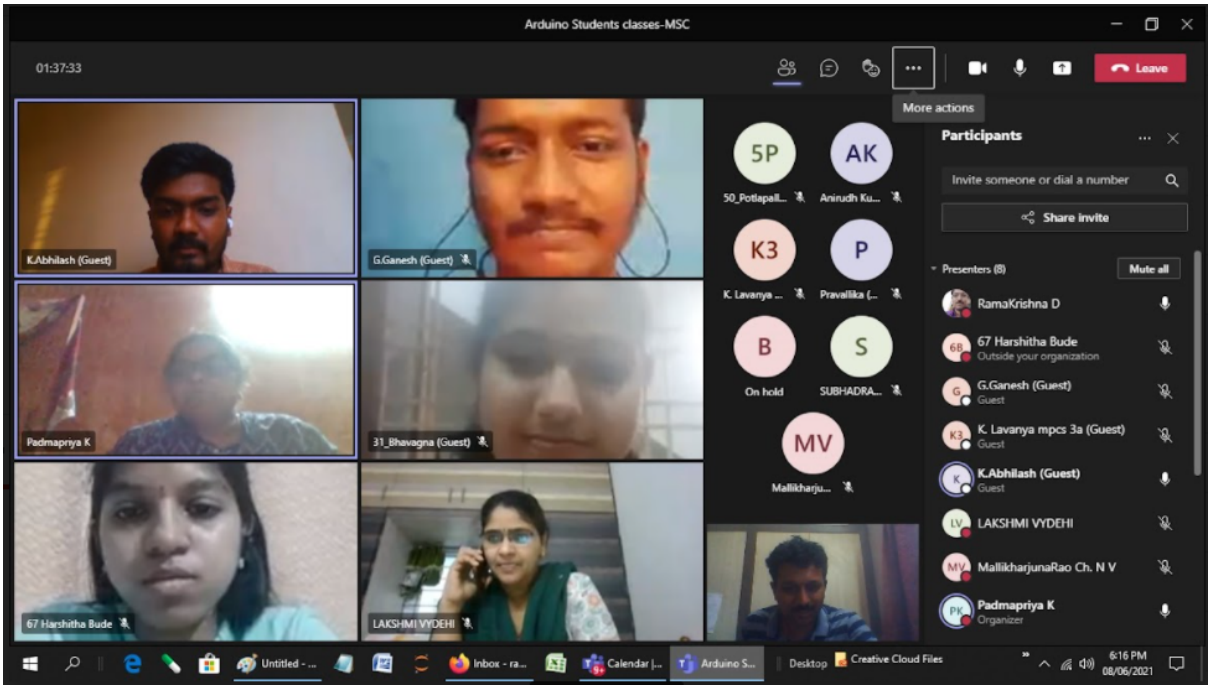
Meeting Summary					
Total Number of F	129				
Meeting Title	Arduino Students classes-MSC				
Meeting Start Tir	6/8/2021, 4:44:08 PM				
Meeting End Tim	6/8/2021, 6:22:23 PM				
Full Name	Join Time	Leave Time	Duration	Email	Role
Padmapriya K	6/8/2021, 4:44:08	6/8/2021, 6:22:23	1h 38m	Padmapriya1304	Organizer
K.Abhilash (Gue	6/8/2021, 4:44:24	6/8/2021, 6:22:23	1h 37m		Presenter
K. Lavanya mpcs	6/8/2021, 4:45:59	6/8/2021, 6:22:18	1h 36m		Presenter
G.Ganesh	6/8/2021, 4:45:59	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, 4:52:08	6/8/2021, 5:15:24	23m 18s		Attendee
107218467071 S	6/8/2021, 4:52:18	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, 4:52:25	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, 6:08:08	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

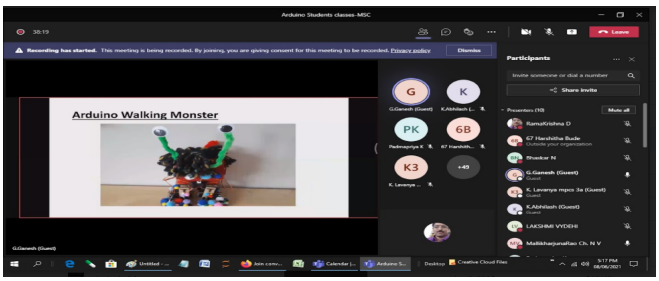


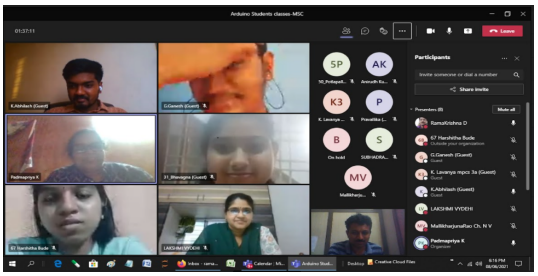


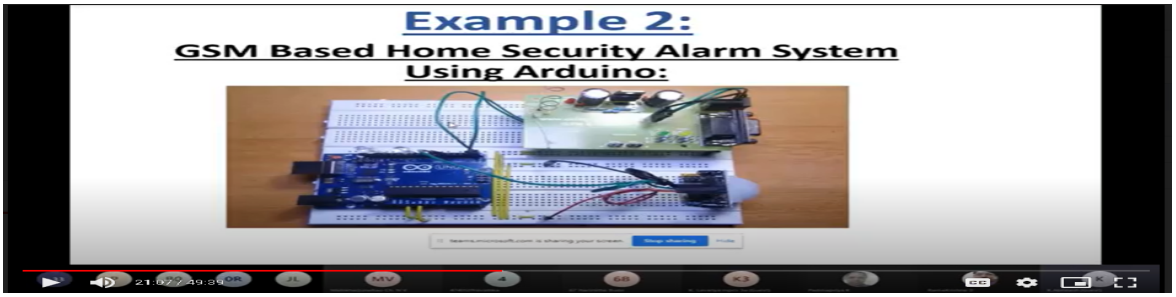


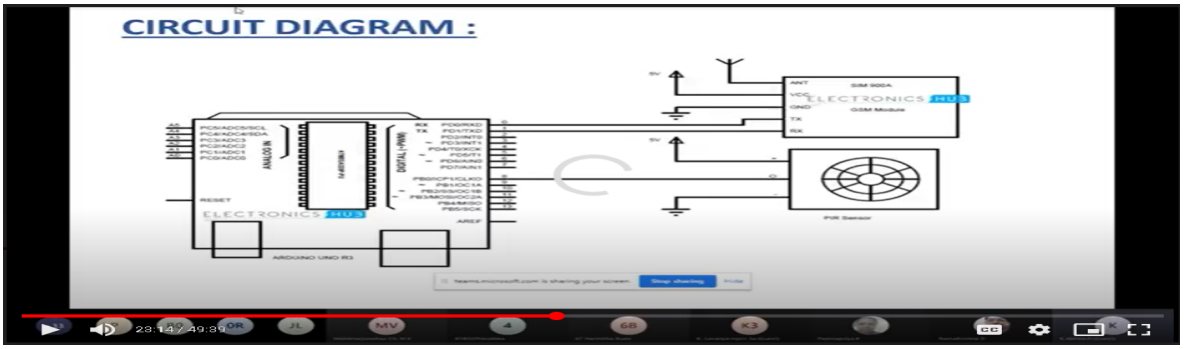



Arduino Students classes-MSC
01:37:33
Leave
More actions
Participants
Invite someone or dial a number
Share invite
Presenters (8)
Mute all
RamaKrishna D
67 Harshitha Bude
Outside your organization
G.Ganesh (Guest)
Guest
K. Lavanya mpcs 3a (Guest)
Guest
K.Abhilash (Guest)
Guest
LAKSHMI VYDEHI
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
K.Abhilash (Guest)
G.Ganesh (Guest)
Padmapriya K
31_Bhavagna (Guest)
67 Harshitha Bude
LAKSHMI VYDEHI
On hold
SUBHADRA...
Mallikharju...
Desktop
Creative Cloud Files
6:16 PM
08/06/2021

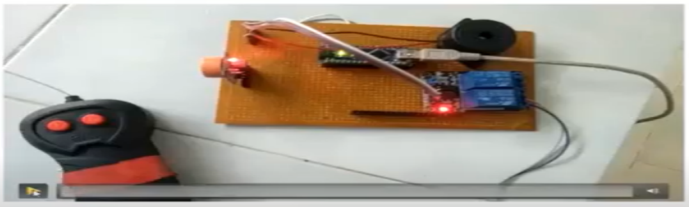

Arduino Walking Monster




Example 2:
GSM Based Home Security Alarm System
Using Arduino:


CIRCUIT DIAGRAM :

DEMONSTRATION VIDEO:



- IGNORE THE DISTURBANCE!

Play (k)

Students Lecture Series on Android

Bhavan

BHAVAN'S VIVEKANANDA COLLEGE

of Science, Humanities & Commerce

Sainikpuri, Secunderabad - 500094

Autonomous College, Affiliated to O.U.

Accredited with 'A' Grade by NAAC

STUDENTS LECTURE SERIES

Starts from 10th

May, 2021

4:30 pm to 5:30 pm

Every week-Monday, Tuesday, Friday, Saturday

TOPICS:

1)Introduction to Android
(android versions, basics in UI, requirements for desktop)

2) Installation steps
(installation of android studio, android environment manifest files, how to add dependencies,drawable files etc..)

3) previous done applications

4) XML and Java(activities, different types of layouts,textviews,scrollview, buttons,basics in java like ID's,objects creation in java etc..)

5)simple calculator app

6) offline login app

7) firebase connectivity

8) online login app

9) notification app

10) online payment app

11)gps tracking app

Speakers (Students)

- Bhavagna
- Pravallika
- Lavanya
- Harshitha
- Krishna Singh
- Santosh
- Tejasri
- Deepika

Organized by

Department of Computer Science

Under DBT - Star College Scheme

For any queries Contact

Mrs. Padmapriya
+91 9704172555
Mr. Rama Krishna
+91 9014673826

Platform

Microsoft Teams

DAY 1(10-05-2021):-The speakers Lavanya and Harshitha from B.Sc(MPCS) III year gave the introduction to android, what is android, versions of android, how to develop an android.

The next speaker C.Valli Vishnu Priya, alumni student of M.Sc(Computer Science) explained about introduction to android, what is android, features of android, versions of android, how to check the android version in the mobile.

The session ended with the activity.

DAY 2(11-05-2021):- The speakers Mr.Santosh and Mr.Krishna from B.Sc(MPCS) III year explained about

How to install android studio, how to setup emulator to run the project, why we use emulator, shows each and every step to install android and discussed about the latest version and best version of android for beginners.

DAY 3(14-05-2021):- Mr.Santosh and Mr.Krishna clarified the doubts of students on how to install the android which explained in previous class.

The speaker Jayalakshmi from B.Sc(MECS IIIB) explained about how to work on android studio, how to create an app in play store, how to start a new project, what are the different activities that android studio provides and what is the project structure in android studio.

DAY 4(15-05-2021):- The session was started with the recollecting of the previous day by Jayalakshmi.

They had a practical session on how to develop an android project in android studio. She explained the third step of the project that is build and run. They created an activity using constraint layout, change the background of the layouts, buttons and also used text views, edit text.

The session ended with the tasks assigned to students.

DAY 5(17-05-2021):- The speaker Jayalakshmi from B.Sc(MECS IIIB) explained about how to include the style, how to use margins, how to run the code in emulator, how to change the background(images), how to build apk, and she also explained about image button, image view, edit text.

The next speaker Bhavagna explained how to run the code in phone.

DAY 6(18-05-2021):- The speaker Jayalakshmi from B.Sc(MECS IIIB) explained about the relative layout, linear layout, radio buttons. They had an interactive session on previous projects.

The next speaker Alekya Sapari demonstrated about the live fit app.

The session ended with task assigned to students.

DAY 7(19-05-2021):- The speaker Jayalakshmi from B.Sc(MECS IIIB) explained about relative layout ,how to use margins in relative layout, how to load the created project in mobile, discussed about java skeleton, concept of package, class and variables.

The next speaker Pravalika started with basic concepts in java related to android, introduction to java, general oops concepts in android studio.

DAY 8(20-05-2021):- The speakers Santosh and Krishna showed students how to develop a project on simple calculator using java and xml.

The session ended with the clarification of the doubts of students.

DAY 9(21-05-2021):- The speaker Jayalakshmi from B.Sc(MECS IIIB) demonstrated about how to pass the values from one activity to another activity and also explained about spinner and java code.

The next speaker Bhavagna explained about 'intent'.

The session ended with task assigned to students to connect two activities.

DAY 10(22-05-2021):- The speakers Tejaswi and Sreeja explained about their project 'pick your path' and discussed each and every module, which stream you have to choose after 10th class, intermediate, Under graduate. this project will let us know all the courses which are available and it also let us know about career and job opportunities.

The next speaker Bhavagna explained about 'intent' part.

One of the student Vyshnavi shared the screen and explained what she learnt from the previous 10 days of android session.

DAY 11(23-05-2021):- The speaker Jayalakshmi from B.Sc(MECS IIIB) explained about the offline login and also the coding part. She also demonstrated how to display the logo on the screen.

The session ended with the clarifications of the doubts of students.

DAY 12(24-05-2021):- The speaker Pravalika explained about firebase authentication and real time database and shows how the interface look.

The next speaker Bhavagna explained her project 'watching a fridge' and shows how to sync real time database.

DAY 13(25-05-2021):- The session started with the clarifications of the doubts of students.

The speaker Pravalika demonstrated the students how to register to the app, how to set the email id and password stored in the firebase database.

The session ended with the interaction between the students.

DAY 14(26-05-2021):- The speaker Bhavagna shows how to create login page, how to access the data from real time database, how to create java objects, explained about the use of 'intent' code, how the data is stored in real time database.

Senior students shared their ideas to the juniors about projects, what are the steps students should follow to do a project.

DAY 15(27-05-2021):- The speaker Pravalika explained about vector asset, setting of date and time, calendar.

The session ended with the discussion on which project to be implemented.

DAY 16(28-05-2021):- The speaker Bhavagna explained about time picker and shows the coding part of time picker.

The next speaker Madhulika from B.Sc (MECS) II year explained about integration of UPI method and conversions.

DAY 17(29-05-2021):- The speaker Tejasri explained about the online payment method.

The next speaker Pravalika explained about the gate pass app.

The next speaker Prathyusha explained about her project Bhavan's Fests.

The session ended with clarification of doubts of students.

DAY 18(31-05-2021):- One of the senior student explained about how to implement google map, how to track the location using map activity by explaining coding.

The session ended with clarification of doubts of students.

DAY 19(11-06-2021):- The speaker Deepika explained about the GPS tracking and she also demonstrated how the GPS tracking works. They discussed about the projects that are to be implemented by the students.

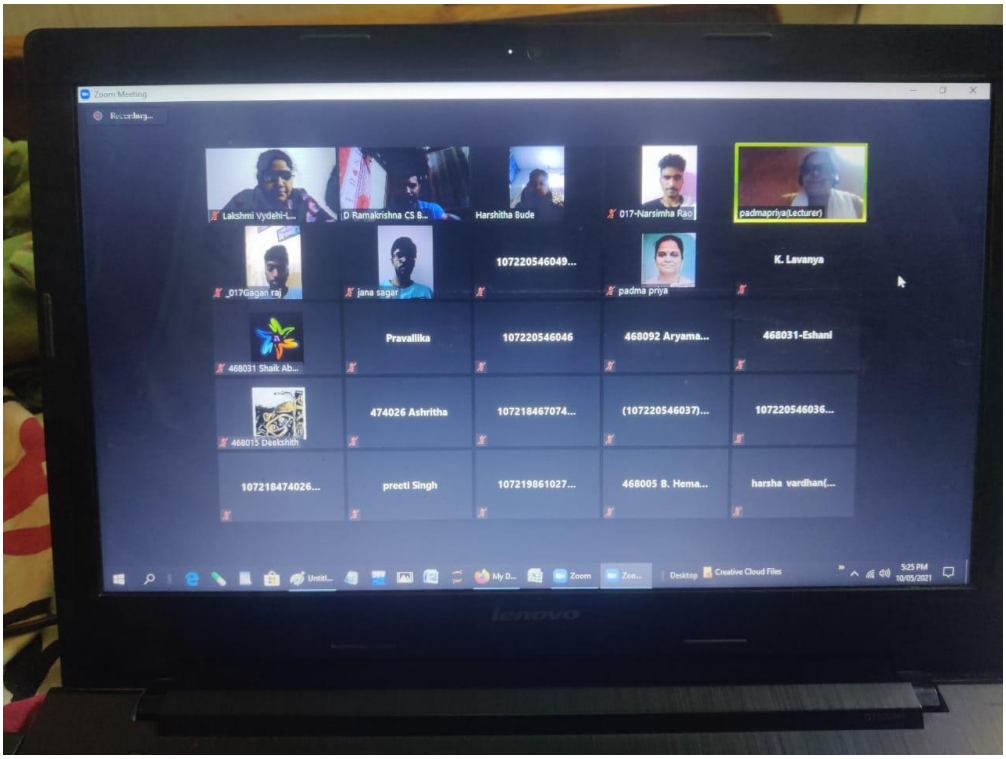
The session ended with the final confirmation of the projects.

DAY 20(14-06-2021):- The speaker Pravalika explained about how to build notifications using java language by explaining coding part.

The session ended with clarification of doubts of students.

DAY 21(22-06-2021):- The speaker Padmasree gave the introduction of the guest lecture Sourav Yadav, who is going to explain on uploading the real time app into play store. He demonstrated on how to upload his CamIt app on play store.

The session ended with vote of thanks. A total of 120 students attended the session.



GUEST LECTURE on UI UX DESIGNING AND

ANDROID INTRODUCTION

Bharatiya Vidya Bhavan

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 on

UI UX designing and Android Introduction

3rd May, 2021

Time - 4:00 pm to 5:00 pm

(Monday)

Organized by

Department of Computer Science

Under DBT - Star College Scheme

Platform Microsoft Teams

Microsoft Teams Link: Click here

Speaker

CHERUKUPALLY NIKHIL KUMAR

Pursuing MCA

ALUMNI

For any queries Contact

Mrs. Padmapriya

+91 9704172555

Mr. D Rama Krishna

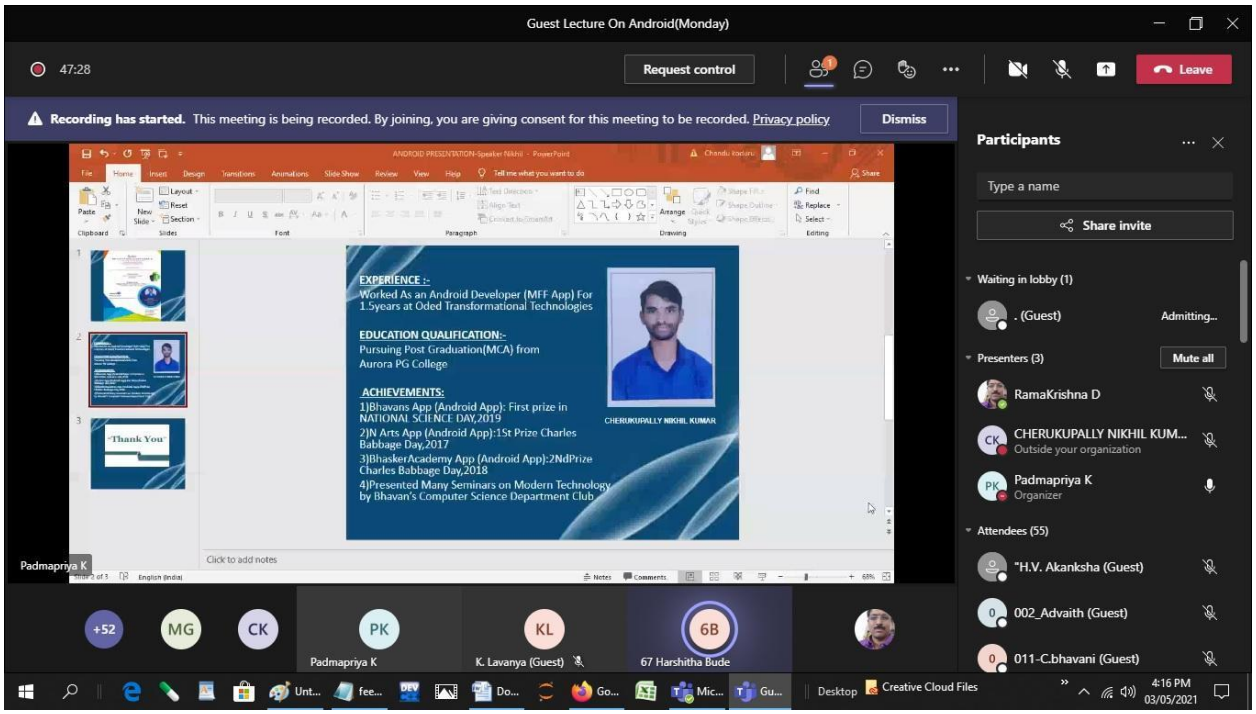
+91 9014673826

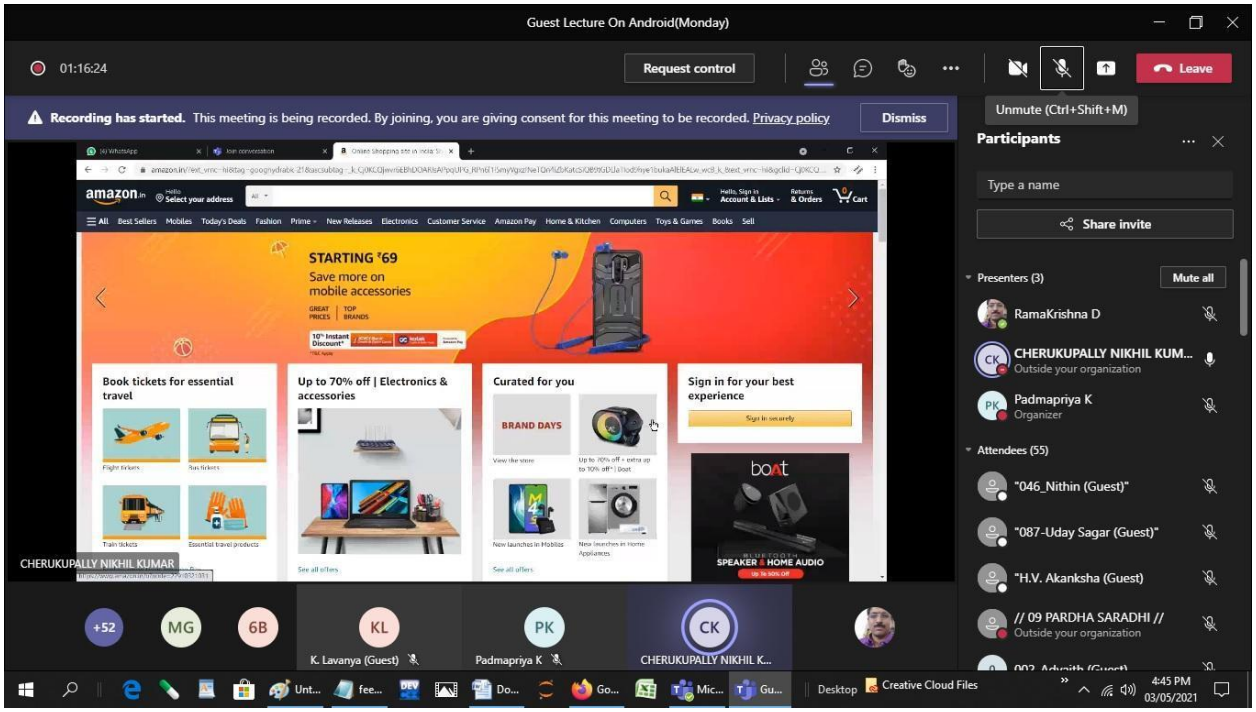
DATE: 3-05-2021(Monday)

TIME: 4:00PM-5PM

A Guest lecture on UI UX designing and Android introduction was organized by the Department of Computer Science under DBT - star college scheme. It was started at 4:00PM on 3rdMay 2021.

The event was hosted by Kethu Lavanya (BSc MPCS 3A) and Bude Harshitha(BSc MPCS 3A). The meeting had a strength of 60 students along with the faculty members of the Computer Science department. Further Mr. Mahesh Kumar, BCA in-charge from computer Science department addressed the meeting with his kind words and then it was followed by introducing our guest of honor Mr. Cherukupally Nikhil Kumar who is an alumni (2016-2019) and the man behind the development of the Bhavan's App which is available in the play store and he is now pursuing Post Graduation in Aurora PG College. Nikhil Kumar firstly gave an introduction on Android and also shared his knowledge on UI UX designing. He also discussed about the career options in UI UX which made our session very informative and finally vote of thanks was given by Mr. Rama Krishna, Lecturer in the ComputerScience department. He gave a summary of the session and motivated all the participants for happy learning.The guest of honor Mr. Cherukupally Nikhil Kumar shared his journey with all of us and the session was closed at 5.30 PM.




Guest Lecture On Android(Monday)
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Share invite
Presenters (3)
Mute all
RamaKrishna D
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Outside your organization
Padmapriya K
Organizer
Attendees (55)
"046_Nithin (Guest)"
"087-Uday Sagar (Guest)"
"H.V. Akanksha (Guest)
// 09 PARDHA SARADHI //
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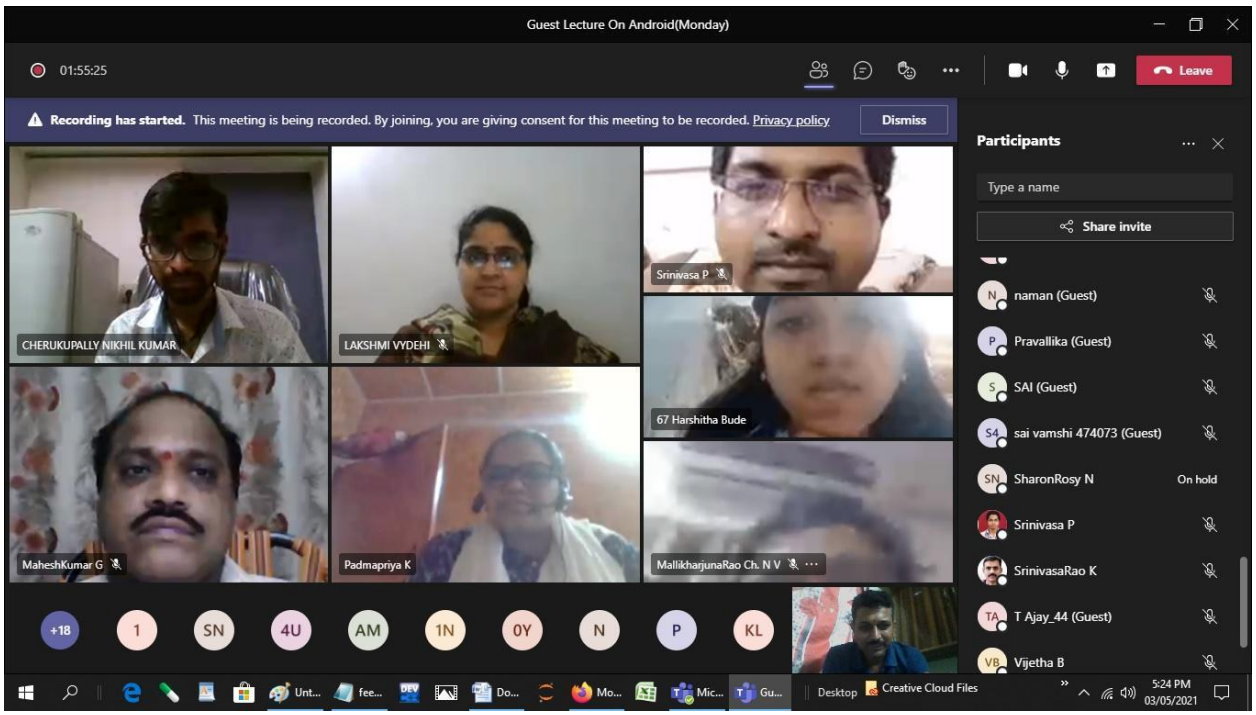
03/05/2021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67 Harshitha Bude
MaheshKumar G
Padmapriya K
MallikharjunaRao Ch. N V
naman (Guest)
Pravallika (Guest)
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SharonRosy N
On hold
Srinivasa P
SrinivasaRao K
T Ajay_44 (Guest)
Vijetha B
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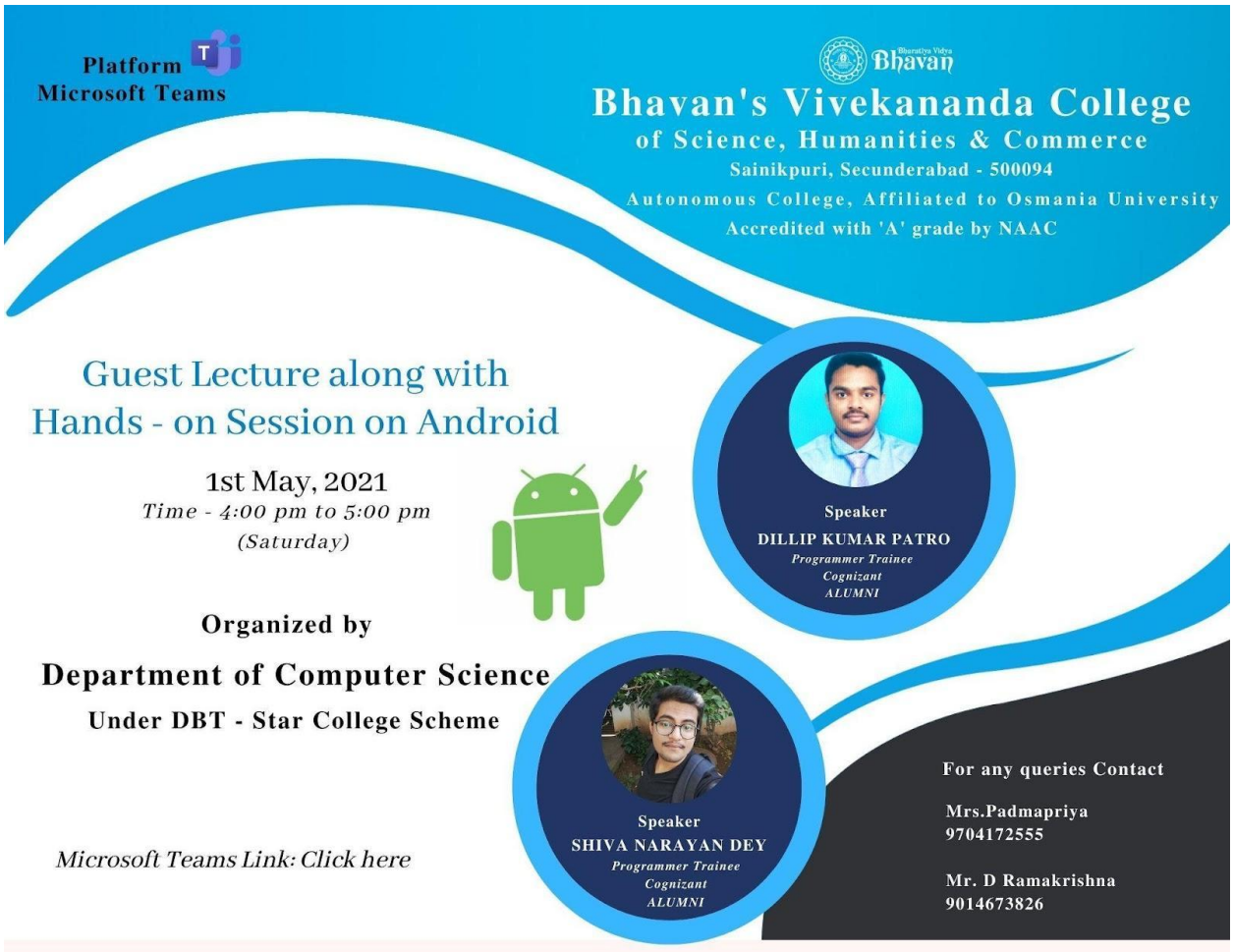
03/05/2021

GUEST LECTURE along with Hands-on session ON ANDROID

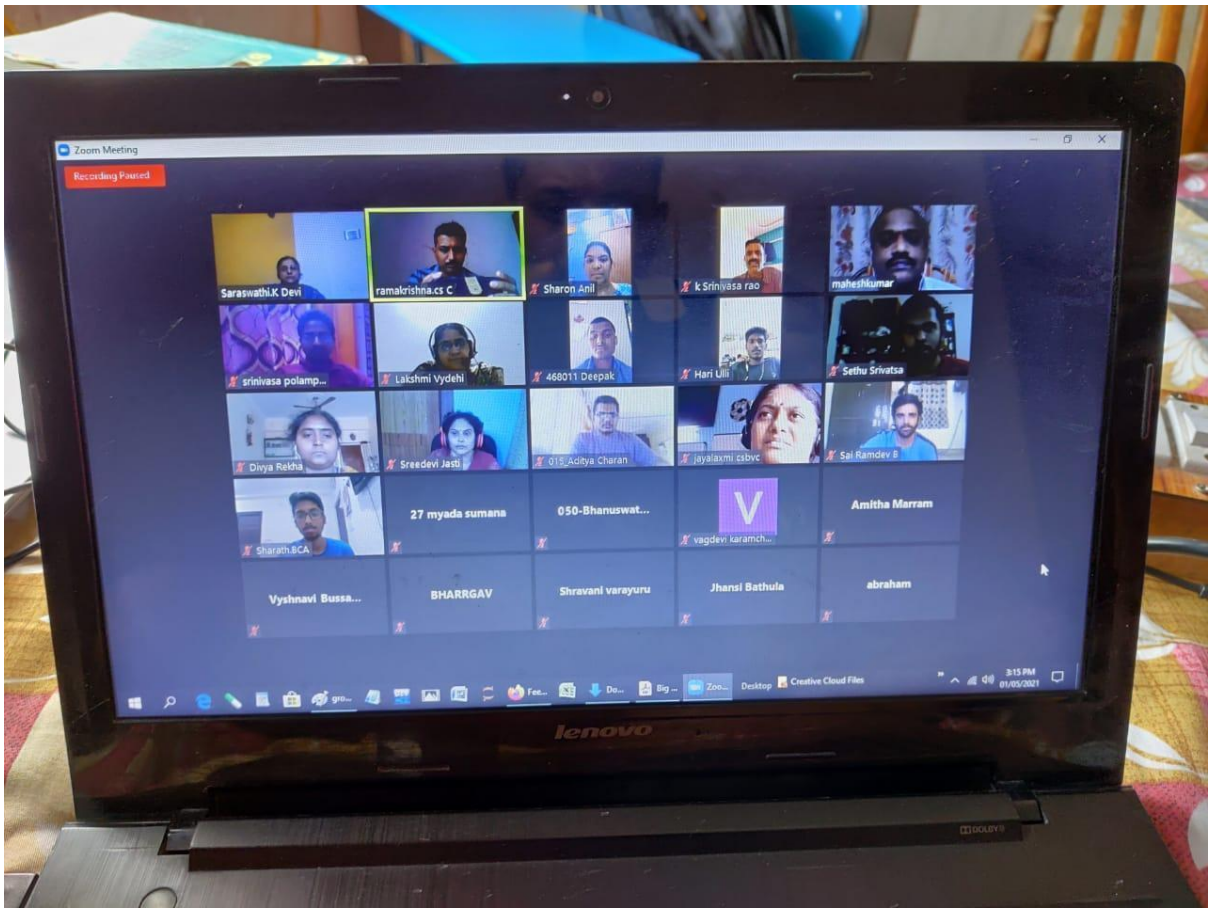
DATE: 01 May 2021

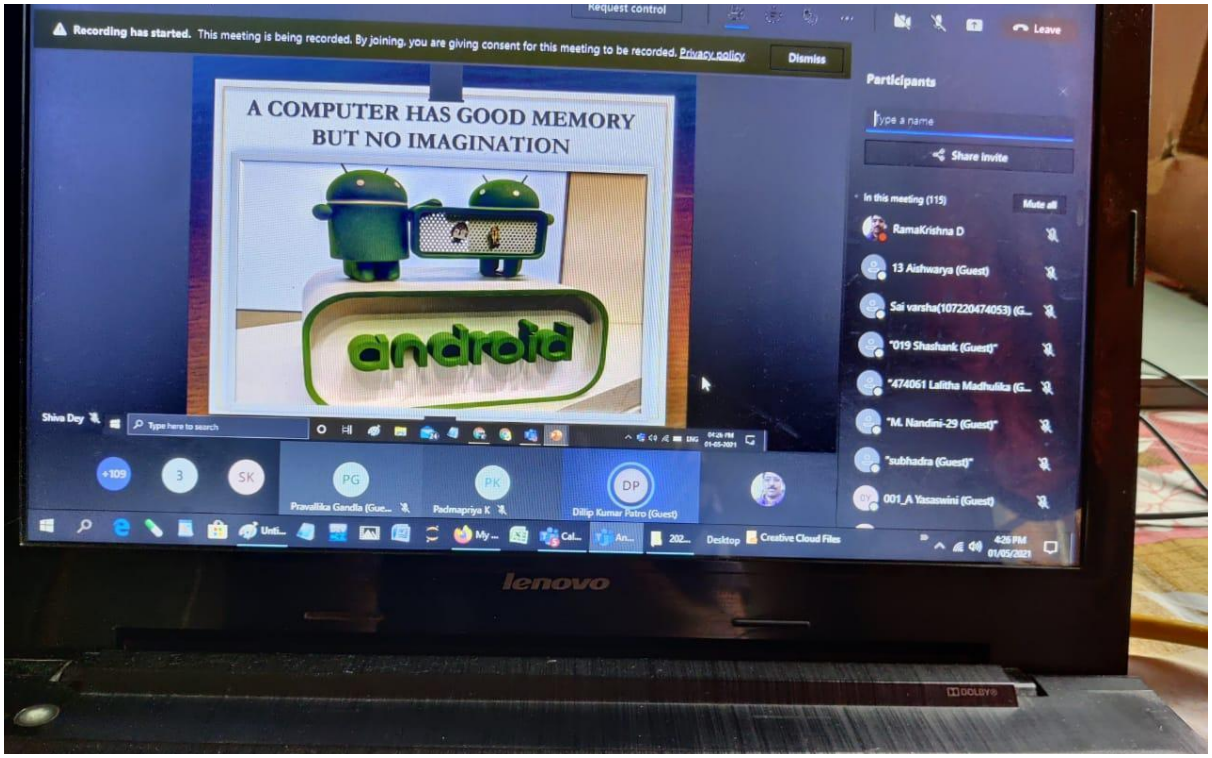
TIME: 4:00PM-5:00PM(Saturday)



Guest lecture along with Hands-on session on Android, Organised by Department of Computer Science – under DBT-Star College Scheme has been started at 4:00PM on 1st MAY 2021. Around 117 students and lecturers of computer science have attended the meeting. Session started by 3rd Year students G.Pravallika and Bhavagna from BSC MECs. They gave a brief introduction about the Guest Lecture on Android. Then Mrs. K V B Saraswathi mam, Head of the Computer Science department said few valuable words about today's event. Mam welcomed the Guest Lecturers of the event Mr. Shiva Narayan Dey and Mr. Dilip Kumar Patro who are Alumni's of Bhavan's Vivekananda College from 2017-2020 batch. They are working in top MNC, Cognizant. They even taught their juniors and conducted classes for Android course. After giving brief introduction to Guests, they have started their presentation. Both of them shared

their complete knowledge on Android Application Development. They motivated their juniors with their knowledge and experience. Finally, Mrs. Padmapriya, Lecturer in Computer Science department ended the session with Vote of Thanks at 5:30PM.

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A COMPUTER HAS GOOD MEMORY
BUT NO IMAGINATION
android
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Share invite
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13 Aishwarya (Guest)
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"019 Shashank (Guest)"
"474061 Lalitha Madhulika (G...
"M. Nandini-29 (Guest)"
"subhadra (Guest)"
001_A Yasaswini (Guest)
Shiva Dey
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Padmapriya K
Dilip Kumar Patro (Guest)
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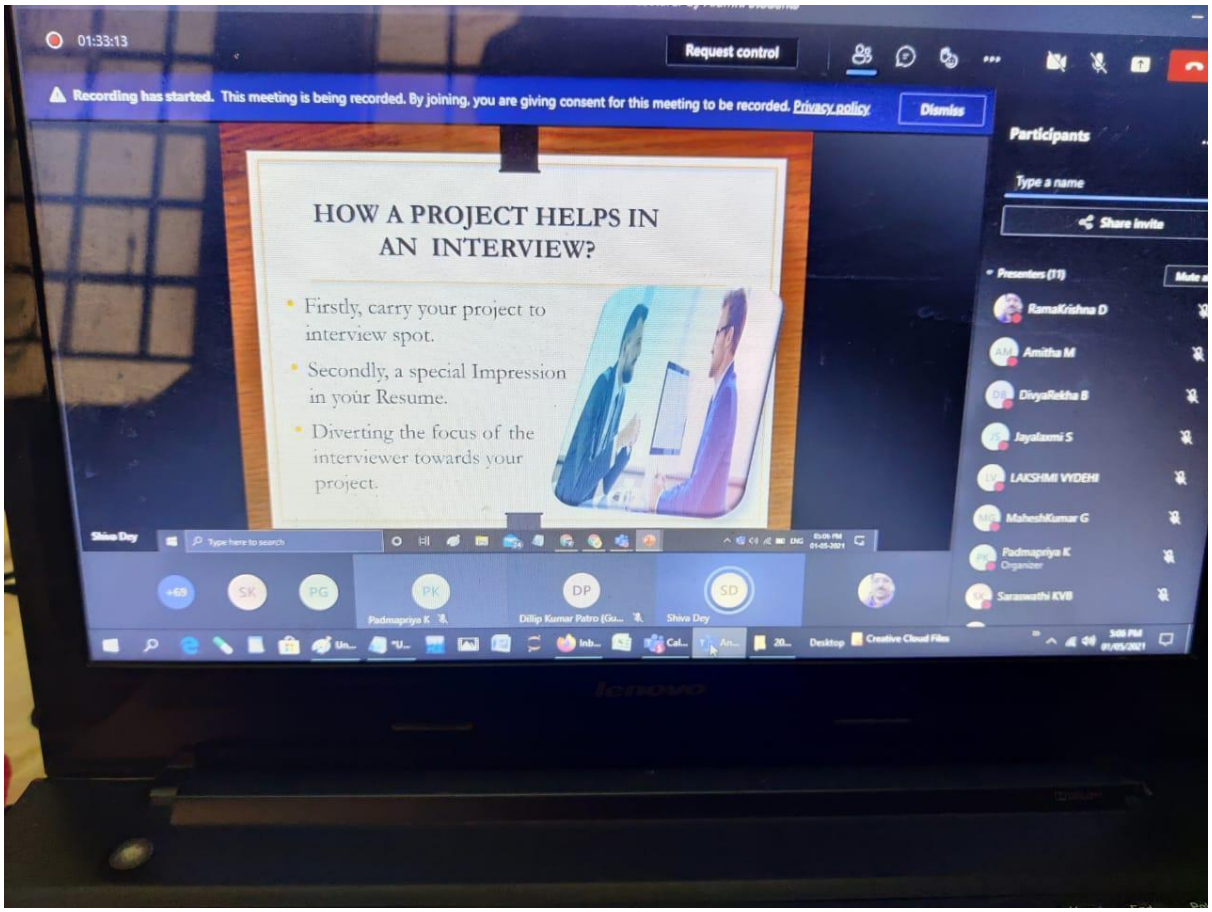
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HOW A PROJECT HELPS IN
AN INTERVIEW?
Firstly, carry your project to interview spot.
Secondly, a special Impression in your Resume.
Diverting the focus of the interviewer towards your project.
Participants
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Presenters (11)
RamaKrishna D
Amitha M
DivyaRekha B
Jayalaxmi S
LAKSHMI VYDEHI
MaheshKumar G
Padmapriya K
Organizer
Saraswathi KVB
Shiva Dey
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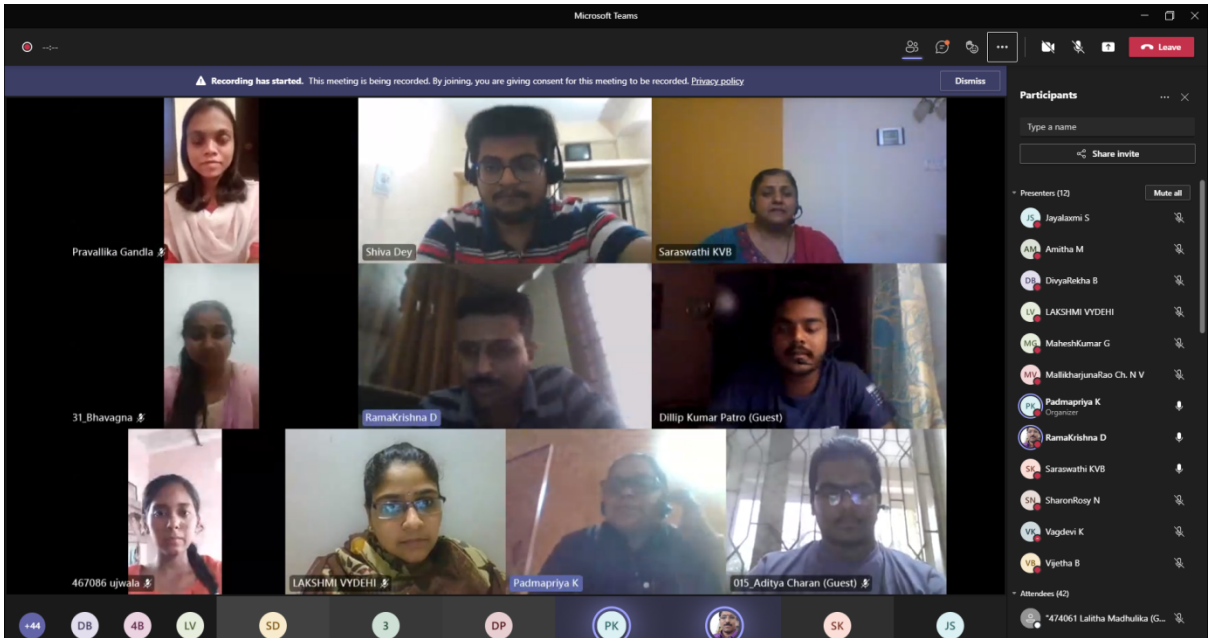
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MaheshKumar G
MallikharjunaRao Ch. N V
Padmapriya K
Organizer
RamaKrishna D
Saraswathi KVB
SharonRosy N
Vagdevi K
Vijetha B
Attendees (42)
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Pravallika Gandla
Shiva Dey
Saraswathi KVB
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Dillip Kumar Patro (Guest)
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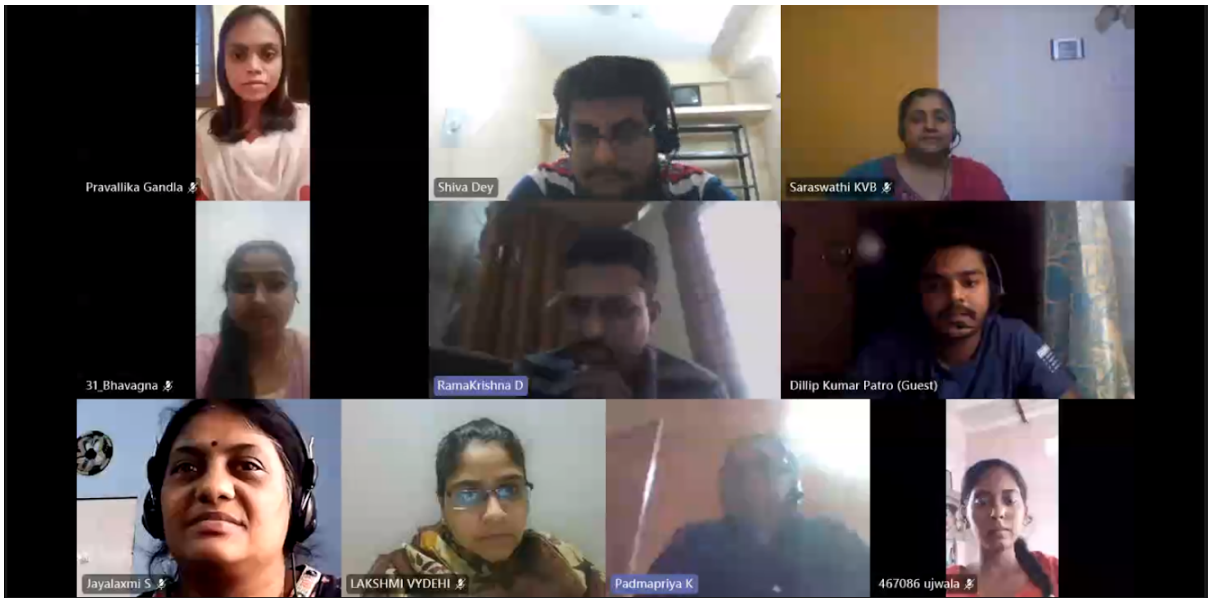
Padmapriya K
015_Aditya Charan (Guest)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Saraswathi KVB
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Dillip Kumar Patro (Guest)
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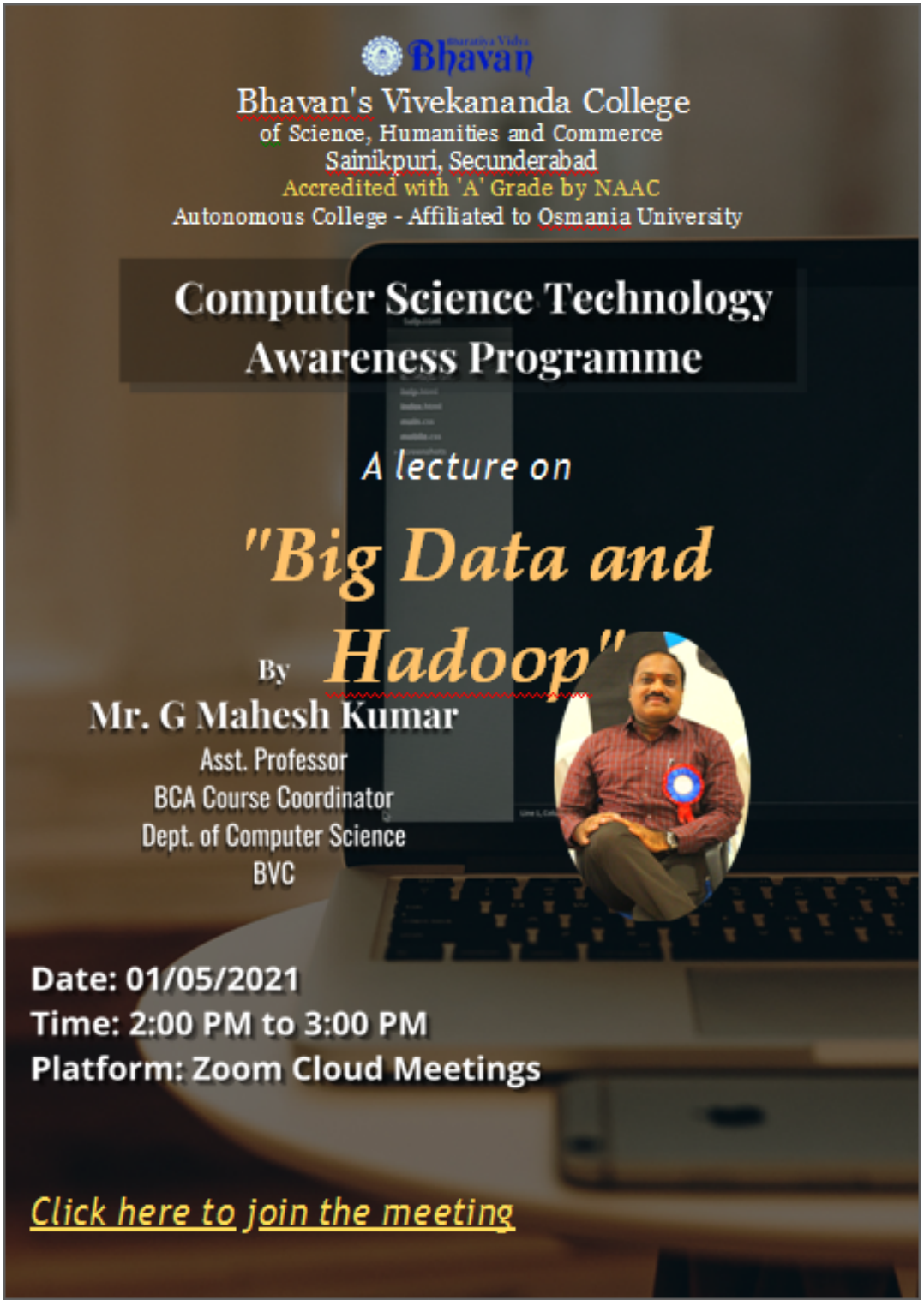
Technology Awareness Programme

Big Data and Hadoop



Report on Lecture-2

The department of computer science of Bhavans Vivekananda College has initiated Computer Science Technology Awareness Programme (CSTAP) in the academic year 2020-21. The motto behind initiating this programme is to provide inputs on the latest trends evolving in the field of Computer Science such that our students might be on par with industry standards and expectations.

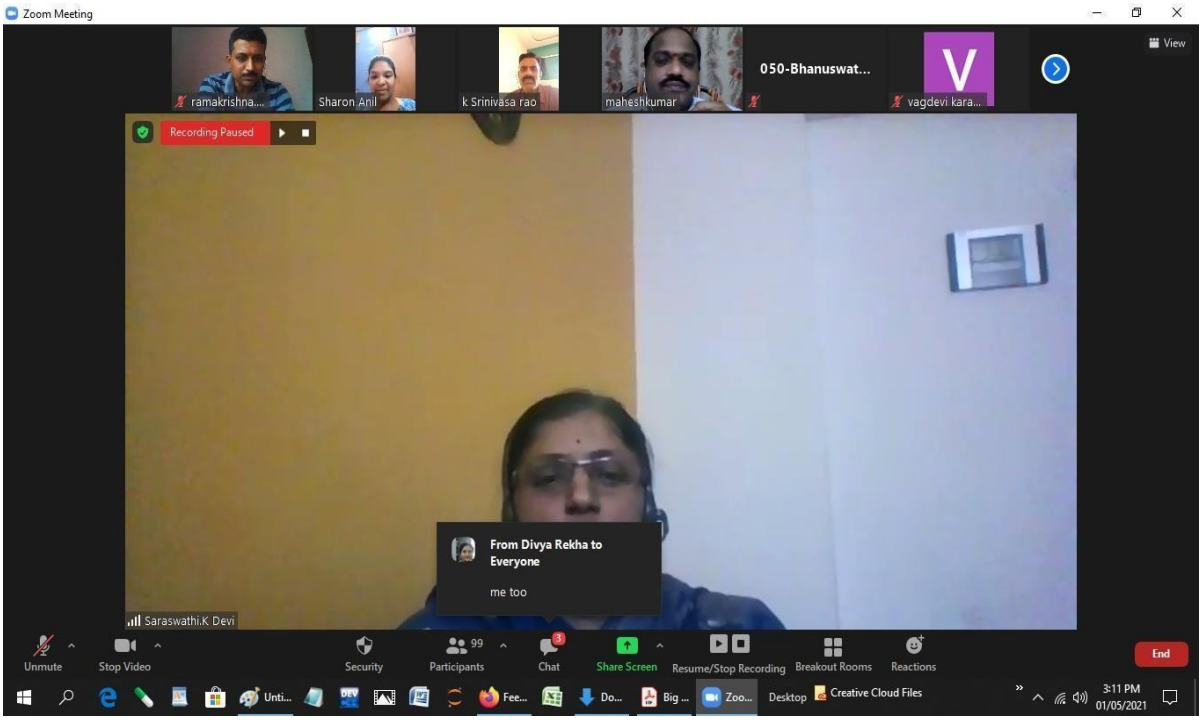
As part of this programme, the department of computer science had organized a lecture on Big Data & Hadoop" with the resource person for the session being Mr. G Mahesh Kumar, Asst. Professor, BCA Course Coordinator, Department of Computer Science, Bhavan's Vivekananda College, Sainikpuri. The Guest for this session was Mrs. KVB Saraswathi Devi, Head, Department of Computer Science, BVC. The lecture was conducted on 01-05-2021 at 2:00PM through Zoom online platform.

This lecture covered topics such as Data Vs Information, Big Data, Types of Big Data, Characteristics of Big Data, Applications of Big Data, Big Data Technology Stack, Benefits of Big Data, Hadoop, Evolution of Hadoop, Hadoop Ecosystem, Hadoop HDFS Architecture, Data Blocks in Hadoop HDFS, Data Storage in HDFS, HDFS Data Write Operation, HDFS Data Read Operation and HDFS High Availability.

A Total of 189 participants participated in this lecture out of which 10 were faculty members and the remaining 179 members being students.

The lecture had brought the participants, an insight and knowledge of what is Big Data, It's Advantages and the Technology used for working on Big Data, that is Hadoop.

G Mahesh Kumar Asst.
Professor,
Dept. of Computer Science,
BVC.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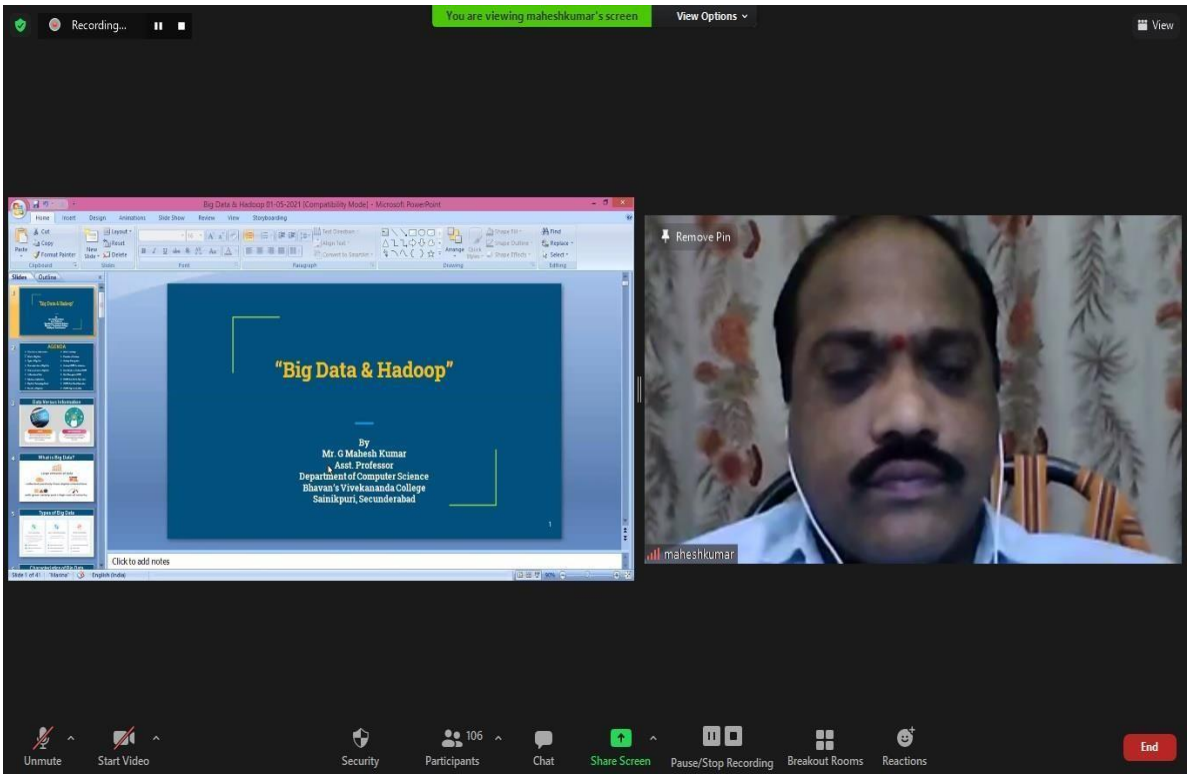
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"Big Data & Hadoop"
By
Mr. G Mahesh Kumar
Asst. Professor
Department of Computer Science
Bhavan's Vivekananda College
Sainikpuri, Secunderabad
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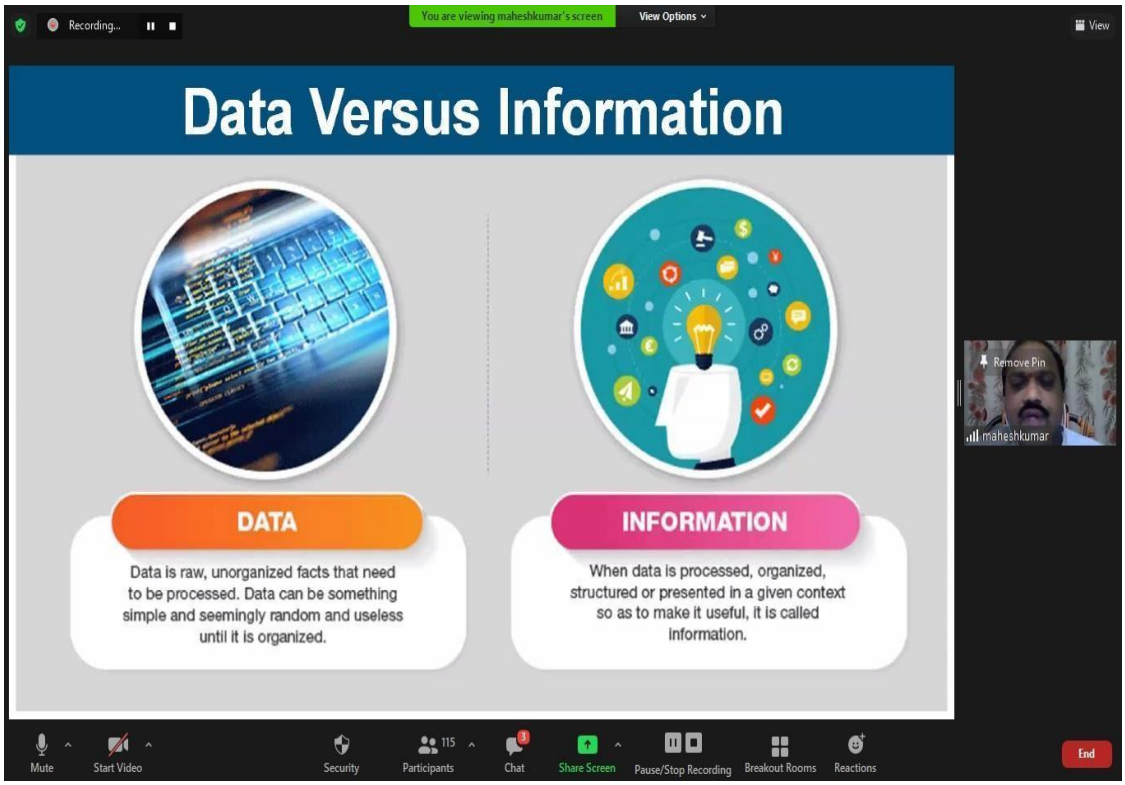
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Data Versus Information
DATA
Data is raw, unorganized facts that need to be processed. Data can be something simple and seemingly random and useless until it is organized.
INFORMATION
When data is processed, organized, structured or presented in a given context so as to make it useful, it is called information.
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Participants
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Pause/Stop Recording
Breakout Rooms
Reactions
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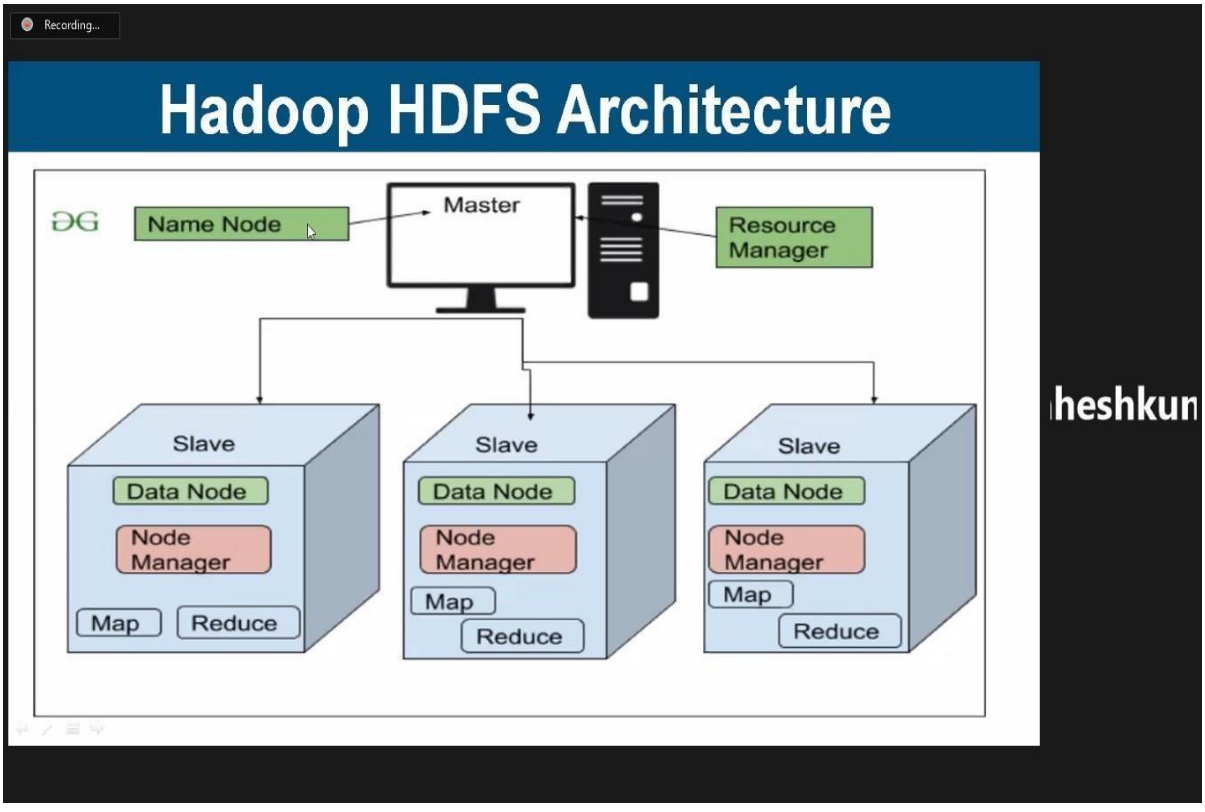
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Hadoop HDFS Architecture
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Resource Manager
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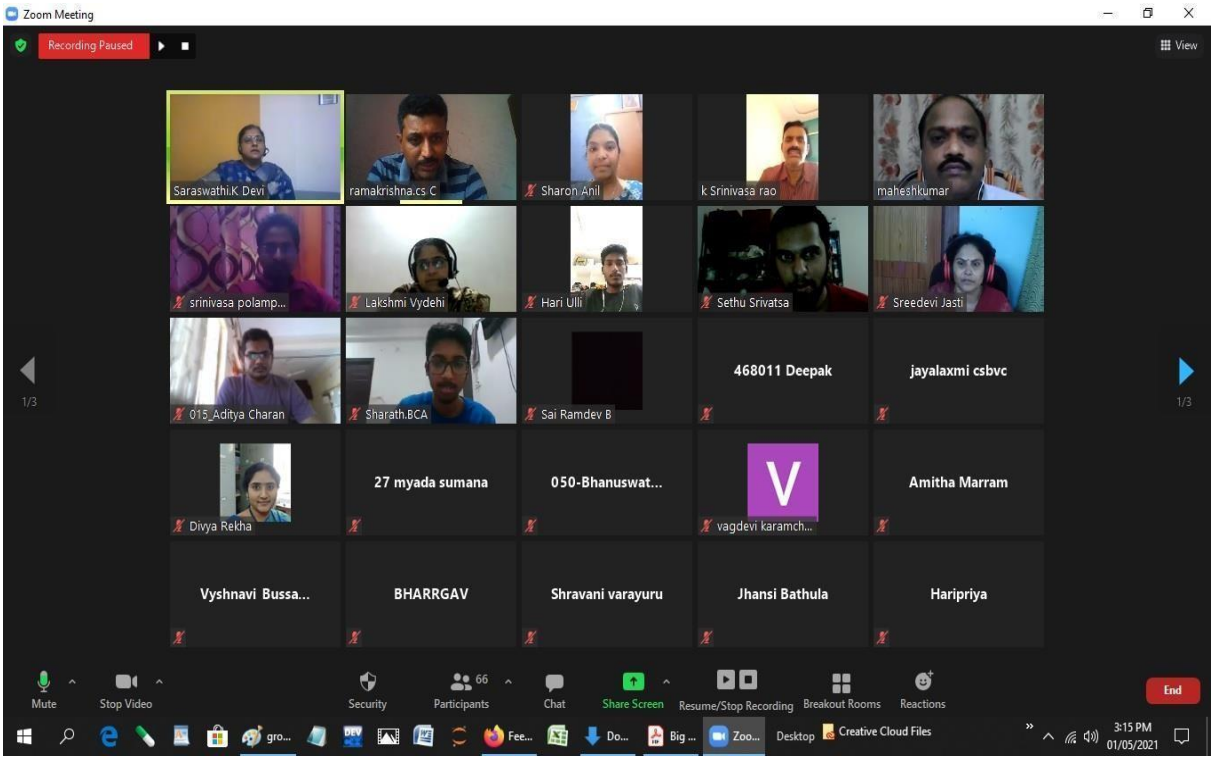
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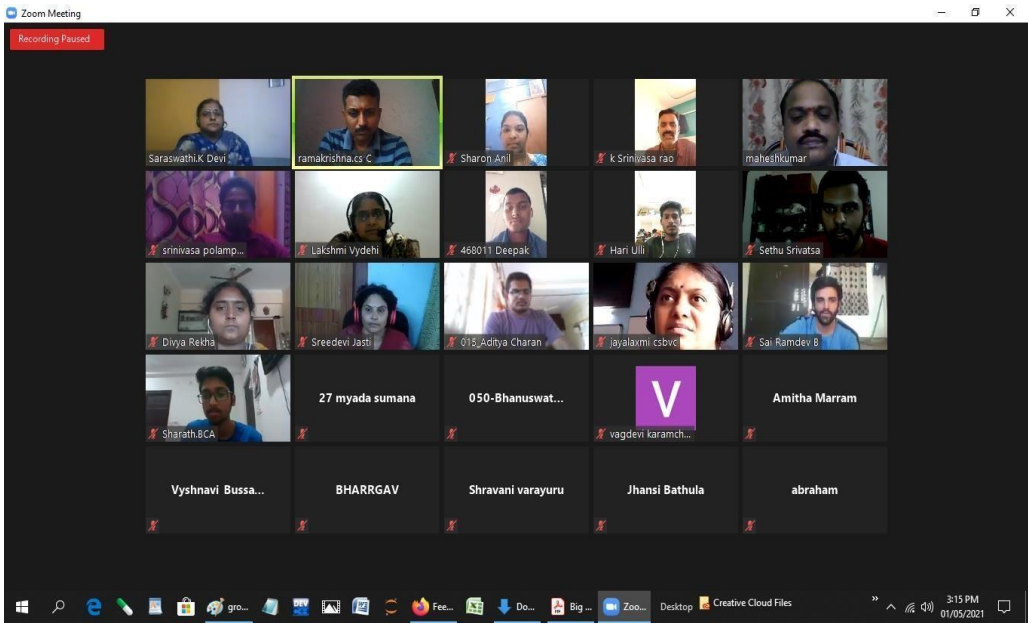
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Technology Awareness Programme

Virtual Reality vs Augmented Reality

Report on Lecture-1

The department of computer science of Bhavans Vivekananda College has initiated Computer Science Technology Awareness Programme (CSTAP) in the academic year 2020-21. The motto behind initiating this programme is to provide inputs on the latest trends evolving in the field of Computer Science such that our students might be on par with industry standards and expectations.

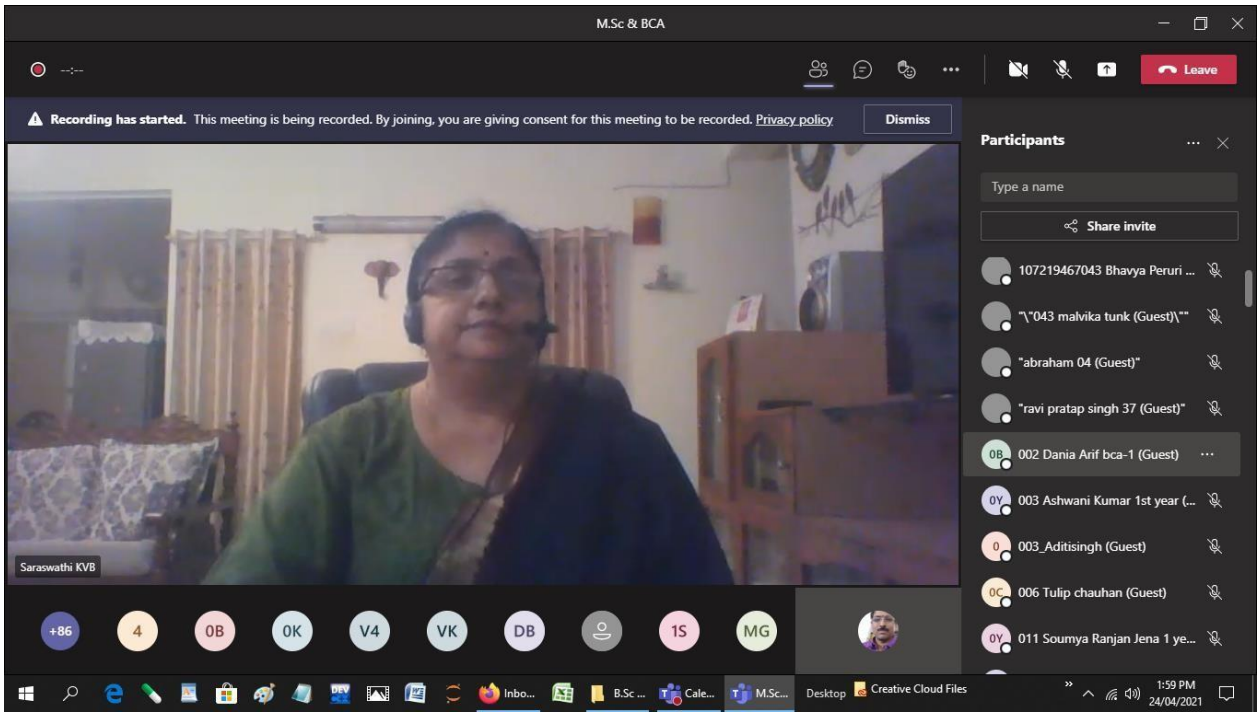
As part of this programme, The department of computer science had organized a lecture on "Virtual Reality & Augmented Reality" with the resource person for the session being **Ms. B. Divya Rekha, Asst. Professor**, Bhavan's Vivekananda College, Sainikpuri. The Guest for this session was Mrs. KVB Saraswathi Devi, Head, Department of Computer Science, BVC. The lecture was conducted on **24-04-2021** at 2:00 PM through Microsoft Teams online platform.

This lecture covered topics such as applications of VR / AR, History, Impact of AR &VR in different fields, Industries working on these, Demerits of AR &VR, difference between AR &VR, their improvement in the present scenario, Recent experiments conducted on AR &VR and Future Scope.

A Total of **200** participants participated in this lecture out of which 15 were faculty members and the remaining **185** members being students.

The lecture had brought the participants, an insight and knowledge of what is Augmented and Virtual Reality its impact in education field and Future scope of AR &VR

B.Divya
Rekha Asst.
Professor,
Dept. of Computer
Science, BVC.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"abraham 04 (Guest)"
"ravi pratap singh 37 (Guest)"
002 Dania Arif bca-1 (Guest)
003 Ashwani Kumar 1st year (...
003_Aditisingh (Guest)
006 Tulip chauhan (Guest)
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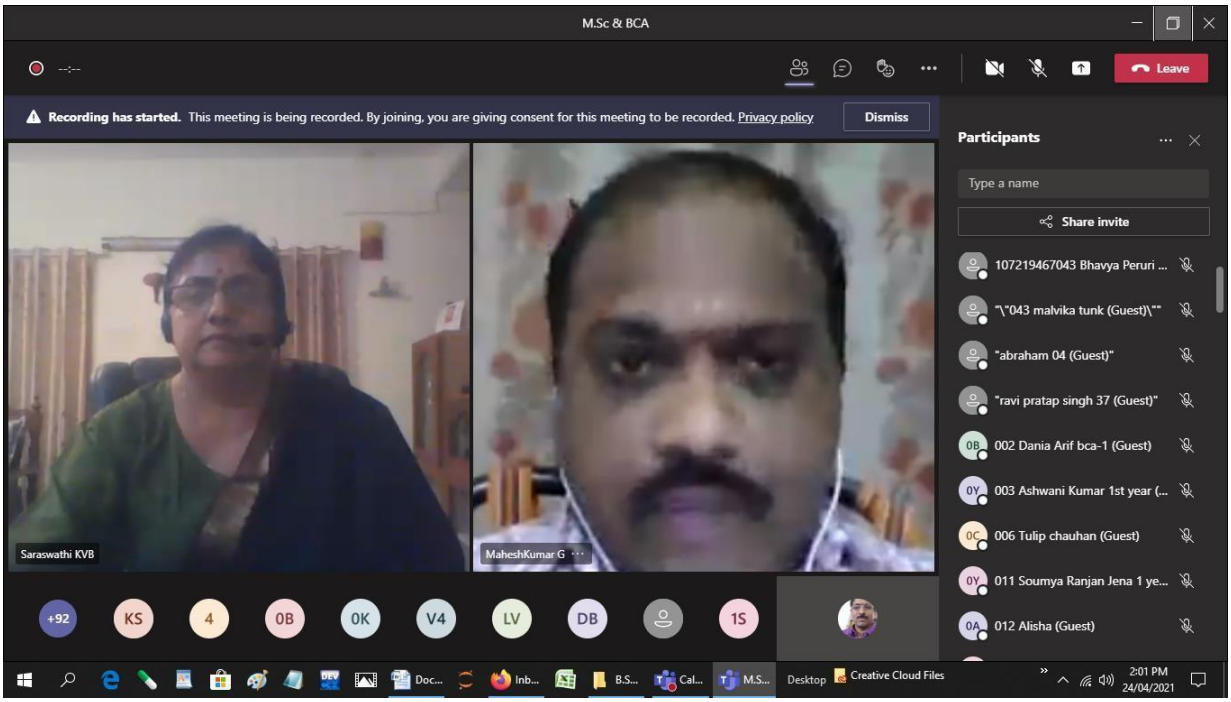
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"abraham 04 (Guest)"
"ravi pratap singh 37 (Guest)"
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003 Ashwani Kumar 1st year (...
006 Tulip chauhan (Guest)
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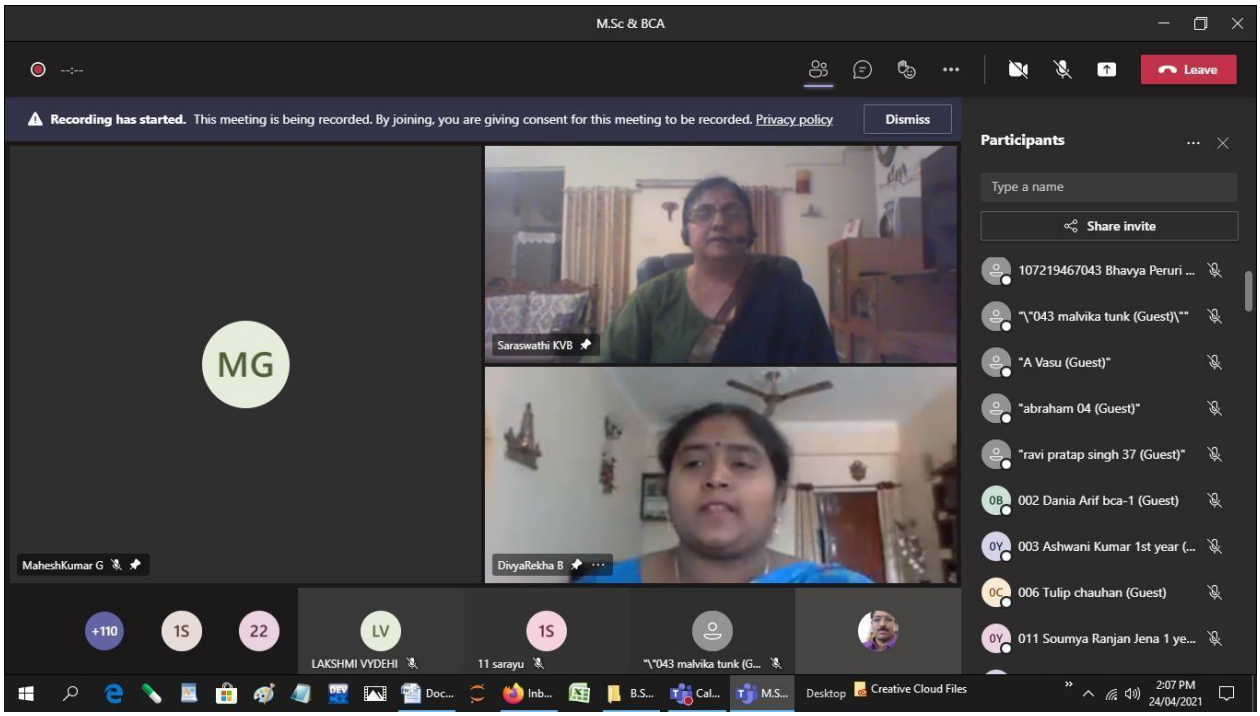
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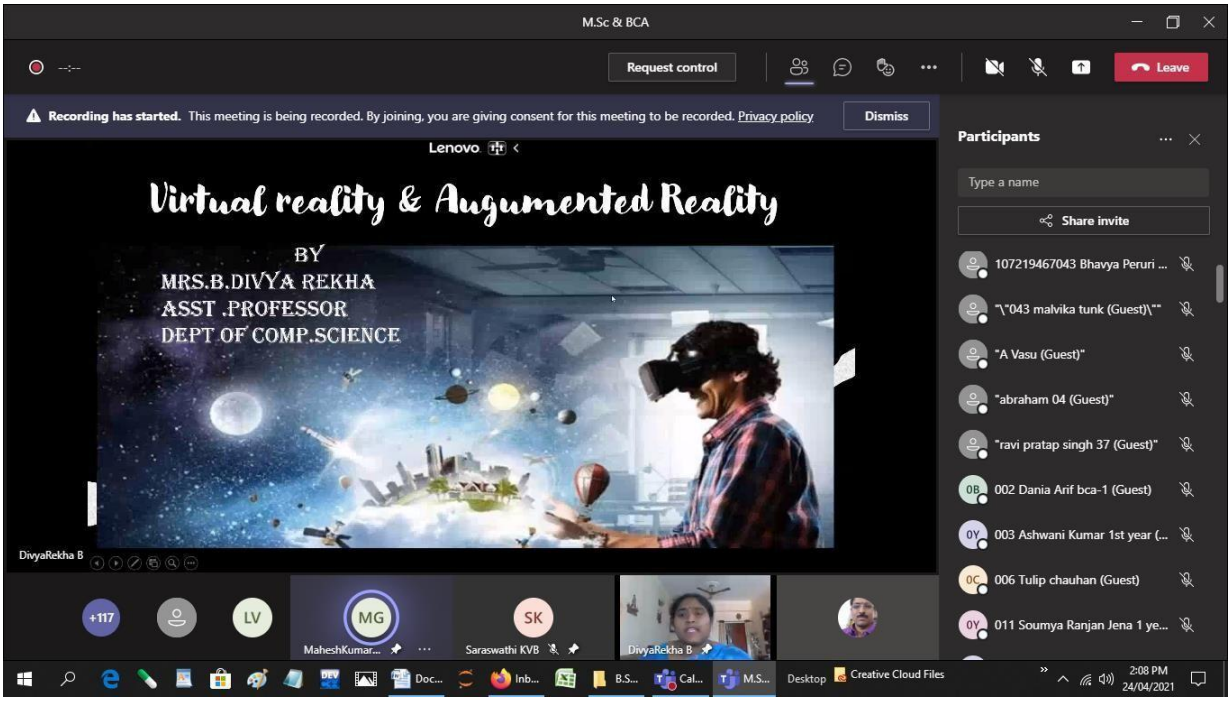
24/04/2021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Lenovo
Virtual reality & Augumented Reality
BY
MRS.B.DIVYA REKHA
ASST .PROFESSOR
DEPT OF COMP.SCIENCE
DivyaRekha B
Participants
Type a name
Share invite
107219467043 Bhavya Peruri ...
"\"043 malvika tunk (Guest)\""
"A Vasu (Guest)"
"abraham 04 (Guest)"
"ravi pratap singh 37 (Guest)"
002 Dania Arif bca-1 (Guest)
003 Ashwani Kumar 1st year (...
006 Tulip chauhan (Guest)
011 Soumya Ranjan Jena 1 ye...
+117
LV
MG
MaheshKumar...
SK
Saraswathi KVB
DivyaRekha B
Desktop
Creative Cloud Files
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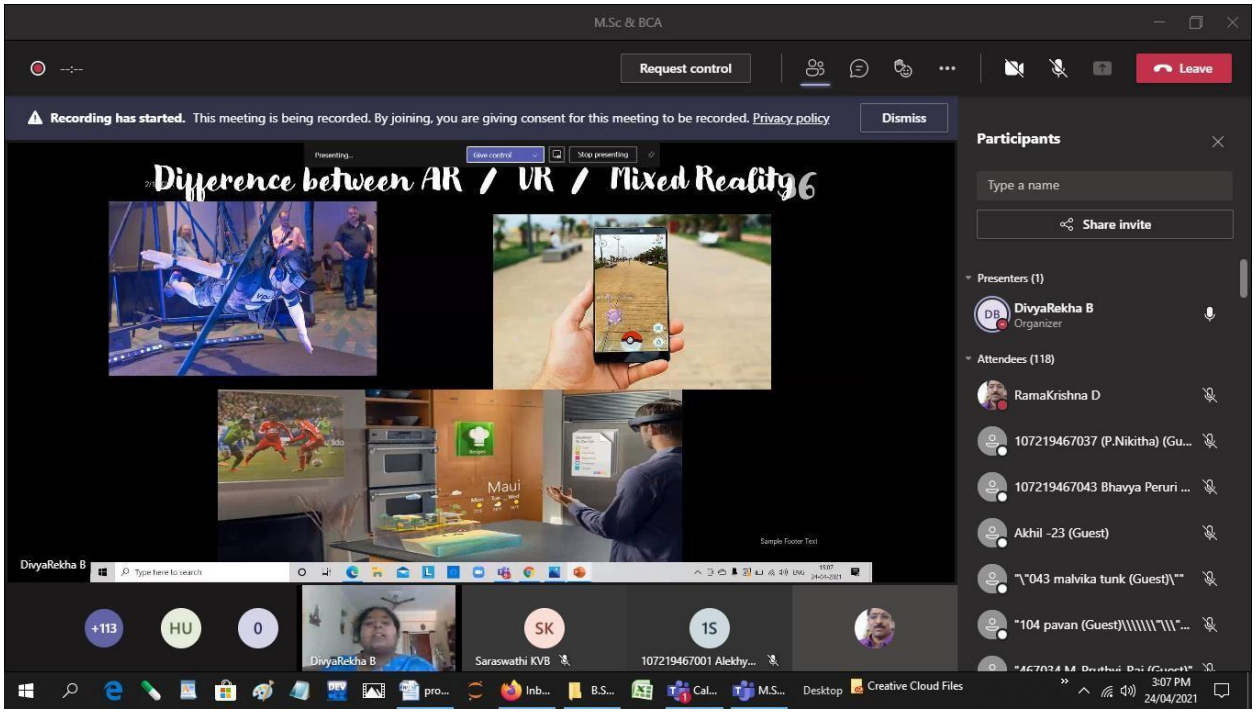
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Leave
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Difference between AR / VR / Mixed Reality
Participants
Type a name
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Presenters (1)
DivyaRekha B
Organizer
Attendees (118)
RamaKrishna D
107219467037 (P.Nikitha) (Gu...
107219467043 Bhavya Peruri ...
Akhil -23 (Guest)
"\"043 malvika tunk (Guest)\""
"104 pavan (Guest)\\\\\\\"\\\"...
DivyaRekha B
Saraswathi KVB
107219467001 Alekhy...
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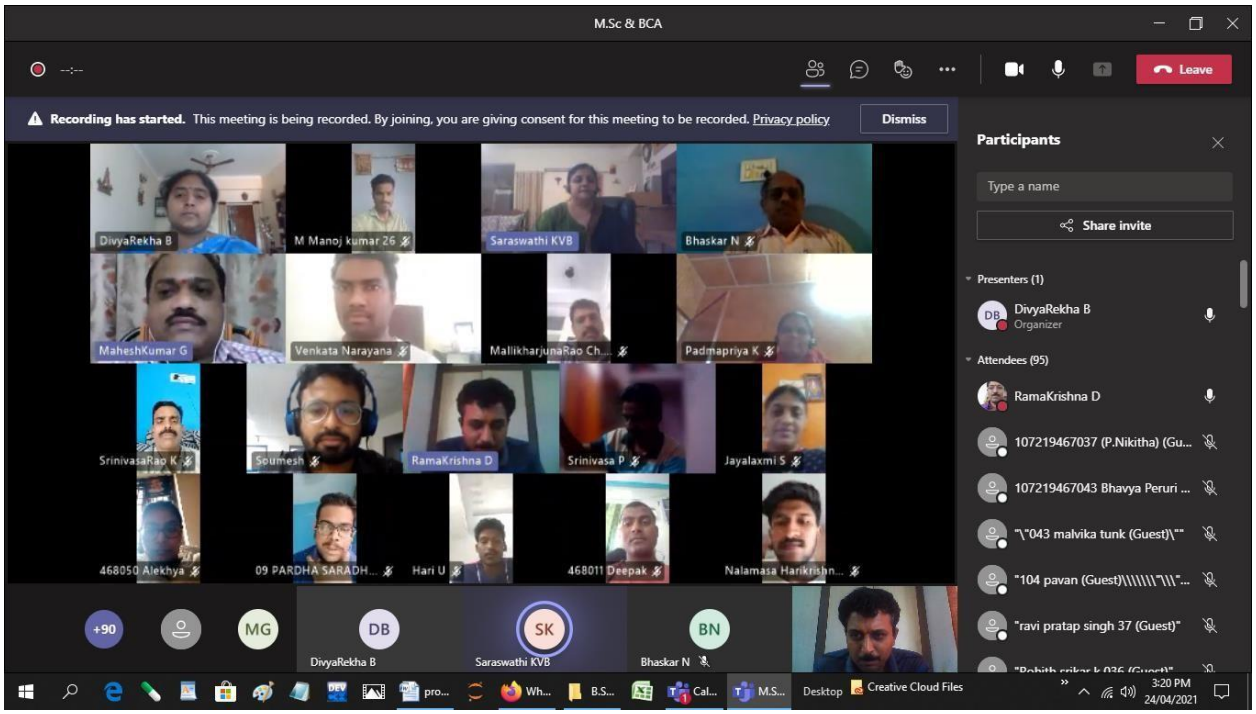
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Participants
Type a name
Share invite
Presenters (1)
DivyaRekha B
Organizer
Attendees (95)
RamaKrishna D
107219467037 (P.Nikitha) (Gu...
107219467043 Bhavya Peruri ...
"\"043 malvika tunk (Guest)\""
"104 pavan (Guest)\\\\\\\"\\\"...
"ravi pratap singh 37 (Guest)"
DivyaRekha B
M Manoj kumar 26
Saraswathi KVB
Bhaskar N
MaheshKumar G
Venkata Narayana
MallikharjunaRao Ch...
Padmapriya K
SrinivasaRao K
Soumesh
RamaKrishna D
Srinivasa P
Jayalaxmi S
468050 Alekhya
09 PARDHA SARADH...
Hari U
468011 Deepak
Nalamasa Harikrishn...
Saraswathi KVB
Bhaskar N
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24/04/2021

REPORT ON AI INTERNSHIP

23-April-2021 to 23-May-2021(30 days)

Department of Computer Science under DBT-Star College Scheme had conducted an internship i.e., value added course on Python along with Artificial Intelligence and machine learning.

The course was conducted for final year students of BCA and BSc (2018-2021). The internship was held for **30 days** from **23-April-2021 to 23-May-2021**. A total of 40 students were part of this, all the students were provided with a set of pre-recorded videos and tasks daily.

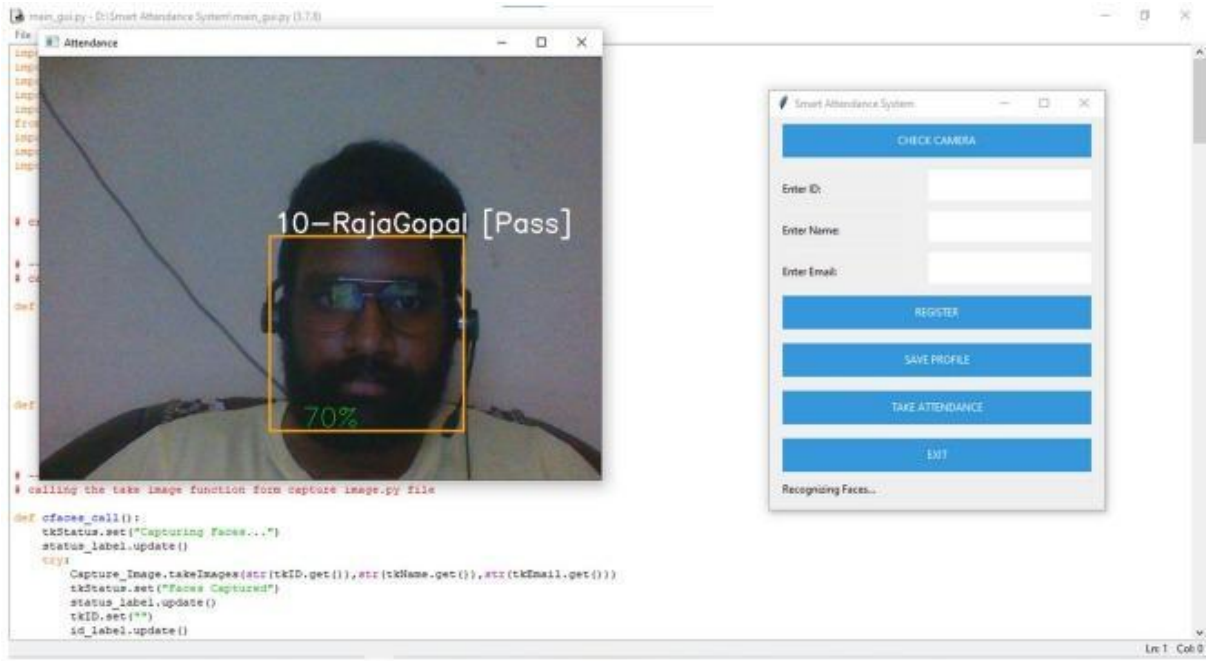
Students learned many new concepts such as.

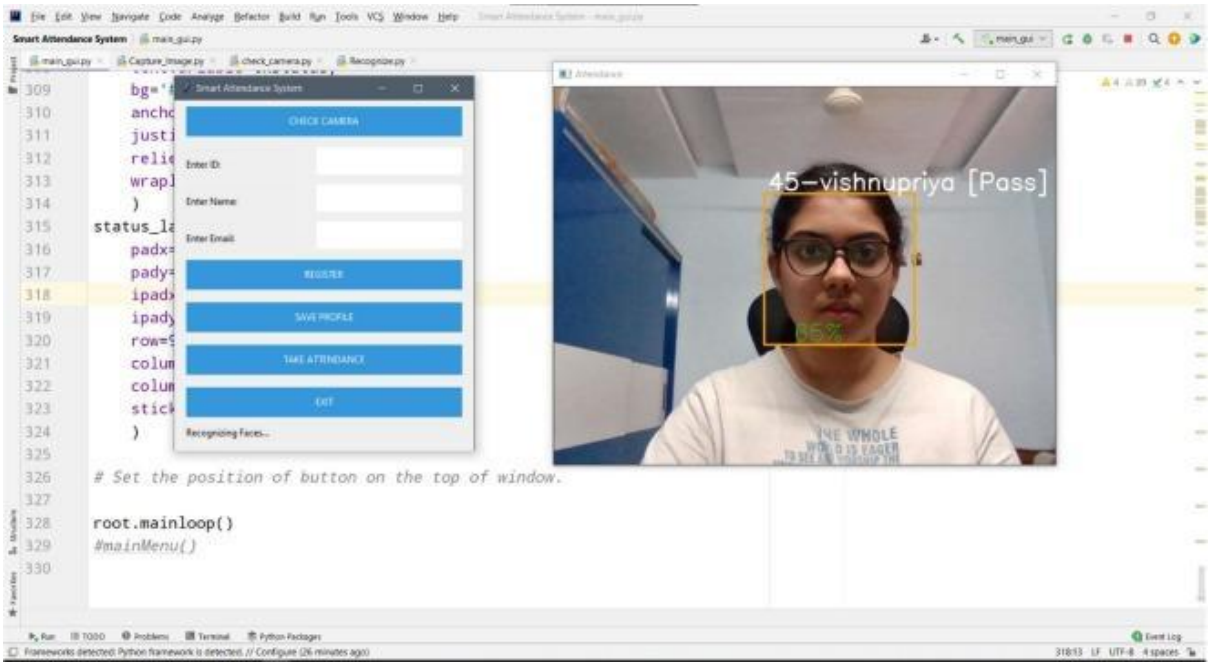
1. Data model training,
2. Image processing
3. Neural networking
4. Face recognition

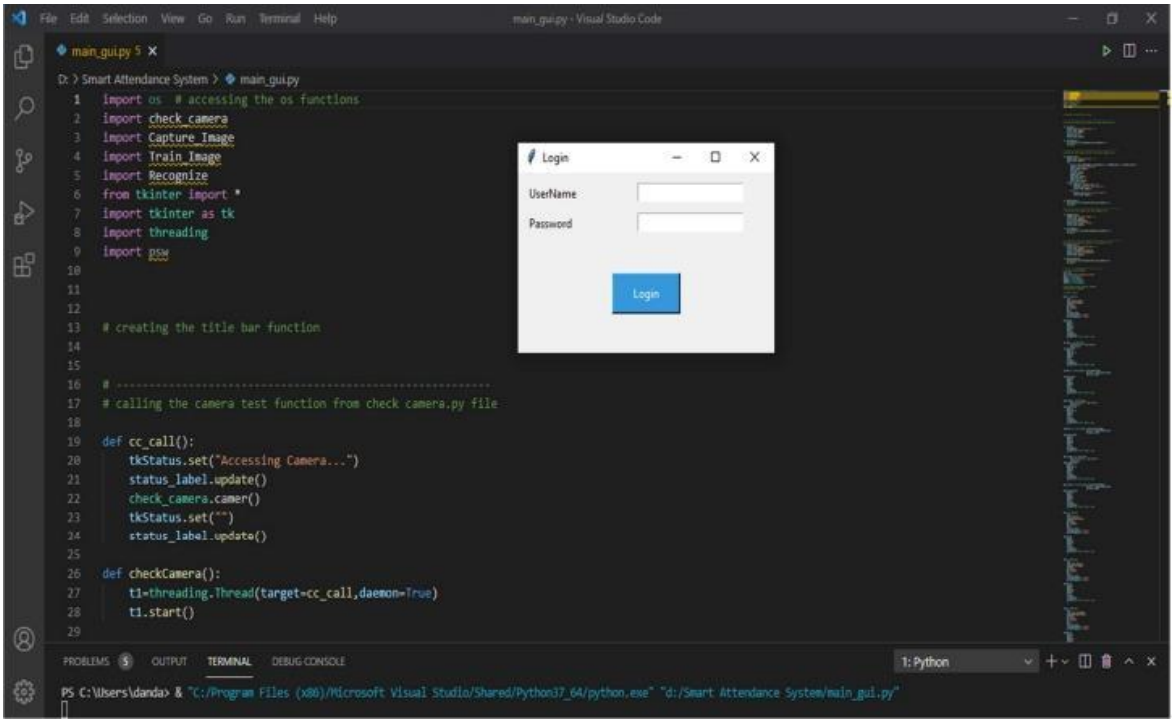
Students have also done various projects as a part of Internship on:

1. Face recognition-based attendance systems
2. Optical character recognition systems
3. Motion detection
4. Vehicle detection

Students gave very good feedback about the Internship (value added course). After the completion of this internship, students got their certificate of completion along with enormous knowledge.


Attendance
10-RajaGopal [Pass]
70%
Smart Attendance System
CHECK CAMERA
Enter ID:
Enter Name:
Enter Email:
REGISTER
SAVE PROFILE
TAKE ATTENDANCE
EXIT
Recognizing Faces...
# calling the take image function form capture image.py file
def cfaces_call():
tkStatus.set("Capturing Faces...")
status_label.update()
try:
Capture_Image.takeImages(str(tkID.get()),str(tkName.get()),str(tkEmail.get()))
tkStatus.set("Faces Captured")
status_label.update()
tkID.set("")
id_label.update()


Smart Attendance System
CHECK CAMERA
Enter ID:
Enter Name:
Enter Email:
REGISTER
SAVE PROFILE
TAKE ATTENDANCE
EXIT
Recognizing Faces...
45-vishnupriya [Pass]
85%
# Set the position of button on the top of window.
root.mainloop()
#mainMenu()


File Edit Selection View Go Run Terminal Help
main_gui.py - Visual Studio Code
main_gui.py 5
D: > Smart Attendance System > main_gui.py
import os # accessing the os functions
import check_camera
import Capture_Image
import Train_Image
import Recognize
from tkinter import *
import tkinter as tk
import threading
import psw
# creating the title bar function
# --
# calling the camera test function from check camera.py file
def cc_call():
tkStatus.set("Accessing Camera...")
status_label.update()
check_camera.camer()
tkStatus.set("")
status_label.update()
def checkCamera():
t1=threading.Thread(target=cc_call,daemon=True)
t1.start()
Login
UserName
Password
Login
PROBLEMS 5
OUTPUT
TERMINAL
DEBUG CONSOLE
1: Python
PS C:\Users\danda> & "C:/Program Files (x86)/Microsoft Visual Studio/Shared/Python37_64/python.exe" "d:/Smart Attendance System/main_gui.py"

MACHINE LEARNING WORKSHOP
(Under DBT-Star College Scheme)

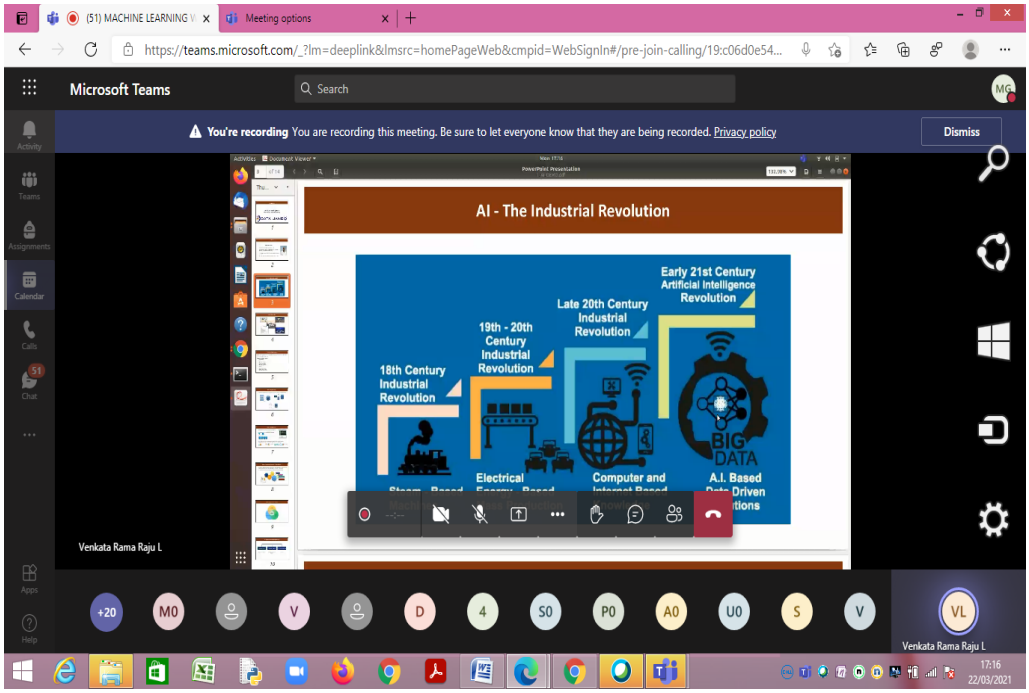
The department of computer science organized the Machine Learning Workshop under DBT-Star College Scheme for BCA III Year students of our college, scheduled from 22nd March 2021 to 27th March 2021. **Mr. L Venkata Rama Raju**, founder of Data Jango Technologies, was the resource person for this workshop. This workshop was conducted through online platform Microsoft Teams under the guidance of **KVB Saraswathi** (Head, Department of Computer Science) and **G Mahesh Kumar** (Course Coordinator of BCA). **38** participants attended the workshop.

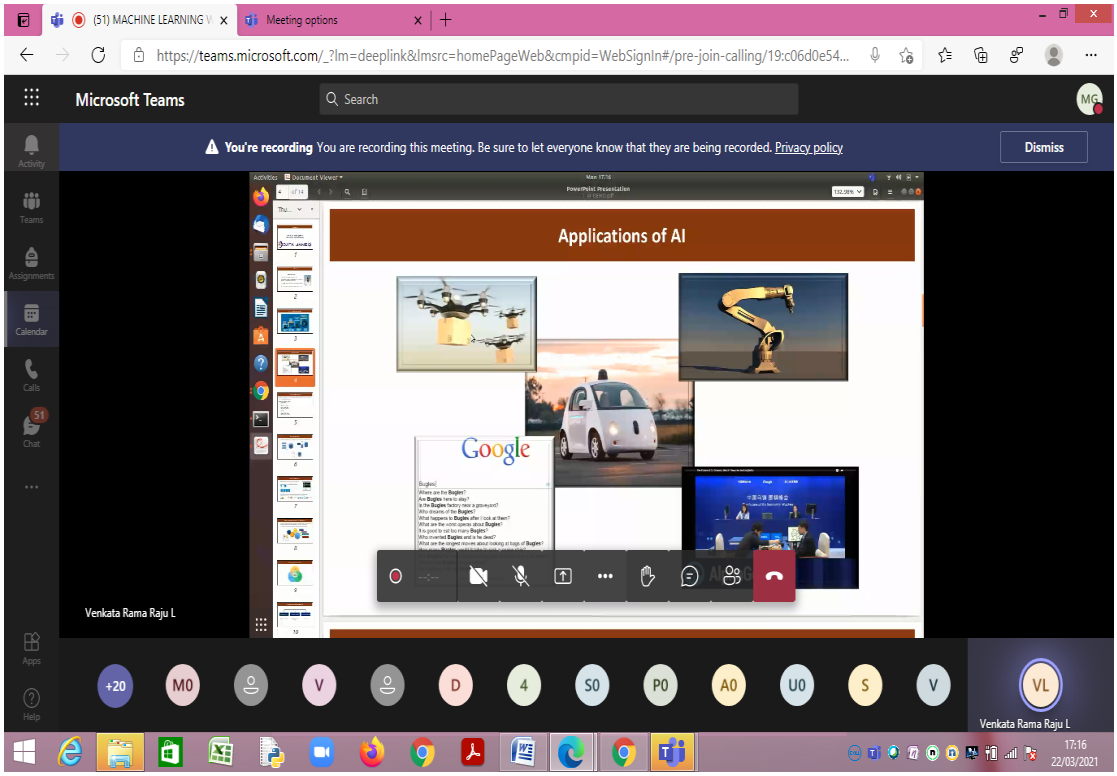
Day 1:

The Day-1 Session has started with the Introduction to Data Science and Machine Learning which was very interactive session where students and faculty has participated very actively. At the end of session, Mr. Venkata Rama Raju has clarified student's doubts and explained their queries by some of the Real-World Practical examples.

The topics covered in the session were:

- Introduction to AI
- AI-Industrial Revolution

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Applications of AI
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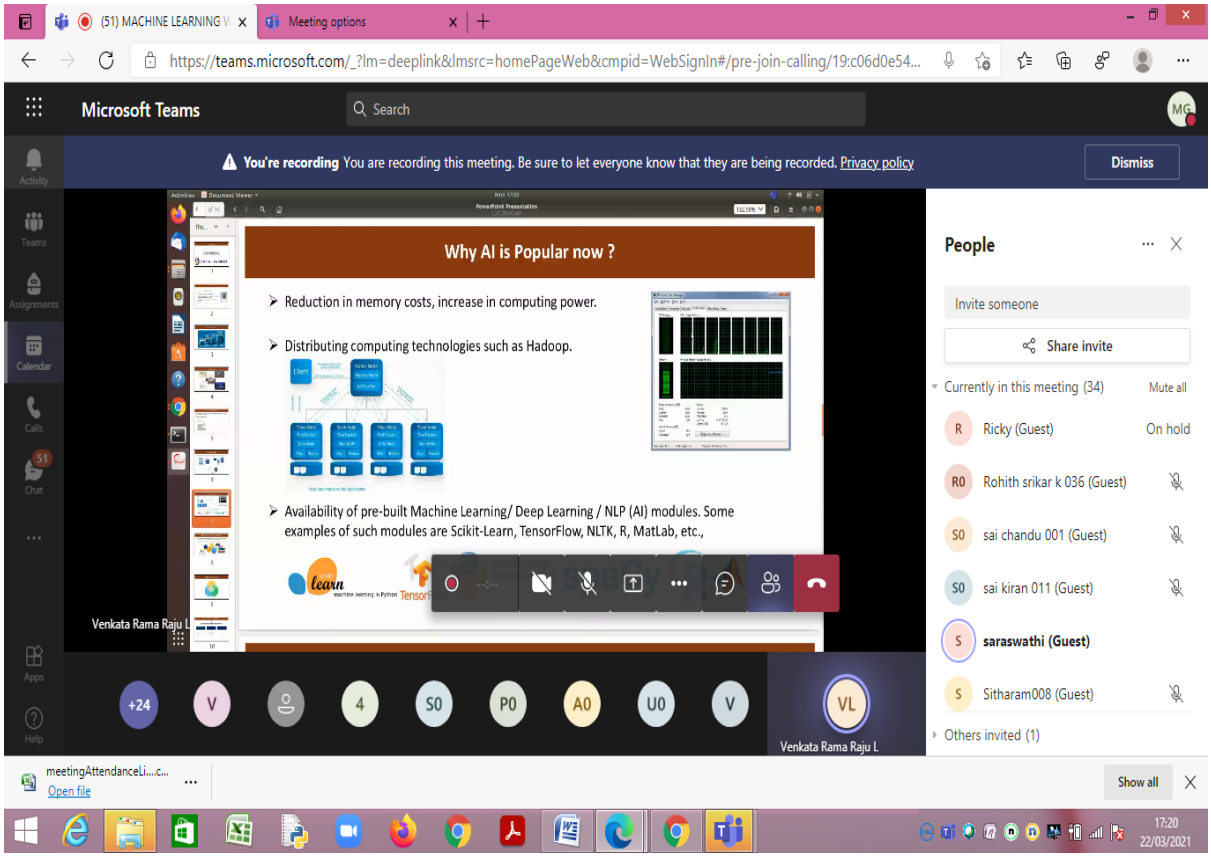
22/03/2021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Dismiss
Why AI is Popular now ?
Reduction in memory costs, increase in computing power.
Distributing computing technologies such as Hadoop.
Availability of pre-built Machine Learning/ Deep Learning / NLP (AI) modules. Some examples of such modules are Scikit-Learn, TensorFlow, NLTK, R, MatLab, etc.,
Venkata Rama Raju L
People
Invite someone
Share invite
Currently in this meeting (34)
Mute all
Ricky (Guest)
On hold
Rohith srikar k 036 (Guest)
sai chandu 001 (Guest)
sai kiran 011 (Guest)
saraswathi (Guest)
Sitharam008 (Guest)
Others invited (1)
+24
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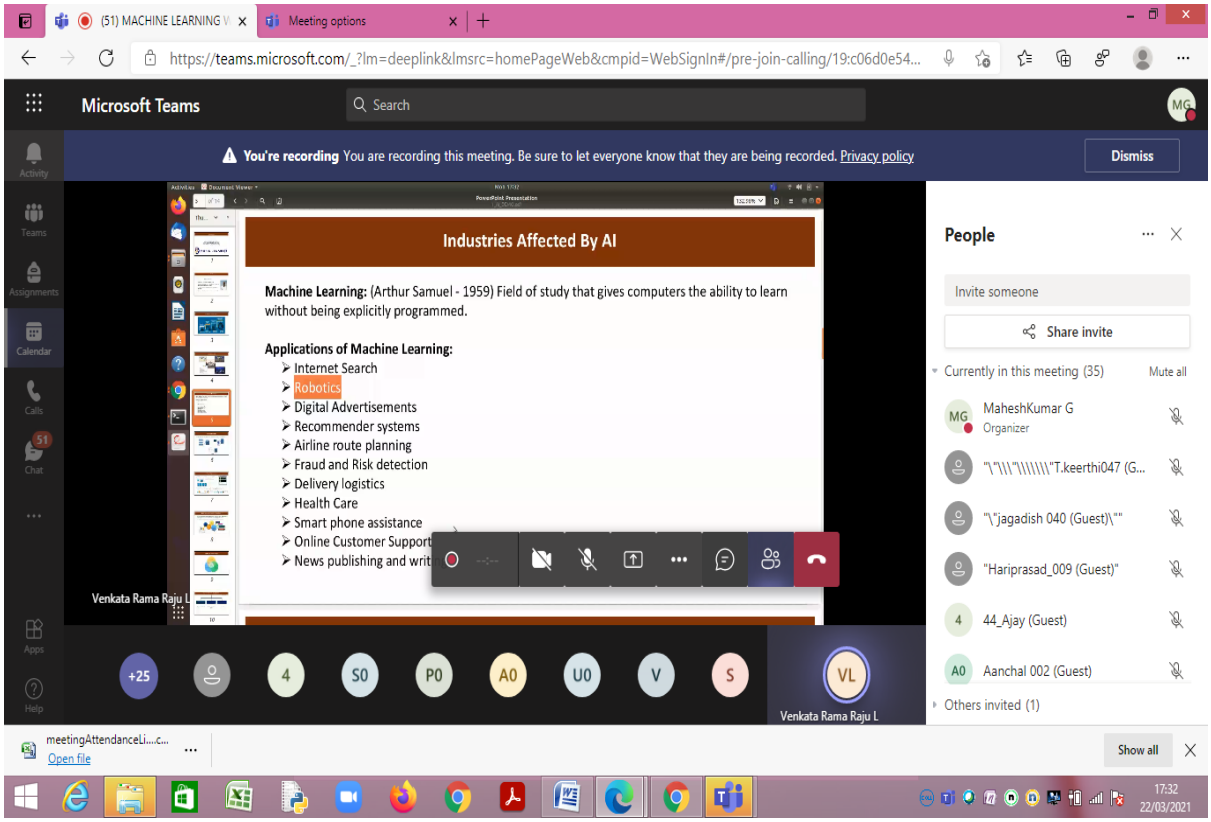
22/03/2021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Industries Affected By AI
Machine Learning: (Arthur Samuel - 1959) Field of study that gives computers the ability to learn without being explicitly programmed.
Applications of Machine Learning:
Internet Search
Robotics
Digital Advertisements
Recommender systems
Airline route planning
Fraud and Risk detection
Delivery logistics
Health Care
Smart phone assistance
Online Customer Support
News publishing and writ
Venkata Rama Raju L
People
Invite someone
Share invite
Currently in this meeting (35)
Mute all
MaheshKumar G
Organizer
"\"\\\"\\\\\\\"T.keerthi047 (G...
"\"jagadish 040 (Guest)\""
"Hariprasad_009 (Guest)"
44_Ajay (Guest)
Aanchal 002 (Guest)
Others invited (1)
+25
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MATLAB
Venkata Rama Raju L
+20
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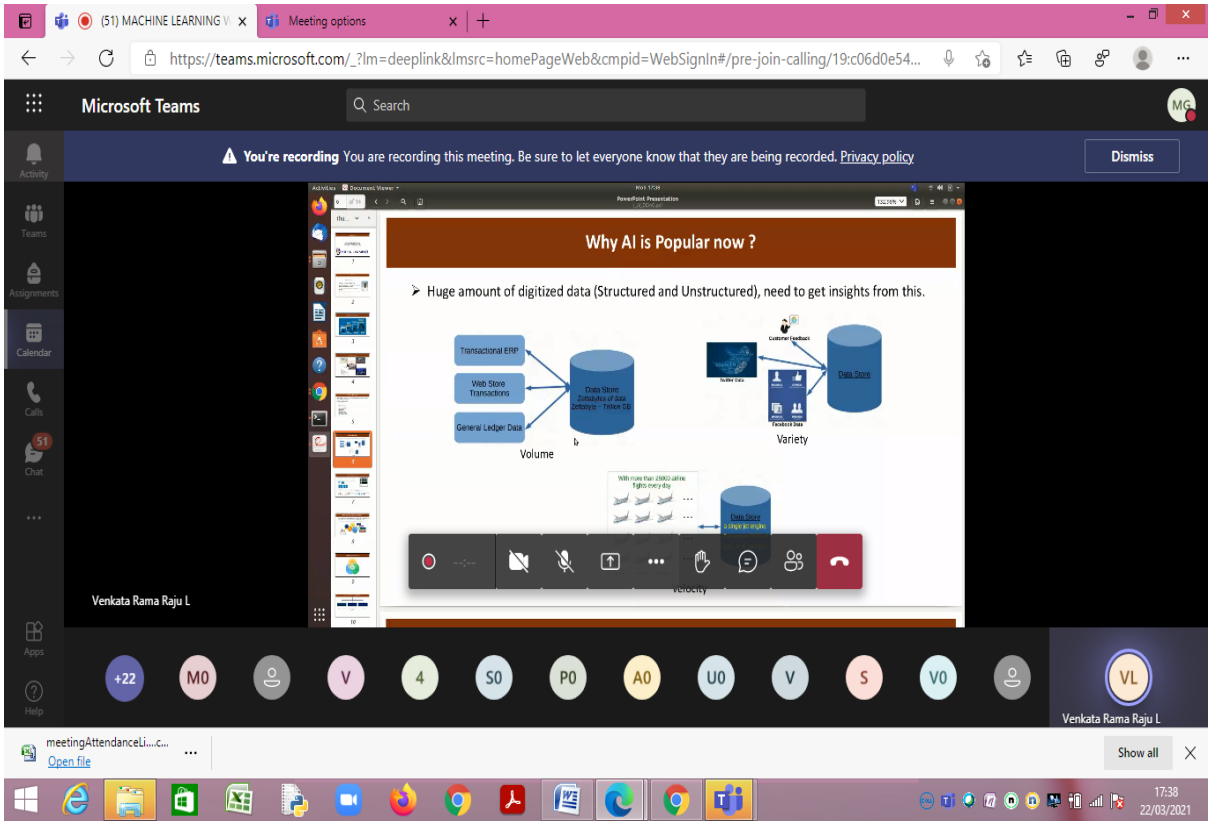
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Why AI is Popular now ?
Huge amount of digitized data (Structured and Unstructured), need to get insights from this.
Transactional ERP
Web Store Transactions
General Ledger Data
Data Store
Volume
Variety
Venkata Rama Raju L
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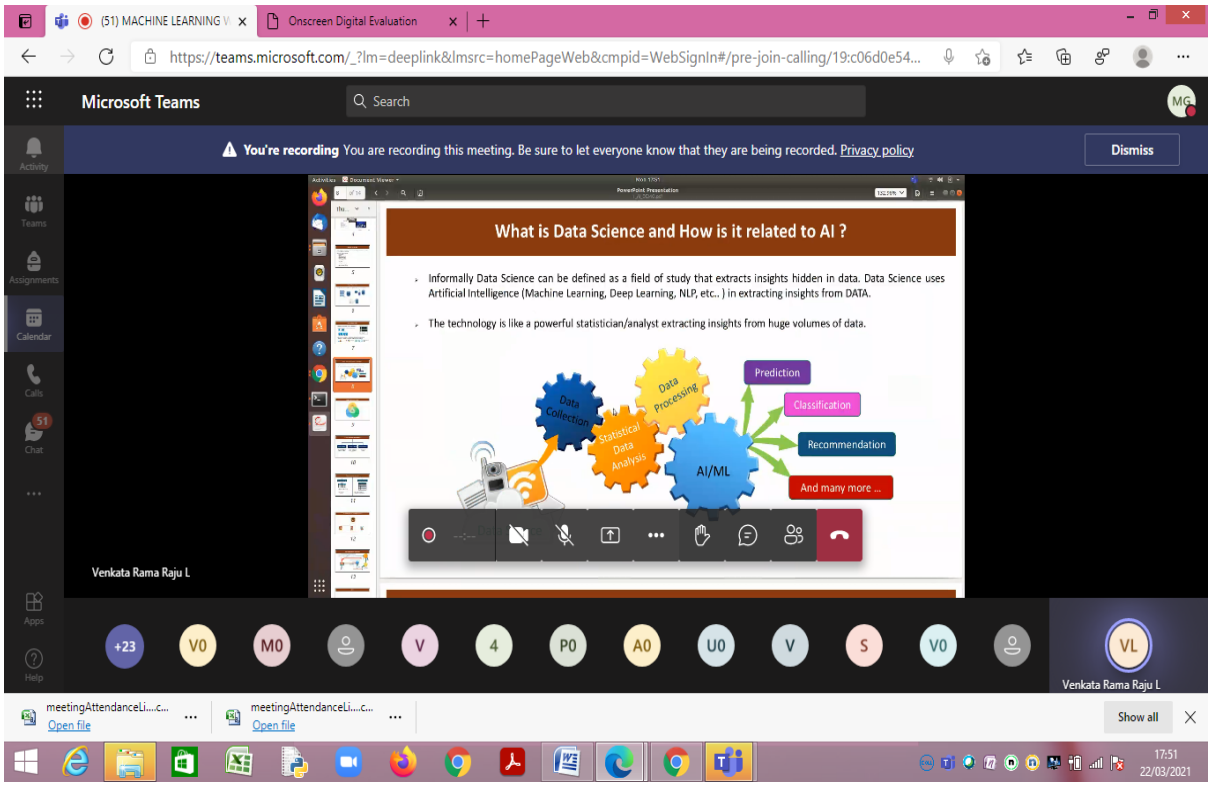
22/03/2021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Onscreen Digital Evaluation
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What is Data Science and How is it related to AI ?
Informally Data Science can be defined as a field of study that extracts insights hidden in data. Data Science uses Artificial Intelligence (Machine Learning, Deep Learning, NLP, etc..) in extracting insights from DATA.
The technology is like a powerful statistician/analyst extracting insights from huge volumes of data.
Data Collection
Data Processing
Statistical Data Analysis
AI/ML
Prediction
Classification
Recommendation
And many more ...
Venkata Rama Raju L
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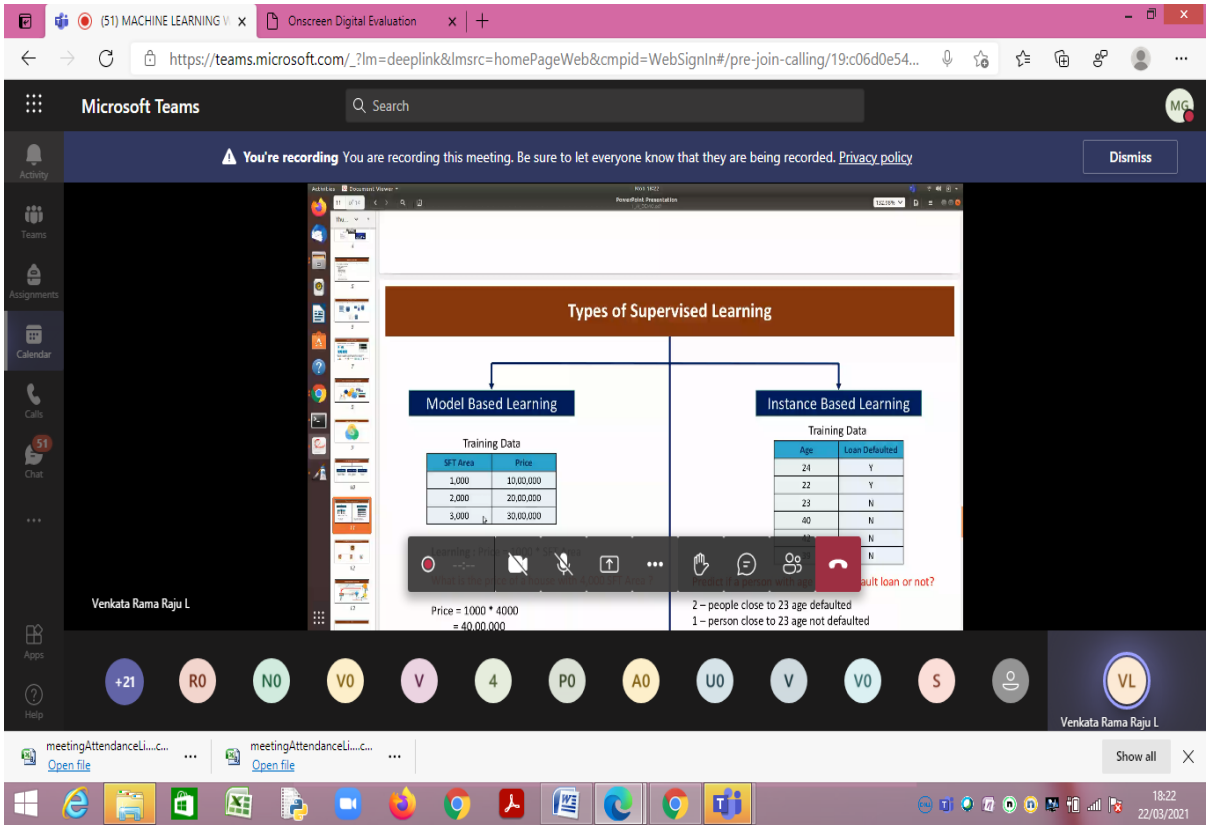
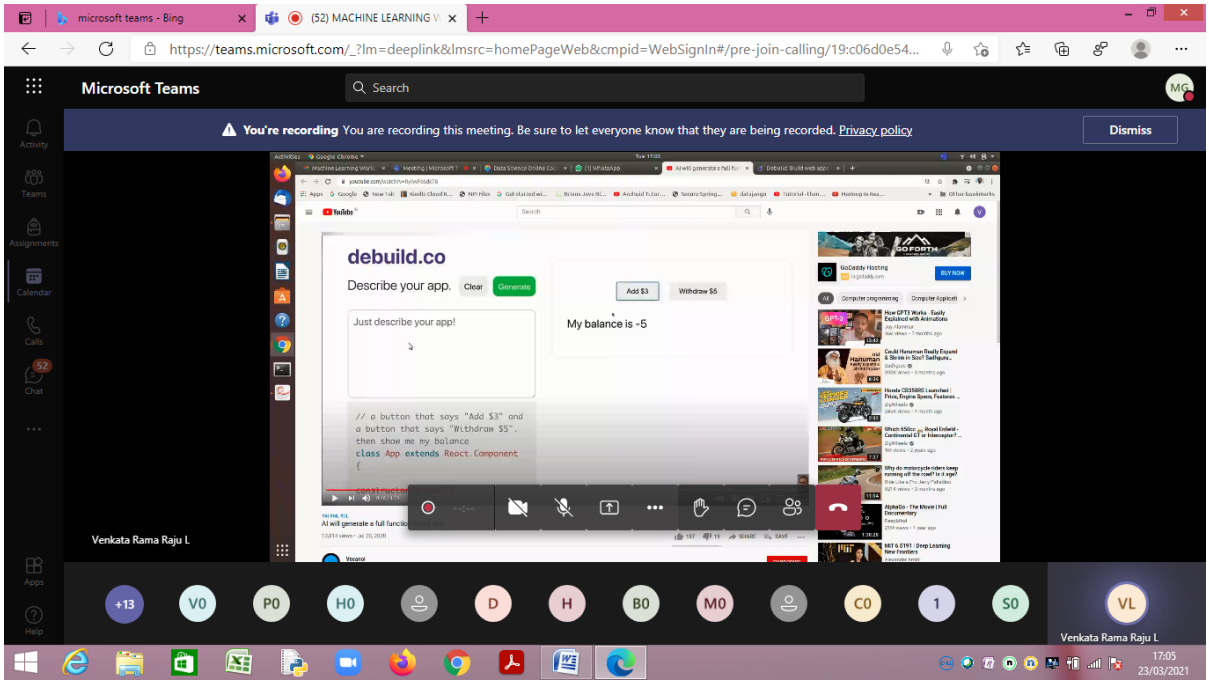


Day 2:

The Day-2 Session has started with the Introduction to Python and also given some practical examples for python. The Session followed by Installation of Anaconda Software which is used for compiling python also many other programming languages.The topics discussed were:

- Variable Declaration
- Compound Datatypes
- Control-flow Statements- Lists, Strings, Tuples, Sets, Dictionaries and List Comprehension.
- Data Manipulation Steps-Sorting, slicing, filtering, appending, sub setting, etc.
- Keywords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Dismiss
debuild.co
Describe your app.
Clear
Generate
Just describe your app!
Add $3
Withdraw $5
My balance is -5
// a button that says "Add $3" and a button that says "Withdraw $5". then show me my balance
class App extends React.Component
Venkata Rama Raju L
Activity
Teams
Assignments
Calendar
Calls
Chat
Apps
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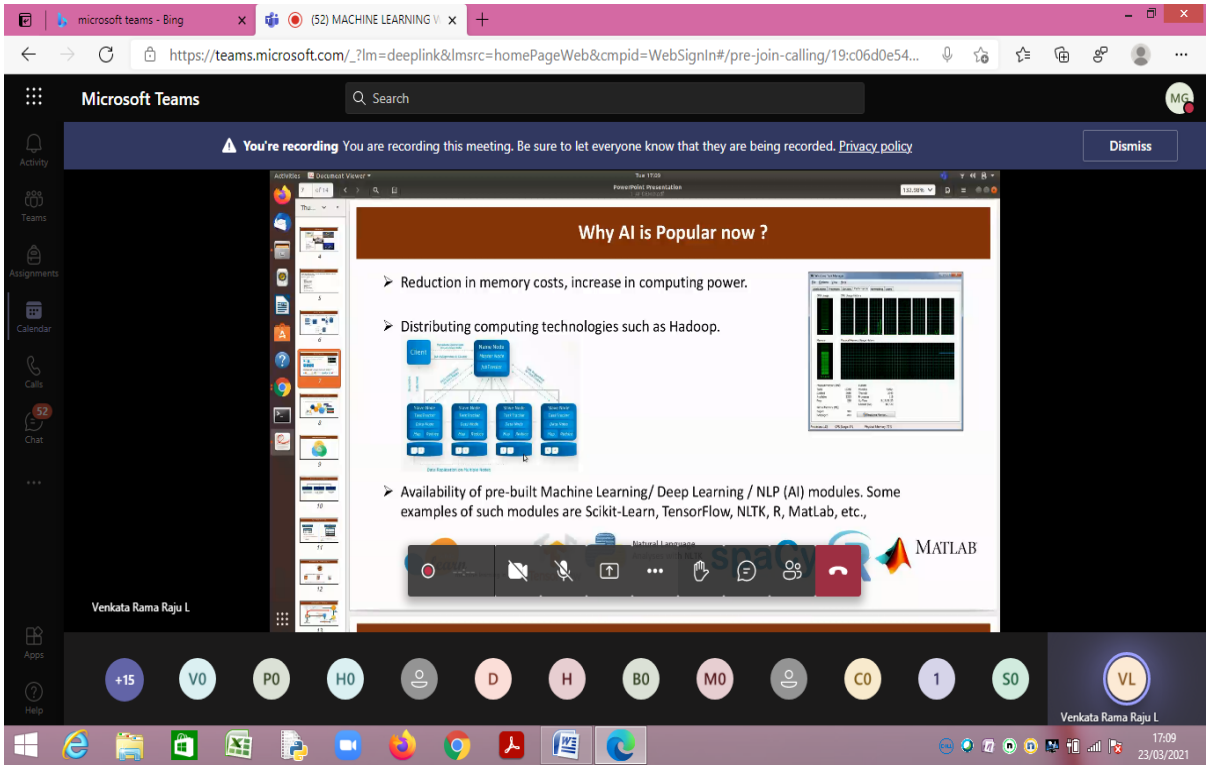
23/03/2021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MATLAB
Venkata Rama Raju L
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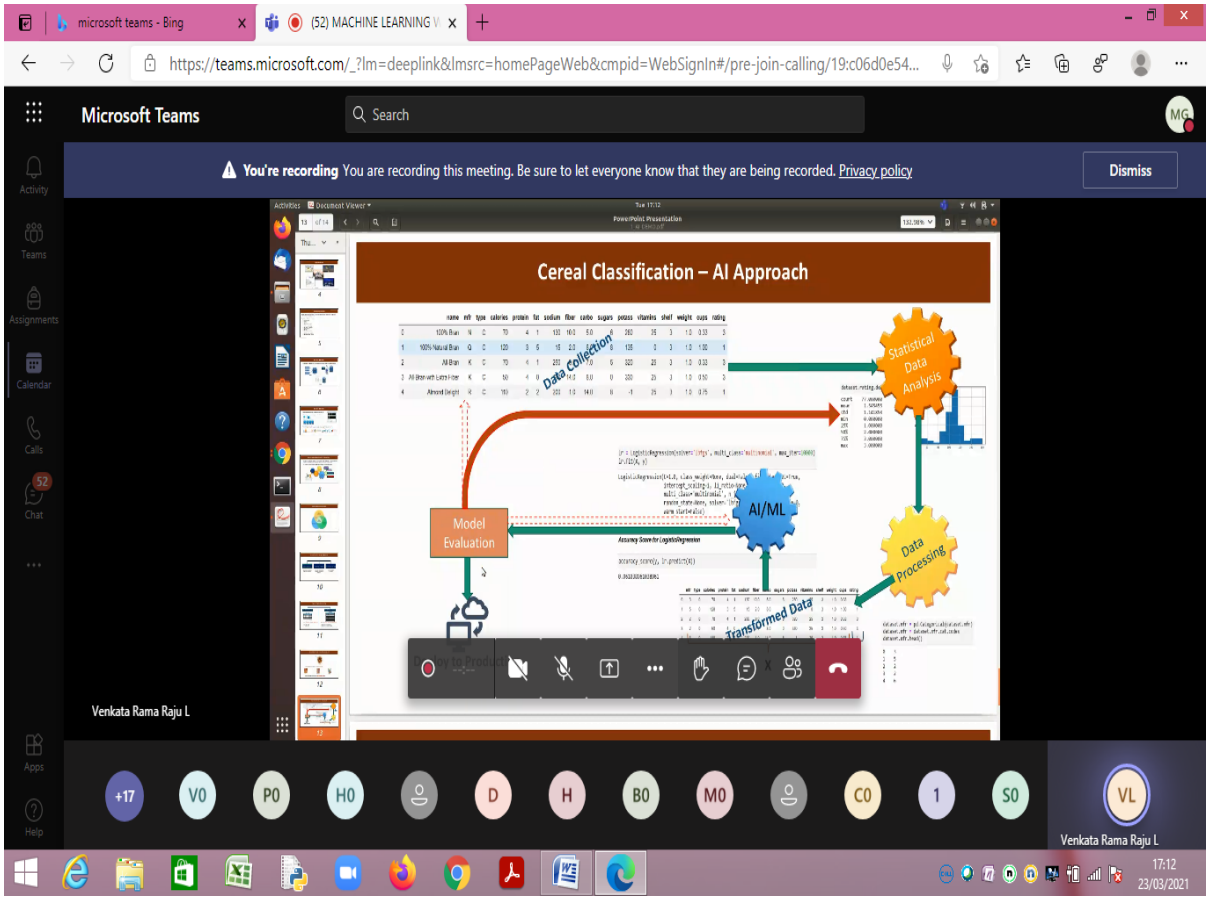
23/03/2021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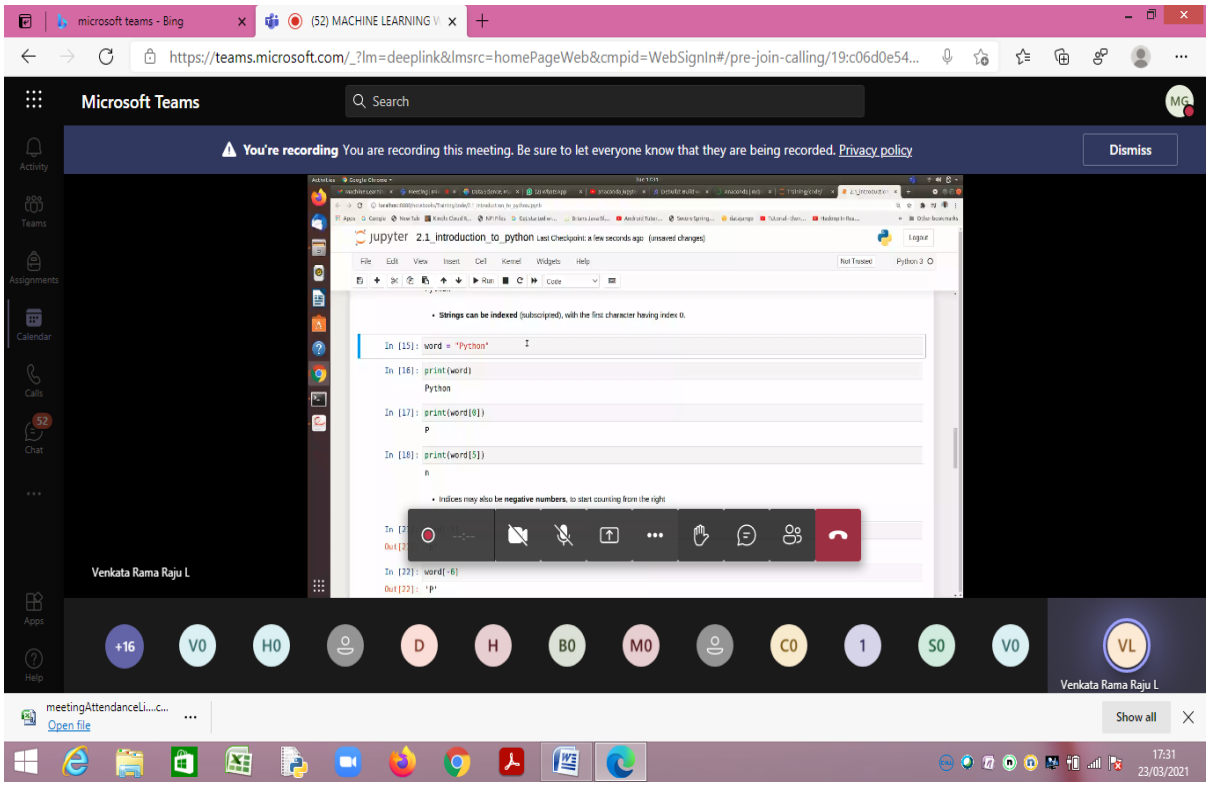
Cereal Classification – AI Approach
Data Collection
Statistical Data Analysis
AI/ML
Model Evaluation
Data Processing
Transformed Data
Venkata Rama Raju L
Venkata Rama Raju L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jupyter 2.1_introduction_to_python
Strings can be indexed (subscripted), with the first character having index 0.
In [15]: word = 'Python'
In [16]: print(word)
Python
In [17]: print(word[0])
P
In [18]: print(word[5])
n
Indices may also be negative numbers, to start counting from the right
In [22]: word[-6]
Out[22]: 'P'
Venkata Rama Raju L
Venkata Rama Raju L
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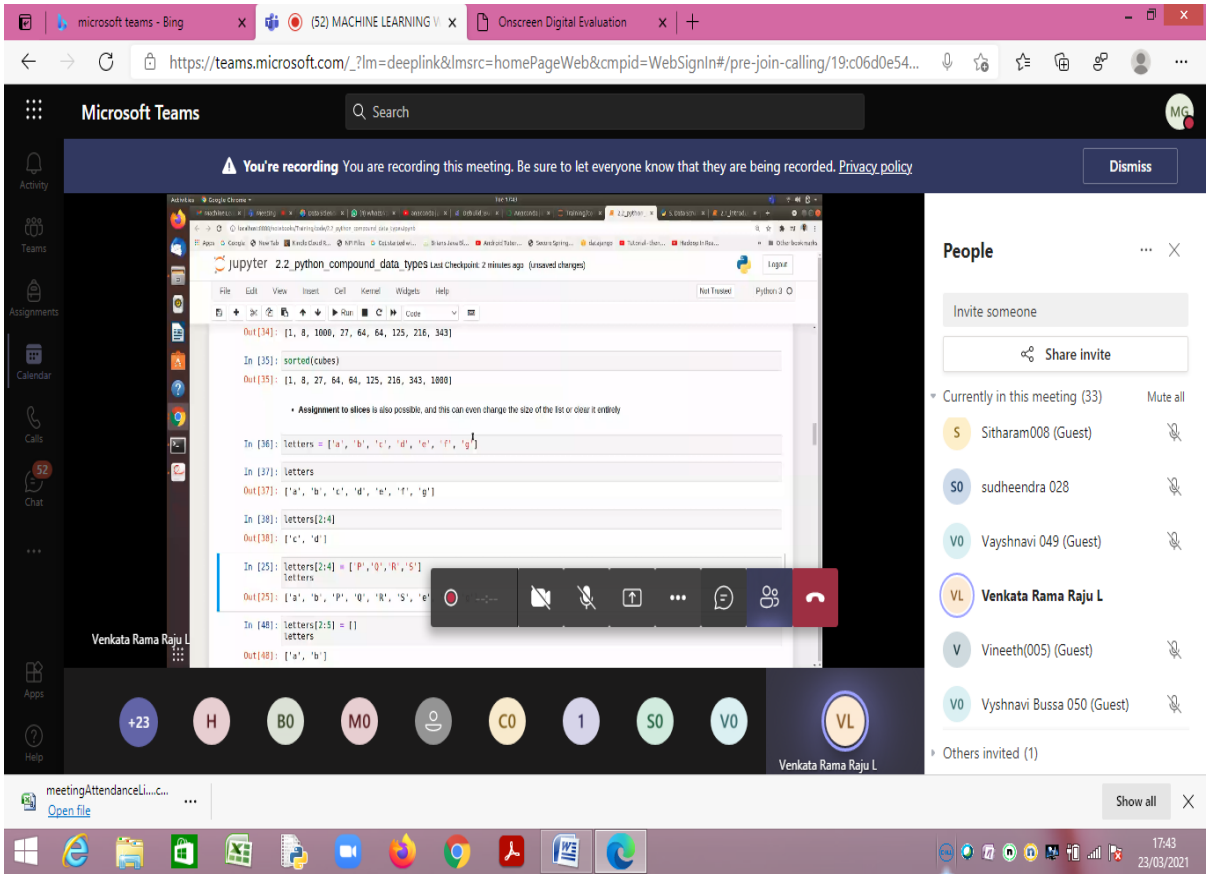
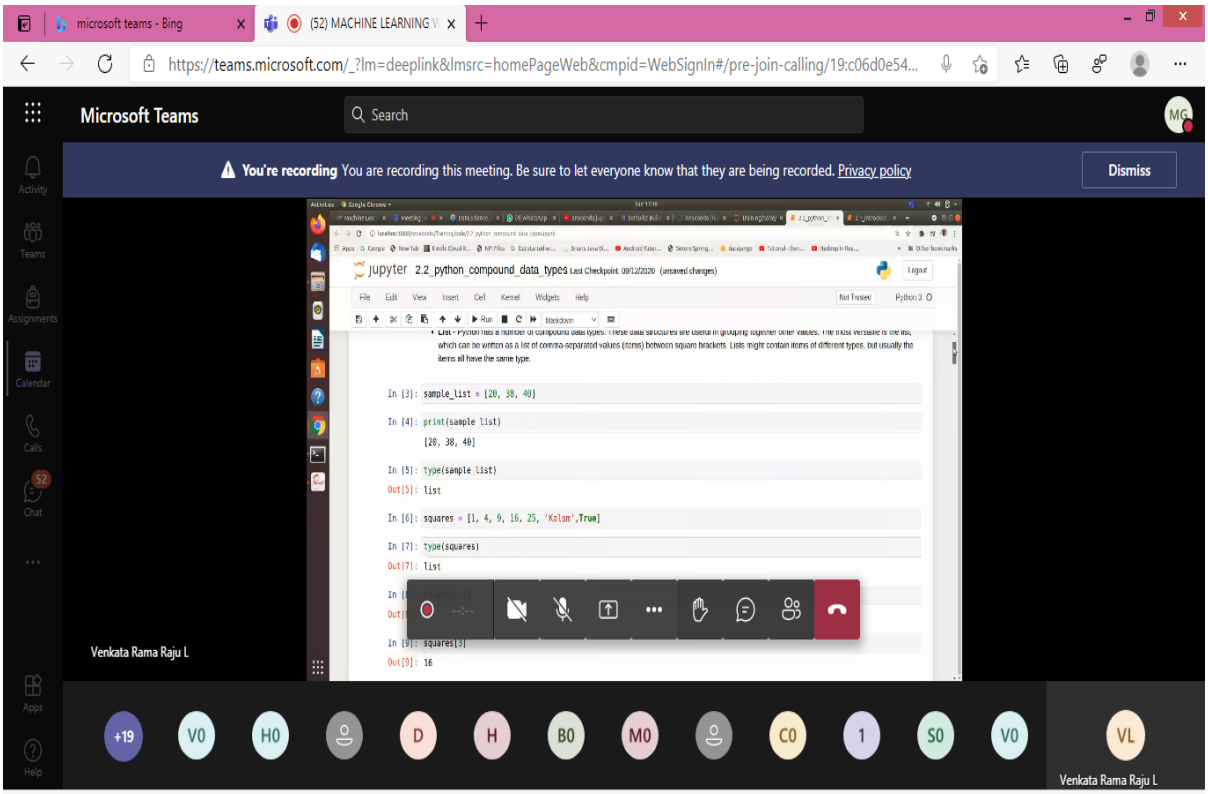
Show all



Day 3:

The day-3 began with the Introduction to Arrays where various types of Arrays and Matrices were demonstrated. The topics discussed were:

- 1D Array
- 2D Array
- Matrix Operations
- Pre-defined functions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jupyter 2.2_python_compound_data_types
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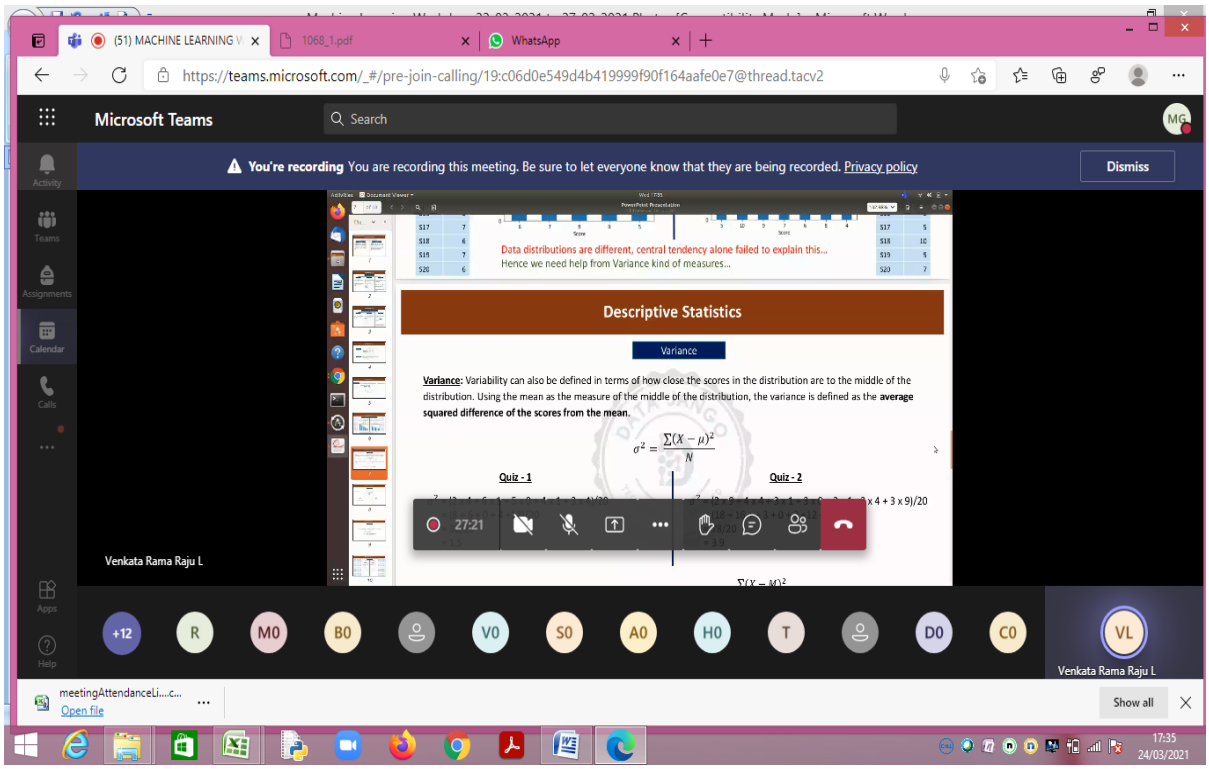
23/03/2021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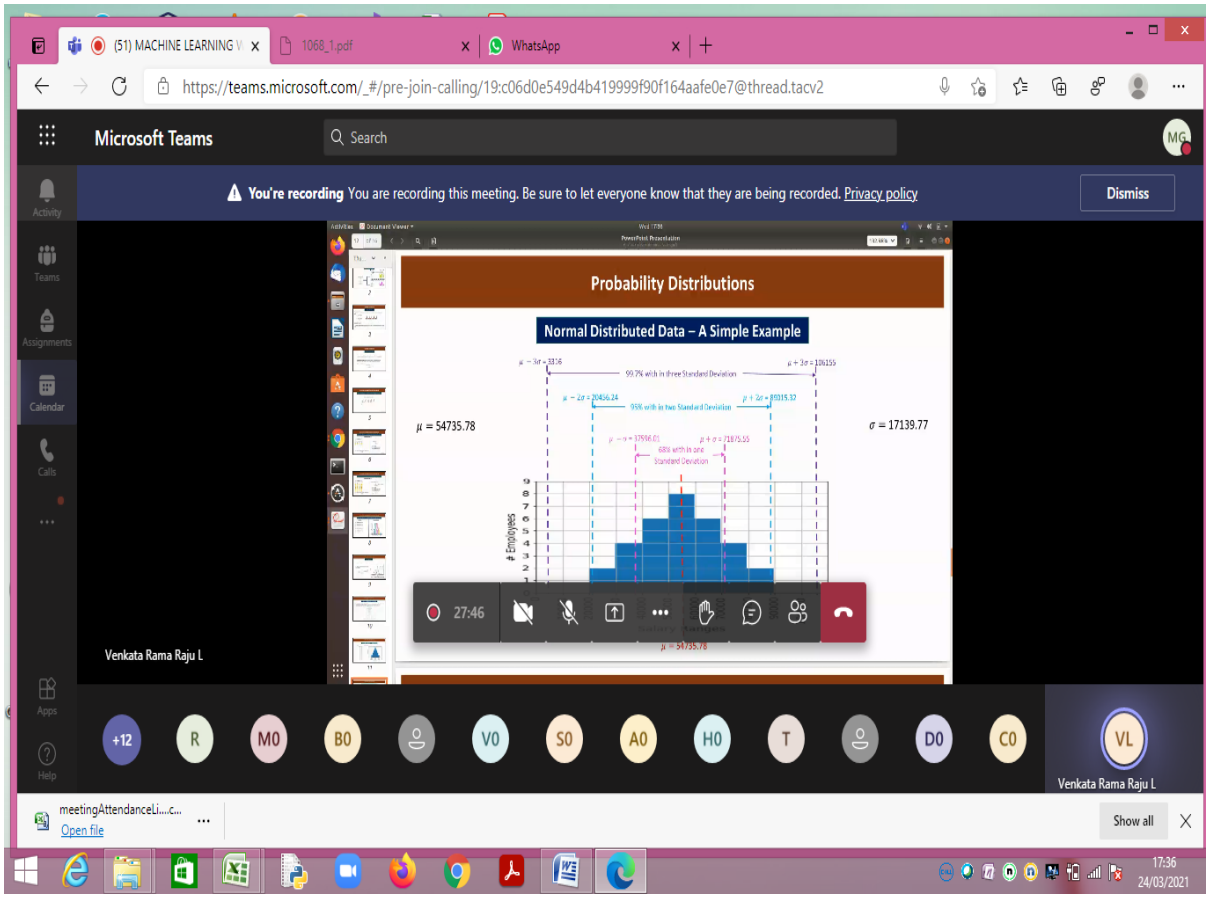
Data distributions are different, central tendency alone failed to explain this...
Hence we need help from Variance kind of measures...
Descriptive Statistics
Variance
Variance: Variability can also be defined in terms of how close the scores in the distribution are to the middle of the distribution. Using the mean as the measure of the middle of the distribution, the variance is defined as the average squared difference of the scores from the mean.
$\sigma^2 = \frac{\sum(X-\mu)^2}{N}$
Quiz - 1
Quiz - 2
Venkata Rama Raju L
meetingAttendanceLi....c...
Open file
Show all
17:35
24/03/2021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Probability Distributions
Normal Distributed Data – A Simple Example
μ = 54735.78
σ = 17139.77
Employees
27:46
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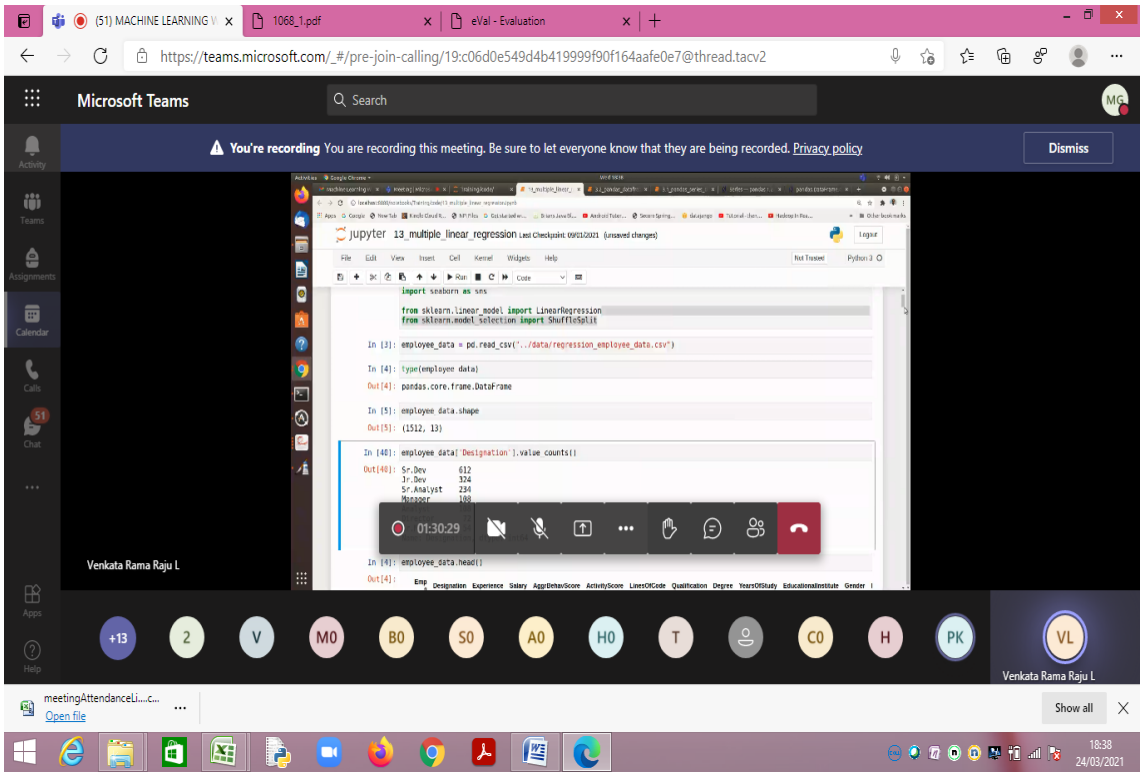
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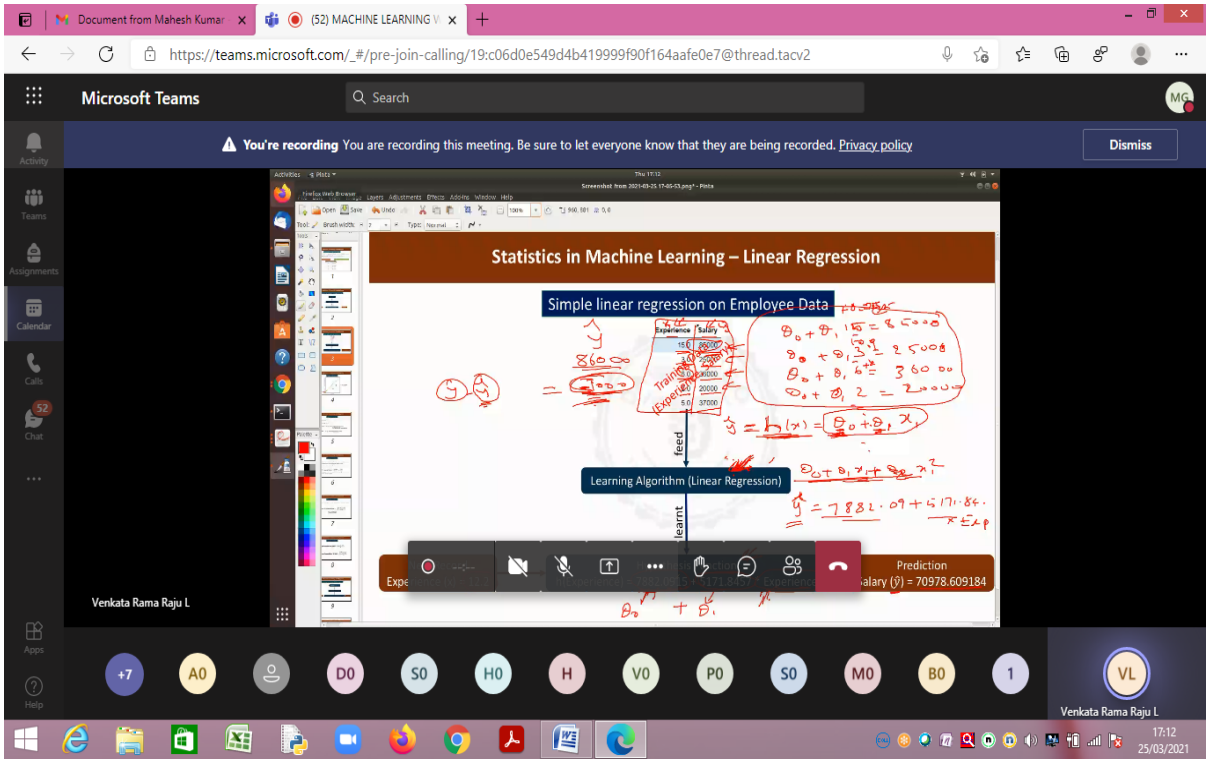
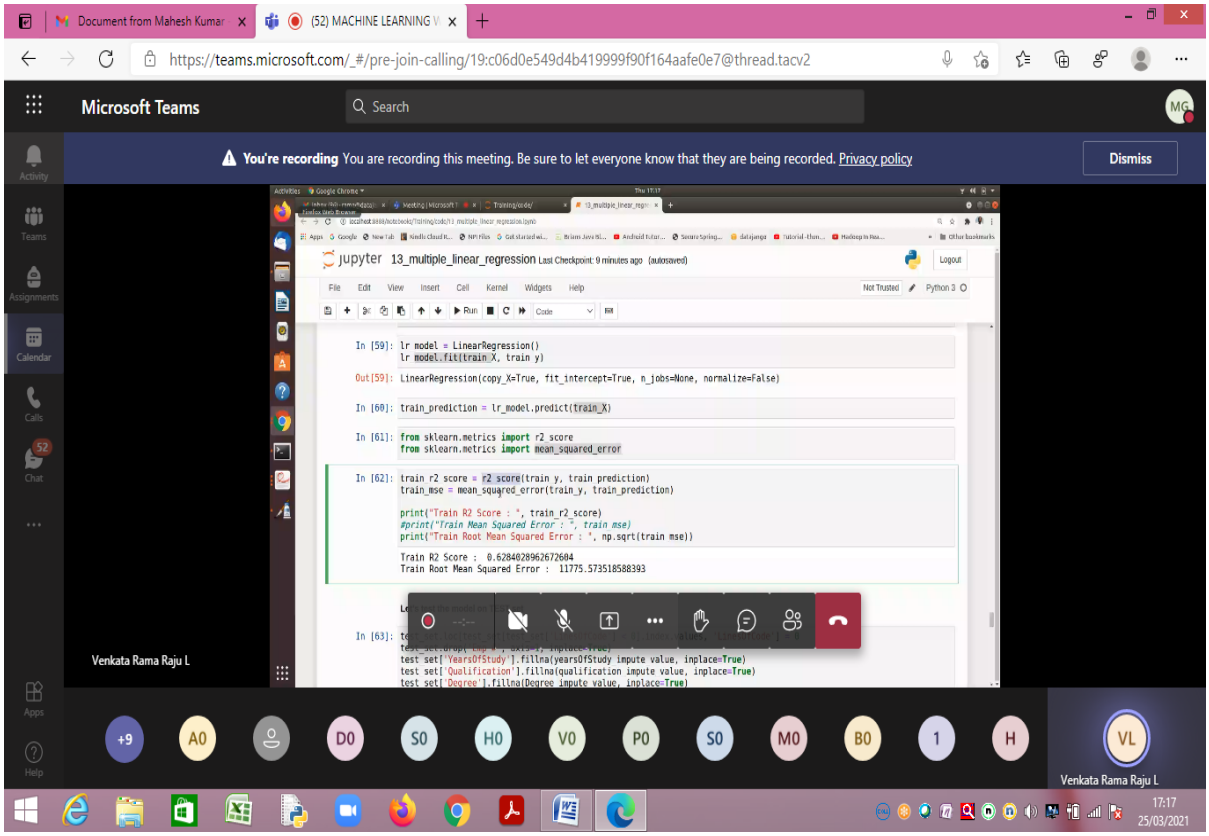
Day 4:

The Day-4 session was on Introduction to Pandas and Cleaning data like removing duplicates and clearing data. The topics discussed were:

- Pandas Series
- Types of Data frames in Pandas
- Introduction to Statistics
- Introduction to Exploratory Data Analysis

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jupyter 13_multiple_linear_regression Last Checkpoint: 9 minutes ago (autosaved)
In [59]: lr model = LinearRegression()
lr model.fit(train X, train y)
Out[59]: LinearRegression(copy_X=True, fit_intercept=True, n_jobs=None, normalize=False)
In [60]: train_prediction = lr_model.predict(train_X)
In [61]: from sklearn.metrics import r2 score
from sklearn.metrics import mean_squared_error
In [62]: train r2 score = r2 score(train y, train prediction)
train_mse = mean_squared_error(train_y, train_prediction)
print("Train R2 Score : ", train_r2_score)
#print("Train Mean Squared Error : ", train mse)
print("Train Root Mean Squared Error : ", np.sqrt(train mse))
Train R2 Score : 0.6284028962672604
Train Root Mean Squared Error : 11775.573518588393
In [63]:
test set['YearsOfStudy'].fillna(yearsOfStudy impute value, inplace=True)
test set['Qualification'].fillna(qualification impute value, inplace=True)
test set['Degree'].fillna(Degree impute value, inplace=True)
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Venkata Rama Raju L
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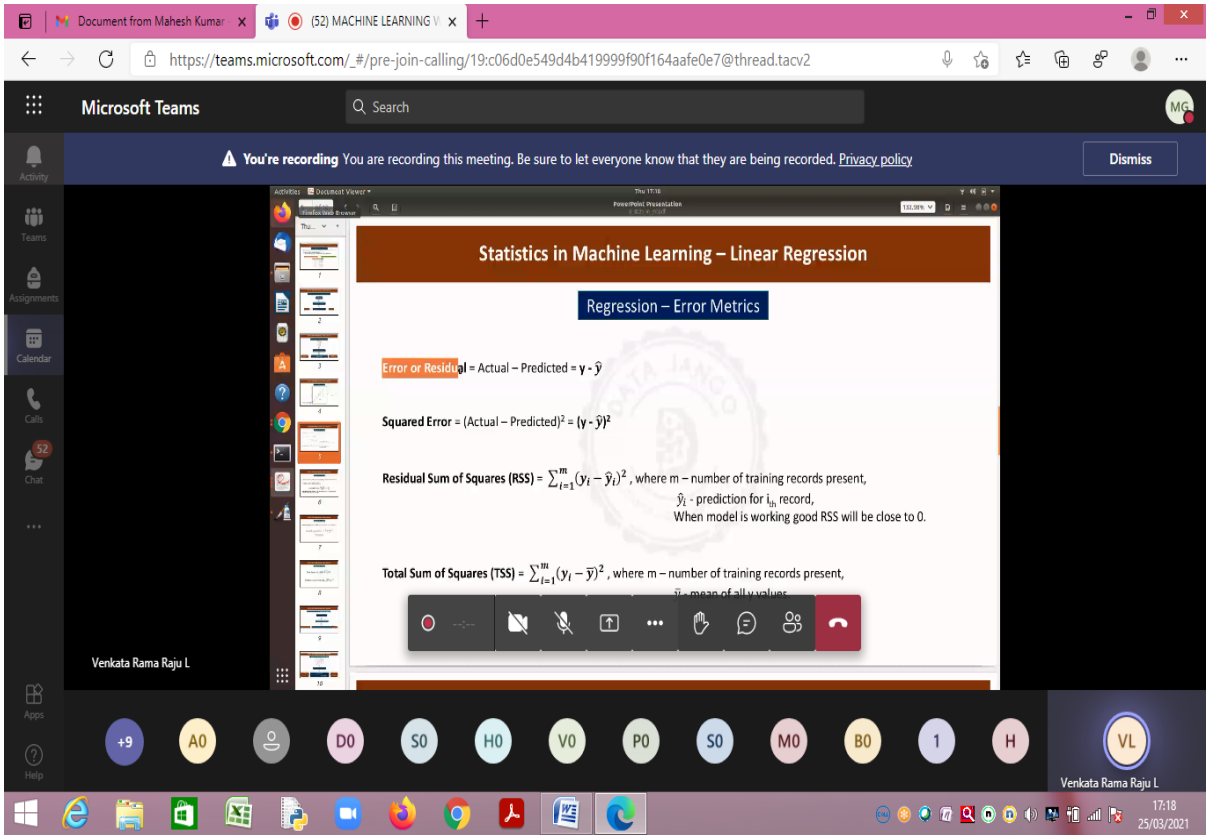
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Statistics in Machine Learning – Linear Regression
Regression – Error Metrics
Error or Residual = Actual – Predicted = y - ŷ
Squared Error = (Actual – Predicted)² = (y - ŷ)²
Residual Sum of Squares (RSS) = $\sum_{i=1}^{m}(y_i - \hat{y}_i)^2$, where m – number of training records present,
$\hat{y}_i$ - prediction for i_{th} record,
When model is working good RSS will be close to 0.
Total Sum of Squares (TSS) = $\sum_{i=1}^{m}(y_i - \bar{y})^2$, where m – number of training records present,
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Venkata Rama Raju L
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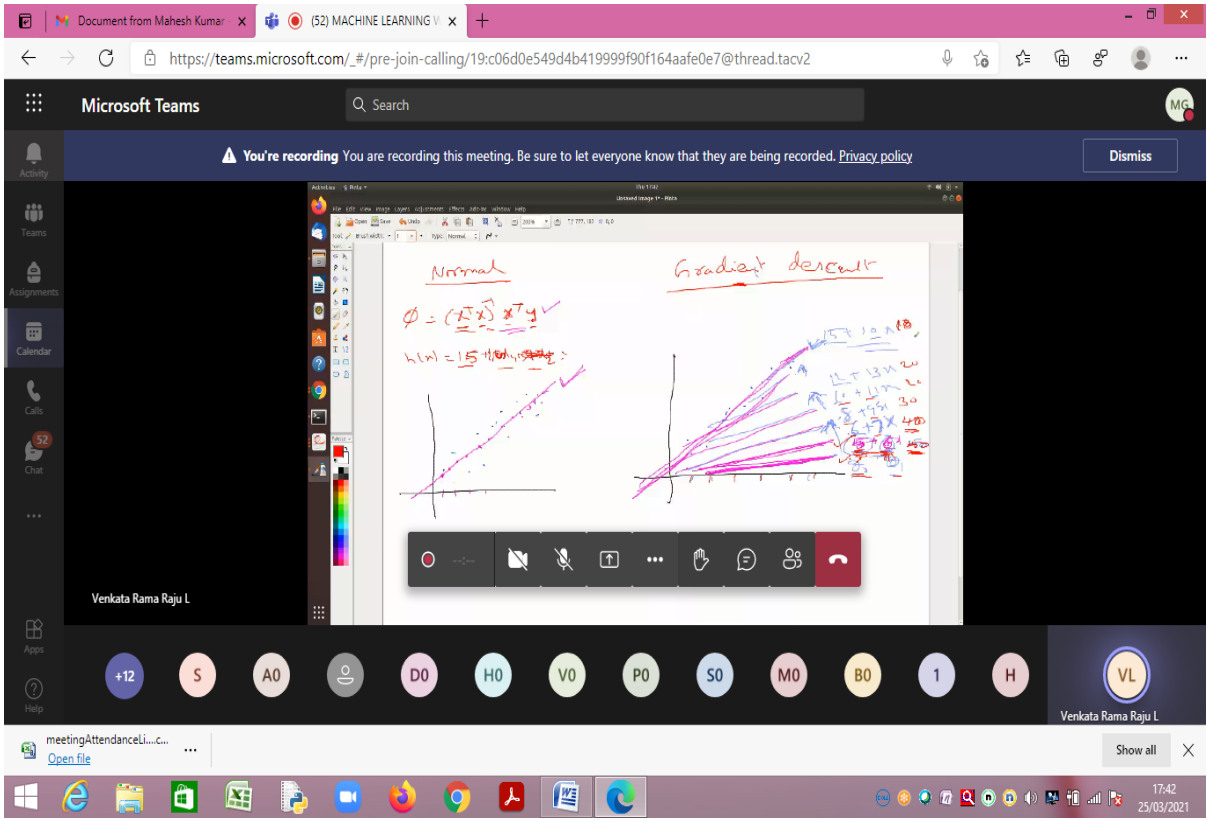
25/03/2021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Normal
Gradient descent
Venkata Rama Raju L
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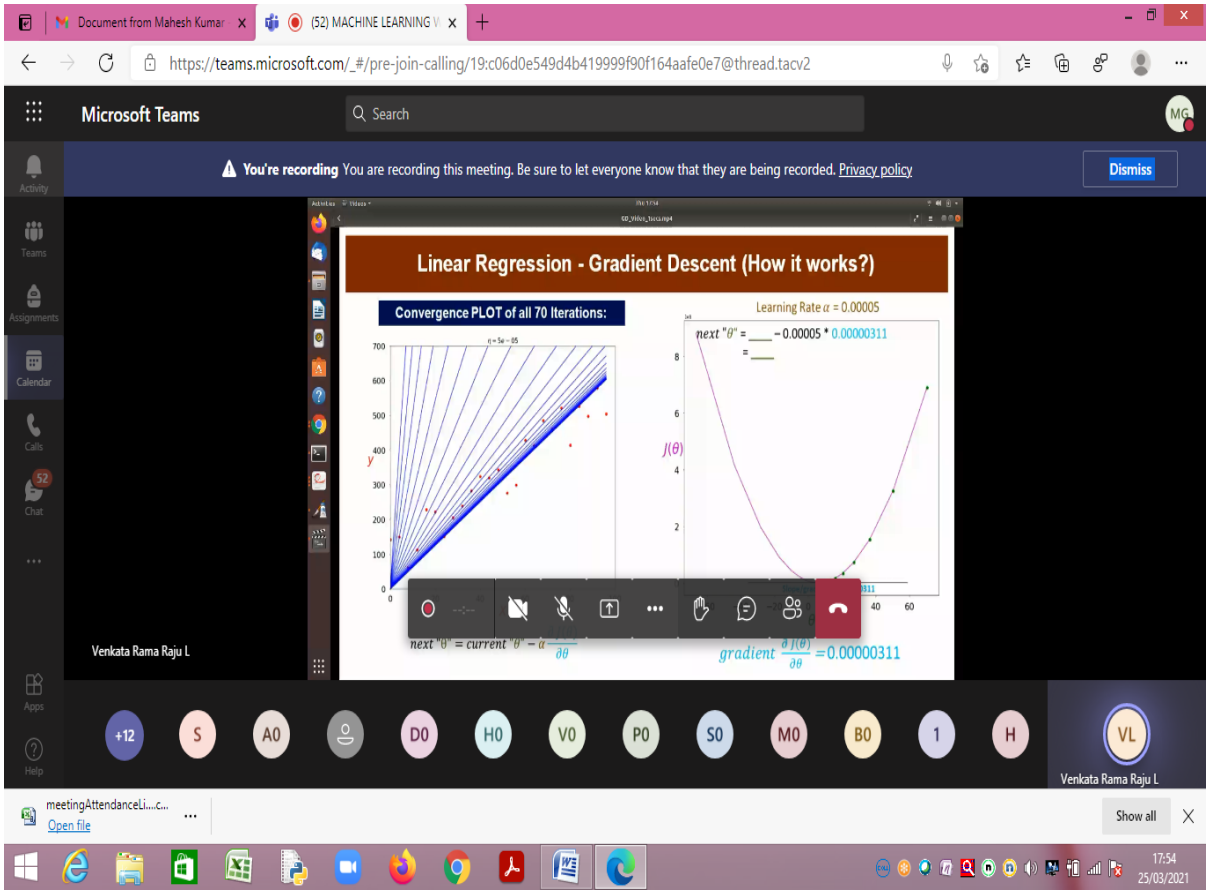
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Linear Regression - Gradient Descent (How it works?)
Convergence PLOT of all 70 Iterations:
Learning Rate α = 0.00005
next "θ" = ____ − 0.00005 * 0.00000311
= ____
next "θ" = current "θ" − α ∂J(θ)/∂θ
gradient ∂J(θ)/∂θ = 0.00000311
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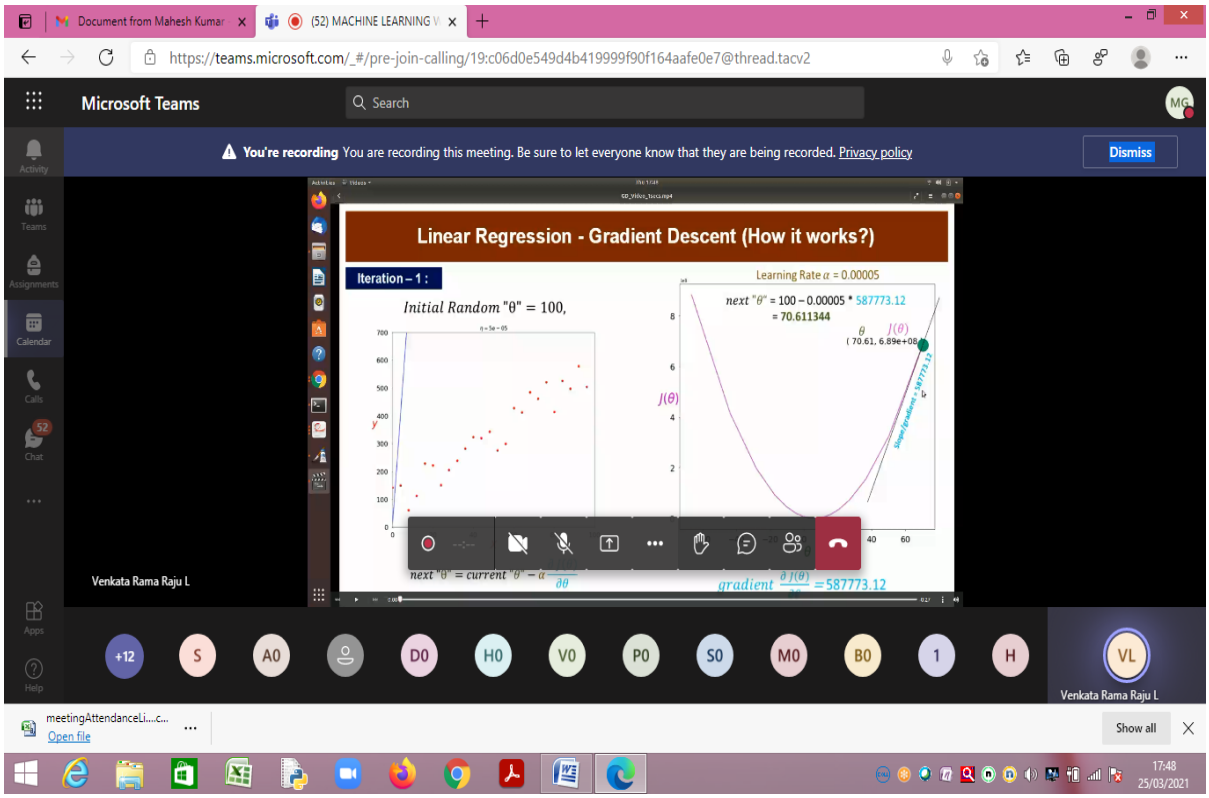
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Linear Regression - Gradient Descent (How it works?)
Iteration – 1 :
Initial Random "θ" = 100,
Learning Rate α = 0.00005
next "θ" = 100 − 0.00005 * 587773.12
= 70.611344
next "θ" = current "θ" − α ∂J(θ)/∂θ
gradient ∂J(θ)/∂θ = 587773.12
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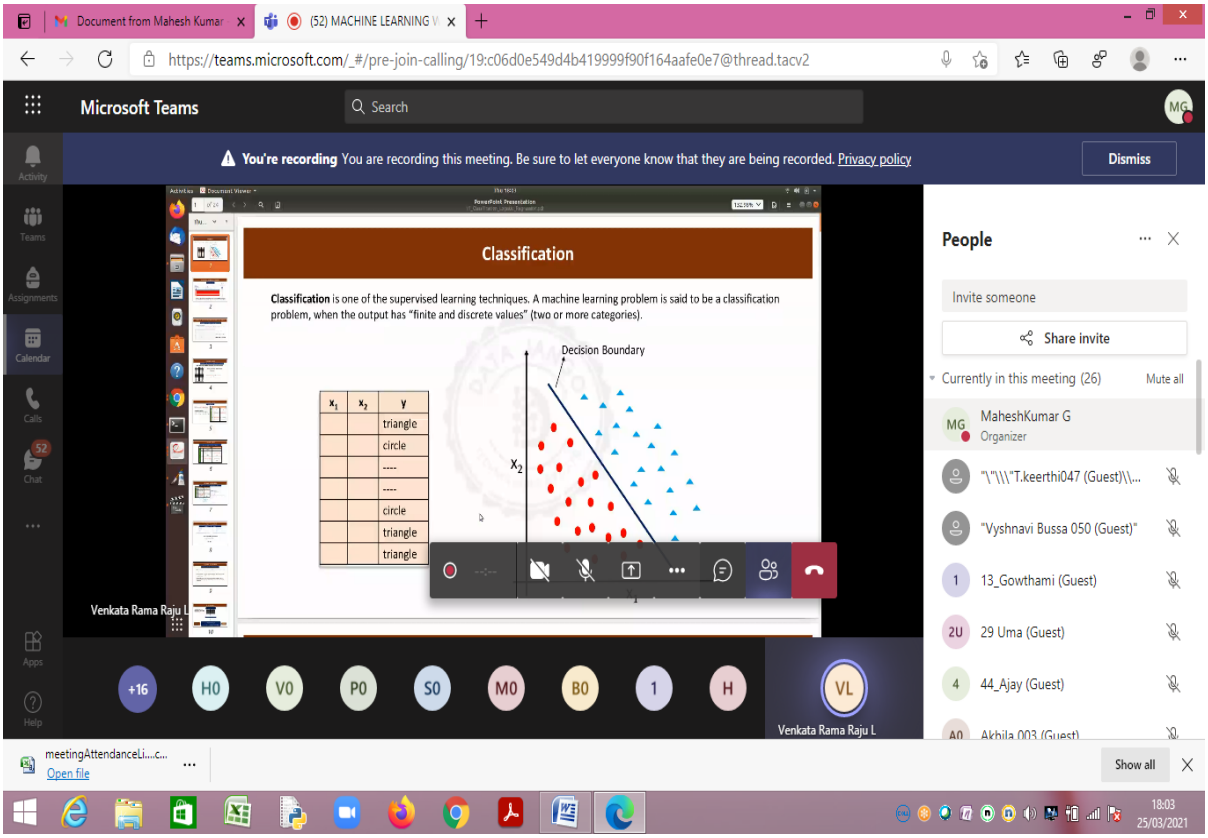
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Classification
Classification is one of the supervised learning techniques. A machine learning problem is said to be a classification problem, when the output has "finite and discrete values" (two or more categories).
Decision Boundary
x_1 x_2 y
triangle
circle

----
circle
triangle
triangle
X_2
Venkata Rama Raju L
People
Invite someone
Share invite
Currently in this meeting (26)
Mute all
MaheshKumar G
Organizer
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"Vyshnavi Bussa 050 (Guest)"
13_Gowthami (Guest)
29 Uma (Guest)
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Akhila 003 (Guest)
+16 H0 V0 P0 S0 M0 B0 1 H
VL
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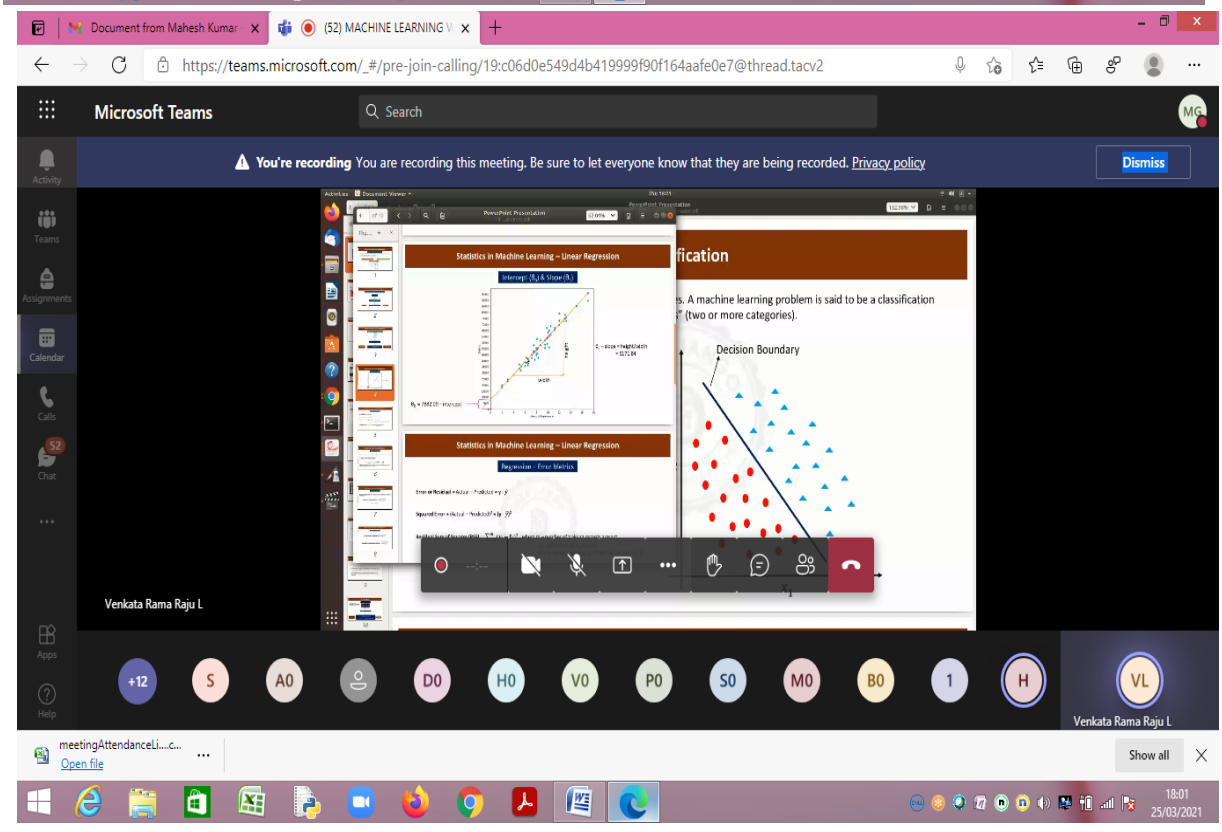
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Statistics in Machine Learning – Linear Regression
Statistics in Machine Learning – Linear Regression
Decision Boundary
Venkata Rama Raju L
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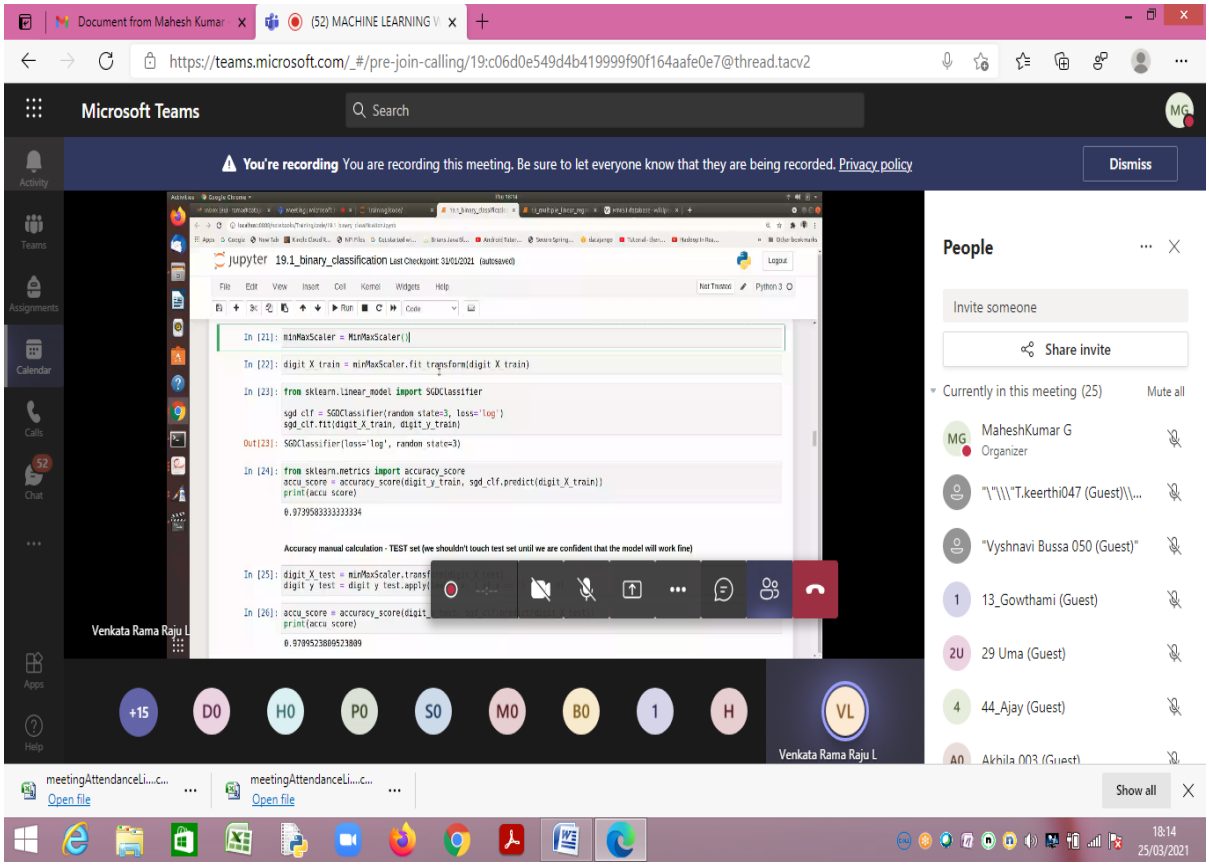
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jupyter 19.1_binary_classification Last Checkpoint: 31/01/2021 (autosaved)
In [21]: minMaxScaler = MinMaxScaler()
In [22]: digit_X_train = minMaxScaler.fit_transform(digit_X_train)
In [23]: from sklearn.linear_model import SGDClassifier
sgd_clf = SGDClassifier(random_state=3, loss='log')
sgd_clf.fit(digit_X_train, digit_y_train)
Out[23]: SGDClassifier(loss='log', random_state=3)
In [24]: from sklearn.metrics import accuracy_score
accu_score = accuracy_score(digit_y_train, sgd_clf.predict(digit_X_train))
print(accu_score)
0.9739583333333334
Accuracy manual calculation - TEST set (we shouldn't touch test set until we are confident that the model will work fine)
In [25]: digit_X_test = minMaxScaler.transf
digit_y_test = digit_y_test.apply(
In [26]: accu_score = accuracy_score(digit_
print(accu_score)
0.9709523809523809
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People
Invite someone
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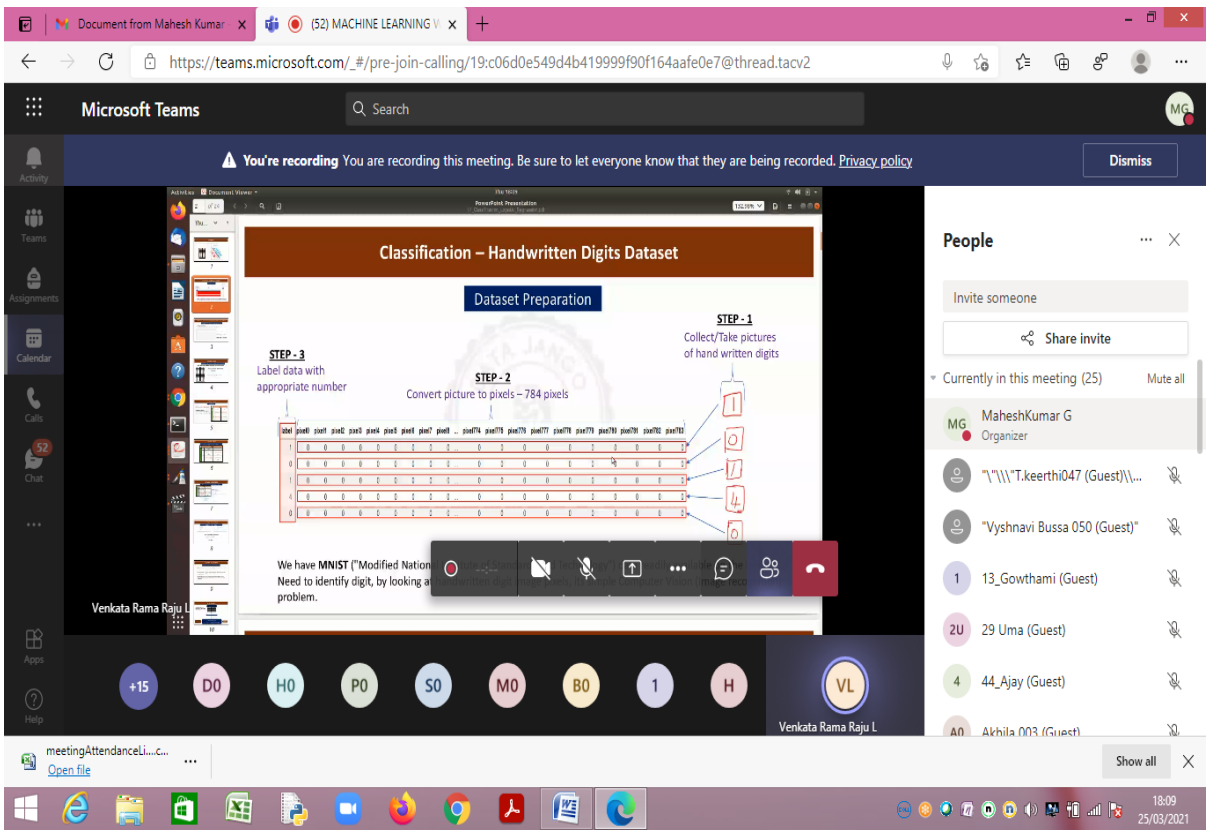
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Classification – Handwritten Digits Dataset
Dataset Preparation
STEP - 1
Collect/Take pictures of hand written digits
STEP - 2
Convert picture to pixels – 784 pixels
STEP - 3
Label data with appropriate number
We have MNIST ("Modified Nation
Need to identify digit, by looking a
problem.
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People
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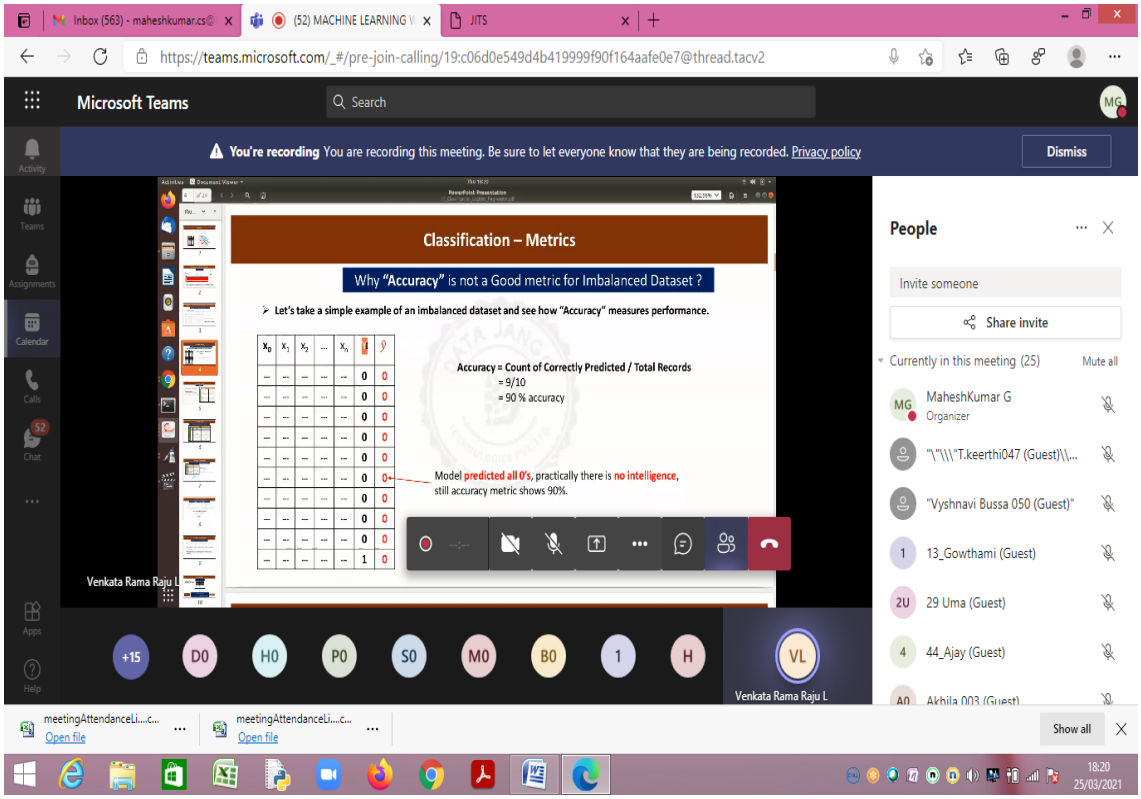
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Classification – Metrics
Why "Accuracy" is not a Good metric for Imbalanced Dataset ?
Let's take a simple example of an imbalanced dataset and see how "Accuracy" measures performance.
Accuracy = Count of Correctly Predicted / Total Records
= 9/10
= 90 % accuracy
Model predicted all 0's, practically there is no intelligence, still accuracy metric shows 90%.
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People
Invite someone
Share invite
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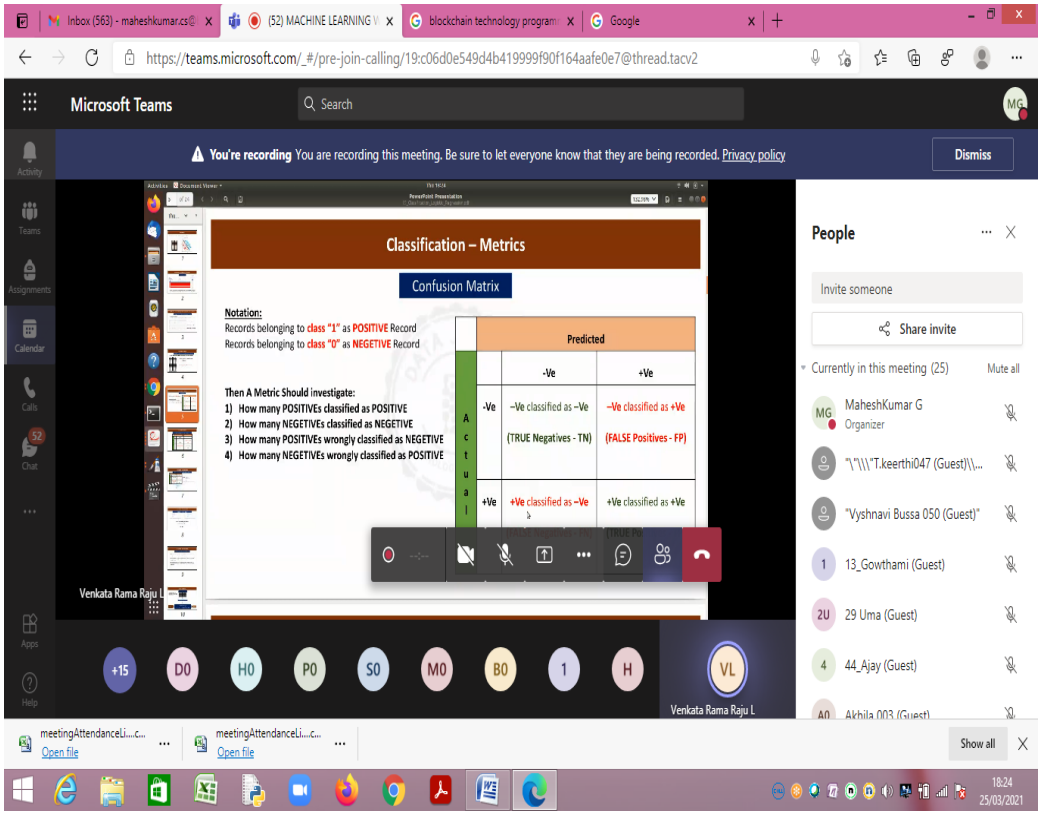
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Classification – Metrics
Confusion Matrix
Notation:
Records belonging to class "1" as POSITIVE Record
Records belonging to class "0" as NEGETIVE Record
Then A Metric Should investigate:
1) How many POSITIVEs classified as POSITIVE
2) How many NEGETIVEs classified as NEGETIVE
3) How many POSITIVEs wrongly classified as NEGETIVE
4) How many NEGETIVEs wrongly classified as POSITIVE
Predicted
-Ve
+Ve
Actual
-Ve
-Ve classified as -Ve
(TRUE Negatives - TN)
-Ve classified as +Ve
(FALSE Positives - FP)
+Ve
+Ve classified as -Ve
+Ve classified as +Ve
Venkata Rama Raju L
People
Invite someone
Share invite
Currently in this meeting (25)
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Organizer
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"Vyshnavi Bussa 050 (Guest)"
13_Gowthami (Guest)
29 Uma (Guest)
44_Ajay (Guest)
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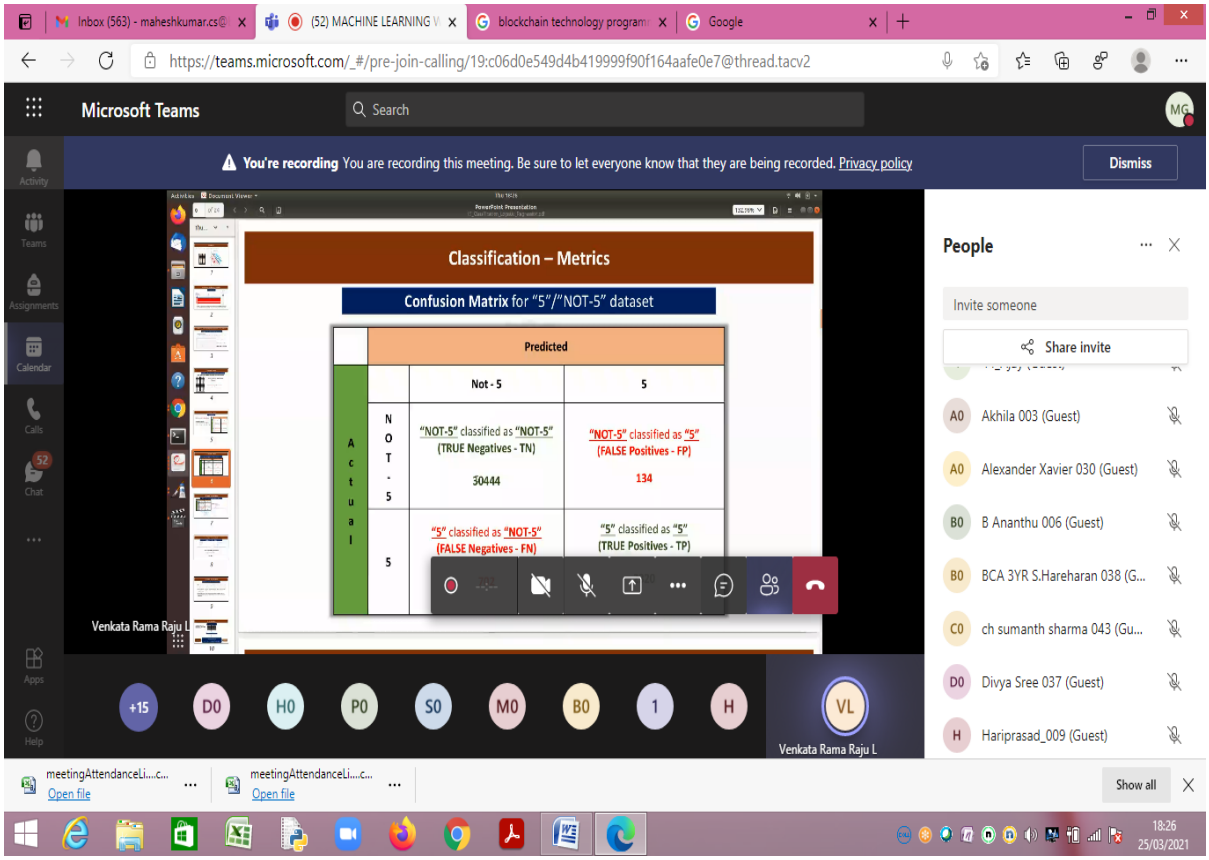
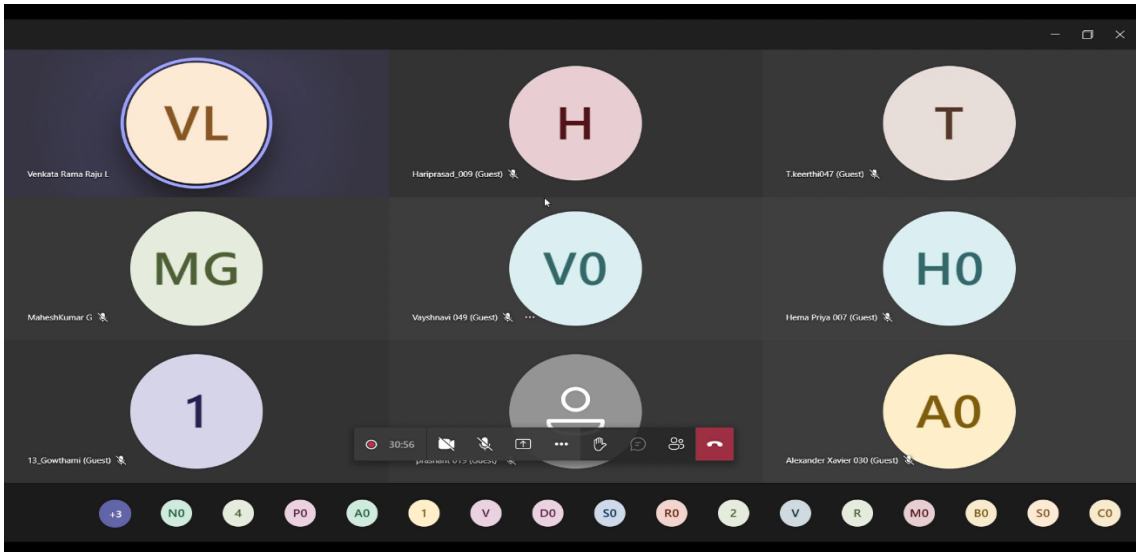


Day 5:

The Day-5 session was on Linear Regression. The topics discussed in the session were:

- Linear Regression.
- Types of Calculations performed in Linear Regression.
- Relu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T.keerthi047 (Guest)
MG
MaheshKumar G
V0
Vayshnavi 049 (Guest)
H0
Hema Priya 007 (Guest)
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13_Gowthami (Guest)
30:56
A0
Alexander Xavier 030 (Guest)
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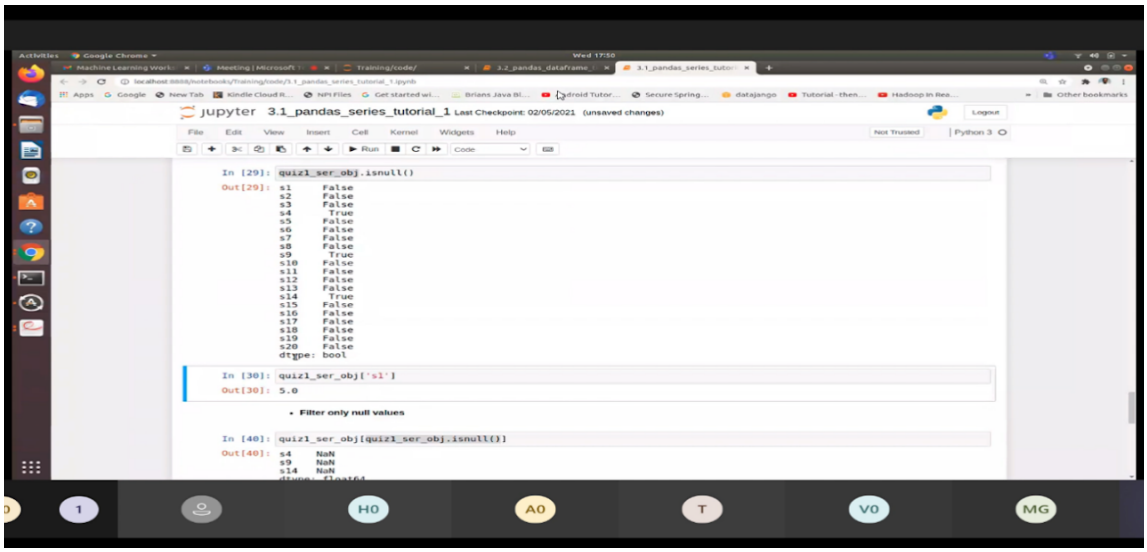
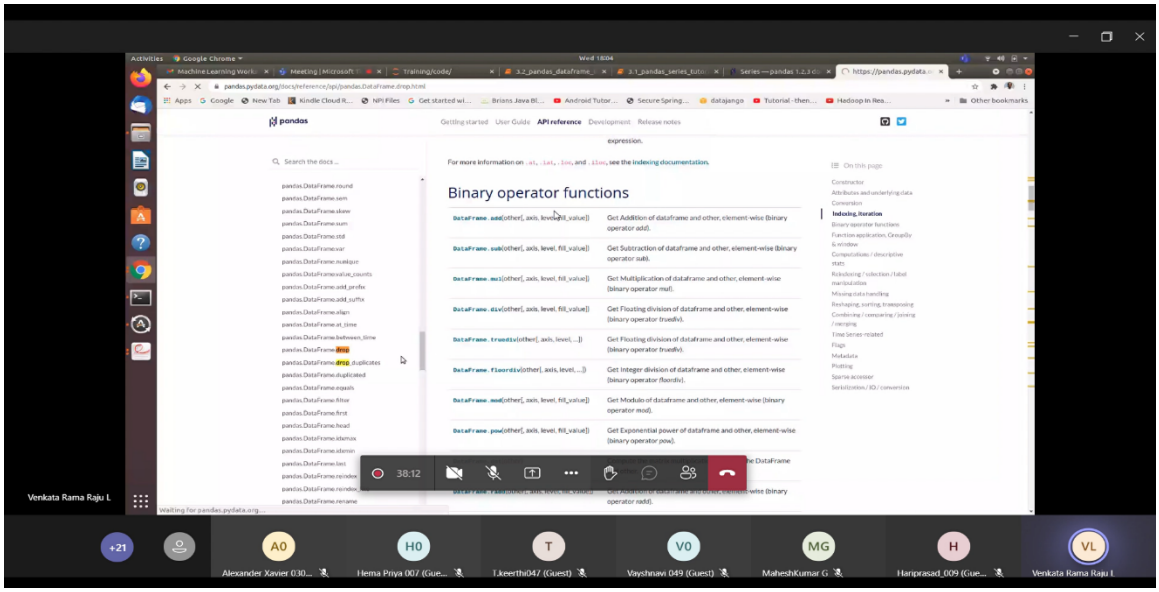
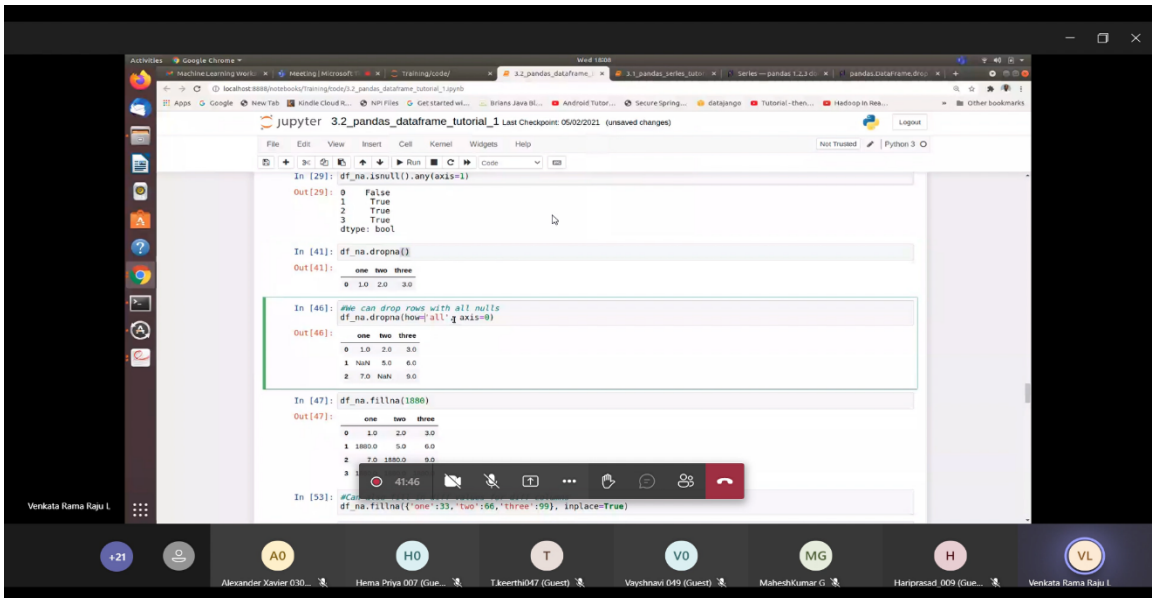

jupyter 3.1_pandas_series_tutorial_1 Last Checkpoint: 02/05/2021 (unsaved changes)
In [29]: quiz1_ser_obj.isnull()
Out[29]:
s1 False
s2 False
s3 False
s4 True
s5 False
s6 False
s7 False
s8 False
s9 True
s10 False
s11 False
s12 False
s13 False
s14 True
s15 False
s16 False
s17 False
s18 False
s19 False
s20 False
dtype: bool
In [30]: quiz1_ser_obj['s1']
Out[30]: 5.0
• Filter only null values
In [40]: quiz1_ser_obj[quiz1_ser_obj.isnull()]
Out[40]:
s4 NaN
s9 NaN
s14 NaN
1
H0
A0
T
V0
MG

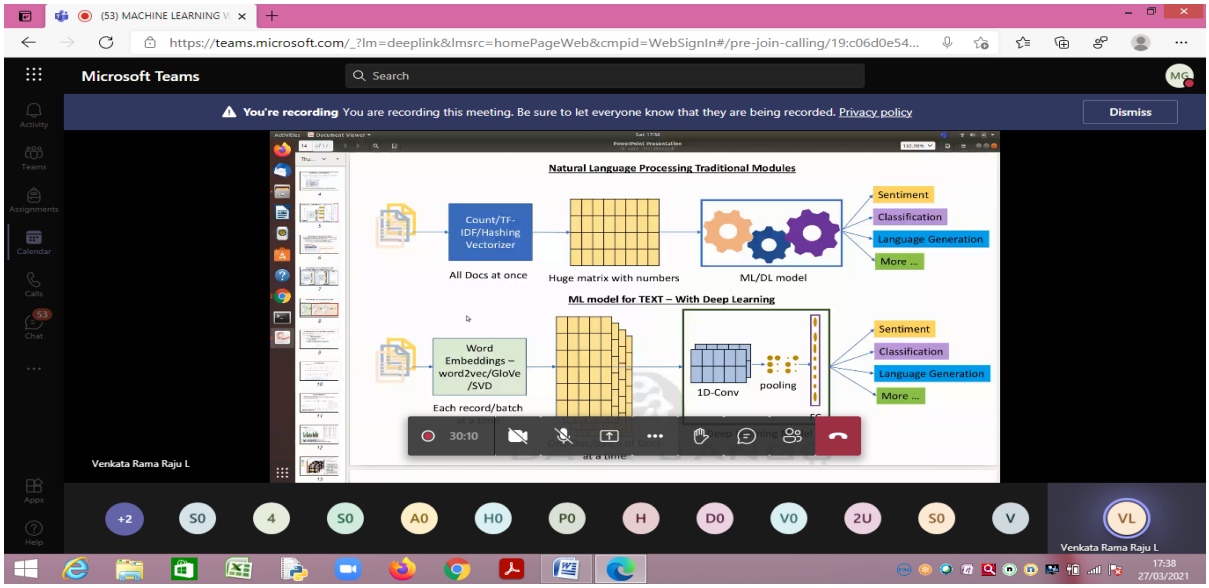




Day 6:

The last day of the session has began with Introduction to Natural Language Processing (NLP) where various tables, graphs were demonstrated. The topics discussed in the session were:

- Natural Language Processing (NLP)
- Types of NLP
- Normal Equation
- Gradient Descent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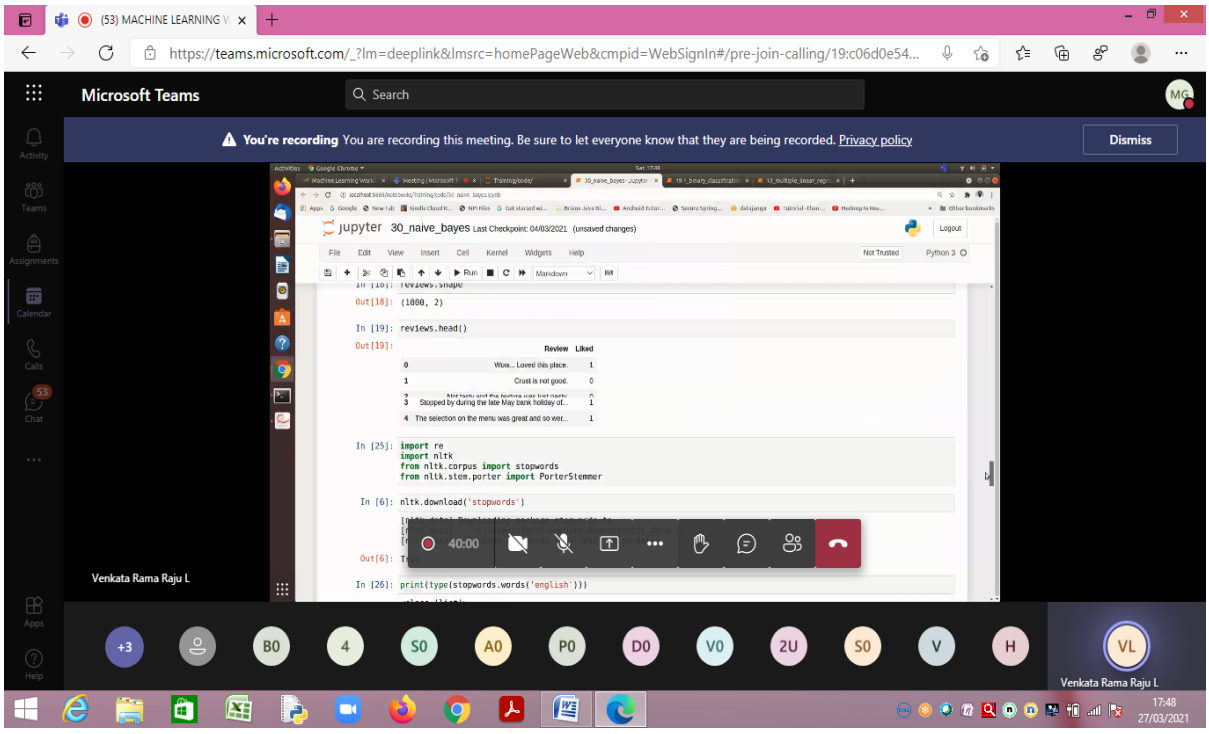
Natural Language Processing Traditional Modules
Count/TF-IDF/Hashing Vectorizer
All Docs at once
Huge matrix with numbers
ML/DL model
Sentiment
Classification
Language Generation
More ...
ML model for TEXT – With Deep Learning
Word Embeddings – word2vec/GloVe /SVD
Each record/batch
1D-Conv
pooling
Sentiment
Classification
Language Generation
More ...
30:10
Venkata Rama Raju L
Venkata Rama Raju L
17:38
27/03/2021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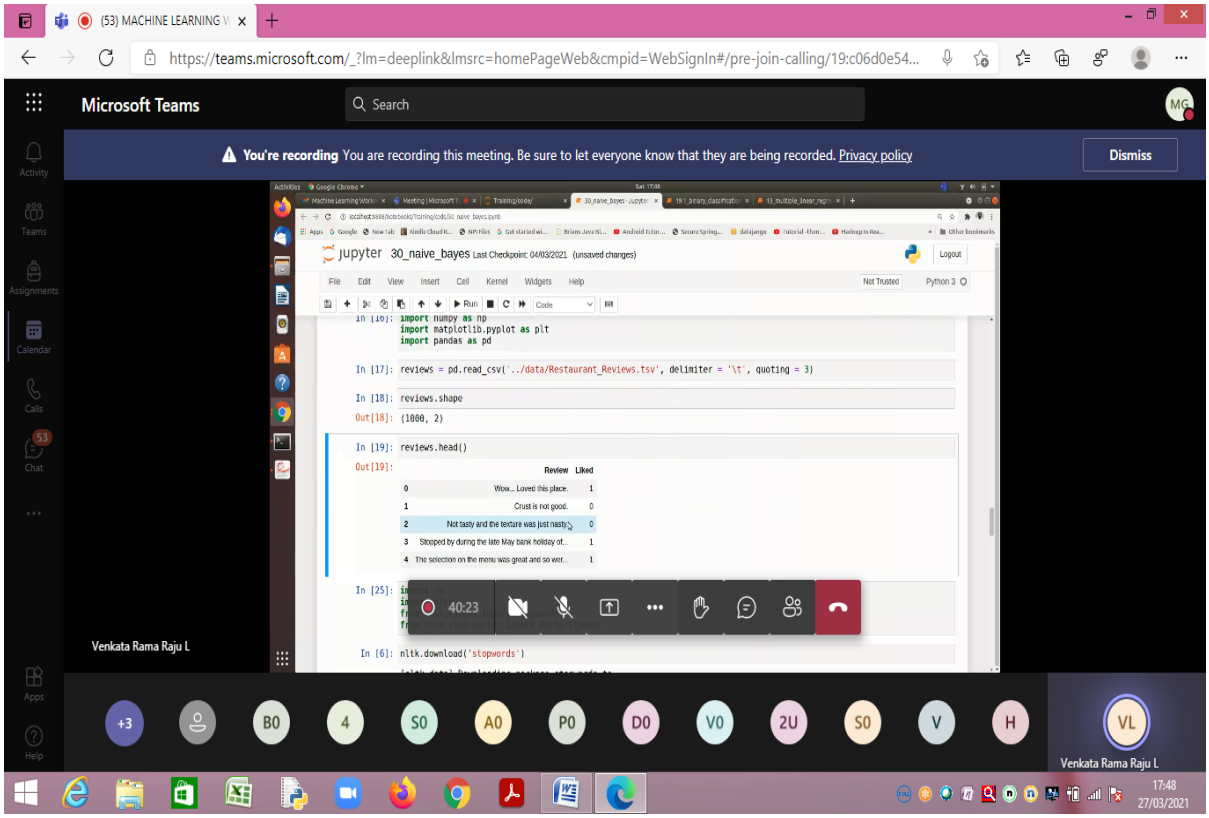
jupyter 30_naive_bayes Last Checkpoint: 04/03/2021 (unsaved changes)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Trusted
Python 3
In [18]: reviews.shape
Out[18]: (1000, 2)
In [19]: reviews.head()
Out[19]:
Review Liked
0 Wow... Loved this place. 1
1 Crust is not good. 0
3 Stopped by during the late May bank holiday of... 1
4 The selection on the menu was great and so wer... 1
In [25]:
import re
import nltk
from nltk.corpus import stopwords
from nltk.stem.porter import PorterStemmer
In [6]: nltk.download('stopwords')
Out[6]:
In [26]: print(type(stopwords.words('english')))
40:00
Venkata Rama Raju L
Venkata Rama Raju L
17:48
27/03/2021


(53) MACHINE LEARNING V
https://teams.microsoft.com/_?lm=deeplink&lmsrc=homePageWeb&cmpid=WebSignIn#/pre-join-calling/19:c06d0e54...
Microsoft Teams
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Dismiss
jupyter 30_naive_bayes Last Checkpoint: 04/03/2021 (unsaved changes)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Trusted
Python 3
In [16]: import numpy as np
import matplotlib.pyplot as plt
import pandas as pd
In [17]: reviews = pd.read_csv('../data/Restaurant_Reviews.tsv', delimiter = '\t', quoting = 3)
In [18]: reviews.shape
Out[18]: (1000, 2)
In [19]: reviews.head()
Out[19]:
Review Liked
0 Wow... Loved this place. 1
1 Crust is not good. 0
2 Not tasty and the texture was just nasty. 0
3 Stopped by during the late May bank holiday of... 1
4 The selection on the menu was great and so wer... 1
In [25]:
In [6]: nltk.download('stopwords')
40:23
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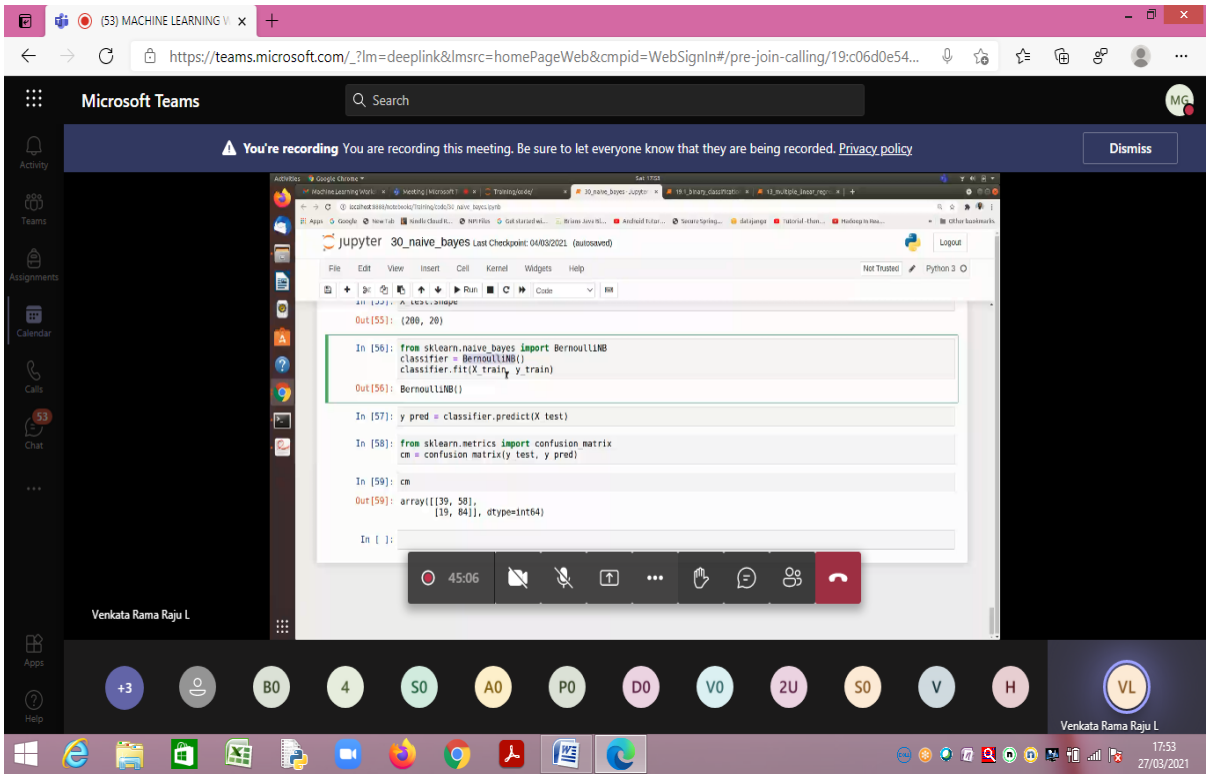
Venkata Rama Raju L
17:48
27/03/2021


(53) MACHINE LEARNING V
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jupyter 30_naive_bayes Last Checkpoint: 04/03/2021 (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Trusted
Python 3
Out[55]: (200, 20)
In [56]: from sklearn.naive_bayes import BernoulliNB
classifier = BernoulliNB()
classifier.fit(X_train, y_train)
Out[56]: BernoulliNB()
In [57]: y_pred = classifier.predict(X_test)
In [58]: from sklearn.metrics import confusion_matrix
cm = confusion_matrix(y_test, y_pred)
In [59]: cm
Out[59]: array([[39, 58],
[19, 84]], dtype=int64)
In [ ]:
45:06
Venkata Rama Raju L
Apps
Help
Venkata Rama Raju L
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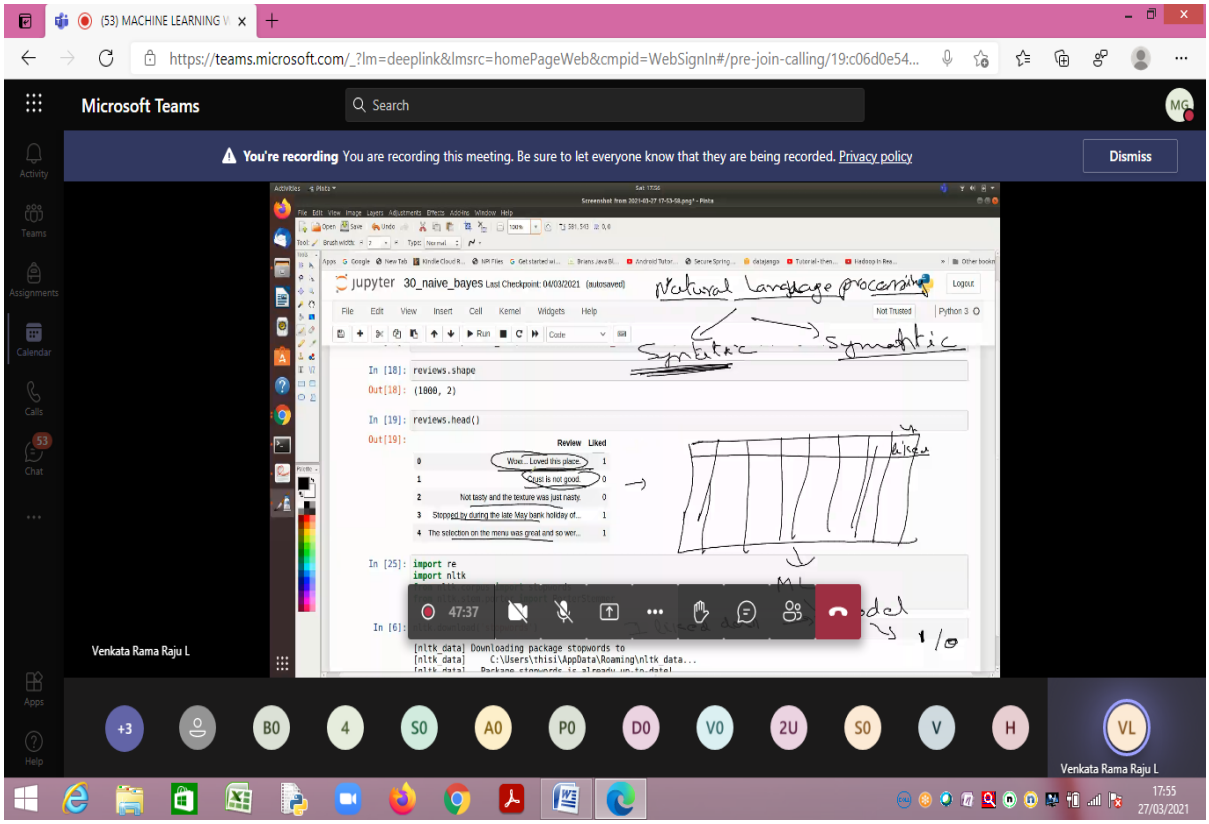
27/03/2021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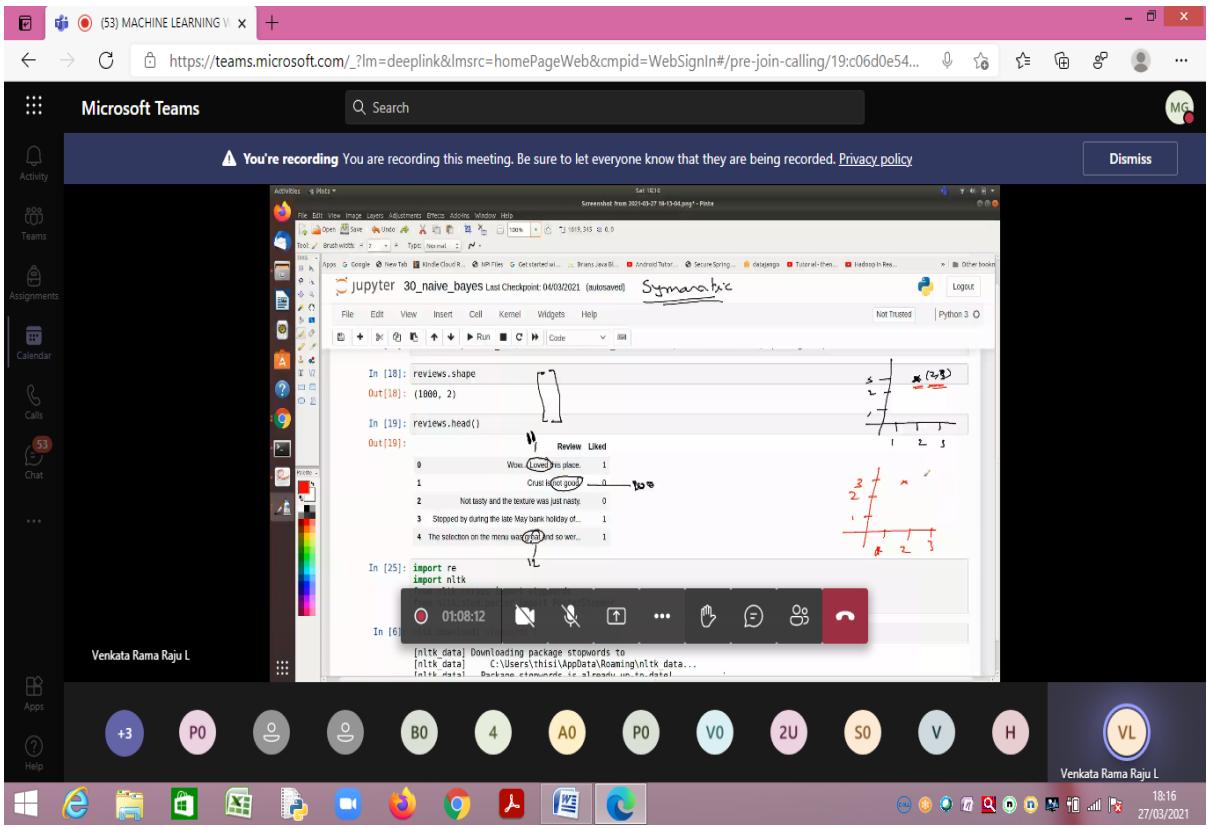
jupyter 30_naive_bayes Last Checkpoint: 04/03/2021 (autosaved)
Natural Language Processing
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Trusted
Python 3
In [18]: reviews.shape
Out[18]: (1000, 2)
In [19]: reviews.head()
Out[19]:
Review Liked
0 Wow... Loved this place. 1
1 Crust is not good. 0
2 Not tasty and the texture was just nasty. 0
3 Stopped by during the late May bank holiday of... 1
4 The selection on the menu was great and so wer... 1
In [25]: import re
import nltk
47:37
In [6]:
[nltk_data] Downloading package stopwords to
[nltk_data] C:\Users\thisi\AppData\Roaming\nltk_data...
Venkata Rama Raju L
Apps
Help
Venkata Rama Raju L
17:55
27/03/2021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jupyter 30_naive_bayes Last Checkpoint: 04/03/2021 (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Trusted
Python 3
In [18]: reviews.shape
Out[18]: (1000, 2)
In [19]: reviews.head()
Out[19]:
Review Liked
0 Wow... Loved this place. 1
1 Crust is not good. 0
2 Not tasty and the texture was just nasty. 0
3 Stopped by during the late May bank holiday of... 1
4 The selection on the menu was great and so wer... 1
In [25]: import re
import nltk
01:08:12
In [6]:
[nltk_data] Downloading package stopwords to
[nltk_data] C:\Users\thisi\AppData\Roaming\nltk_data...
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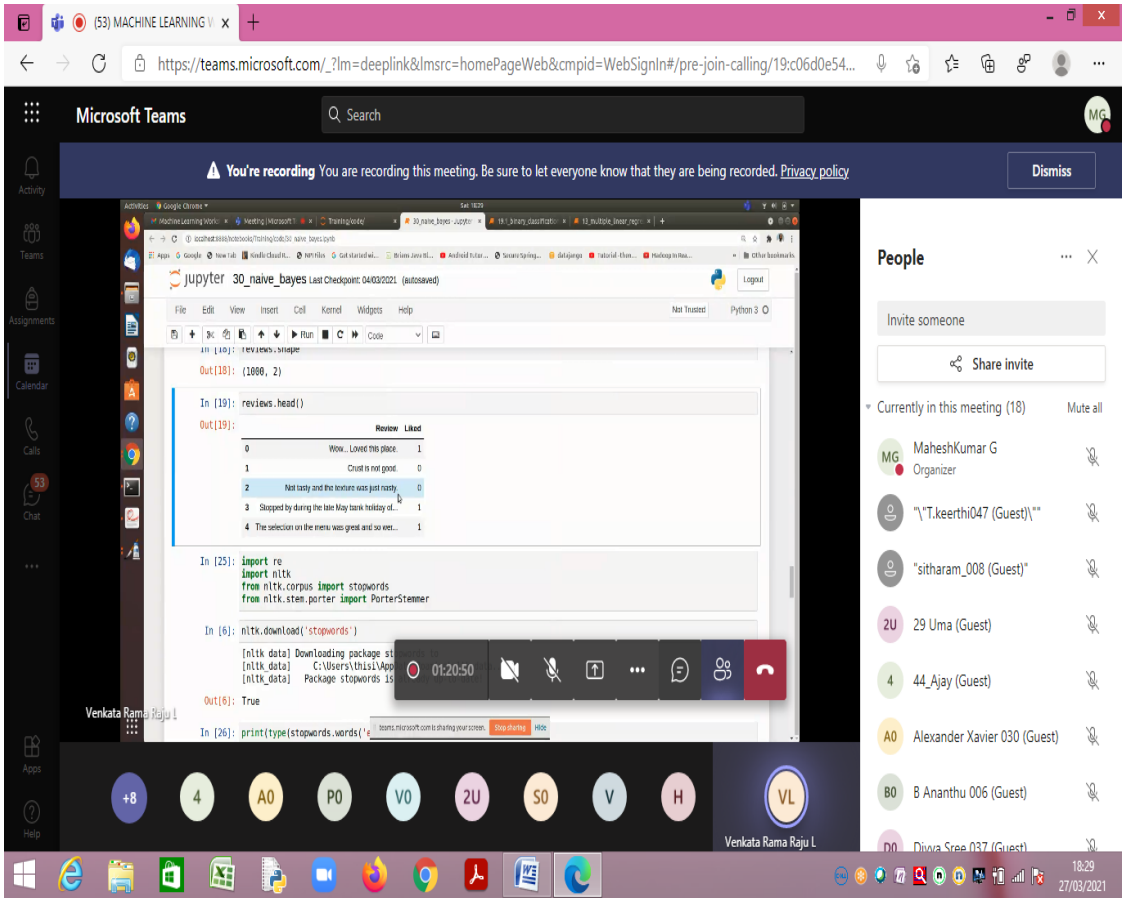
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jupyter 30_naive_bayes Last Checkpoint: 04/03/2021 (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Not Trusted
Python 3
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In [19]: reviews.head()
Out[19]:
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2 Not tasty and the texture was just nasty. 0
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4 The selection on the menu was great and so wer... 1
In [25]: import re
import nltk
from nltk.corpus import stopwords
from nltk.stem.porter import PorterStemmer
In [6]: nltk.download('stopwords')
[nltk_data] Downloading package st
[nltk_data] C:\Users\thisi\App
[nltk_data] Package stopwords is
Out[6]: True
In [26]: print(type(stopwords.words('e
01:20:50
teams.microsoft.com is sharing your screen. Stop sharing Hide
Venkata Rama Raju L
People
Invite someone
Share invite
Currently in this meeting (18)
Mute all
MaheshKumar G
Organizer
"\"T.keerthi047 (Guest)\""
"sitharam_008 (Guest)"
29 Uma (Guest)
44_Ajay (Guest)
Alexander Xavier 030 (Guest)
B Ananthu 006 (Guest)
Divya Sree 037 (Guest)
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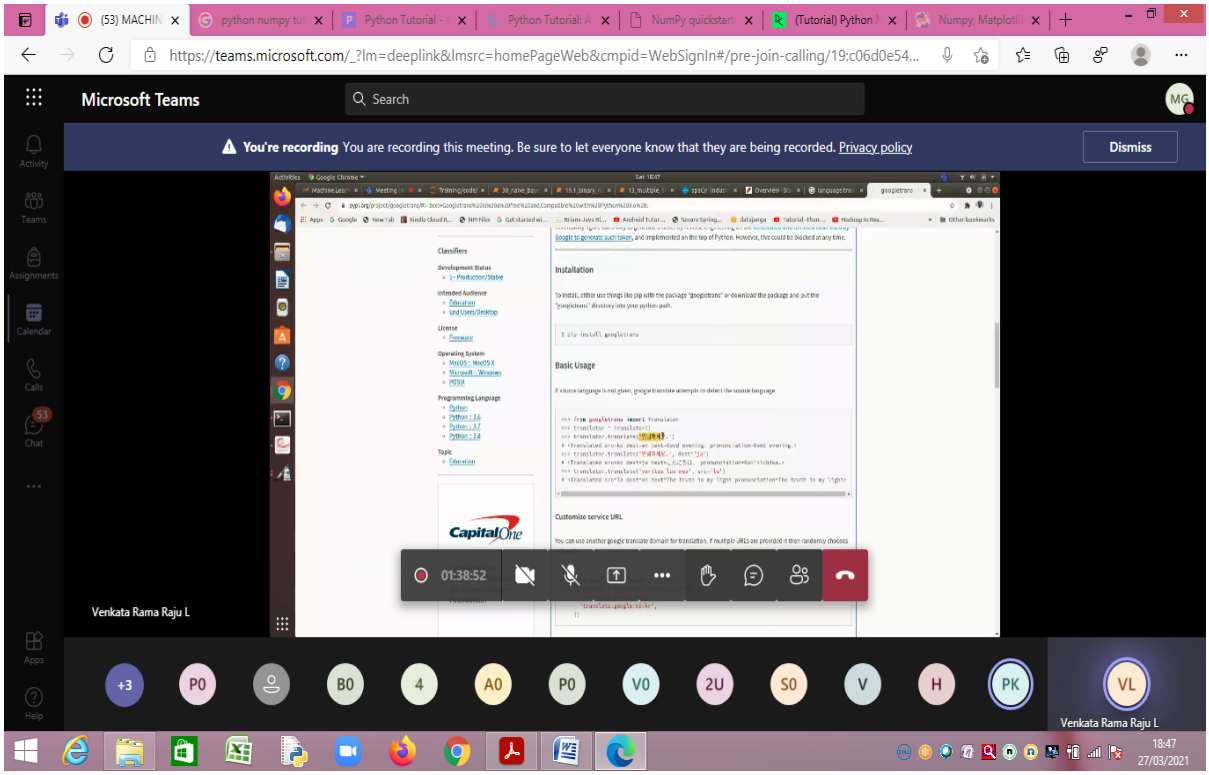
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Python Tutorial: A
NumPy quickstart
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Numpy, Matplotli
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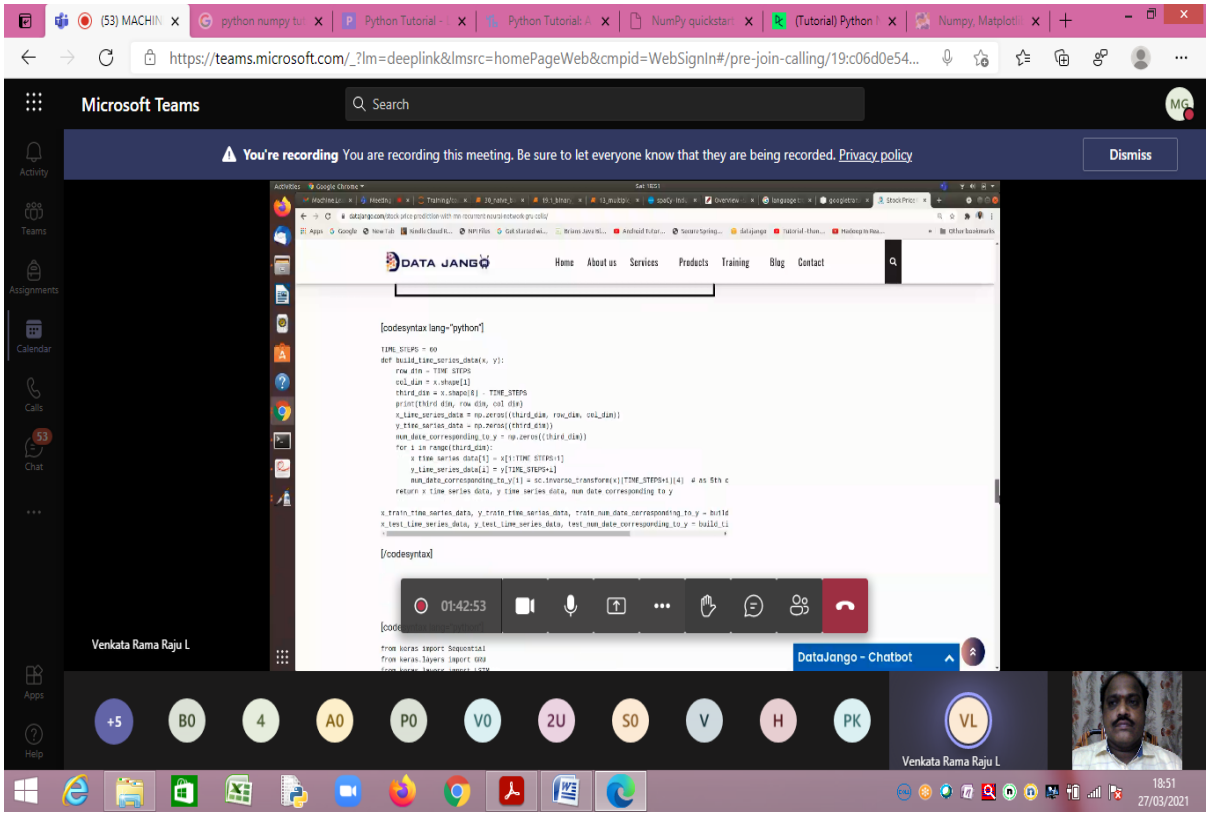
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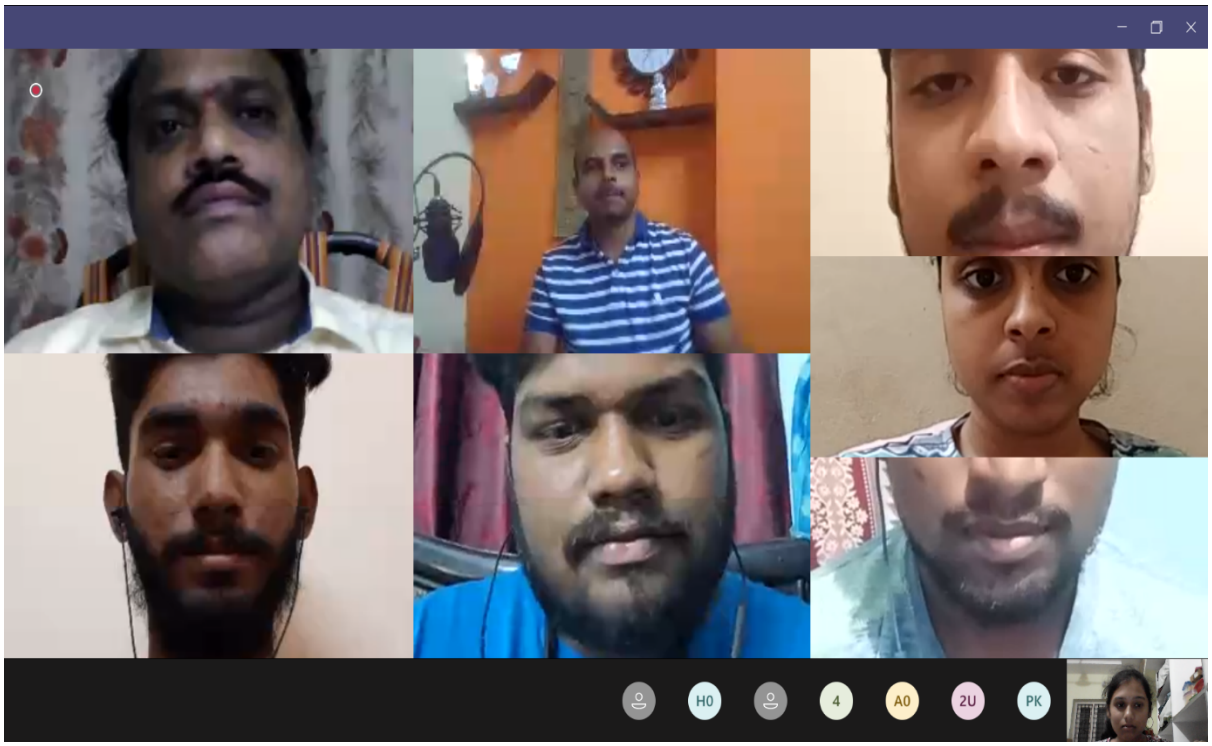
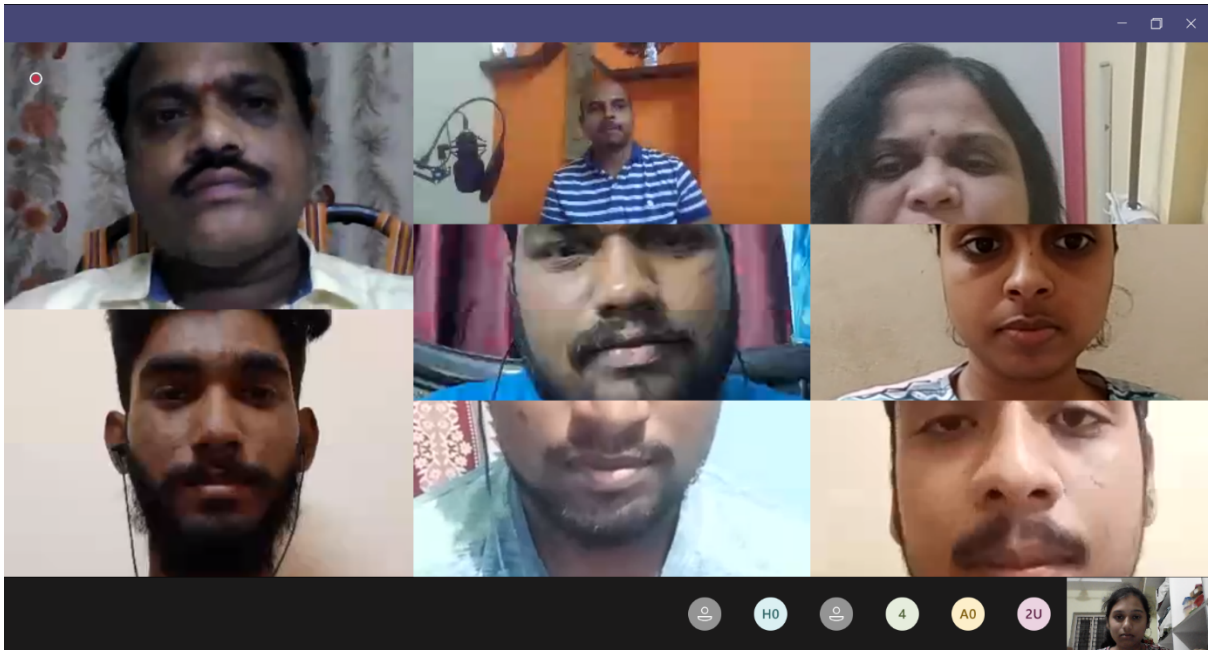
Contact
[codesyntax lang="python"]
[/codesyntax]
01:42:53
Venkata Rama Raju L
DataJango - Chatbot
Venkata Rama Raju L
18:51
27/03/2021





This workshop was a very successful and the students of BCA III Year have gained immense knowledge on Machine Learning using Python.

ANDROID WORKSHOP with NSIC

Bhavan's Vivekananda College had conducted the workshop under DBT-Star Scheme, in partnership with NSIC, hosted an Android Development Workshop for 11 days (March 8th to March 31st, 2021). Ten students attended the workshop from B.Sc final year and second year. Mr.Vishal Kumar Putchala was the mentor .Designation: Technical faculty in NSIC.

Timings: 4 pm to 5 pm on a working day.

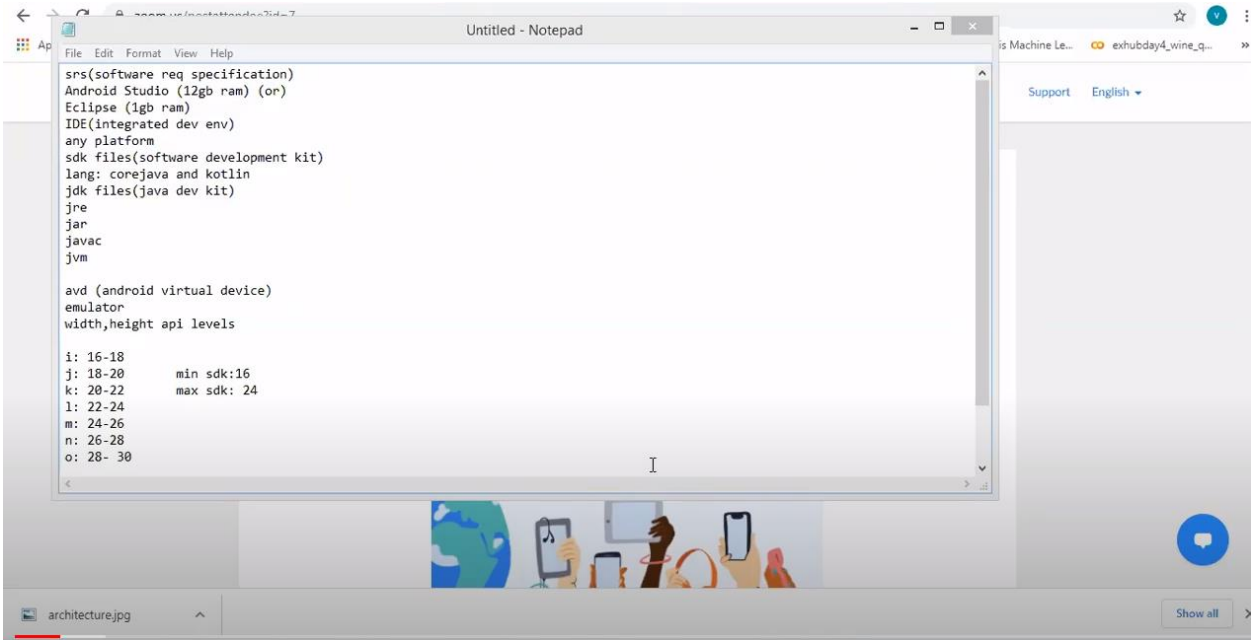
Lecturers attended: Mrs. K.Padmapriya and Mrs.M.Amitha

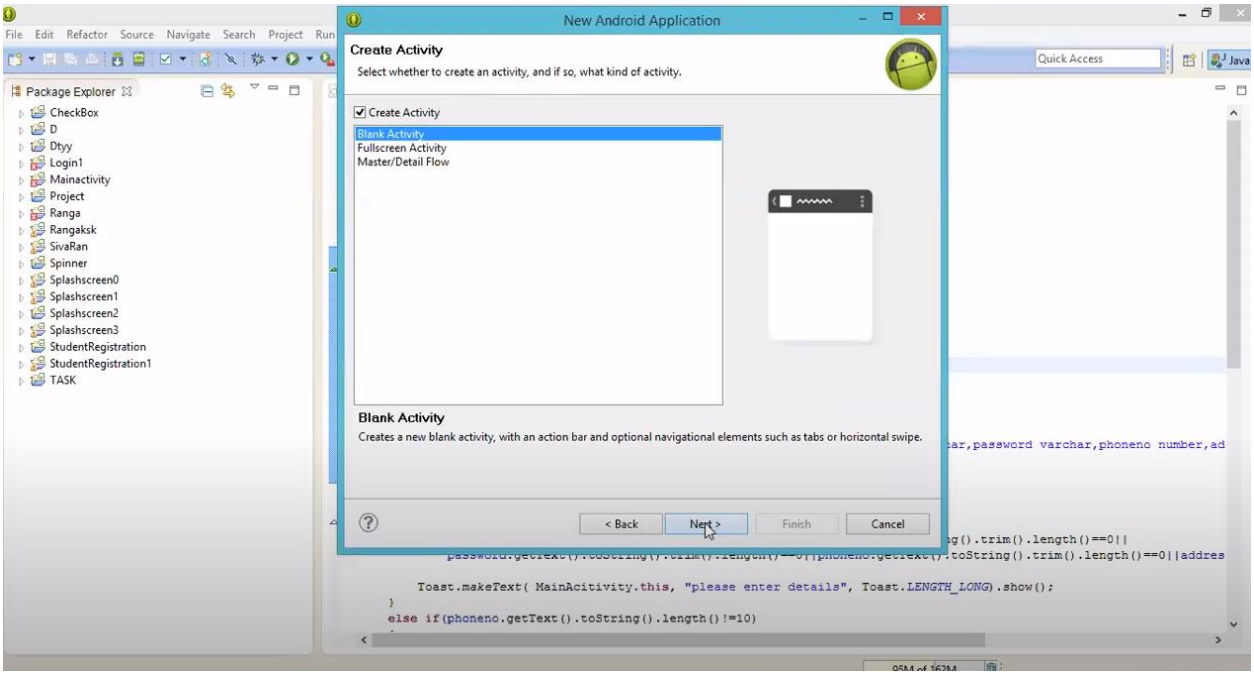
BSC Students attended: 10 --- 4 Students(BSC-Second years)+ 6 Students(BSC- Third Years).

KADIRI PRATHUSHA
BHAVAGNA LANKA
POKALA SANTHOSH KUMAR
KRISHNA SINGH
PENTA UJWALA
KOTCHARLAKOTA JAYALAKSHMI NAGA MALLESWARI
DAGGUPATI SAI TEJASRI
KOTHA LAKSHMAN KUMAR
VEMULAPATI G SURYA KIRAN SUBBARAYA SARMA
THATIKONDA SREEJA

Day1 (8/3/21)

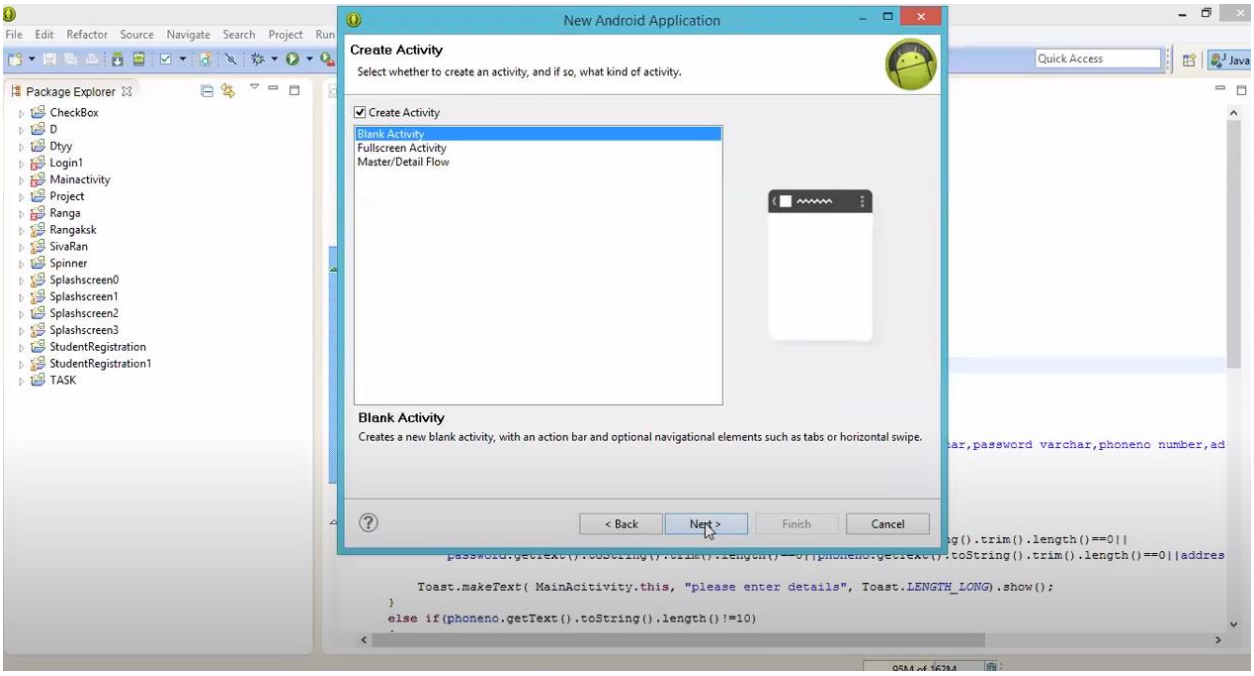
Mr. Vishal has introduced the SRS-software requirement specifications for the development of Android apps. The design of Android, various API levels of Android versions, and various databases used in Android were discussed. He demonstrated us how to make an Android sample project, how to install the Android virtual device, how to build new activities, how to design (.xml), code (.java), and use palette objects (plain text, text field), and how to operate the application (project) in the emulator.

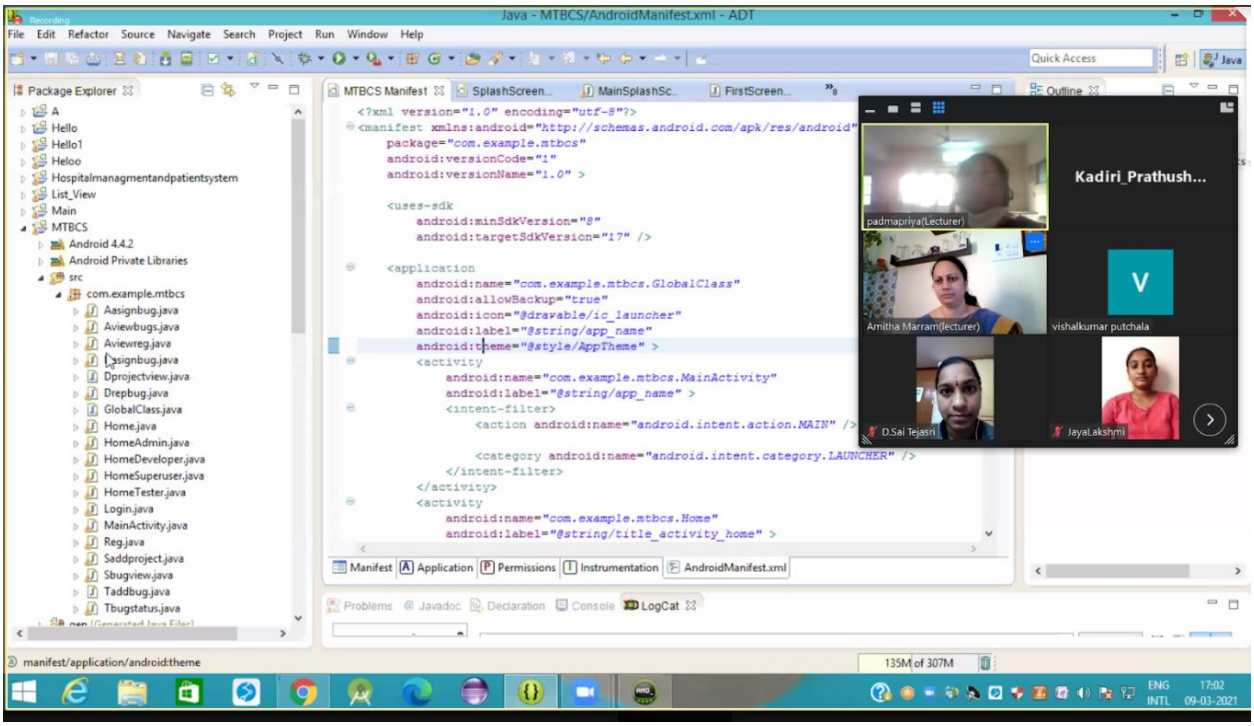




Day2 (9/3/21)

The workshop began with a review of the previous day's topics. Following that, he showed us how to build backgrounds for the activities. Using buttons in the project and changing their colors. Defining the palette objects' variables, assigning actions to the buttons, and connecting the activities to the next activities (Intent). Mr Vishal spoke about splash screen coding, manifest files, and purpose intent filter. He went on to explain a couple of his smaller projects later.

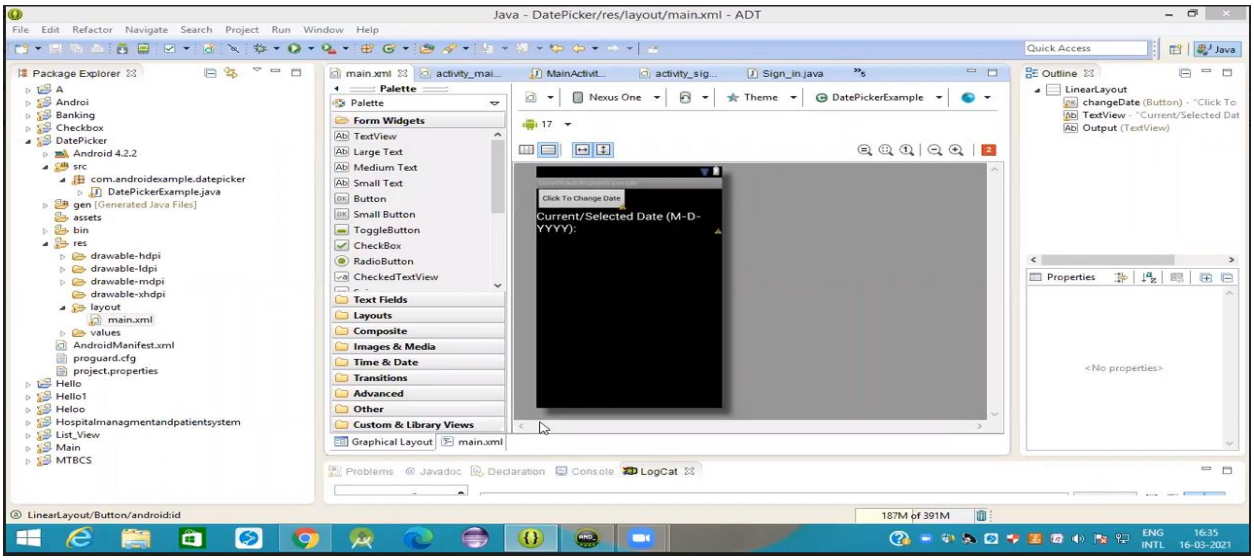




Day3 (16/3/21)

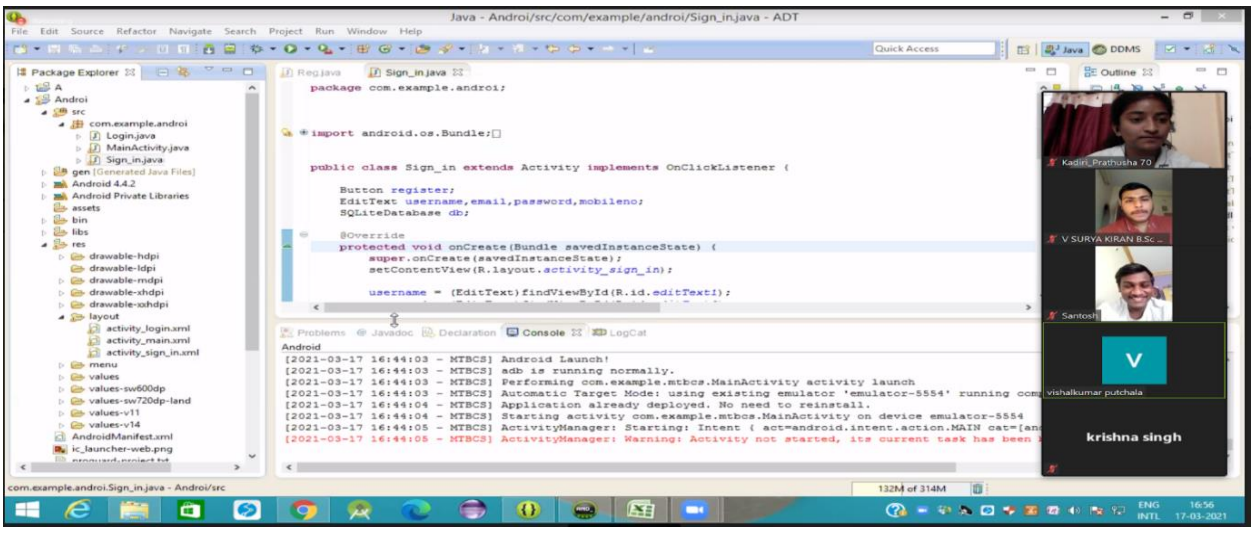
The session began with a review of previous topics and shortcuts. The implementation of login and sign-in pages, as well as the use of text hint in edit text and html color codes, came next. Using a string buffer, he implemented the date picker and checkbox principles. Mr Vishal

clarified the idea of a toast message and the various features (modules- admin feature, user feature, restaurant feature) of the Swiggy, Zomato apps.



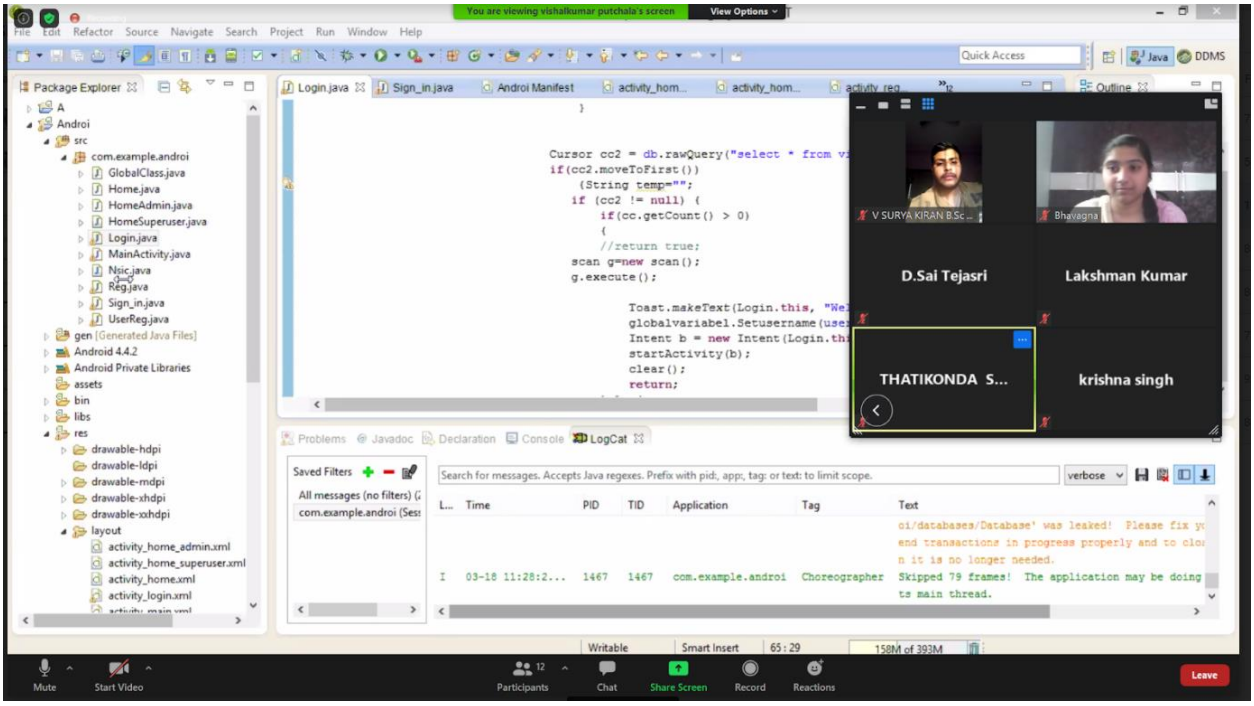
Day4 (17/3/21)

The session began with a description of the database that would be used for the project. How to create a user account on the sign-in page by entering a username, password, email address, and phone number. Creating a database and a table, as well as saving data to the database, using the SQLiteDatabase variable. Mr Vishal then went through the spinner list, the array adapter principle, and how to use it in the sign in page for various modules. Then comes how different tables for different modules can be created on the same page. He then demonstrated the idea of viewing data stored in a database and demonstrated the login page.



Day5 (18/3/21)

The session began with a review of all previously learned concepts. He demonstrated how the sign-in page functions and how a global class was created to validate data stored in the database using the sign-in page.

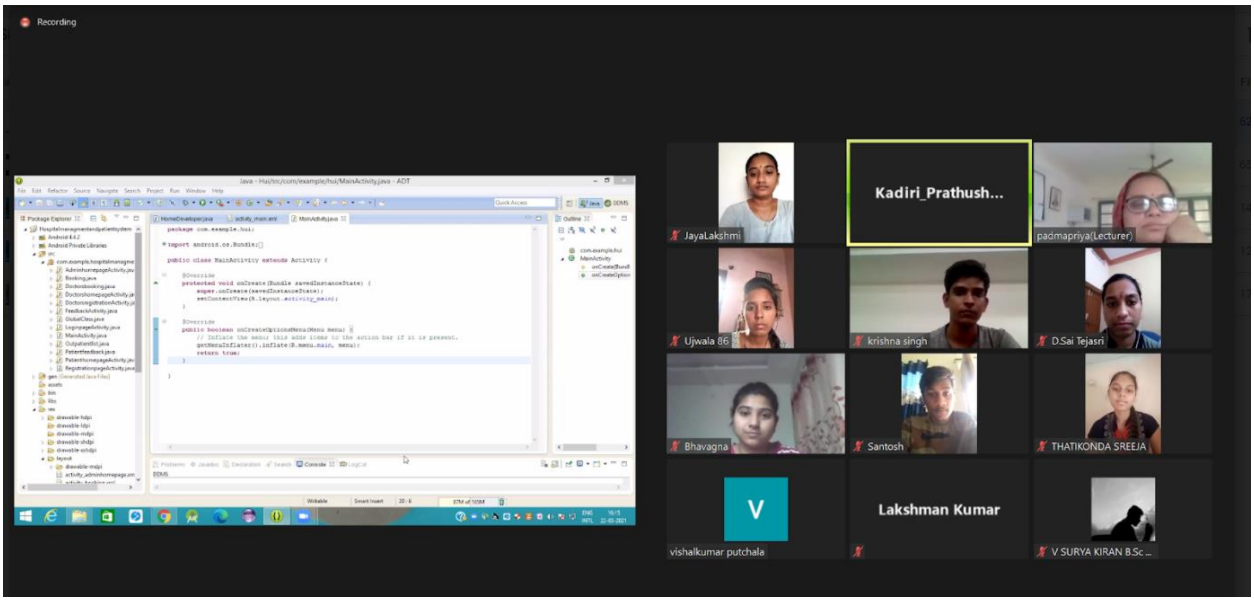


Day6 (19/3/21)

The session started by demonstration on how to use database connectivity to build a profile app (view the logged in user). Through making our own tables, he was able to show the users who signed into the database tables.

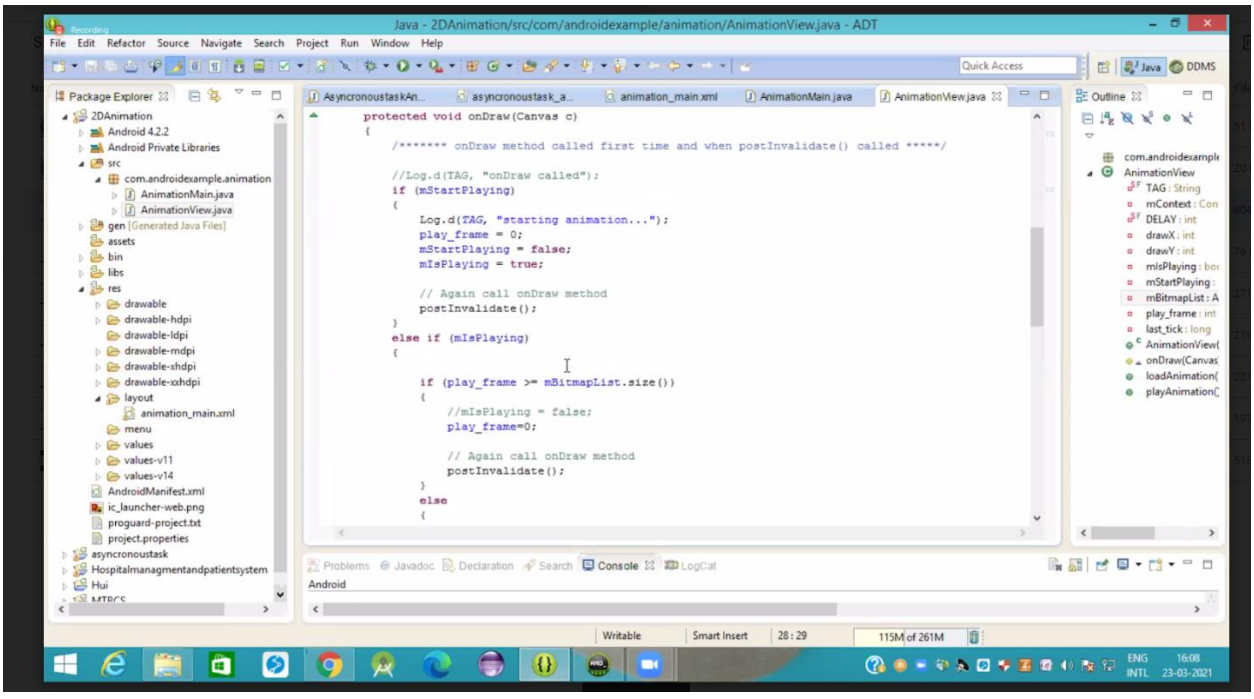
Day7 (22/3/21)

Mr Vishal demonstrated how to install the Java ADT in this session (Android development Tools).



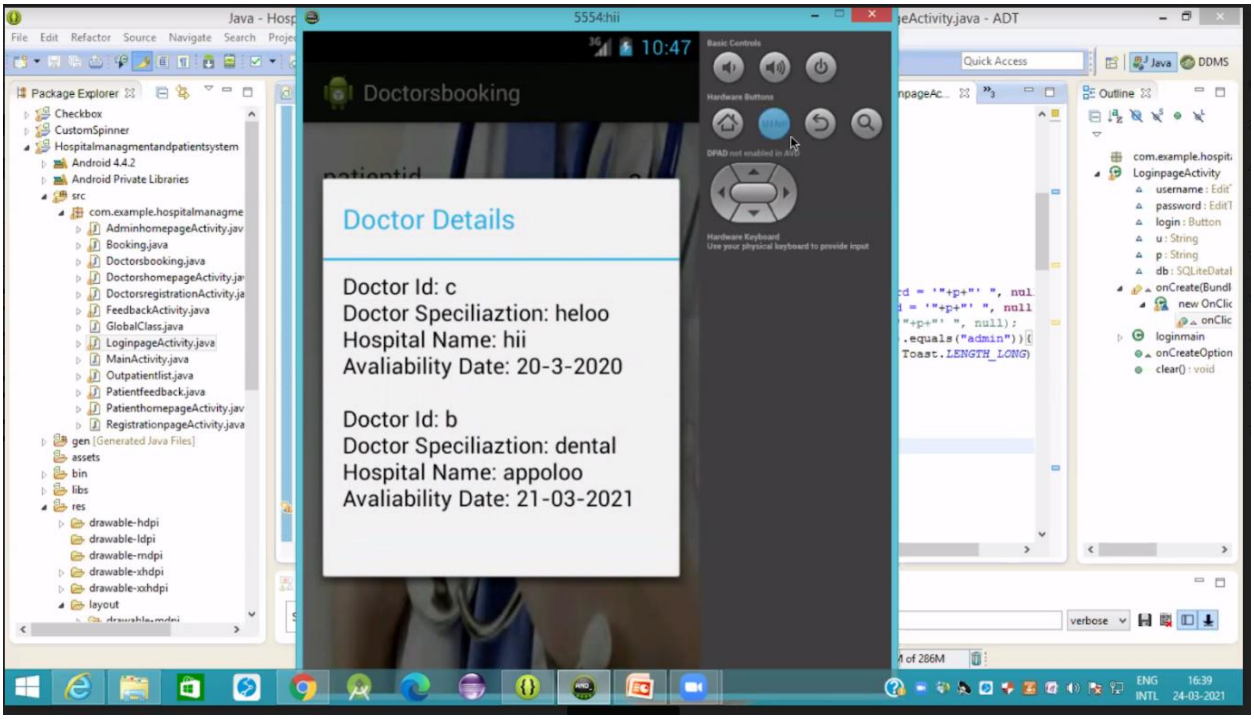
Day8 (23/3/21)

The session began with an overview of how to use URL links in the app and create 2D animations for the splash screen. Mr Vishal also taught us how to work with check boxes and data types. He explained SRS (Software Resource Specification), Android API Levels, Javac, JDK, and databases.



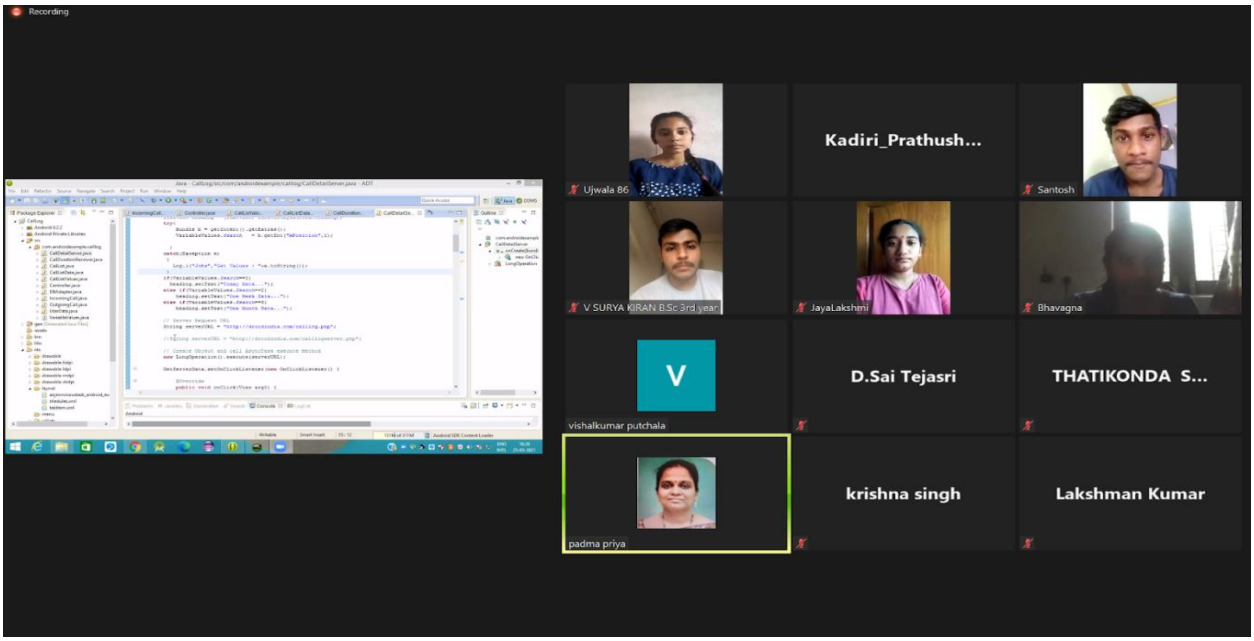
Day9 (24/3/21)

Mr Vishal discussed operators (types of operators) during this session. He demonstrated the custom spinner's service. Mr Vishal Spoke about the applications used in hospital management systems as well as the home super user app (how to place bugs, add projects, student profile).



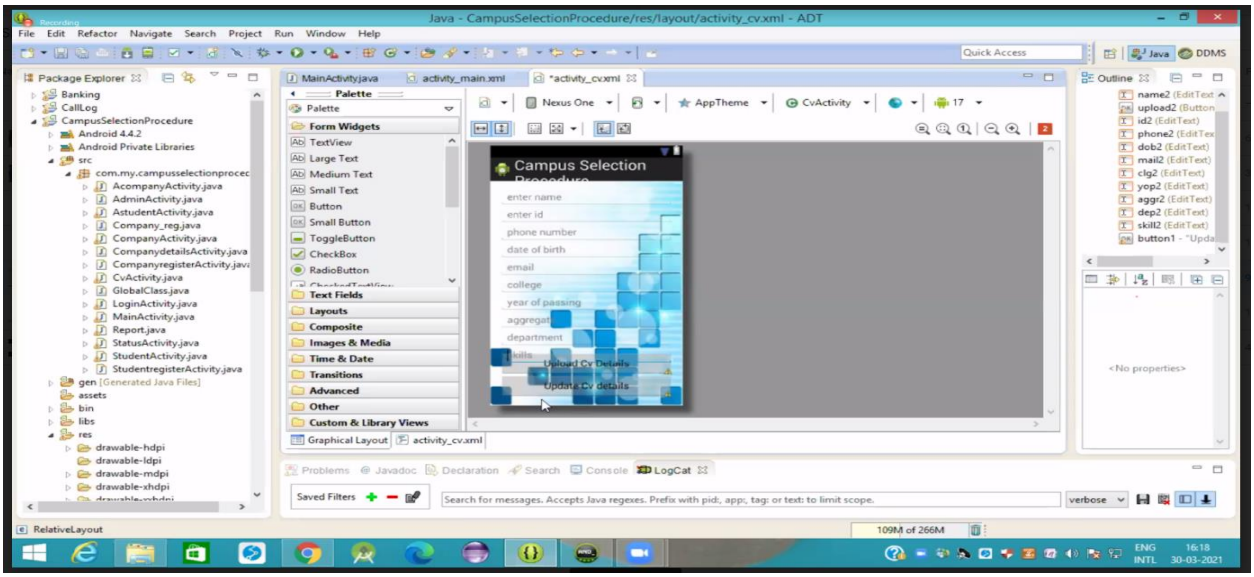
Day10 (25/3/21)

Mr Vishal taught us how to use shared preferences for logging in. He also went over the call logs app and the manifest file in the call log app (how to use permissions).



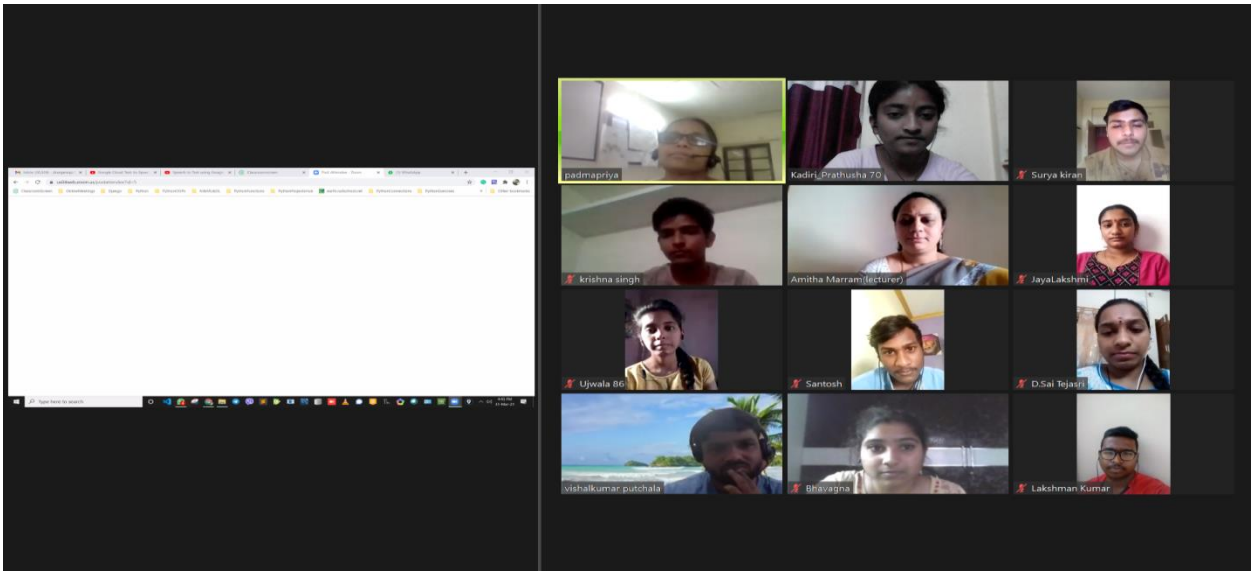
Day11 (30/3/21)

Mr Vishal taught us how to use Android Studio to introduce Google Maps, which allows us to see our current position on the globe. How to use API key for Google Maps. He also went over the app for the campus selection process and the app for the multi banking transaction scheme. He also went over grid view architecture and how to make an adapter in grid view java.



Conclusion:

Overall, the workshop was creative, Knowledgeable, and beneficial to our professional growth. On various platforms, we were able to learn android programming. We are grateful to the college administration for providing us with this opportunity.



Report on Data Science Workshop to BCA students

from 4-3-2021 to 23-3-2021 (11 days)

The college collaborated with **NSIC** to conduct a workshop on Data Science to 10 of our BCA students. The lecturers participated from the department are **Mrs. KVB Saraswathi**, HOD, Dept. of CS, BVC and **Mr. N. Bhaskar**, Course coordinator, M.Sc(CS) Program, Dept. of CS, BVC. The details of course as follows:

Institution Name : NSIC, Kamala Nagar , Secunderabad.

Duration of Course : 11 Days

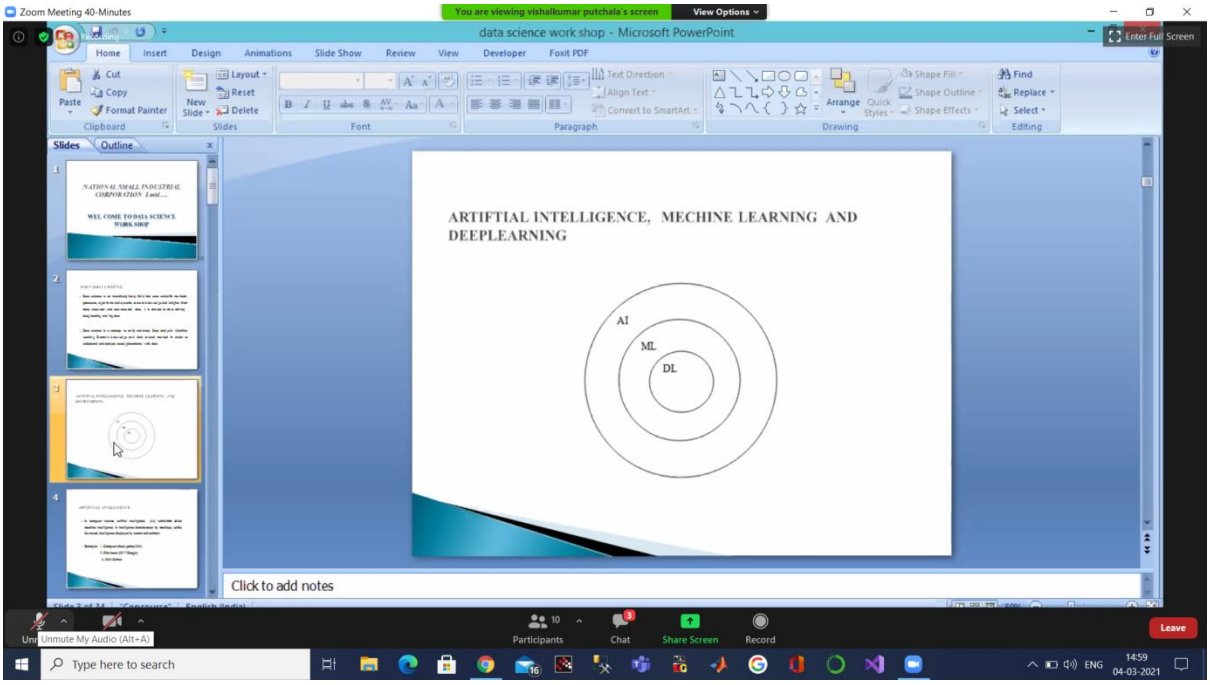
Dates of course : 4-3-2021 to 23-3-2021

Mode of Training: online

Instructor : Mr. Vishal, B.Tech, 5 years experience

The workshop is conducted in online mode with the following concepts covered each day:

4-3-2021 : Introduction to Data Science and its components like AI, Machine Learning, Deep Learning concepts.



Zoom Meeting 40-Minutes

You are viewing vishalkumar putchala's screen

View Options

data science work shop - Microsoft PowerPoint

Enter Full Screen

WHAT IS MACHINE LEARNING

- Machine learning is an application of artificial intelligence (AI) that provides system the ability to automatically learn and improve from experience without being explicitly programmed , machine learning focuses on the development of computer programs that can access data and use it learn for themselves
- The process of learning begins with observation or data , such as example. Direct experience ,or instruction in order to look for patterns in data and make better decisions in the future based on the example that we provide ,the primary aim is to allow the computer learn automatically without human interaction or assistance and adjust actions accordingly.

Click to add notes

Unmute | Start Video | 13 Participants | Chat | Share Screen | Record | Leave

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ENG 15:05 04-03-2021

Zoom Meeting 40-Minutes

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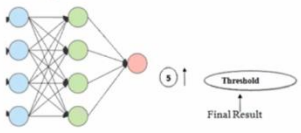
Ex: Deep learning

Perception (in system language mimic called perceptions)

Ex: Going to movie.



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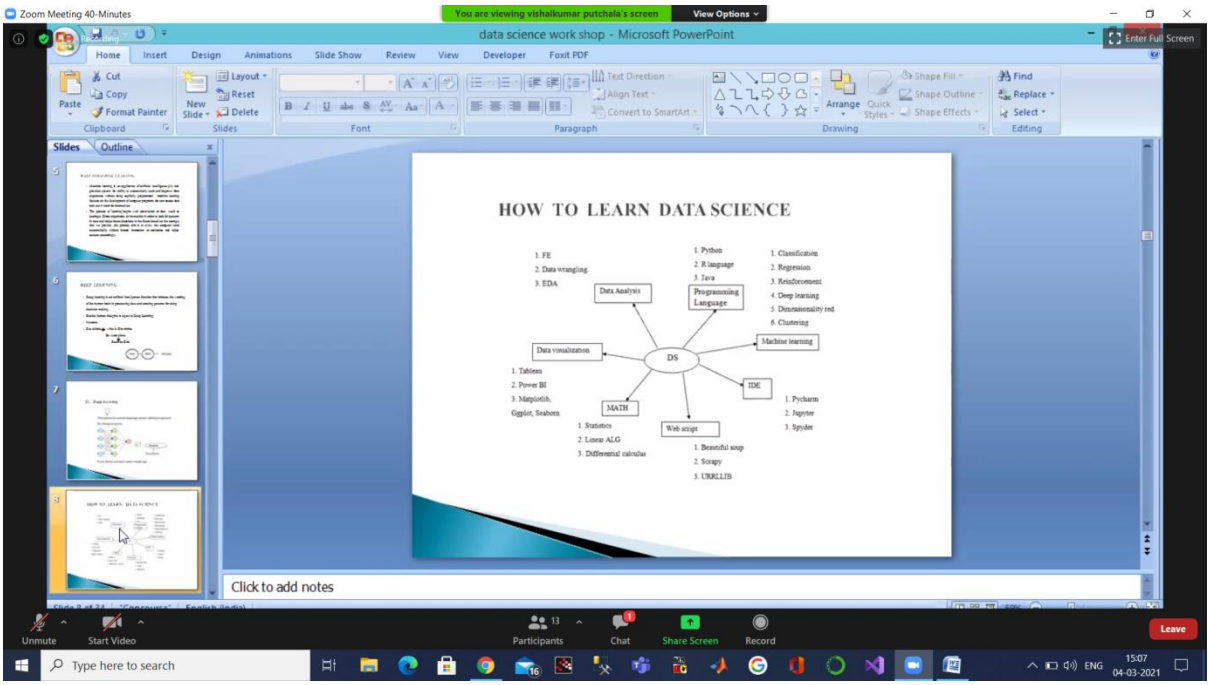


5-3-2021 - Basic concepts of Python and its Software Installation, Real time examples of Python.

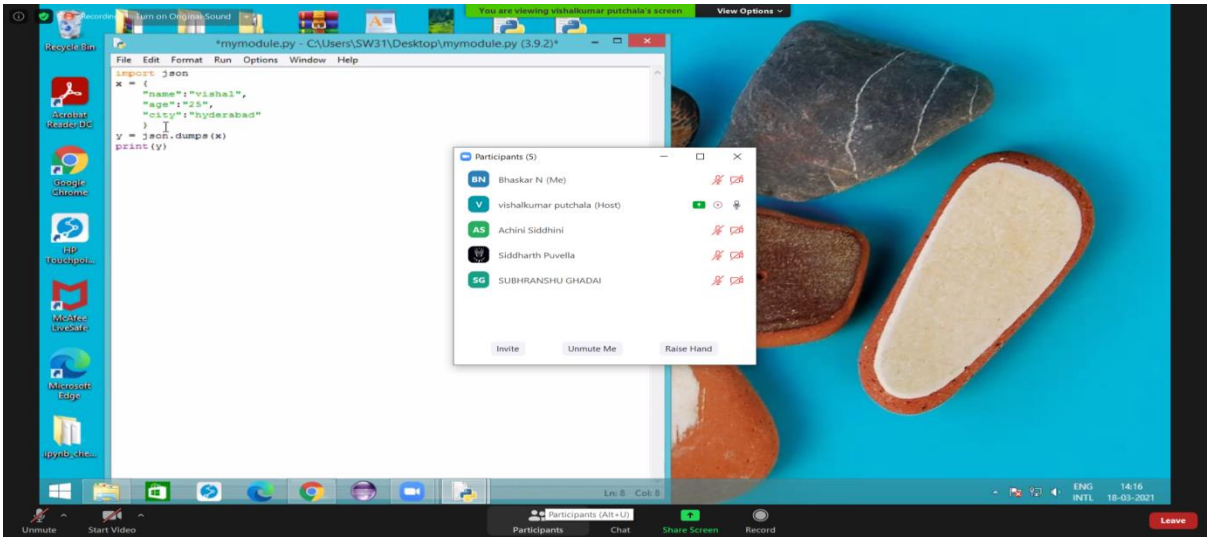
8-3-2021 - Strings, Integer and Float – Sample example programs explanation

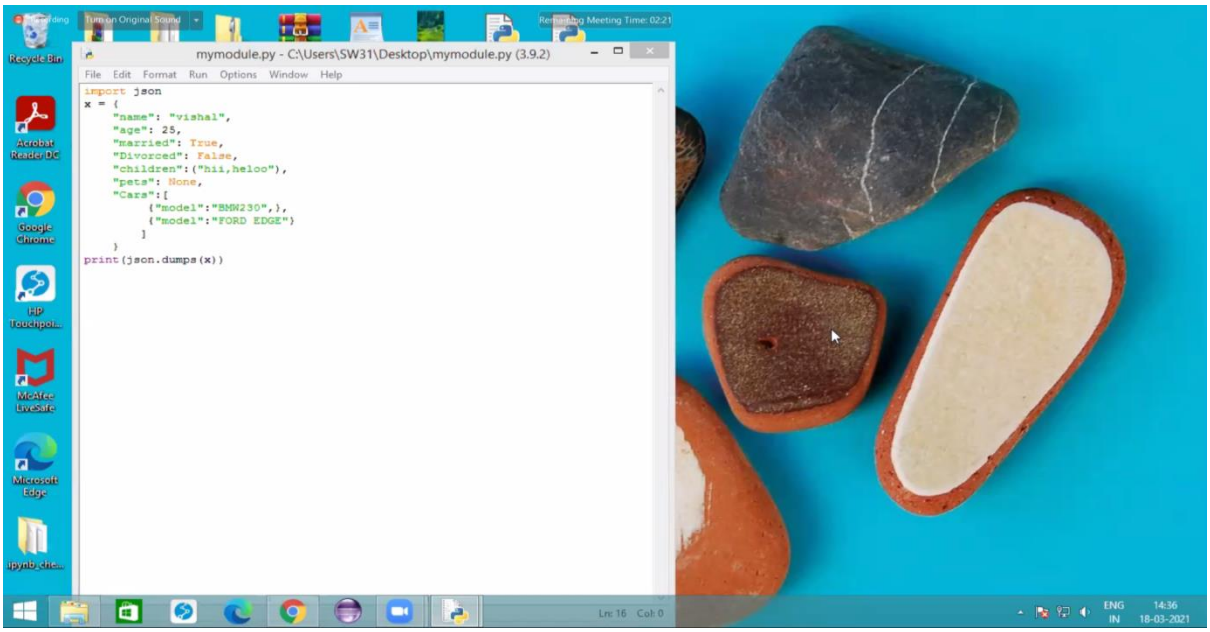
9-3-2021 - Lists, Tuples and Sets – Sample programs explanation

16-3-2021 - Concepts of Dictionaries, Conditionals & Boolean statements with Sample programs explanation.

17-3-2021 - Concept of DJANGO - Explanation with sample programs

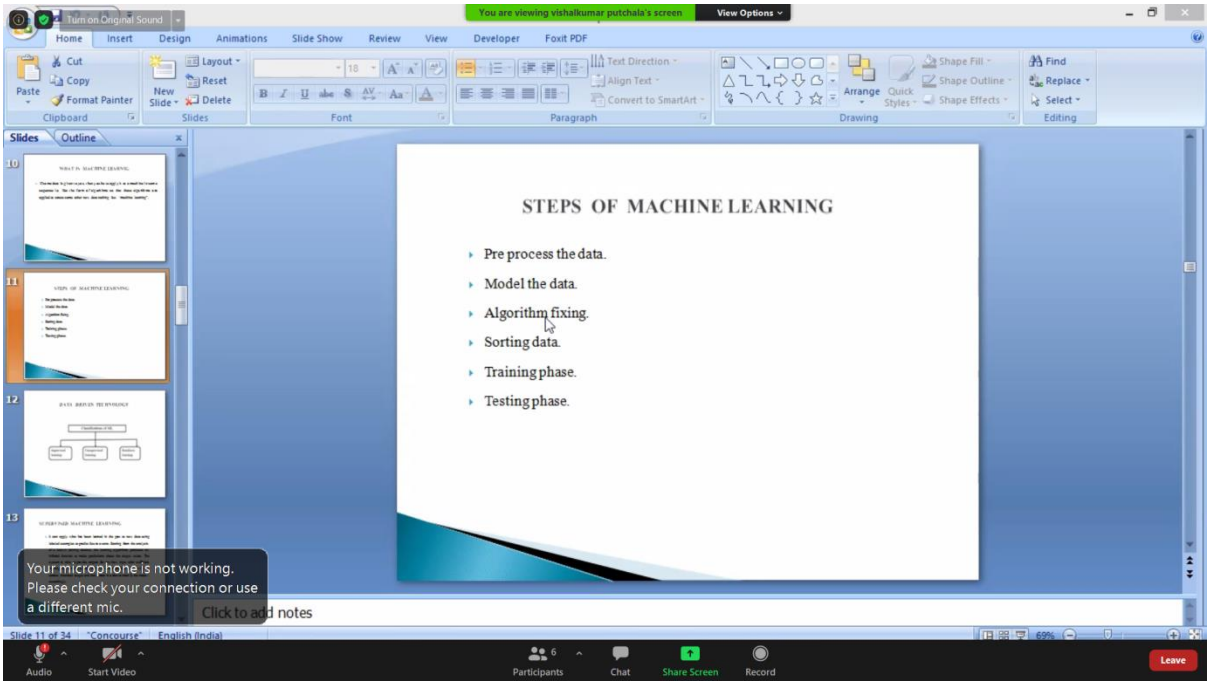
18-3-2021 - Supervised Learning, Un-supervised Learning, Reinforcement Learning

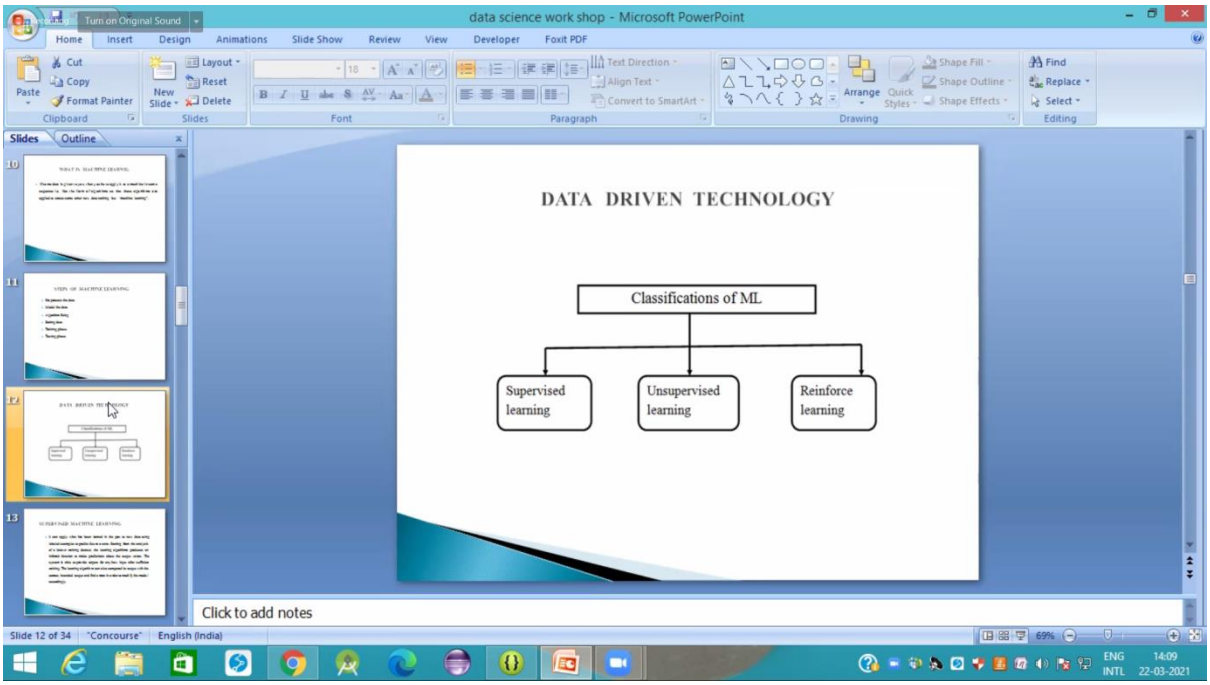


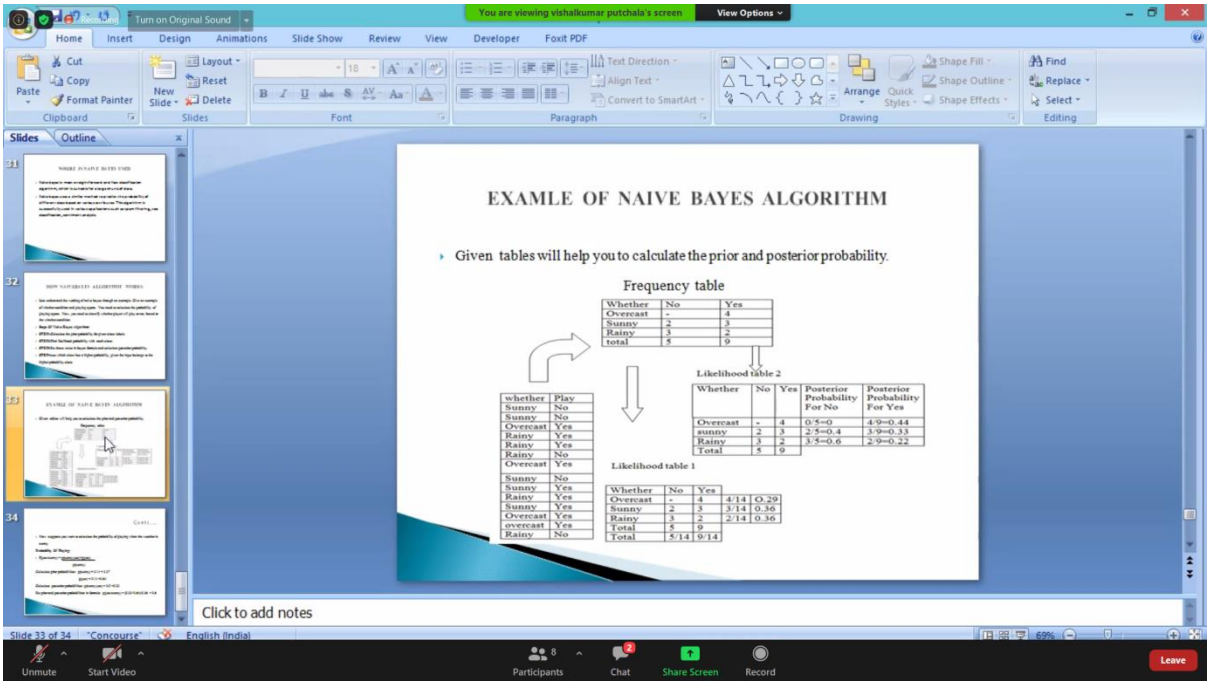


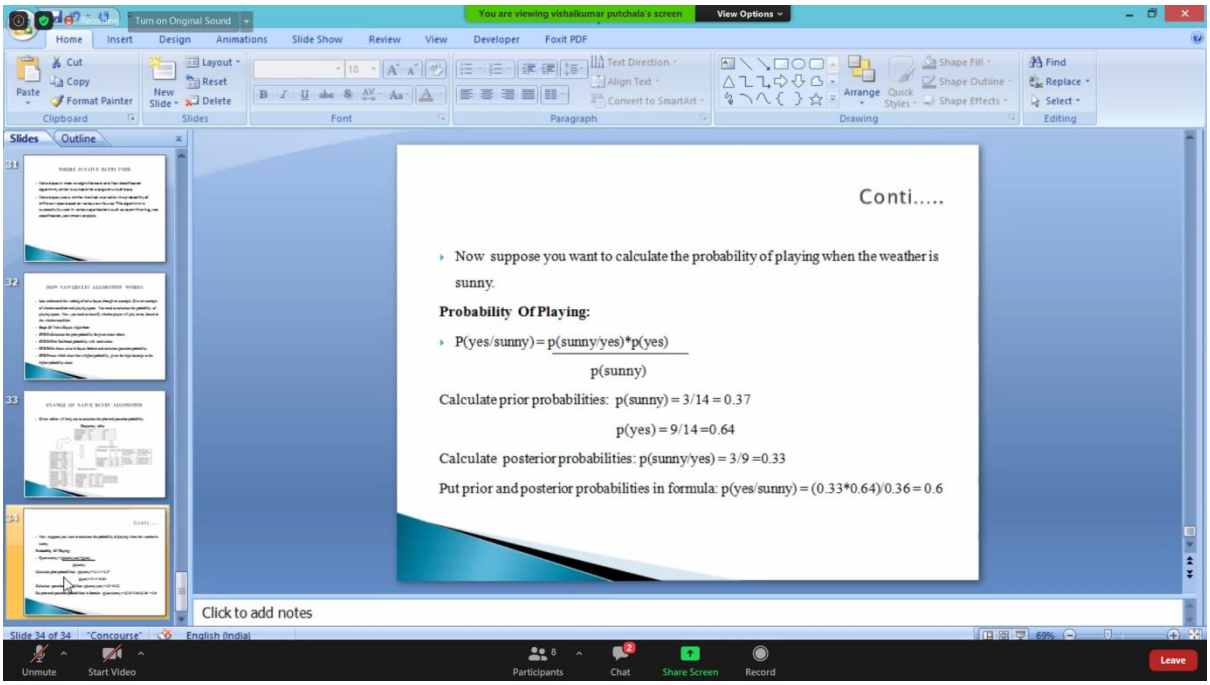
19-3-2021 - Concept of ANACONDA, & Its Installation with Example Programs working on it.

22-3-2021 – Installation Jupyter, Notebook, Spyder with working Examples Explanation

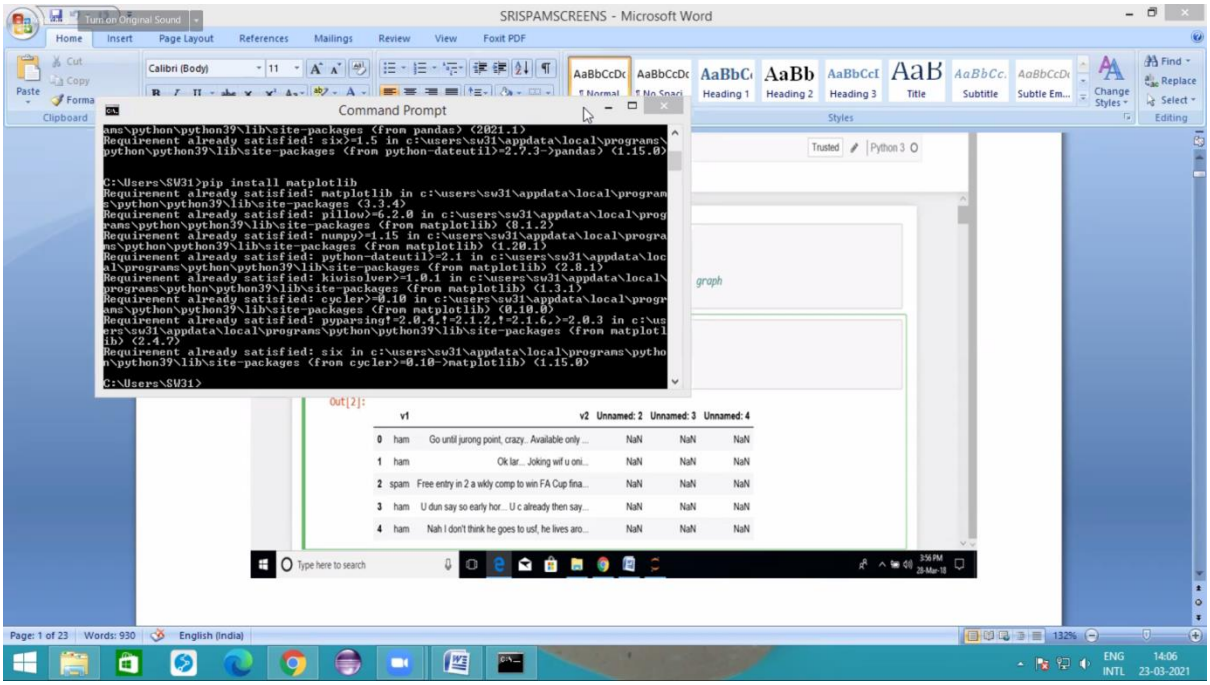



data science work shop - Microsoft PowerPoint
DATA DRIVEN TECHNOLOGY
Classifications of ML
Supervised learning
Unsupervised learning
Reinforce learning
Click to add notes


EXAMLE OF NAIVE BAYES ALGORITHM
Given tables will help you to calculate the prior and posterior probability.
Frequency table
Likelihood table 2
Likelihood table 1
Click to add notes



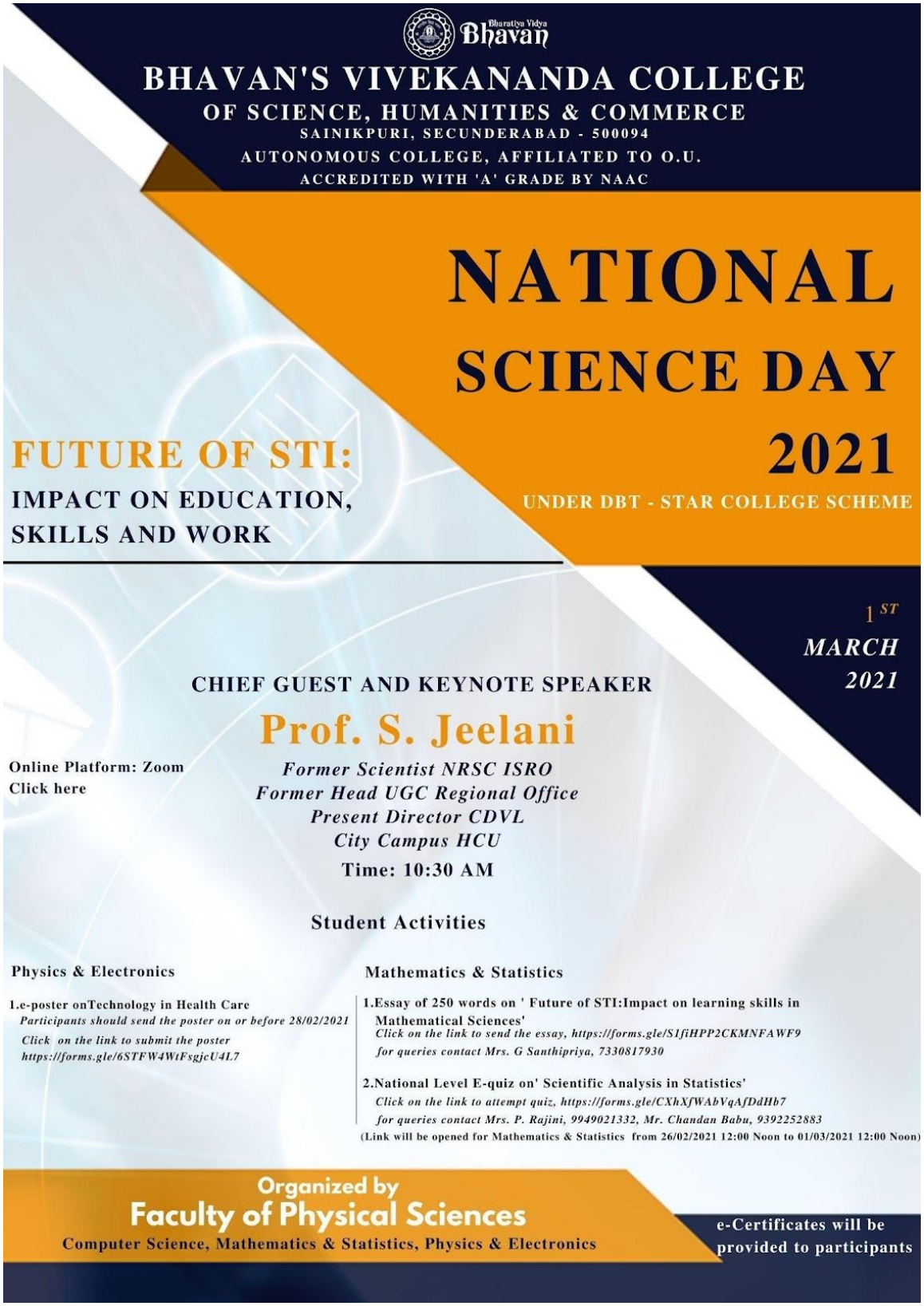
23-3-2021 – Machine Learning Project explanation in detail with data sets and different sources.



24-3-2021 - Machine Learning Project with deep learning analysis and connection with reports.

The students were satisfied with the concepts covered by the instructor and they could able to interact with instructor for doubts clarification. The students have the clear idea different normal application projects and data science projects. The students interacted with instructor for doubts on the topics discussed. It was really interactive workshop.

National Science Day Report- 2021



National Science Day-2021, was organized by the Faculty of Physical Sciences, Bhavan's Vivekananda College on the 1st of March' 2021 under DBT-Star College Scheme. It was an online event conducted on Zoom platform. The theme for the year 2021 given for the Science Day is "Future of STI(Science, Technology and Innovations): Impacts on Education, Skills and Work".

The guests who graced the occasion were, Prof Y Ashok, Principal, Bhavan's Vivekananda College and Chief Guest and Keynote Speaker for the Day, Prof S. Jilani, Former Scientist, NRSC, ISRO, Former Head, UGC Regional Office, Present Director, CDVL, City Campus, HCU.

The event began with the Welcome address by Mrs K V B Saraswathi, Head, Department of Computer Science.

Prof Y Ashok, spoke on the importance of Science and Technology and also reminded the historic invention by Sir C V Raman, "the Raman Effect", for which he was awarded the Noble Prize.

He also motivated the students to gain hands-on experience in the field of Science and to inculcate scientific reasoning.

Prof S Jilani, the keynote speaker for the occasion focused on various important aspects such as:

- Contribution of Higher Education to the society
- The contribution of some great scientists
- New paradigm in science and education
- Role of Satellites in developing Science and Technology
- Importance of Robotic Technology
- Nano Technology
- Technology in Health and Medical Care
- Technology and Transformation of Society
- Expectations of Society and Students.

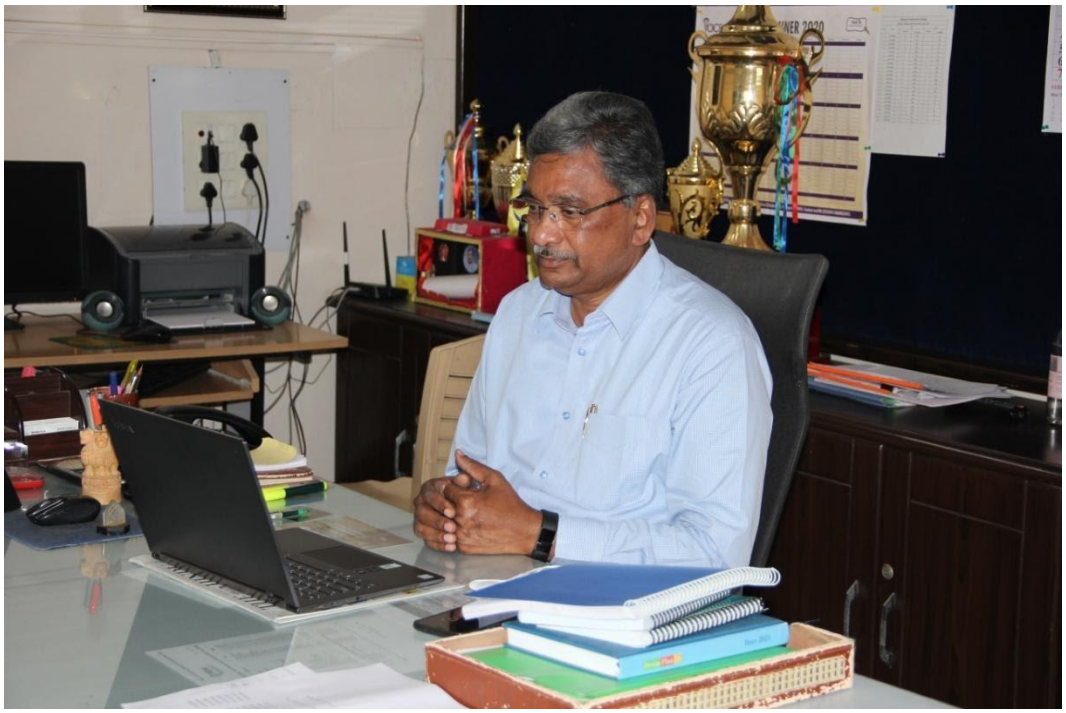
Student Activities conducted as part of the National Science Day are:

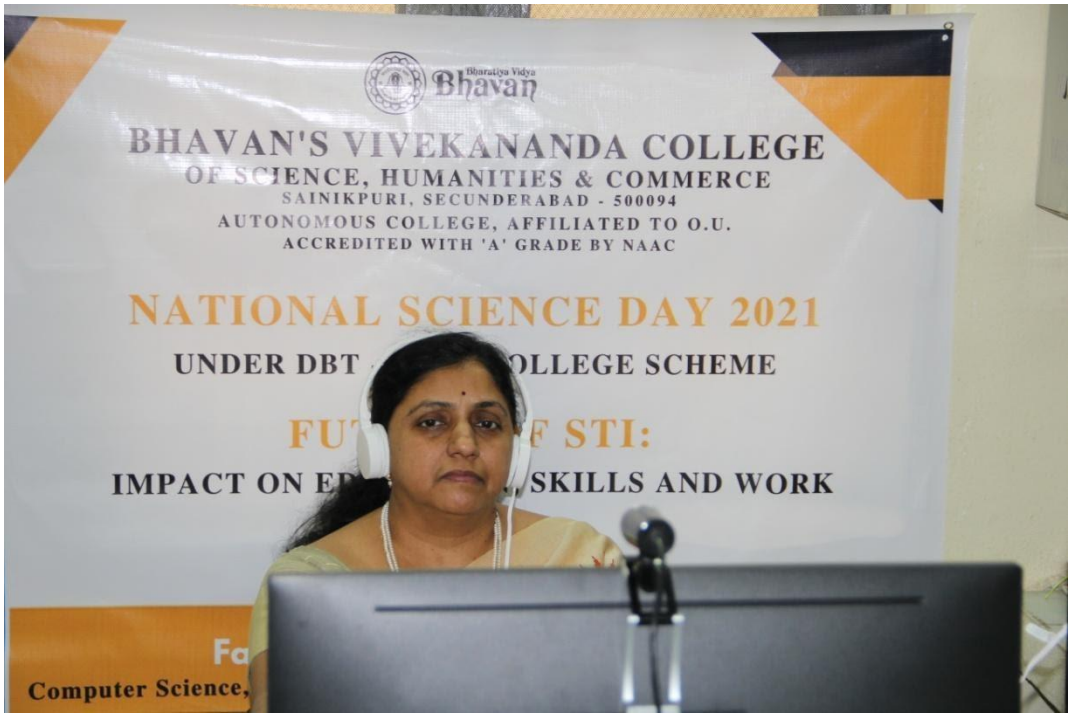
i. Student Presentations on the projects developed on Android Platform conducted by the Dept. of Computer Science.

ii. E-Poster on Technology in Health care, conducted by the Department of Physics and Electronics.

iii. The Department of Mathematics and Statistics had conducted two activities: Essay writing on "Future of STI (Science, technology and Innovations): Impact on learning skills in Mathematical Science and E-Quiz on "Scientific Analysis in Statistics."

The event concluded by Vote of thanks given by Mrs K Padmapriya, Lecturer, Dept. of Computer Science. There were a total of 150 students who participated.




Bharatiya Vidya
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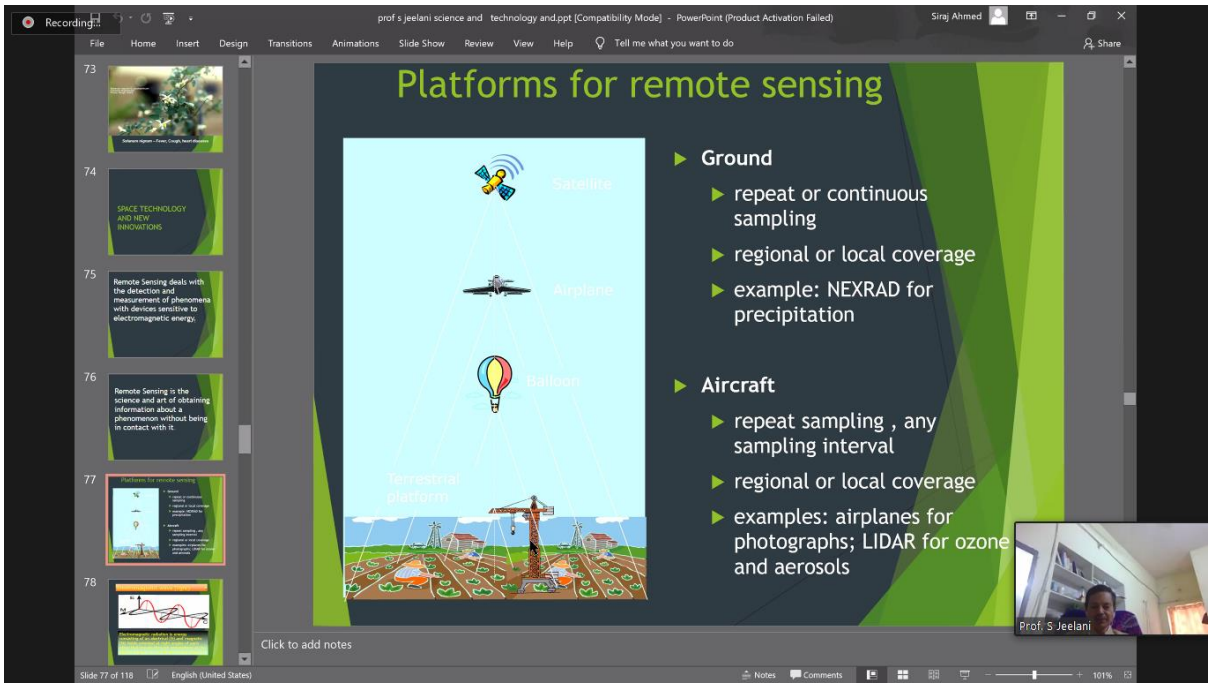
BHAVAN'S VIVEKANANDA COLLEGE
OF SCIENCE, HUMANITIES & COMMERCE
SAINIKPURI, SECUNDERABAD - 500094
AUTONOMOUS COLLEGE, AFFILIATED TO O.U.
ACCREDITED WITH 'A' GRADE BY NAAC
NATIONAL SCIENCE DAY 2021
UNDER DBT
OLLEGE SCHEME
F STI:
IMPACT ON ED
SKILLS AND WORK
Computer Science,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example: NEXRAD for precipitation
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examples: airplanes for photographs; LIDAR for ozone and aerosols
Prof. S Jeelani
Click to add notes
Slide 77 of 118
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Notes
Comments
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IRS-1D (1997) LISS-3 (23/70M, STEERABLE PAN (5.8 M); WiFS (188M)
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AWIFS - 70 M; 4-XS
IRS-P3 (1996)
WiFS MOS
X-Ray,
IRS-P2 (1994)
LISS-2
IRS-P4 (1999)
OCEANSAT OCM; MSMR
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CARTOSAT - 1
PAN - 2.5M, 30 KM, F/A
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Prof. S Jeelani
Unmute
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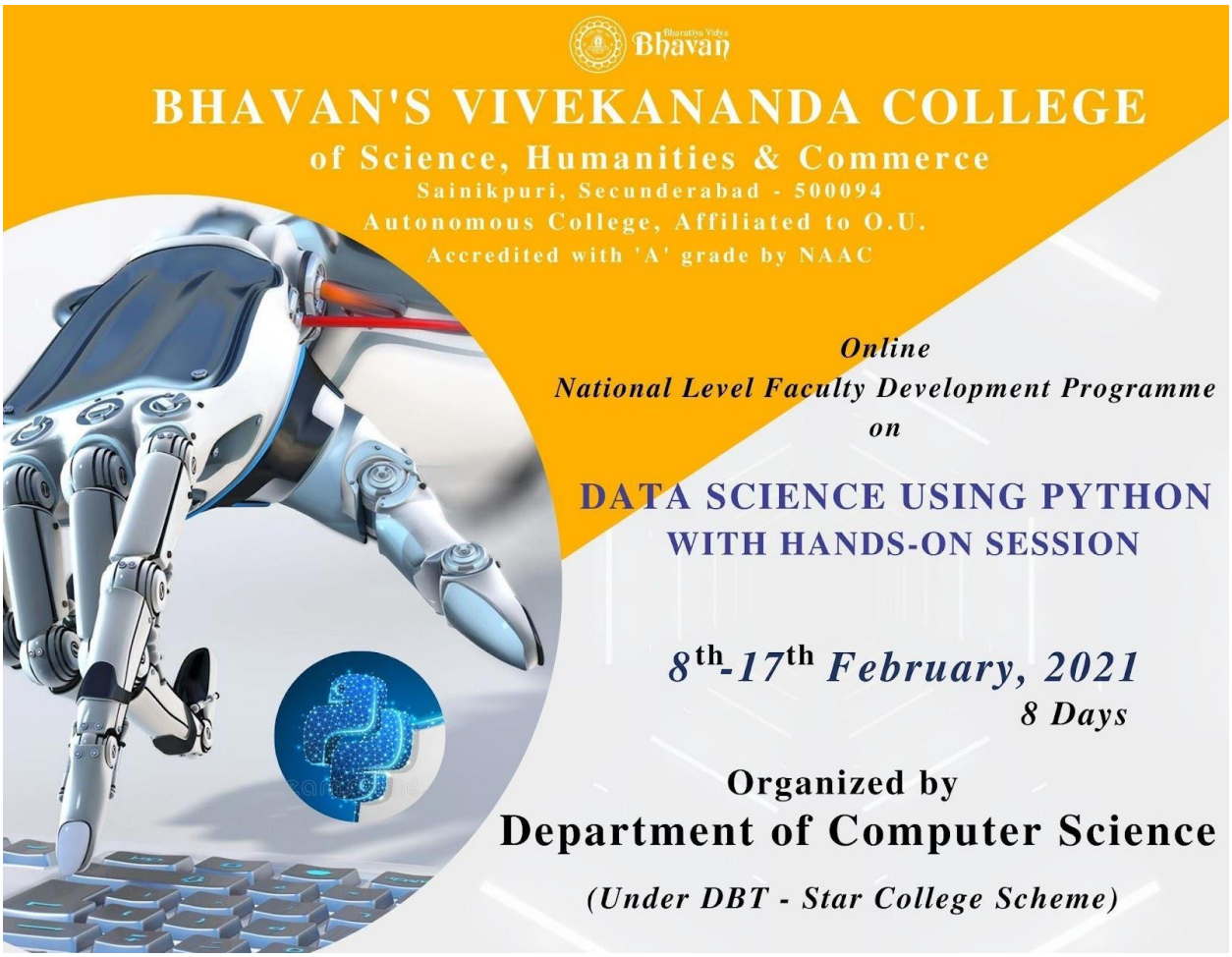
National Level Online Faculty Development programme on

DATA SCIENCE USING PYTHON



An 8-day National Level Online Faculty Development programme is being organised by Department of Computer Science, Bhavan's Vivekananda College, under DBT-Star college scheme from 8th February 2021 to 17th February 2021.

Day 1:

The day1 began withMr.P.Srinivasa, incharge of FDP, welcoming the participants. It was followed by the welcome address by Mrs. KVB Saraswathi, HOD Computer Science.

The first session was taken by one of the senior faculties of the Department of Computer Science,MrsK.Padma Priya on the installation of Anaconda and the basic concepts of Python.The session was continued by Mr G.Mahesh Kumar, Assistant Professor,Department of Computer Science, where he demonstrated regarding Python Data Structures.

There were 110 participants in the session.

Day 2:

The day 2 began with the inaugural of the programme whereViceChairmanAir Cmde.J.L.N Sastry, VSM and Principal Prof Y.Ashok addressed the participants. Mrs KVB Saraswathi, Head Department of Computer Science welcomed the speaker of the programme, Mr.ShaskankAgoyanker. The topics covered for the day include introduction to numpy and pandas, creation and retrieval of data from a file into Jupyter Notebook, downloading a dataset from Kaggle and working with dataset using various functions available in Python.

There were 90 participants in the session.

Day 3:

The day 3 session was on data cleaning methods and graph plots where various graph types were demonstrated. The topics discussed of day that were covered are:

- Exporting Data to various formats
- Cleansing Data with Pandas
- Data Manipulation steps (Sorting, filtering, duplicates, merging, appending, sub setting,
- derived variables, sampling, Data type conversions, renaming, formatting etc)

There were 82 participants in the session.

Day 4:

The day 4 session was on supervised machine learning. The topics discussed of day that were covered are:

- Supervised Machine Learning algorithms with examples(case studies) using python.

There were 67 participants in the session.

Day 5:

The day 5 session was on unsupervised machine learning. The topics discussed in the session are:

- Unsupervised Machine Learning algorithms with examples (case studies) using Python

There were 82 participants in the session.

Day 6:

The day 6 session was on data analysis. The topics discussed in the session are:

- Introduction exploratory data analysis
- Descriptive statistics, Frequency Tables and summarization
- Univariate Analysis (Distribution of data & Graphical Analysis)
- Bivariate Analysis(Cross Tabs, Distributions & Relationships, Graphical Analysis)
- Creating Graphs- Bar/pie/line chart/histogram/ boxplot/ scatter/ density etc)
- Data Visualization – Seaborn, Matplotlib
- Google Maps Visualization –Plotly, Coronavirus 2019-20 Visualization on World Map

- Time series Plot of Novel Covid19 Data

There were 64 participants in the session.

Day 7:

The day 7 was on Deep Learning. Various deep learning techniques were discussed. The topics covered in the session include:

· Single & Multi-layered Neural Networks
· Perceptron , Concept of Single Neuron , Logic gates , Inputs, weights, biases
· Various activation functions in neural networks – Unit Step, Sigmoid, ReLu, Softmax, and hyperbolic functions , Single Layer Perceptron
· Introduction to Multilayer Neural Network , Concept of Deep neural networks ,Multi-layer perceptron
· Capacity and Overfitting ,Neural network hyperparameters
· Backpropagation convergence , Forward propagation, overfitting, hyperparameters
· Training of neural networks
· The various techniques used in training of artificial neural networks
· Gradient descent rule , Perceptron learning rule

There were68 participants in the session.

Day 8:

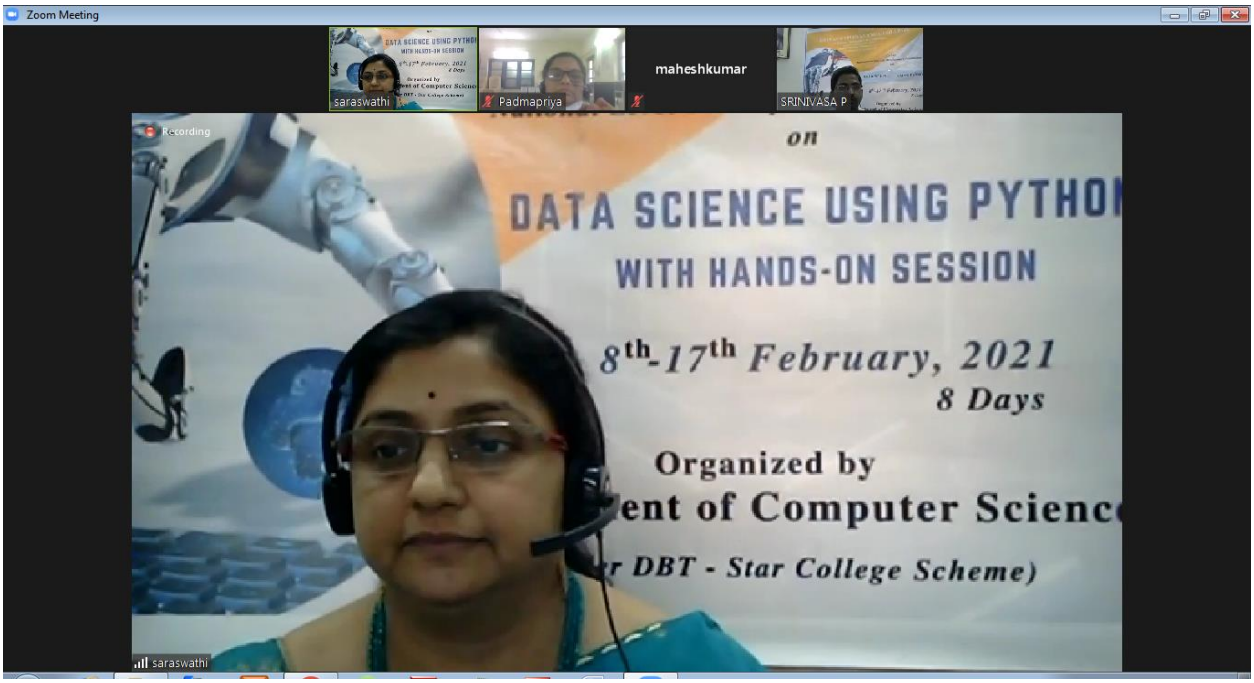
The day 8 session was on Neural Networks.The topics discussed were:

· CNNs (Convolutional Neural Networks)
· Convolutional Neural Network
· Understanding the architecture and use-cases of CNN
· Pooling Layer, how to visualize using CNN?
· How to fine-tune a convolutional neural network
· What is transfer learning, Kernel filter, Feature maps, and pooling
· Deploying convolutional neural networks in TensorFlow.

The 8-Day FDP concluded with the valedictory session. Principal, Prof Y Ashok, Bhavan's Vivekananda College was the Chief Guest for the Valedictory. He had appreciated the efforts of the Department in taking up the FDP and the Speaker for an informative session.

The day wise report was given by Mrs. KVB Saraswathi. The program ended by the vote of thanks of Mr. P. Srinivasa.

There were 89 participants in the session.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8th-17th February, 2021
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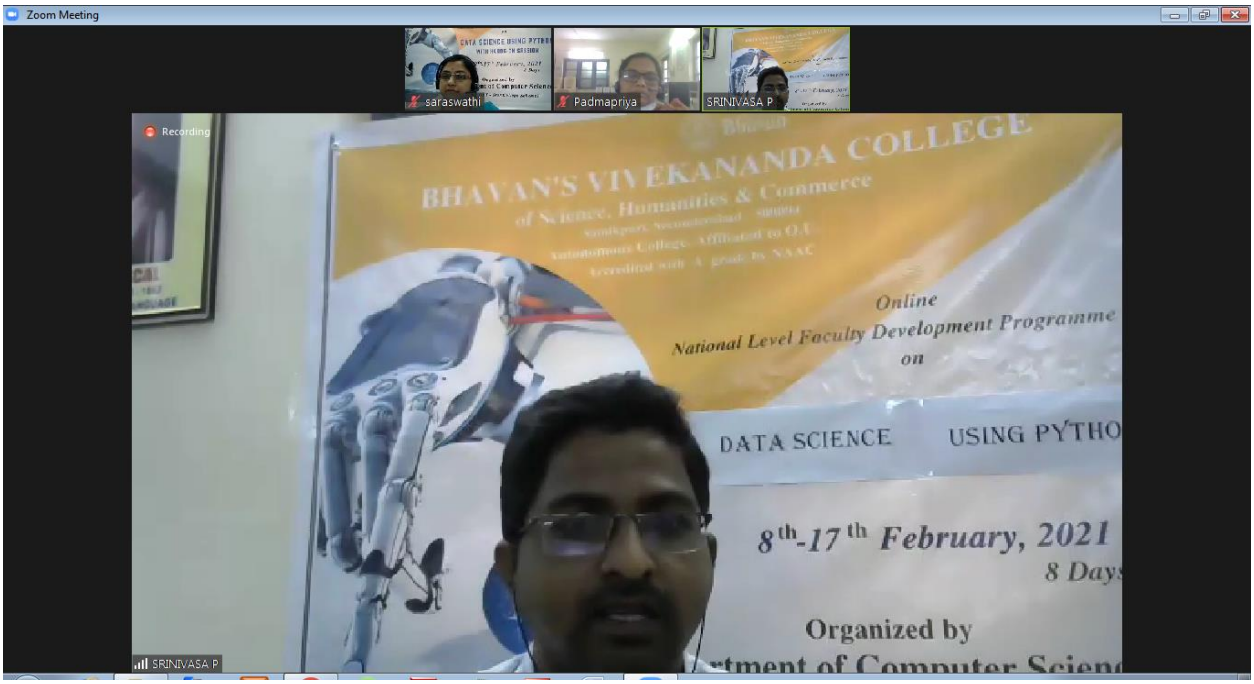
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of Science, Humanities & Commerce
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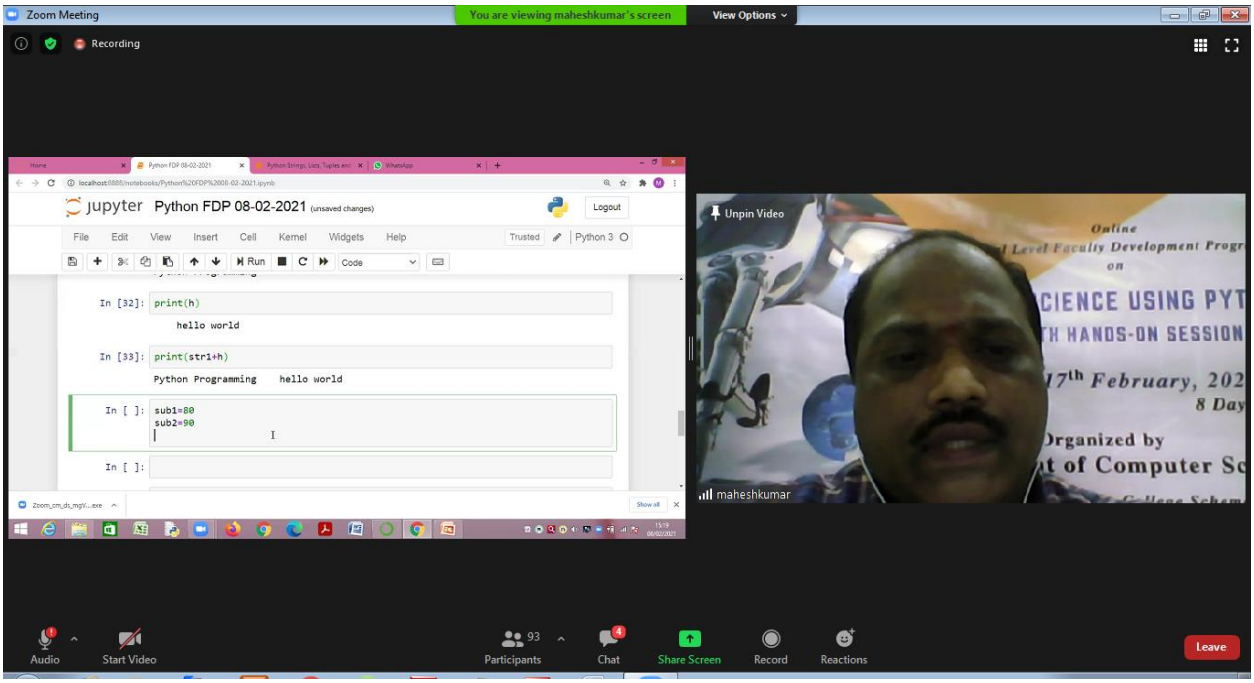
8th-17th February, 2021
8 Days
Organized by
SRINIVASA P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In [33]: print(str1+h)
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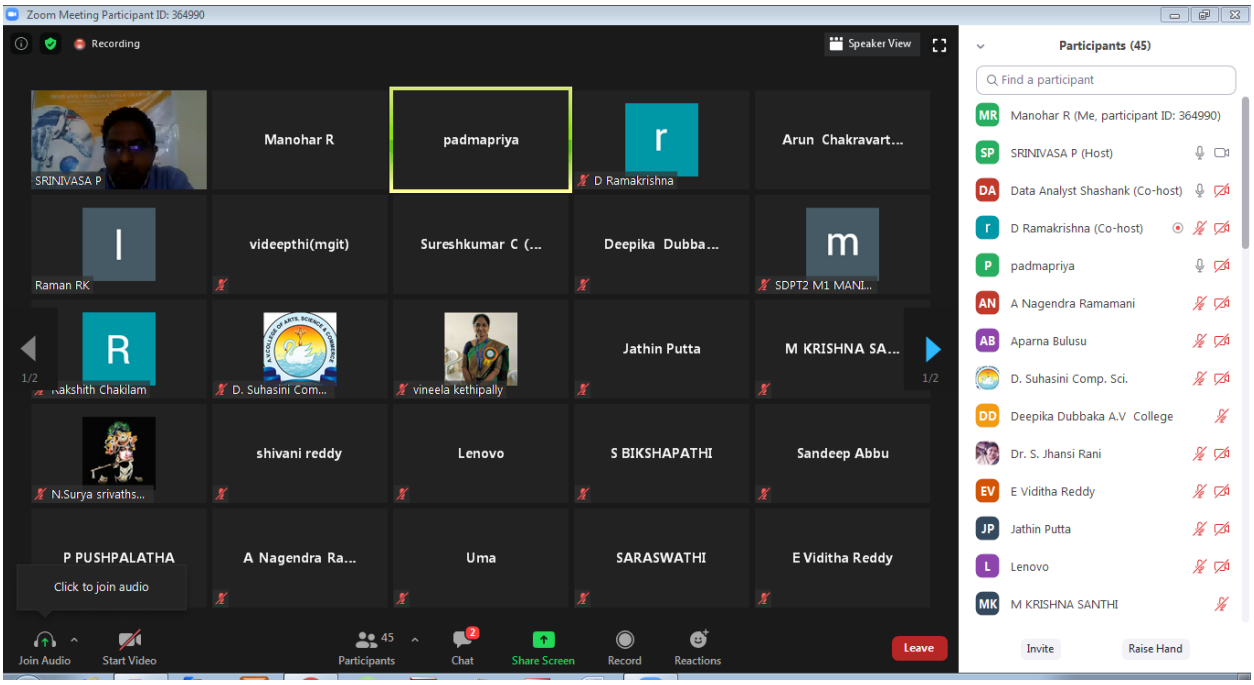
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SRINIVASA P (Host)
Data Analyst Shashank (Co-host)
D Ramakrishna (Co-host)
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A Nagendra Ramamani
Aparna Bulusu
D. Suhasini Comp. Sci.
Deepika Dubbaka A.V College
Dr. S. Jhansi Rani
E Viditha Reddy
Jathin Putta
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M KRISHNA SANTHI
Invite
Raise Hand

GUEST LECTURE- INTERVIEW SKILLS

On 23rd January 2021, the department of Computer Science conducted its guest lecture on "**INTERVIEW SKILLS- by Sushma Uday**".This lecture was exclusively conducted for all BCA students in online mode with Virtual Platform using **Microsoft teams** under the guidance of Mrs KVB Saraswathi (Head of the Department), Mr G Mahesh Kumar (Course Coordinator of BCA) and Mrs Jayalaxmi (Lecturer in Computer Science department).

Bhavan

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 on

Interview Skills

23 January, 2021
10:00 am

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

Speaker

Sushma Uday

Senior Manager,
HR Business Partnering,
Capgemini

Platform: Microsoft Teams

Click here

Contact:
Mrs. K.V.B.Saraswathi
Head, Dept. of Computer Science

Mr. G. Mahesh Kumar
BCA Course Coordinator,
Assistant Professor,
Dept. of Computer Science,
9849874907

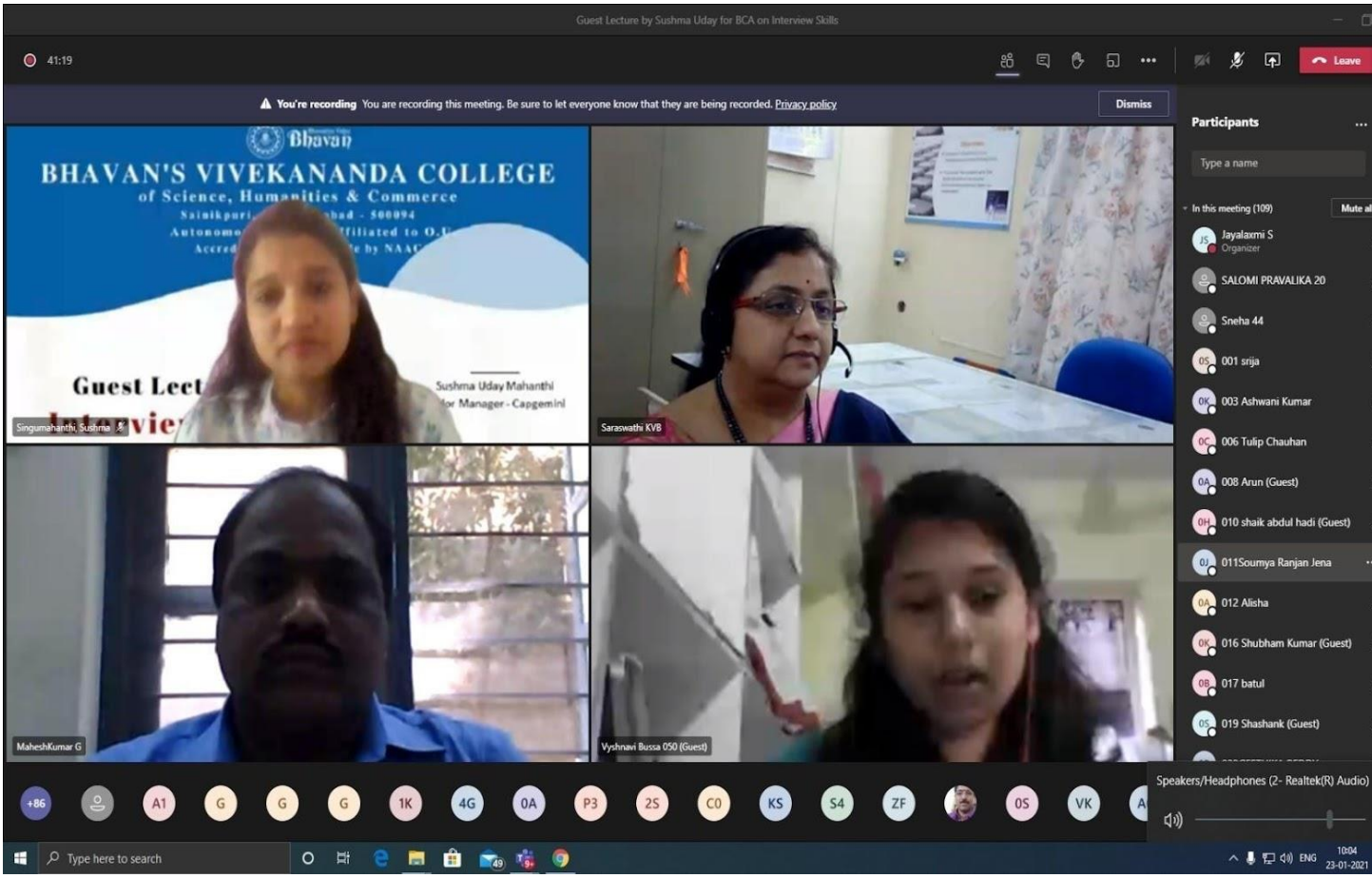
Mrs. S. Jayalaxmi
Assistant Professor,
Dept. of Computer Science
9989440261

Before we started the lecturer Head of the Department, Mrs KVB Saraswathi has welcomed the guest on behalf of the college and addressed the students with some motivational words.

Then the event was followed by inviting Guest Speaker for the day Mrs Sushma Uday who is working as Senior Manager in the field of HR Business Partnering in Capgemini Organisation.

As the session was very interactive, students and the faculty participated in session very actively and it was very informative and interesting. Also, this session has helped each and every student to develop their communication skills, body language and how to attend an interview in a right manner.

There were 43 student participants for the session. On the whole, students gave their responses through the Feedback form which is completely a positive feedback from students and lecturers as well. Students are very well benefited from this guest lecture.



Guest Lecture by Sushma Uday for BCA on Interview Skills
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Bhavan
BHAVAN'S VIVEKANANDA COLLEGE
Sushma Uday Mahanthi
Meeting chat
To see how well one can fit in their organization
040 Supriya (Guest) 10:09 AM
To test the candidates knowledge skills and confedence to check they are eligible or not
Last read
09 PARDHASARADHI 10:09 AM
to know how a person is fit to the oragnization
15 K.VISHNAVI 10:10 AM
Make a strong impression
ZAINABH FATIMA 10:10 AM
to identify your professional strengths and weaknesses
to obtain critical feedback on your resume/job-search goals
001 srija left the meeting.
018 Naga Sai joined the meeting.
48 VINAY (Guest) 10:10 AM
To know the skills of a candiate
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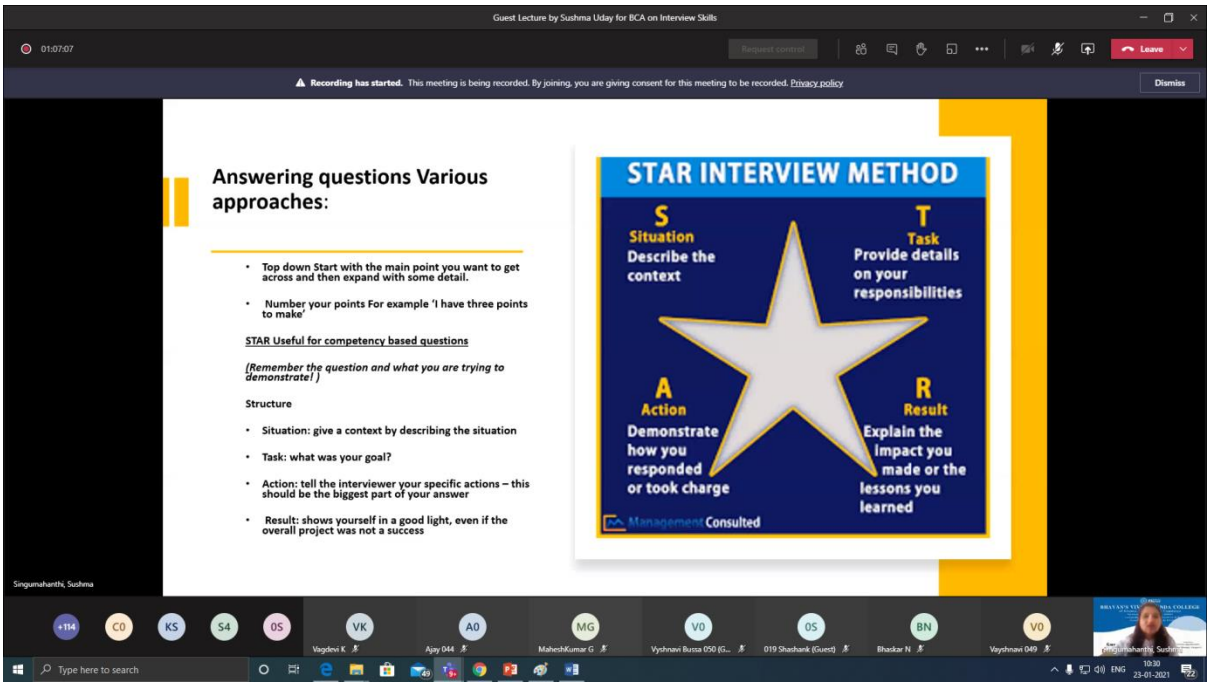
Guest Lecture by Sushma Uday for BCA on Interview Skills
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Answering questions Various approaches:
Top down Start with the main point you want to get across and then expand with some detail.
Number your points For example 'I have three points to make'
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
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Ajay 044
MaheshKumar G
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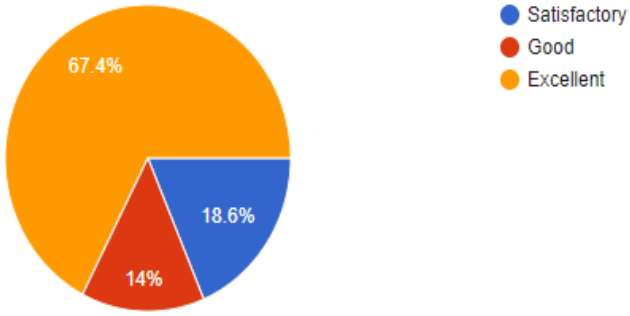
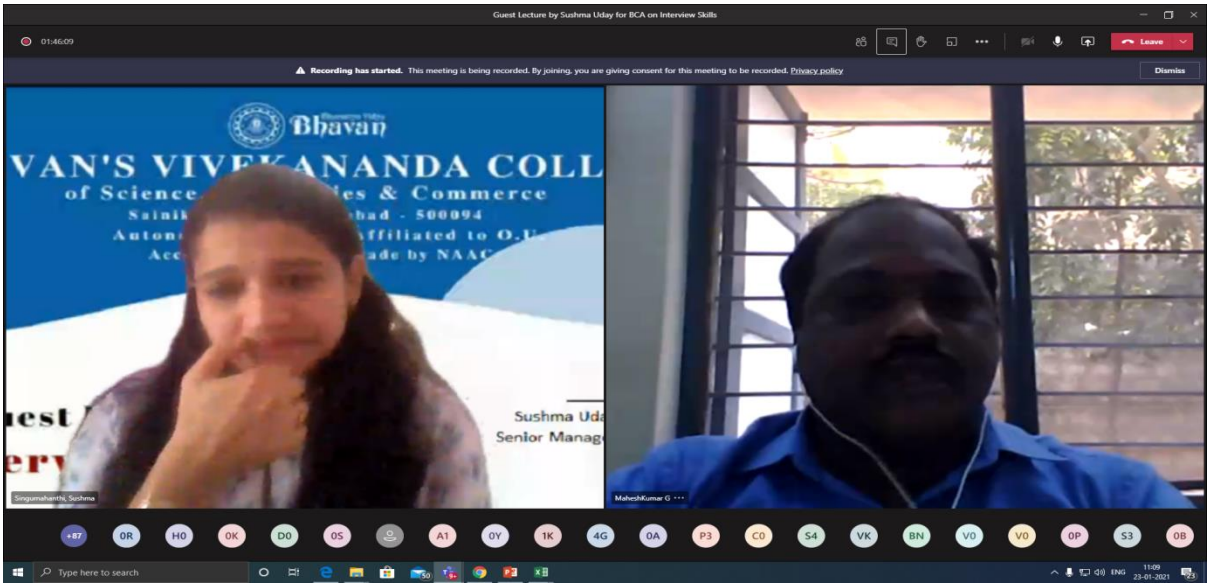
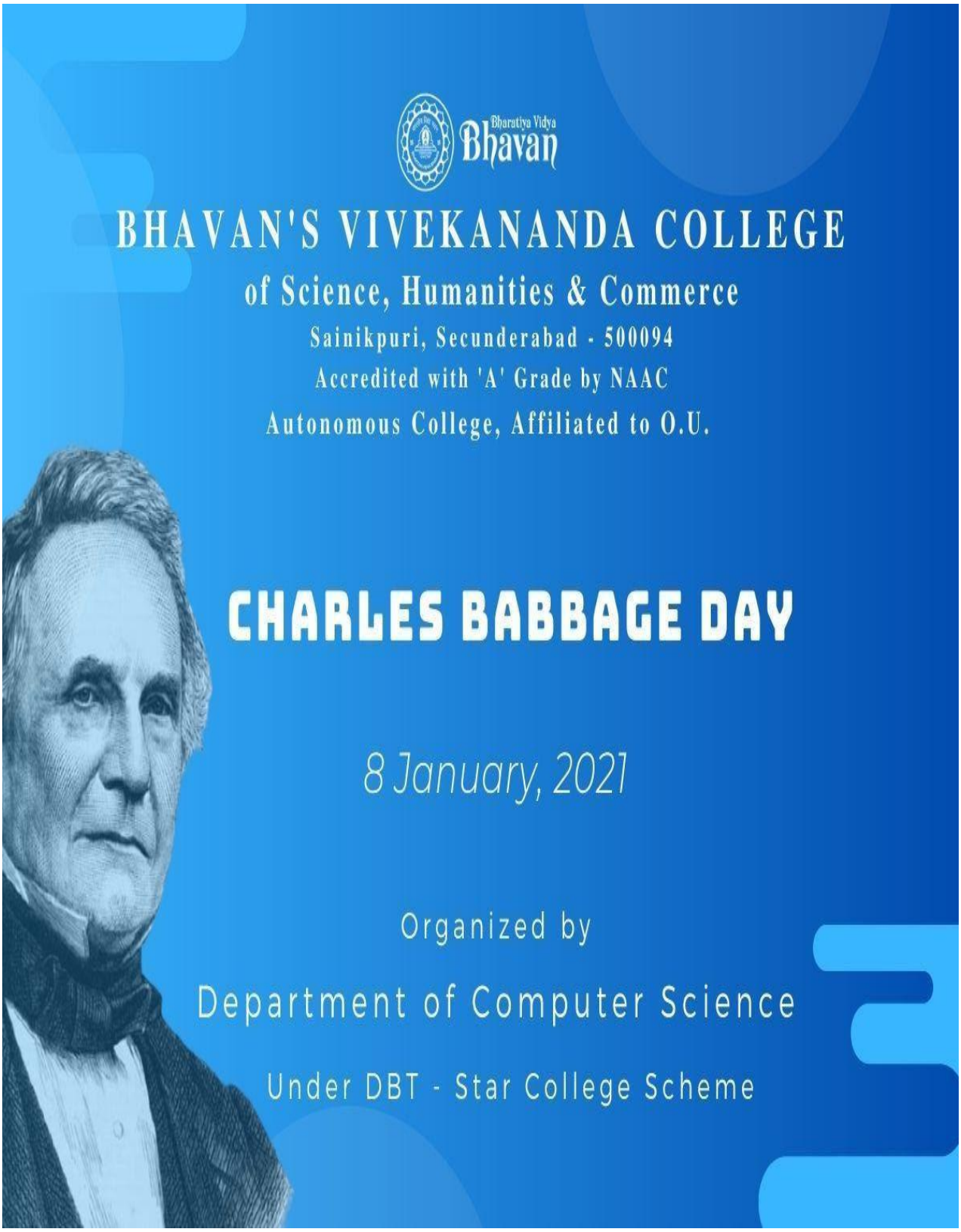
How do you rate the session?

43 responses





Charles Babbage Day



Bharatiya Vidya Bhavan

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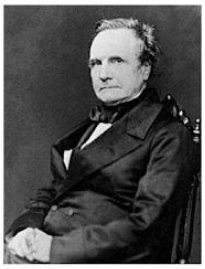


Charles Babbage Day

8 January, 2021

Organized by

Department of Computer Science

Under DBT - Star College Scheme

@ 10:00 A.M.

Platform

Microsoft Teams

Please Join 15mins before the given time

Charles Babbage Day

Charles Babbage was considered to be the Father of Computer after his invention and concept of the Analytical Engine in 1837. The Analytical Engine contained an Arithmetic Logic Unit(ALU), basic flow control, and integrated memory; hailed as the first general purpose computer concept.

Department of Computer Science

The Computer Science Department of Bhavan's Vivekananda College is Celebrating its 15th Charles Babbage Day in commemoration of the birth of Charles Babbage. (The Father of Computer)

Program Schedule

10.00 A.M. : Inaugural Session

10.30 A.M. : *"Machine Learning Technology and Applications"*
-Dr.CRK Reddy
Professor & Head,Dept. of CSE,MGIT,Hyderabad

11.30 A.M. : Best Student Project Presentations

12.00 Noon : IT – Quiz Finals and Best Startup Idea

01.30 P.M. : Lunch Break

02.00 P.M. : *"Role of Personality Development & Soft Skills in securing IT Jobs"*
-Mr. Upamanyu Sengupta
Senior Soft Skills Coach, Cognizant Infra Services, Soft Skills CoE, Pune

03.00 P.M. : Valedictory Session - prize distribution and vote of thanks

Charles Babbage Day was celebrated at Bhavan's Vivekananda College on 8th January,2021. The Department of Computer Science of the college organised the event in commemoration of the birthday of CHARLES BABBAGE, the Father of Computers. The guest speaker for the day was Dr. C.R.K. Reddy (MGIT). Air Cmde(Retd) J L N Sastry (VSM), Vice Chairman BVB; Principal Prof Y Ashok ; Mrs. KVB Saraswathi Devi,Head, Dept of Computer Science, were the dignitaries for the inaugural session.

Dr. C.R.K. Reddy, the guest speaker of the day spoke on Artificial intelligence, machine learning , deep learning and their real time applications in the present day scenario .
Students presented their projects,and a total of 17 teams(40 Students) participated. The projects were done by I, II, and III year students of B.Sc& BCA on various platforms like Android, PHP, Firebase and MySQL.

Fusion tech conducted the following two events .

The "PICTURE HEIST" in Virtual Platform on 18th & 19th of December 2020.The game was all about finding hidden objects from the given pictures which were followed by 2 rounds. The Picture Heist Event had 14 participants
Second event was "ABHIMANTRAM - The Silicon Valley for Start-up Ideas" held on 05 January 2021 which invited start-up ideas from students. The best three start-up ideas were awarded.

A report on the day's events was given by Mr. Mahesh Kumar , Coordinator ,BCA, at the valedictory function of the Fusion tech club. The Vice-Principal, Mrs. B Niraimathi appreciated the students on their performance and declared the new student heads of fusion tech club for the new academic year by presenting badges to them.

The students who have done the projects were felicitated . The winners of two events"PICTURE HEIST&"ABHIMANTRAM of the Fusion Tech club were awarded.

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

Android Projects, Team Leaders, Team Members (40 Students and 17 Teams) List 2020-21

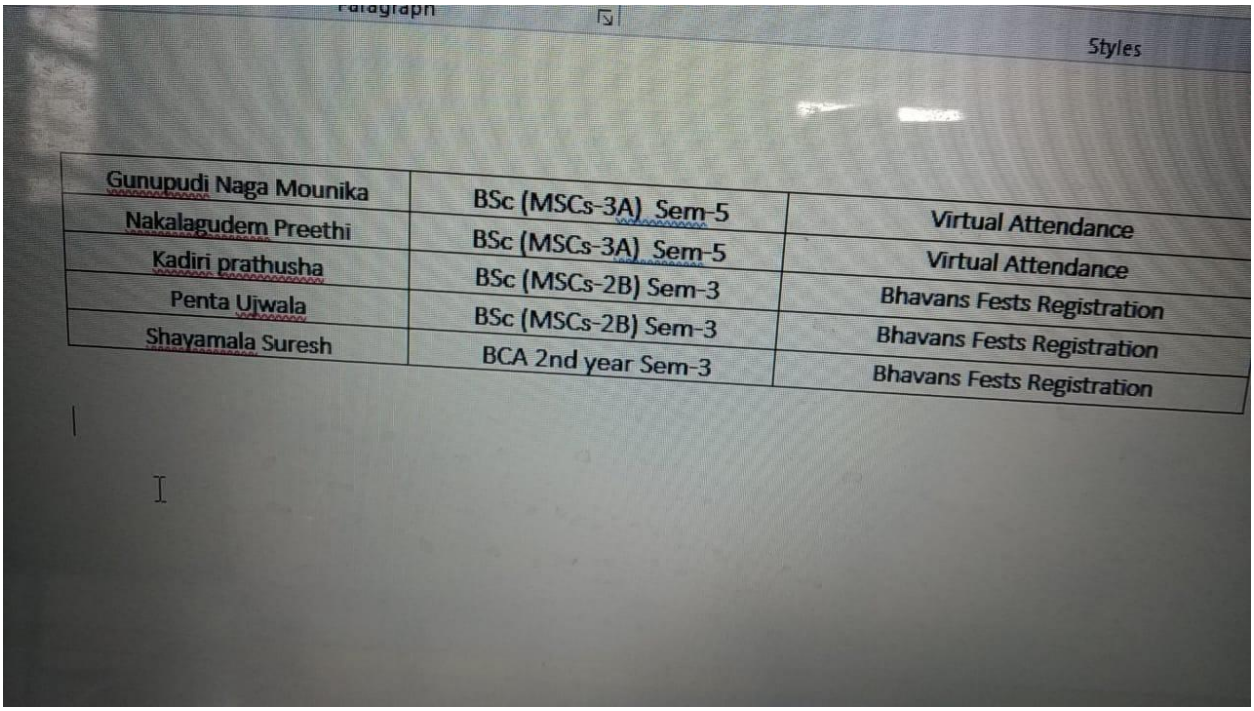
Project no	Team Leaders	S.no	Names	Class	Project Name	Software Used
Team 1	Pravallika	1	Alekhya Sapuri	BSc (MSCs-2A) Sem-3	Live Fit	Using Android & Firebase
	BSc (MECs-	2	Akanksha	BSc (MSCs-	Live Fit	Using Android

	3A) Sem-5		Sapuri	2B) Sem-3		& Firebase
Team 2	**Pravallika**	1	Daggupati Sai Tejasri	BSc (MSCs-2A) Sem-3	BVC Good Food	Using Android & Firebase
		2	Thatikonda Sreeja	BSc (MSCs-2B) Sem-3	BVC Good Food	Using Android & Firebase
		3	Valluri Lalitha Madhulika	BSc (MECs-2A) Sem-3	BVC Good Food	Using Android & Firebase
Team 3	**Padma sree**	1	Pampari Tejaswi	BSc(MECs-3A) Sem-5	Pick your path	Using Android & Firebase
	BSc (MECs-3A) Sem-5	2	Nalagangula Srija	BSc(MECs-3A) Sem-5	Pick your path	Using Android & Firebase
Team 4	**Padma sree**	1	Kadiri Prathusha	BSc (MSCs-2B) Sem-3	Bhavans Fests Registration	Using Android & Firebase
		2	Penta Ujwala	BSc (MSCs-2B) Sem-3	Bhavans Fests Registration	Using Android & Firebase
		3	Shyamala Suresh	BCA 2nd year Sem-3	Bhavans Fests Registration	Using Android & Firebase
Team 5	**Padma sree**	1	Iragavarapu Vijaya Sri	Bsc(MSCs-2B) Sem-3	Online Complaint Registration	Using Android & Firebase
Team 6	**Lavanya & Harshita**	1	V.Surya Kiran	Bsc (MPCs-3A) Sem-5	Litchat	Using Android & Firebase
	BSc (MPCs-3A) Sem-5	2	Shaik Abdul Rahaman	Bsc (MPCs-3A) Sem-5	Litchat	Using Android & Firebase
			Kotha Lakshman Kumar	Bsc (MPCs-3A) Sem-5	Litchat	Using Android & Firebase
Team 7	**Sree Durga**	1	Chunchu Ujwala	BSc (MECs-3A) Sem-5	E-welfare	Using Android & Firebase
	Bsc (MECs-3A) Sem-5	2	G.N.Vaishnu Sree	BSc (MECs-3A) Sem-5	E-welfare	Using Android & Firebase
Team 8	**Bhavagna**	1	Achini Siddhini	BCA 2nd year Sem-3	I'M A MASTERCHEF	Using Android & Firebase
	BSc (MECs-	2	Giragani	BCA 2nd	I'M A	Using Android

	3A) Sem-5		Sarayu	year Sem-3	MASTERCHEF	& Firebase
		3	Muskaan Begum	BCA 2nd year Sem-3	I'M A MASTERCHEF	Using Android & Firebase
Team 9	**Bhavagna**	1	R Deepika	BSc (MECs-3A) Sem-5	PET STORE	Using Android & Firebase
	BSc (MECs-3A) Sem-5	2	Swapna Gouda	BSc (MECs-3A) Sem-5	PET STORE	Using Android & Firebase
Team 10	**Jayalakshmi**	1	Palli Om Vikas	BSc(MPCs-2A) Sem-3	BVC Clubs	Using Android & Firebase
		2	Ganapuram Sri Vidya	BSc(MPCs-2A) Sem-3	BVC Clubs	Using Android & Firebase
Team 11	**Jayalakshmi**	1	Bapatla Sai Vaishnavi	BSc (MECs-3B) Sem-5	INCREDIBLE	Using Android & Firebase
	BSc (MECs-3B) Sem-5	2	Gangadhari Sai Kiran	BSc (MECs-3B) Sem-5	INCREDIBLE	Using Android & Firebase
		3	Dubagunta Adithya Sai	BSc (MECs-3B) Sem-5	INCREDIBLE	Using Android & Firebase
Team 12		1	Gunupudi Naga Mounika	BSc (MSCs-3B) Sem-5	Virtual Attendance	Using HTML,PHP,SQL Database
		2	Nakalagudem Preethi	BSc (MSCs-3B) Sem-5	Virtual Attendance	Using HTML,PHP,SQL Database
Team 13		1	Lanka Bhavagna	BSc (MECs-3A) Sem-5	What's in your frige?	Using Android & Firebase
		2	Bhargav Kumar Jakkula	BSc (MECs-3A) Sem-5	What's in your frige?	Using Android & Firebase
Team 14	**Krishna & Santosh**	1	Puthukara Nitya	BCA 2nd year Sem-3	TEMPLE INFORMATION	Using Android & Firebase
	BSc(MPCs-3B) Sem-5	2	Karanam Vishnavi	BCA 2nd year Sem-3	TEMPLE INFORMATION	Using Android & Firebase

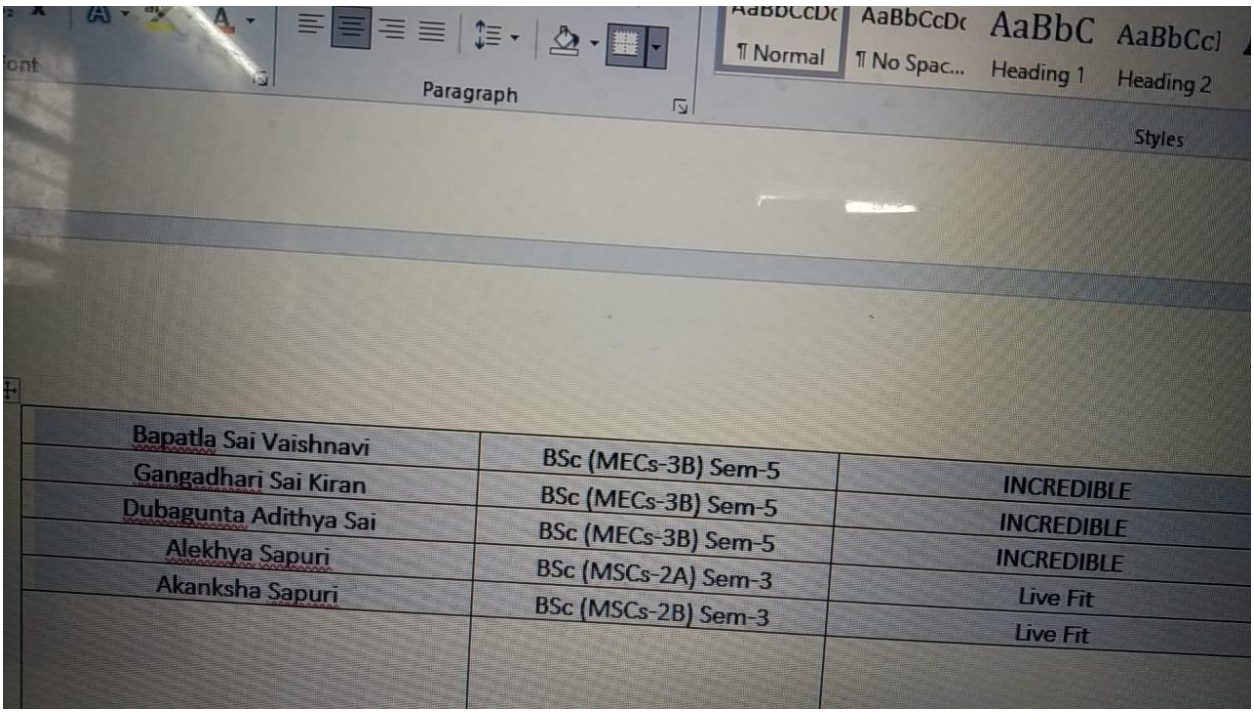
Team 15	**Krishna & Santosh**	1	Subhranshu Ghadai	BCA 2nd year Sem-3	Voice assistant	Using Android & Firebase
	BSc(MPCs-3B) Sem-5	2	Yogesh Joshi	BCA 2nd year Sem-3	Voice assistant	Using Android & Firebase
		3	Rajesh Mandal	BCA 2nd year Sem-3	Voice assistant	Using Android & Firebase
Team 16	**Krishna & Santosh**	1	Myada Sumana	BCA 2nd year Sem-3	Books Remainder	Using Android & Firebase
	BSc(MPCs-3B) Sem-5	2	Priya Singh	BCA 2nd year Sem-3	Books Remainder	Using Android & Firebase
		3	Zainabh Fatima	BCA 2nd year Sem-3	Books Remainder	Using Android & Firebase
Team 17		1	Nithin Suhas	BCA Ist year Sem-1	Attendance Management System	Using Android & Firebase
		2	Hasan Ali Gathamaniya	BCA Ist year Sem-1	Attendance Management System	Using Android & Firebase

Best Android projects were selected - Technical category wise



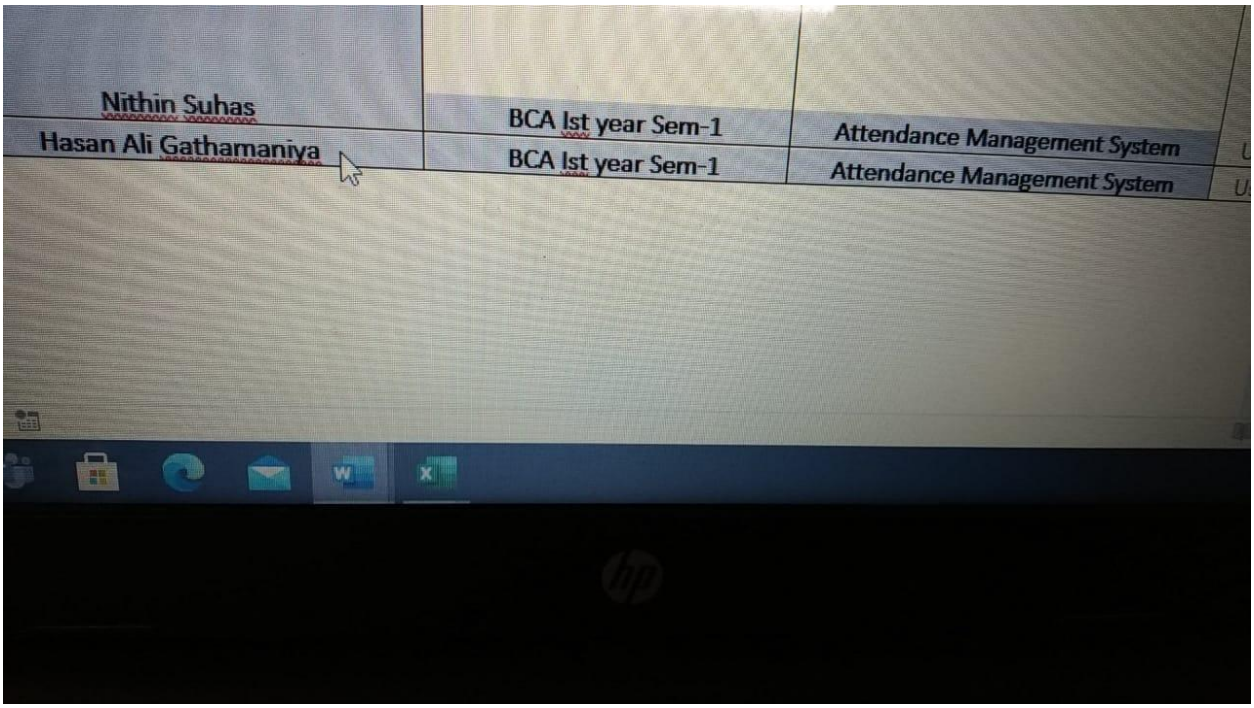
Gunupudi Naga Mounika	BSc (MSCs-3A) Sem-5	Virtual Attendance
Nakalagudem Preethi	BSc (MSCs-3A) Sem-5	Virtual Attendance
Kadiri prathusha	BSc (MSCs-2B) Sem-3	Bhavans Fests Registration
Penta Ujwala	BSc (MSCs-2B) Sem-3	Bhavans Fests Registration
Shayamala Suresh	BCA 2nd year Sem-3	Bhavans Fests Registration

Best Android projects were selected - Social Activity category wise

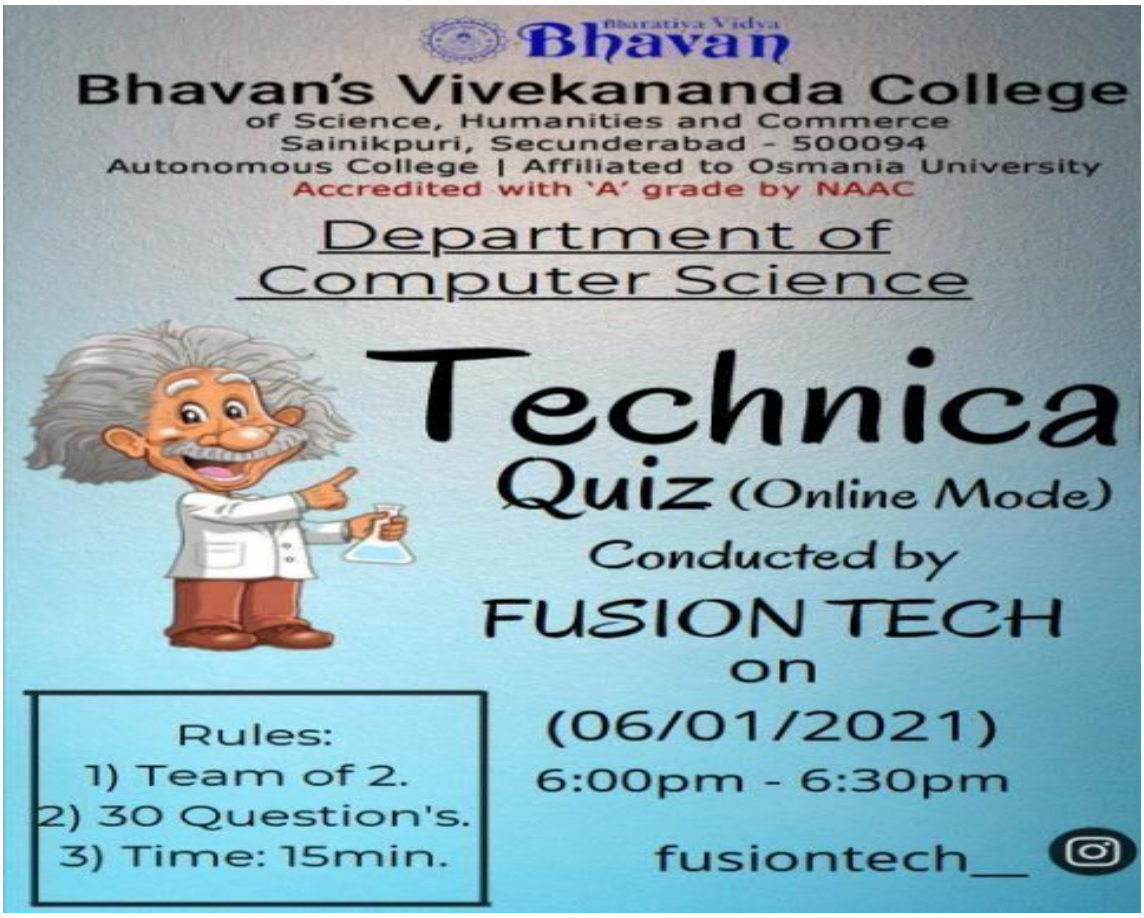


Bapatla Sai Vaishnavi	BSc (MECs-3B) Sem-5	INCREDIBLE
Gangadhari Sai Kiran	BSc (MECs-3B) Sem-5	INCREDIBLE
Dubagunta Adithya Sai	BSc (MECs-3B) Sem-5	INCREDIBLE
Alekhya Sapuri	BSc (MSCs-2A) Sem-3	Live Fit
Akanksha Sapuri	BSc (MSCs-2B) Sem-3	Live Fit

Consolation prize for Android Project done by BCA Ist years



Technical Quiz

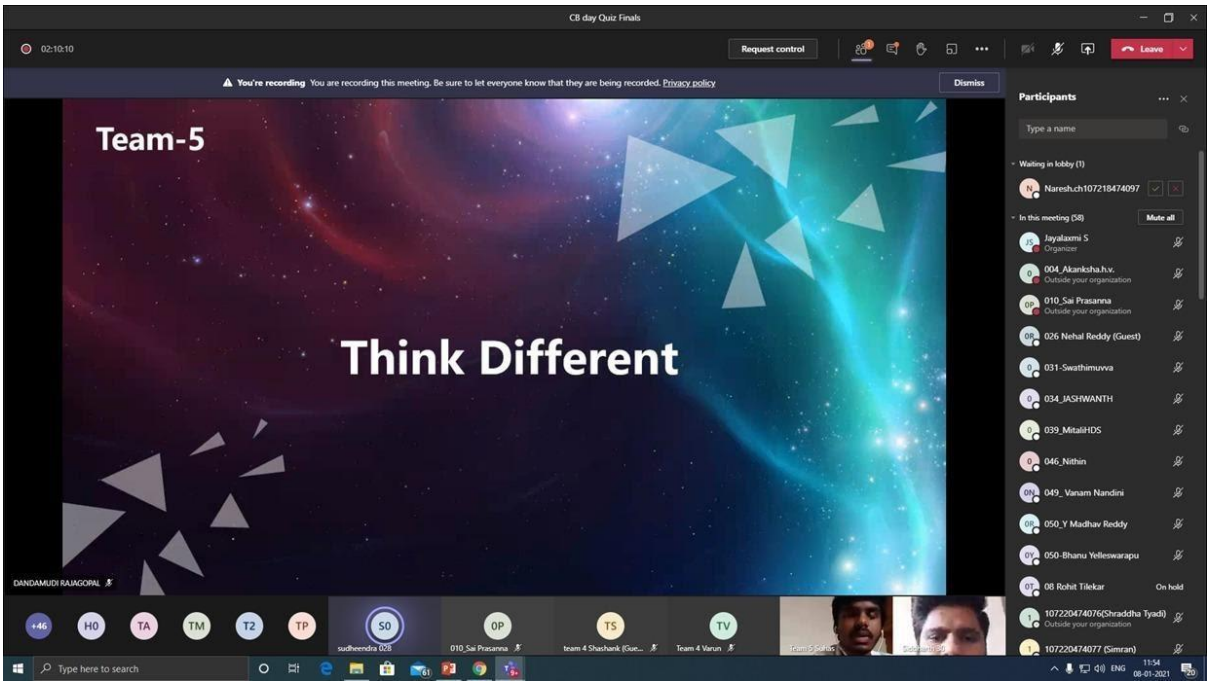


On the day of Charles Babbage Day, i.e., on January 8, 2021 the final round of Technical Quiz is conducted on the Virtual Platform using "Microsoft Teams". There were many rounds like picture quiz, tagline quiz and programming quiz which began with a qualifier round and the round was all about finding taglines of Reputed Companies.

The next round was followed by the Picture Quiz which is based on complete logical thinking. Students had to guess the technical words while the related pictures have been shown. Only 6 teams have qualified for the 3rd round in the final round.

Then the event followed by Programming Quiz, where students have to find the errors or else the output of the given program.

The first place was backed by Rohit and Kanishka from
The second place was backed by Anirudh and Sindhoori from
The third place was backed by Siddharth and Suhas from BCA 2nd Year.


CB day Quiz Finals
02:10:10
Request control
Leave
You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy
Dismiss
Team-5
Think Different
DANDAMUDI RAJAGOPAL
Participants
Type a name
Waiting in lobby (1)
Naresh.ch107218474097
In this meeting (58)
Mute all
Jayalaxmi S
Organizer
004_Akanksha.h.v.
Outside your organization
010_Sai Prasanna
Outside your organization
026 Nehal Reddy (Guest)
031-Swathimuvva
034_JASHWANTH
039_MitaliHDS
046_Nithin
049_ Vanam Nandini
050_Y Madhav Reddy
050-Bhanu Yelleswarapu
08 Rohit Tilekar
On hold
107220474076(Shraddha Tyadi)
Outside your organization
107220474077 (Simran)
sudheendra 028
010_Sai Prasanna
team 4 Shashank (Gue...
Team 4 Varun
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ENG
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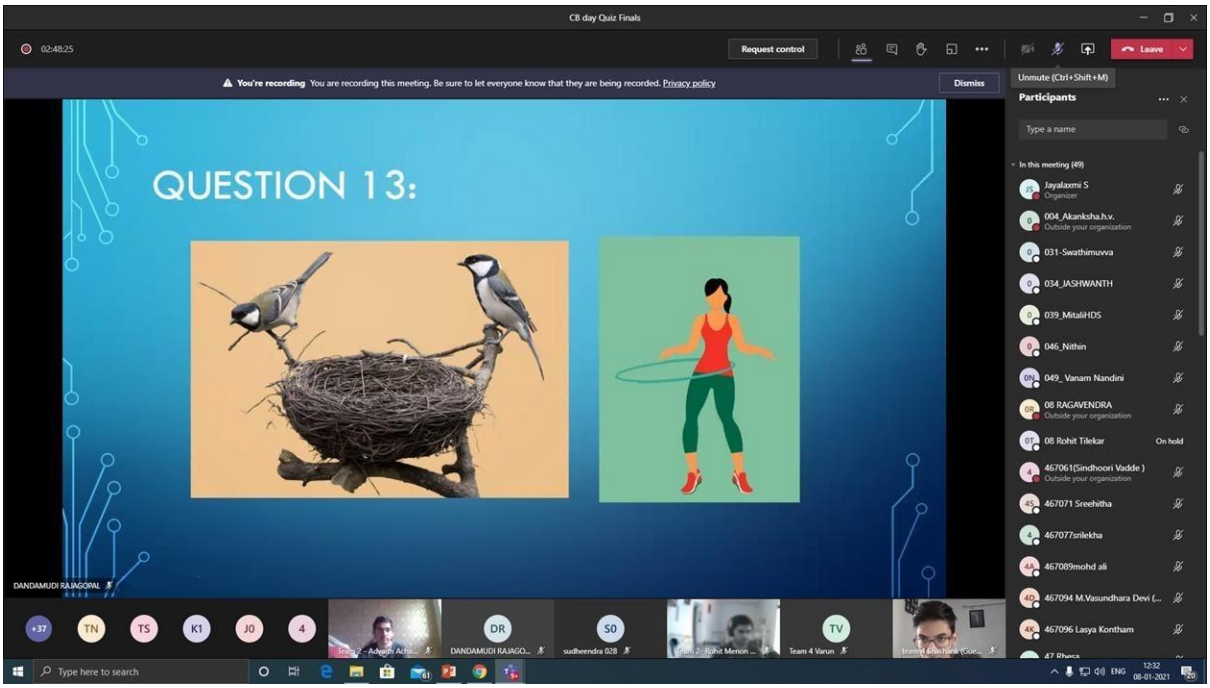
08-01-2021


CB day Quiz Finals
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Dismiss
QUESTION 13:
DANDAMUDI RAJAGOPAL
Participants
Type a name
In this meeting (49)
Jayalaxmi S
Organizer
004_Akanksha.h.v.
Outside your organization
031-Swathimuvva
034_JASHWANTH
039_MitaliHDS
046_Nithin
049_ Vanam Nandini
08 RAGAVENDRA
Outside your organization
08 Rohit Tilekar
On hold
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Outside your organization
467071 Sreehitha
467077srilekha
467089mohd ali
467094 M.Vasundhara Devi (...
467096 Lasya Kontham
DANDAMUDI RAJAGO...
sudheendra 028
Team 4 Varun
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ENG
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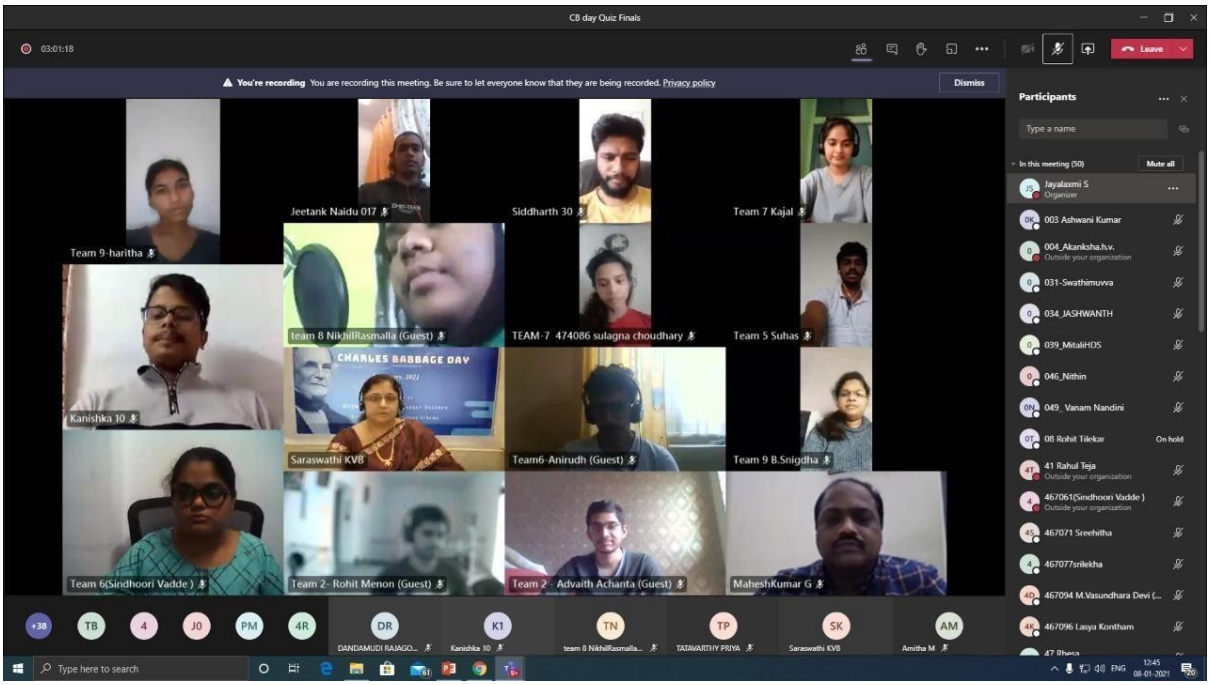
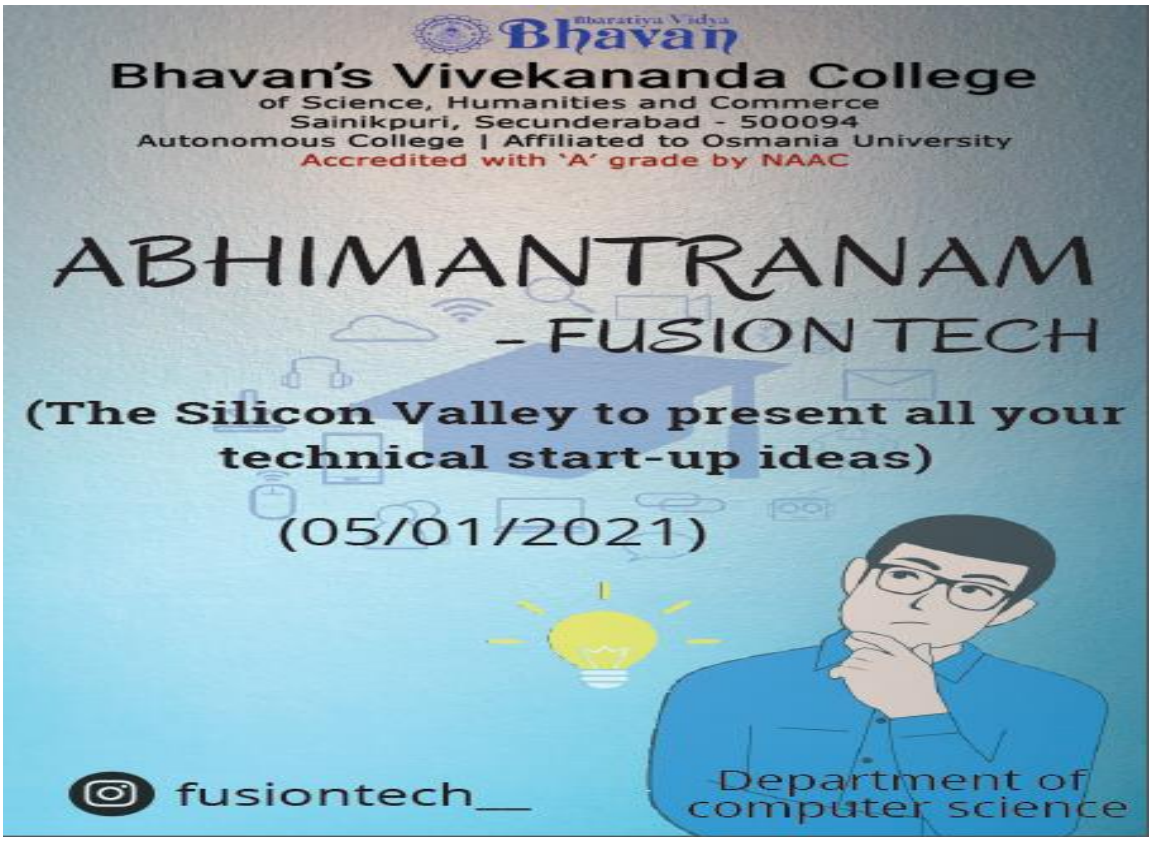
08-01-2021



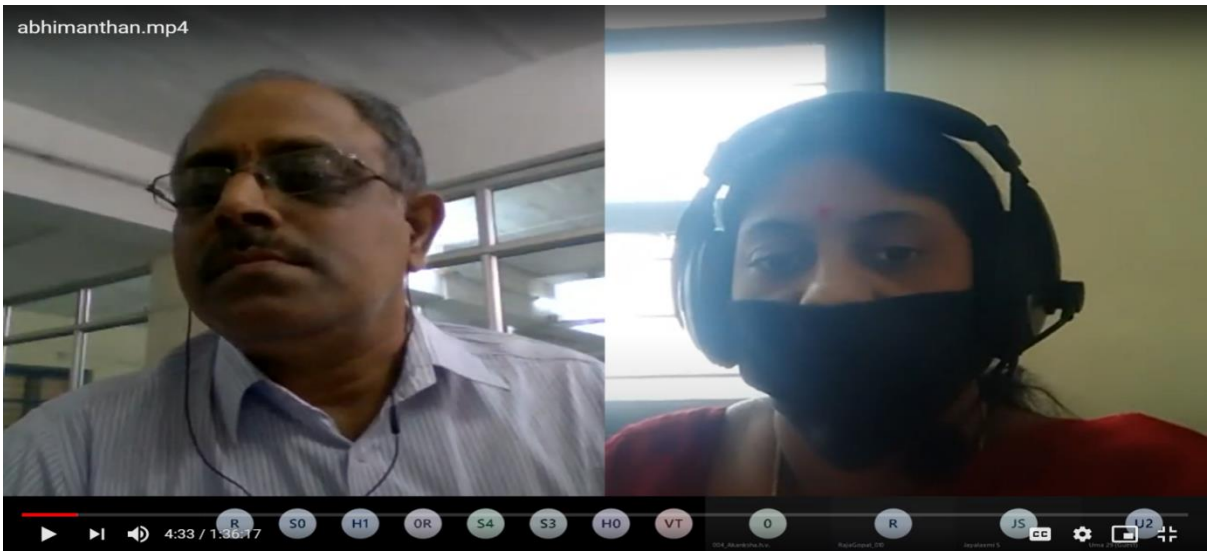
ABHIMANTRANAM EVENT



On 05 January 2021, Fusion Tech club has conducted its event "ABHIMANTRAM-The Silicon Valley for Start-up Ideas" for the upcoming event Charles Babbage Day on the Virtual platform TEAMS under the supervision Mrs. Jayalaxmi (Lecturer in Computer Science) and the Mr N Baskar (Lecturer in Computer Science dept.) who was the Judge for the event.

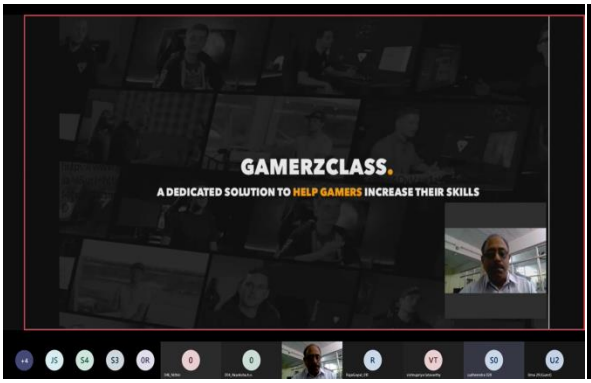
The program "**ABHIMANTRANAM**" was all about presenting their start-up ideas like solutions to the main problems which are faced by everyone in the society. The best idea will be further supported by the Team FusionTech and the lectures of the Computer Science Department.
Each and every team has presented their ideas very effectively in an efficient manner and then questionnaire session for each team who took part. The ideas presented by the students made judges so impressive and motivated them for the further process.
The best ideas are awarded on the day of Charles Babbage Day.

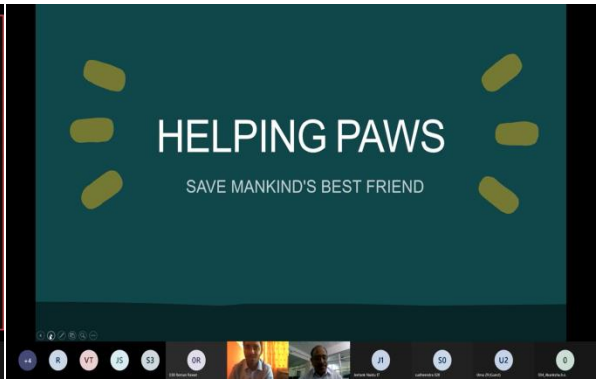
- Third Prize was backed by Vishnupriya and Rajagopal and their Startup ideas was **SKILL-UPGRAD**
- Second Prize was backed by Hareharan and Jagadish and their idea was **Find My Idea/Remote**
- First Prize was backed by Akanksha and NithinSriram and their idea was **HELP MEET**


abhimanthan.mp4
4:33 / 1:36:17

AMBULANCE DELAY LED TO ACCIDENT VICTIM'S DEATH, SAY WITNESSES
By Vinay Dalvi, Mumbai Mirror | Updated: Sep 9, 2020, 06:00 IST
Did you know ?
Healthcare and Traffic Control are the two major technology demanding sectors. Statistics voices out that, the rate of preventable deaths was 25.8% due to ambulance delays as of 2019. National Institute of Emergency Medicine (NIEM) revealed that more than 20 percent of patients, requiring medical care died solemnly due to traffic delays.

SKILL - UPGRAD
LEARN-EXPERIENCE-GROW


GAMERZCLASS.
A DEDICATED SOLUTION TO HELP GAMERS INCREASE THEIR SKILLS


HELPING PAWS
SAVE MANKIND'S BEST FRIEND

PICTURE HEIST

On 18th December and 19th December, the Fusion tech club of BCA conducted their first 2 rounds of their first event "**PICTURE HEIST**" for the upcoming Charles Babbage day. It was an intra-college competition held under the guidance of Mrs JayaLaxmi, (Lecturer in Computer Science) and G. Mahesh Kumar (BCA Coordinator and Assistant Professor in Computer Science).

PR's interacted and explained about the game and instructed all the rules clearly. The game was to identify the hidden objects from a picture displayed on the screen and ask them to find answers within the given time, timer was maintained by one of the club heads and the answers was submitted via Google form.

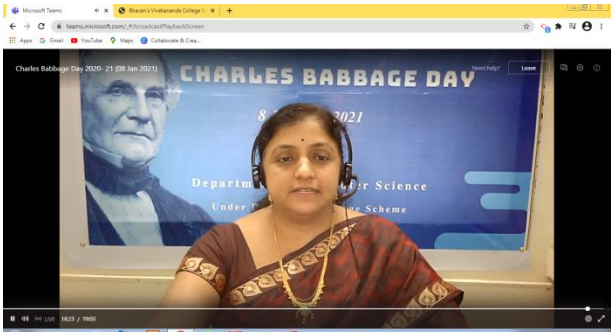
Students from various streams have actively participated with the great enthusiasm. The 1st round of "**PICTURE HEIST**" was conducted successfully and the top members were finalised for the

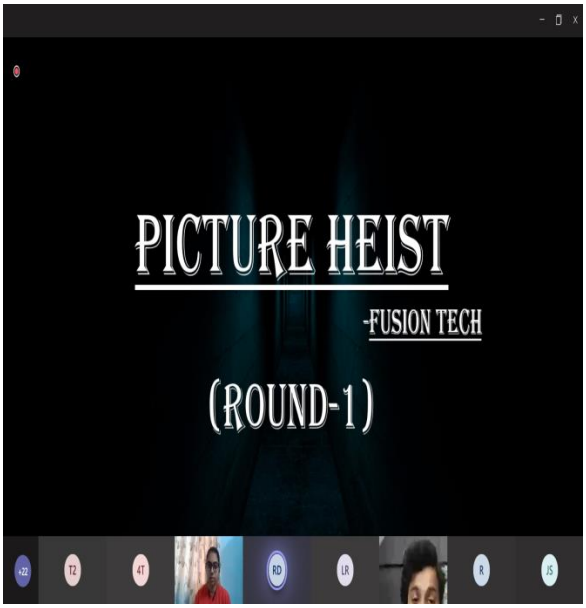
next round i.e., 2nd Round. Then the round 2 was followed on the next day, the finalists of first round are qualified for the second round and the finalists are participated very actively. Winners are declared based on the correct answers given within a short time.

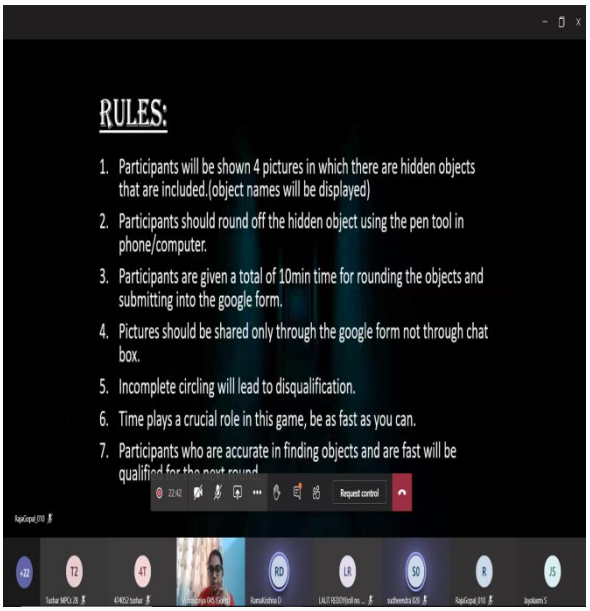
The Winners of the Picture Heist event are:

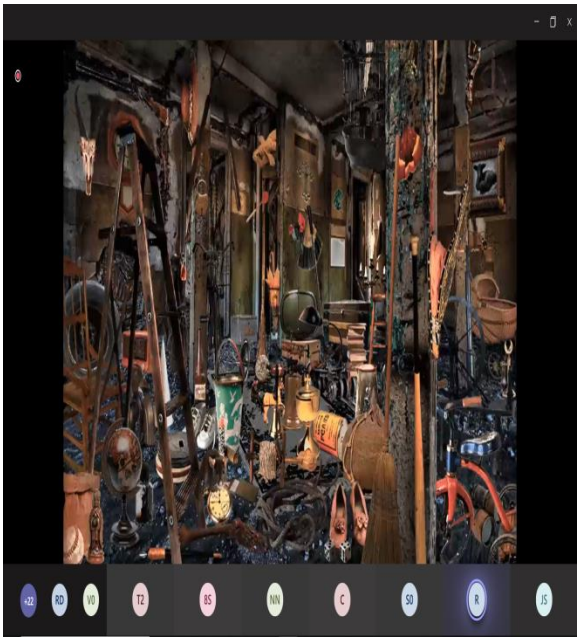
- Neha Niranjan from BSc Btgc secured 2nd Place

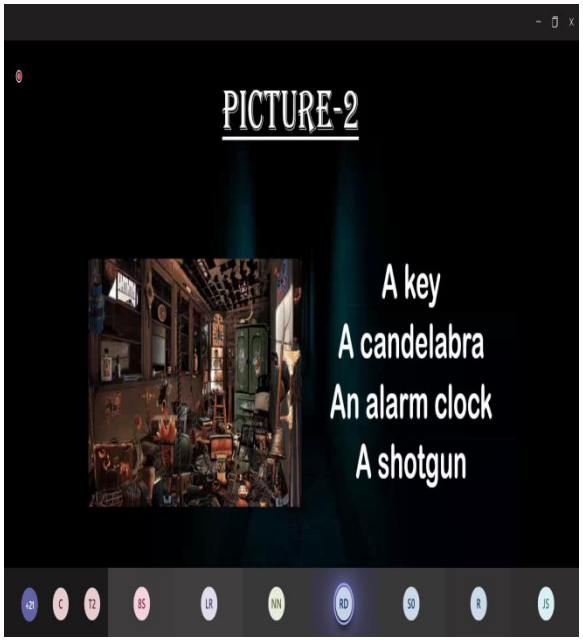
Arun Thomas from BSc Btgc secured 1st Place

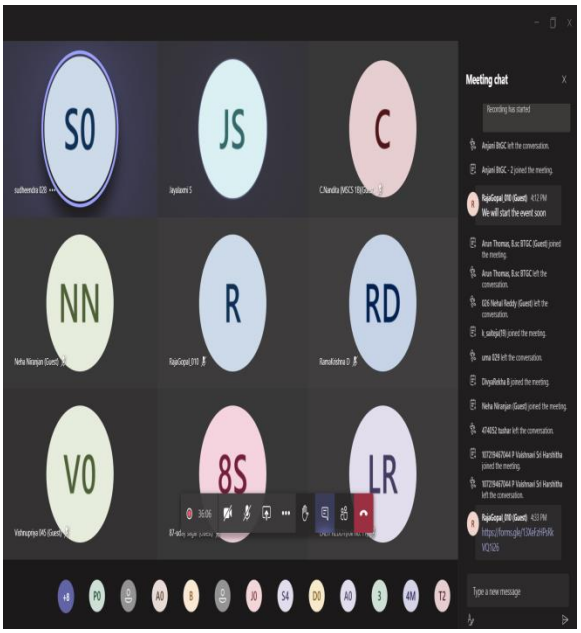



PICTURE HEIST
-FUSION TECH
(ROUND-1)


RULES:
1. Participants will be shown 4 pictures in which there are hidden objects that are included.(object names will be displayed)
2. Participants should round off the hidden object using the pen tool in phone/computer.
3. Participants are given a total of 10min time for rounding the objects and submitting into the google form.
4. Pictures should be shared only through the google form not through chat box.
5. Incomplete circling will lead to disqualification.
6. Time plays a crucial role in this game, be as fast as you can.
7. Participants who are accurate in finding objects and are fast will be qualified for the next round.
Request control




PICTURE-2
A key
A candelabra
An alarm clock
A shotgun


S0
JS
C
NN
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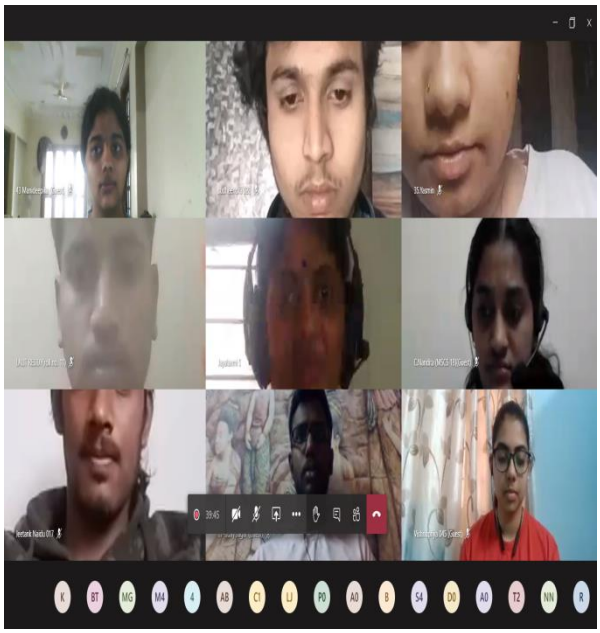
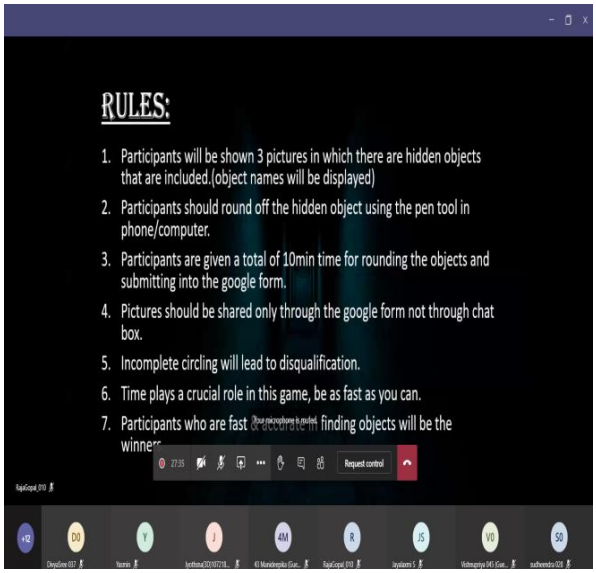
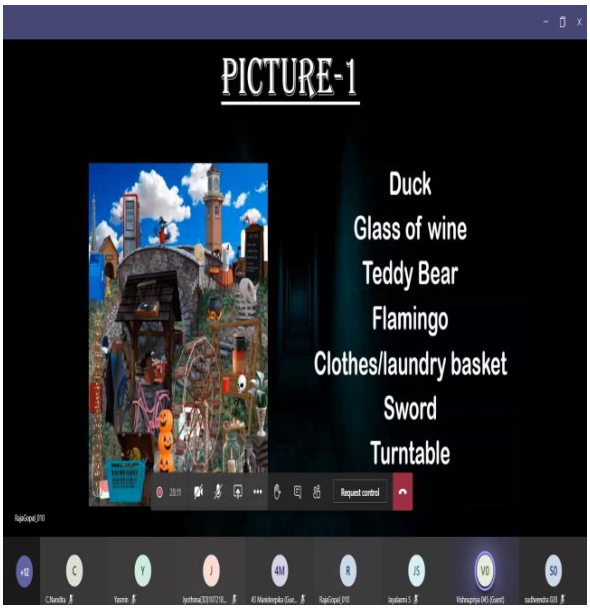
RD
V0
8S
LR
Meeting chat
Recording has started
We will start the event soon
Type a new message

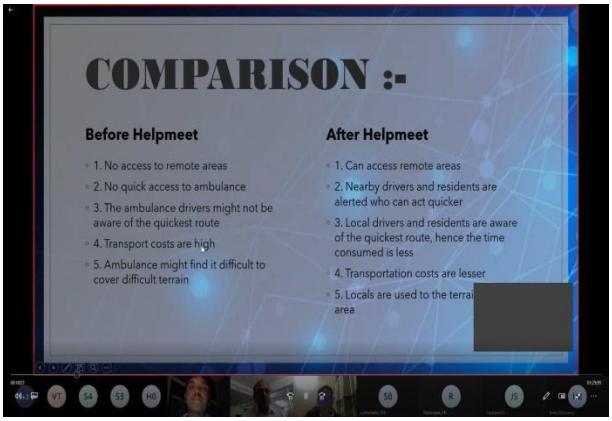


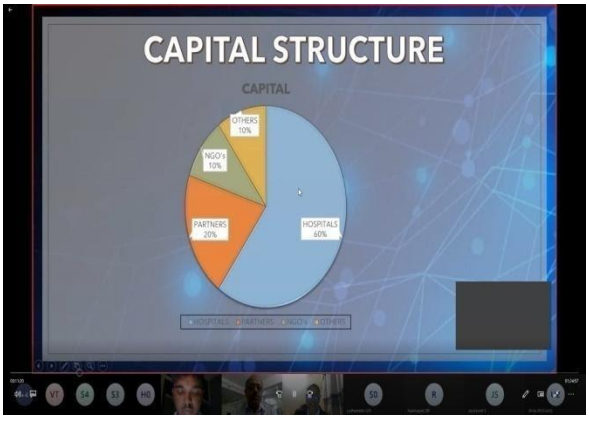
PICTURE HEIST
-FUSION TECH
(ROUND-2)
Request control


RULES:
1. Participants will be shown 3 pictures in which there are hidden objects that are included.(object names will be displayed)
2. Participants should round off the hidden object using the pen tool in phone/computer.
3. Participants are given a total of 10min time for rounding the objects and submitting into the google form.
4. Pictures should be shared only through the google form not through chat box.
5. Incomplete circling will lead to disqualification.
6. Time plays a crucial role in this game, be as fast as you can.
7. Participants who are fast & accurate in finding objects will be the winner
Request control


PICTURE-1
Duck
Glass of wine
Teddy Bear
Flamingo
Clothes/laundry basket
Sword
Turntable
Request control

R
8S
VO
NN
Y
C
4M
SO
JS


COMPARISON :-
Before Helpmeet
1. No access to remote areas
2. No quick access to ambulance
3. The ambulance drivers might not be aware of the quickest route
4. Transport costs are high
5. Ambulance might find it difficult to cover difficult terrain
After Helpmeet
1. Can access remote areas
2. Nearby drivers and residents are alerted who can act quicker
3. Local drivers and residents are aware of the quickest route, hence the time consumed is less
4. Transportation costs are lesser
5. Locals are used to the terra
area


CAPITAL STRUCTURE
CAPITAL
OTHERS 10%
NGO's 10%
PARTNERS 20%
HOSPITALS 60%
HOSPITALS
PARTNERS
NGO's
OTHERS

0
H0
R
H1
0
JS
S4
S3
0R
J1
R
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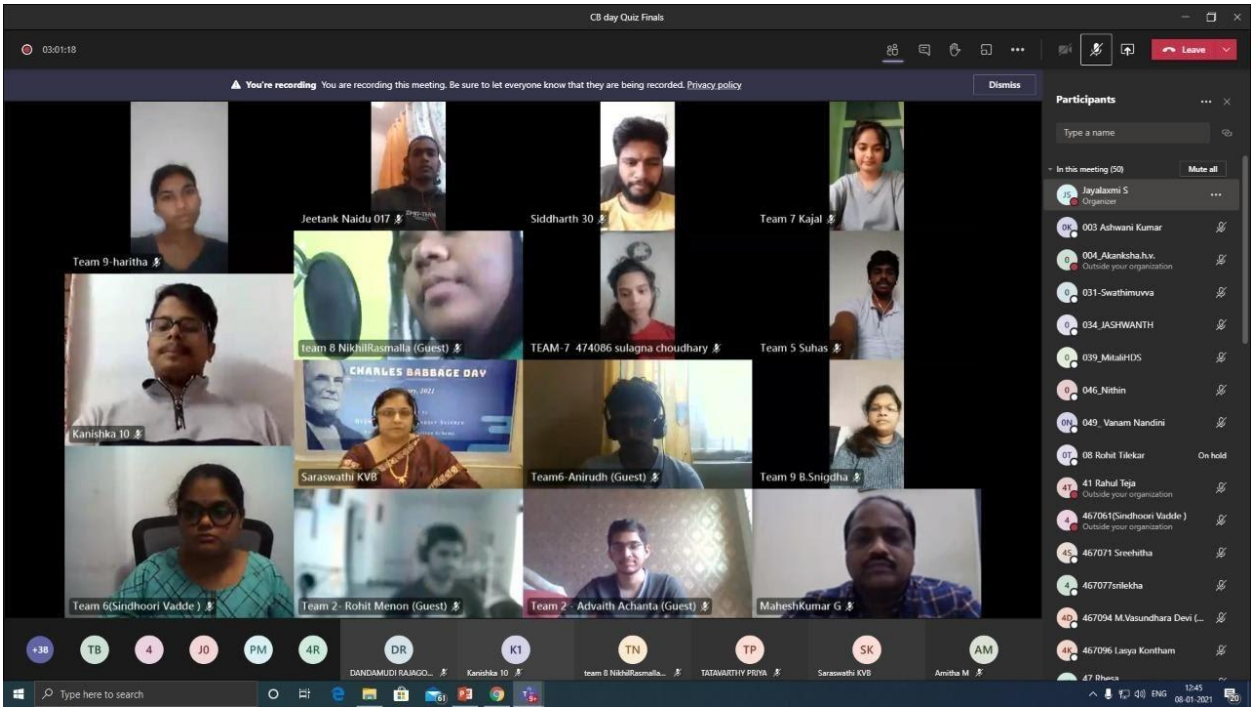
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004_Alankshа.h.v.
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039_MitaliHDS
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Jeetank Naidu 017
Siddharth 30
Team 7 Kajal
team 8 NikhilRasmalla (Guest)
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Team 5 Suhas
Kanishka 10
CHARLES BABBAGE DAY
Saraswathi KVB
Team6-Anirudh (Guest)
Team 9 B.Snigdha
Team 6(Sindhoori Vadde)
Team 2- Rohit Menon (Guest)
Team 2 - Advaith Achanta (Guest)
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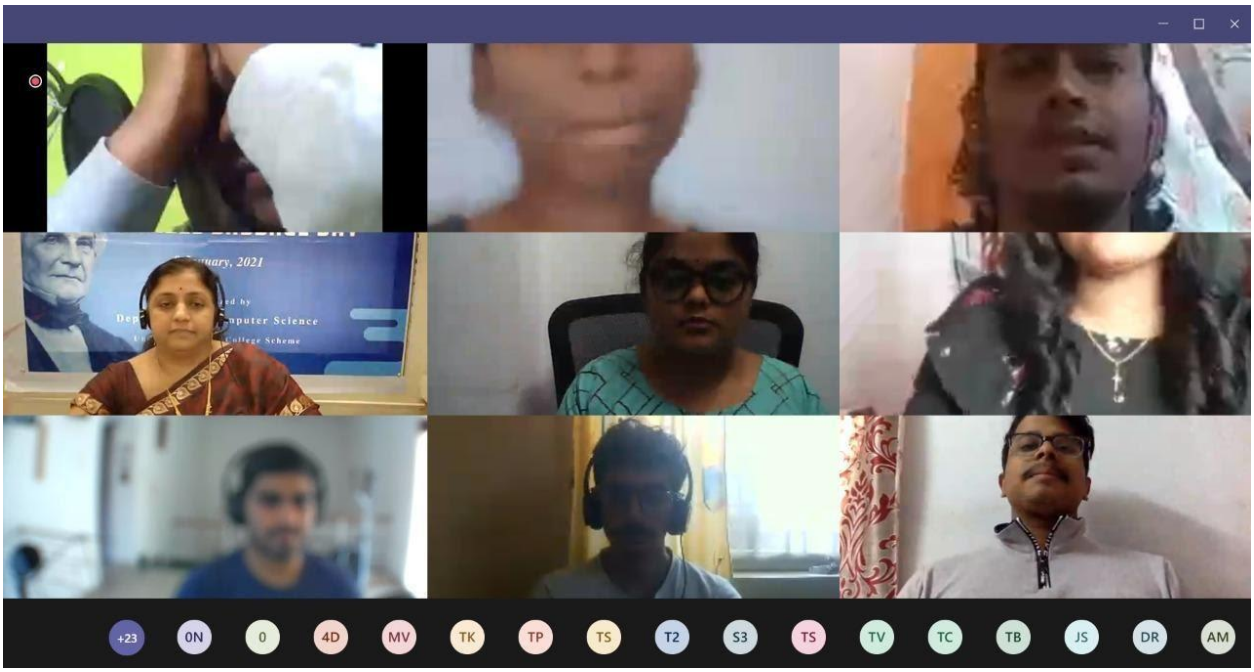
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International E-Conference on Advanced Computing Technologies(ICACT) – 2020

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Mr. G. Mahesh Kumar, Coordinator -BCA

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Contact Us

Mrs. KVB Saraswathi
Head Dept. of Computer Science
Convener-ICACT2020
hod.cs@bhavansvc.ac.in

Mr. N. Bhaskar
Coordinator - MSc(CS)
Co-Convener-ICACT2020
bhaskar.cs@bhavansvc.ac.in
Mobile: 9347983943

Mr. G. Mahesh Kumar
Coordinator - BCA
Co-Convener-ICACT2020
maheshkumar.cs@bhavansvc.ac.in
Mobile: 9849874907

Mrs. S.Jayalaxmi
Lecturer, Dept of Computer Science
jayalaxmi.cs@bhavansvc.ac.in
Mobile: 9989440261

Bharatiya Vidya Bhavan

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INTERNATIONAL E-CONFERENCE ON ADVANCED COMPUTING TECHNOLOGIES-2020

7th to 9th OCTOBER, 2020

Under DBT-Star College Scheme

Organized by

DEPARTMENT OF COMPUTER SCIENCE

BHAVAN'S VIVEKANANDA COLLEGE

Bhavan's Vivekananda College of Science, Humanities and Commerce, Sainikpuri, has a long standing record of pursuing a policy of excellence through a holistic approach to education.

Founded in 1993, it has, over a period of 27 years, established itself as an institution of renown. At present the college enjoys the status of being autonomous. Housed in sylvan surroundings, it has a faculty of 127 and over 3,600 smart, vibrant and talented students.

The college focuses on all-round development of students which includes academics, co-curricular & extra-curricular activities and sports with a vision to promote "Youth empowerment with culture, knowledge and strength of body and mind."

DEPARTMENT OF COMPUTER SCIENCE

The Computer Science department has been an integral part of the college since its inception. It started with one undergraduate course – B.Sc (Computers). As of now it offers B.Sc, BCA, B.Com (Computers), and M.Sc (Comp.Sci.).The department has a dedicated faculty of 30 members with commendable experience in teaching.

The main objective of Computer Science department is to provide the computer science students a platform to know, learn and bring awareness of the emerging trends in Computer Science and Information Technology.

ABOUT CONFERENCE

The International E-Conference on Advanced Computing Technologies-2020, aims to bring together leading academicians, scientists, researchers, industrialists, students to share their thoughts and ideas on Advanced Computing Technologies.

The basic intention of this conference is to accelerate your knowledge on the existing and upcoming technologies.

Themes for the conference have revolved around the latest Computing Technologies in different domains such as Cloud Computing, Block Chain Technology, Internet of Things, Artificial Intelligence, Robotics, Cyber Security, etc.,.

All honorable authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, full papers on the said topic, with domains of your interest of research. We have eminent and dynamic speakers to motivate the participants towards new computing technologies. The papers that will be published in the reputed publication will be the road-map that paves way towards the future. We expect the audience to access the deliverables of eminent speakers, from across different parts of the world and update their knowledge towards advanced computing technologies.

CONFERENCE TOPICS

- Cloud Computing
- Internet of Things – IoT
- Blockchain Technology
- Artificial Intelligence
- Cyber Security
- Big Data
- Robotics

Note: The Research topics are not limited to the above list and authors can submit their papers in the relevant fields and disciplines which are suitable for the above conference.

REGISTRATION FEES

Registration amount for publishing:
Scopus Indexed Journals:
Faculty/Research Scholars/Industrialists/Students(UG/PG): Rs.14000/-(per paper - maximum three authors per paper)
Note: *At least one of the registered authors can present paper in the conference.*

Web of Science Indexed Journals:
Faculty/Research Scholars/Industrialists/Students(UG/PG): Rs.8000/-(per paper - maximum three authors per paper)
Note: At least one of the registered authors can present paper in the conference.

Peer Reviewed Journals:
Faculty/Research Scholars/Industrialists/Students(UG/PG): Rs.800/-(per paper - maximum three authors per paper)
Note: *At least one of the registered authors can present paper in the conference.*

Registration amount for Paper Presentation only:
Faculty/Research Scholars/Industrialists/Students(UG/PG): Rs.500/-

Registration amount for Participation only:
Faculty/Research Scholars/Industrialists/Students(UG/PG): Rs.100/-

SUBMISSION GUIDELINES

- Abstract should include 5 keywords and should not exceed 250 words.
- The full paper should be of max 3000 words, typed in Ms- Word with 1.5 line spacing and font Times New Roman, size 12-pt with 1-inch margin on all sides.
- The Abstract/Full Paper should be mailed to : *icact2020@bhavansvc.ac.in*
- Title of the Paper, Authors Full Name, Designation, E-mail id and Name of the Organization should be mentioned clearly in the abstract and full paper.
- Selected Papers will be published in UGC Care listed Journals/Scopus Indexed Journals/Web of Science Indexed Journals.
- PPT should be presented online for which link will be provided through Whatsapp/Telegram/E-mail.

REGISTRATION DETAILS

Registration is Compulsory for Participation, Presentation and Publication of Papers.

PAPER SUBMISSION SCHEDULE (LAST DATE)

- Paper Abstract Submission: 05-09-2020 (Saturday)
- Abstract Acceptance Notification:07-09-2020 (Monday)
- Full Paper Submission: 14-09-2020 (Monday)
- Full Paper Acceptance: 18-09-2020 (Friday)
- Paper Registration Fee Payment and camera ready paper submission: 24-09-2020 (Thursday)

PAYMENT DETAILS

Online Payment should be made through NEFT
Name: HDFC
Branch: Kapra – Sainikpuri
Name of the Account: Bhavan's Vivekananda College of Science, Humanities and Commerce
Account No: 01261450000135
RTGS/NEFT IFSC Code: HDFC0000126

Note: **A screenshot of the online transfer receipt must be mailed to: *icact2020@bhavansvc.ac.in.***
The registration process will not be complete unless transaction details are received by us.

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Department of Computer Science

Coordially invites you

INTERNATIONAL E- CONFERENCE

ADVANCED COMPUTING TECHNOLOGIES-2020

7th to 9th October, 2020

UNDER DBT-STAR COLLEGE SCHEME

Programme Schedule

(as per IST)

7th October, 2020

10.00 AM : Inaugural Session

Chief Guest & Keynote Speaker

Dr. DVLN Somayajulu
Director, IIITDM Kurnool.

Guest of Honour

Dr. K. Shyamala
Professor, Dept. of CSE & Dean, Faculty of Informatics, Osmania University, Hyderabad

12.00 Noon : Paper Presentations - Session Chair
Prof. Poolla. R. K. Murti, Formerly with University of Hyderabad and NALSAR University of Law

02.30 PM : "Blockchain Technology Privacy, Security and Applications"
Mr. G. Mahesh Kumar
Asst. Professor, Dept. of Computer Science, Bhavan's Vivekananda College, Sainikpuri, Secunderabad, Telangana State, India.

8th October, 2020

10.00 AM : "Deep Learning Architectures for Adverse Drug Event Extraction from Heterogenous Information Sources"
Dr. Bharath Dandala
Research Staff Member- Watson EMRA, USA

11.00 AM : Paper Presentations - Session Chair
Dr. N. S. Chakravarty, Head, Dept. of Management Studies, Bhavan's Vivekananda College

01.00 PM : Paper Presentations - Session Chair
Prof. S. Jeelani, Director, Center for Distance and Virtual Learning, University of Hyderabad

03.00 PM : "IT Service Management, Service Delivery, and Security"
Mr. Clinton Randall IV
Senior Director, IT Service Management at Integral Consulting Services Inc., USA
innovative enterprise IT management professional leading Integral's Ivanti, CA and BMC Services practices

9th October, 2020

10.00 AM : "Introduction to Deep Learning and Applications"
Dr. Bapi Raju S
Professor, Cognitive Science Lab, IIIT Hyderabad

11.30 AM : Paper Presentations - Session Chair
Prof. M. V. Ramanamurthy, Head, Dept. of M&H, MGIT, Hyderabad

12.30 PM : Valedictory Program
Chief Guest
Dr.C.Goverdhan,
Associate Professor, Department of Mathematics, University College of Science, Osmania University, Hyderabad

Day-1:(October7,2020)

A 3-Day **International E-Conference on Advanced Computing Technologies- ICACT 2020** was organized by the Department of Computer Science of **Bhavan's Vivekananda College, Sainikpuri Secunderabad.**

The Inaugural Session of the conference began with a prayer invoking the blessings of Almighty. **Prof. Y Ashok, Principal,** *Bhavan's Vivekananda College*, welcomed all the national and international dignitaries invited for the conference along with the participants who had submitted their research papers to be presented at the conference. **Mrs. KVB Saraswathi,** *Convener*, gave the report on the Conference. She stated that there was a very good response in the number of papers received, both from National and International forums which would be published in very reputed Indexed journals such as - Scopus or Web of Science after they are subjected to review.

The **Chief Guest** for the Inaugural Session was **Dr. DVLN Somayajulu Garu**, *Director, Indian Institute of Information Technology, Design and Manufacturing, Kurnool, Andhra Pradesh*, a renowned academician. His session highlighted the importance of Artificial Intelligence, and its impact in the area of industry, education and other fields. He motivated the students towards Innovations in Artificial Intelligence and Machine Learning through RAISE-2020(Responsible Artificial Intelligence for Social Empowerment) initiated by the Ministry of Electronics and Information Technology in association with NITI Aayog. He also focused on the changes that were made towards education through National Policy-2020 to encourage the students towards research.

The **Guest of Honor** for the session was **Dr K Shyamala,** *Professor, Dept. of CSE, Dean, Faculty of Informatics, Osmania University, Hyderabad*. Her talk was very enlightening as she focused on the challenges being posed in terms of Data Security on Social Media.

The Inaugural session was followed by Paper Presentations in Track-I. Papers were presented on various topics such as Network Security, Wireless Networks, Big Data, Deep Learning, and Artificial Intelligence.

In the afternoon session, **Mr. G Mahesh Kumar**, *Assistant Professor, Department of Computer Science, and Co-Convener of the International E-Conference,* spoke at length on the topic "Blockchain technology- Security, Privacy and Applications".

The day's events concluded with this session.

Around 390 participants in the form of academicians, teaching faculty, research scholars and Industry Personnel took part on Day 1 of the conference.

Day-2: (October 8,2020)

The Day-2 of the International E-Conference on Advanced Computing Technologies (ICACT-2020) began with a prayer song, and a briefing on the events that were held on Day-1.

The Session-1 began with an eloquent introduction of the Speaker, Dr Bharath Dandala,

Dr. Bharath Dandala is a Research Staff member working for *Watson EMRA, USA*. He delivered an incisive talk on the topic "Deep Learning Architectures on Adverse Drug Event Extraction from Heterogeneous Information Sources". He discussed in detail about the Clinical Natural Language Processing, the software and the tools used for NLP and the role of Artificial Intelligence in Clinical and Drug Diagnosis.

The morning session was followed by two tracks of Paper presentations on topics related to : Data Mining, Artificial Intelligence, Cloud Computing, Internet of Things and so on.

The afternoon session also had an eminent International Speaker, **Mr. Clinton Randall IV,** *Senior Director, IT Service Management, Integral Consulting Services Inc., USA.* He spoke extensively on his area of expertise- "IT Services Management, Service Delivery and Security".

Both the sessions of the day were very insightful, bringing in the latest developments in the field of technology to the participants.

The Day2 of the E-Conference saw a participation of around 170 participants .

Day-3:(October 9,2020)

The Day 3 of the International E-Conference began with a lecture by **Dr. S Bapi Raju,** *Professor, Cognitive Science Lab, IIIT, Hyderabad on the topic "Introduction to Deep Learning".*

He focused mainly on Convolutional Neural Networks which could be applied to analyze visual imagery. He also elucidated on the shift invariant or space invariant artificial neural networks, based on their shared-weights architecture and translation invariance characteristics.

The Chief Guest for the Valedictory session was **Dr. C Goverdhan**, an Associate Professor in Mathematics at University College of Science, Osmania University. Mrs. KVB Saraswathi ,was the Convener of ICACT-2020, Mr. N Bhaskar and Mr. G Mahesh Kumar were the Co-Conveners who were present for the valedictory session.

The Day 3 of the e-conference had 214 participants .There were altogether 4- tracks of paper presentations for all the three days on topics like- Artificial Intelligence, BigT Data, Cloud Computing, Deep Learning, Machine Learning, Internet of Things, Cyber Security, Network Security and other related areas.

The program concluded with Vote of thanks.

Dharmavaram R...
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INTERNATIONAL E- CONFERENCE
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(UNDER DBT-STAR COLLEGE SCHEME)
7th - 9th OCT, 2020
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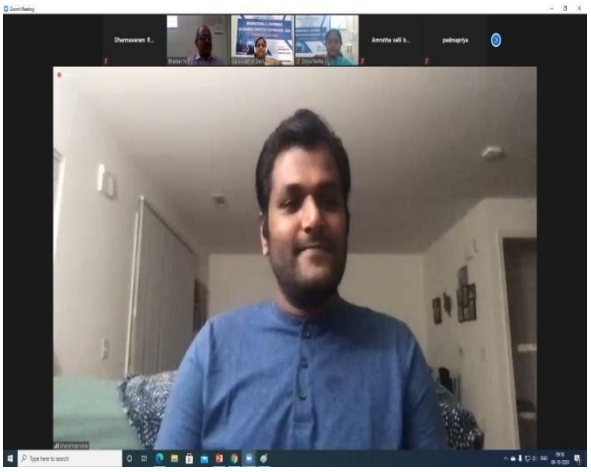
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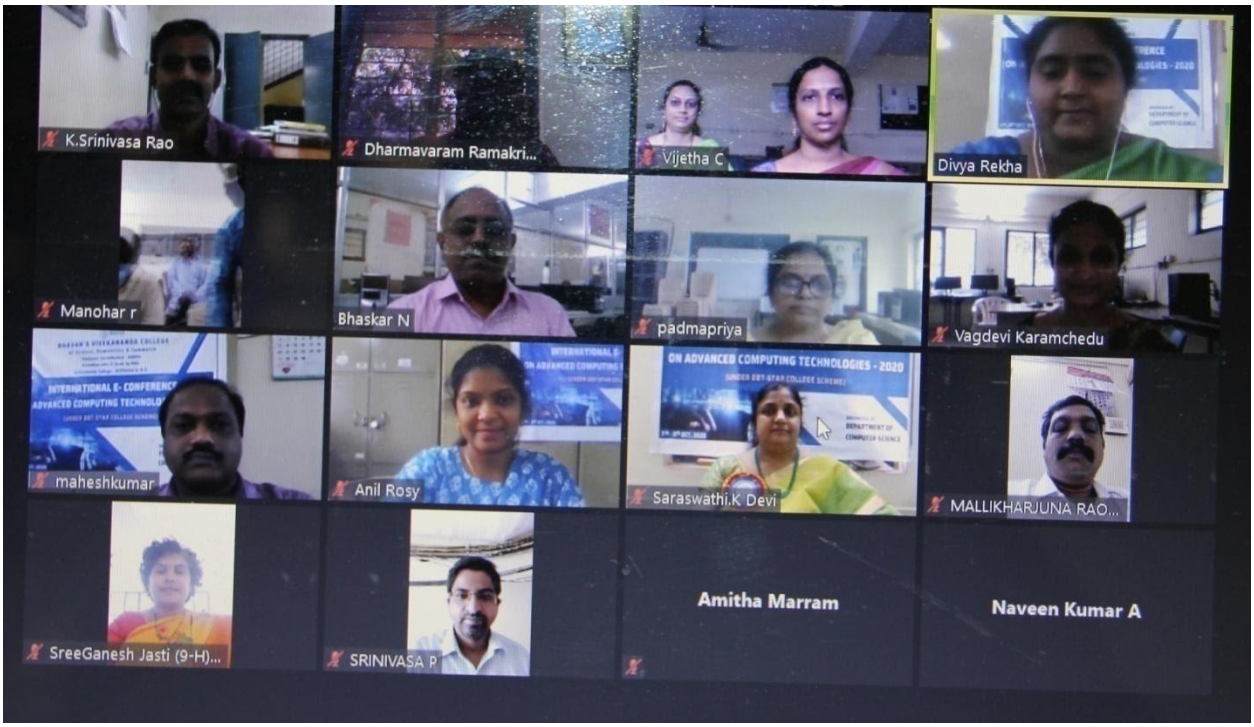
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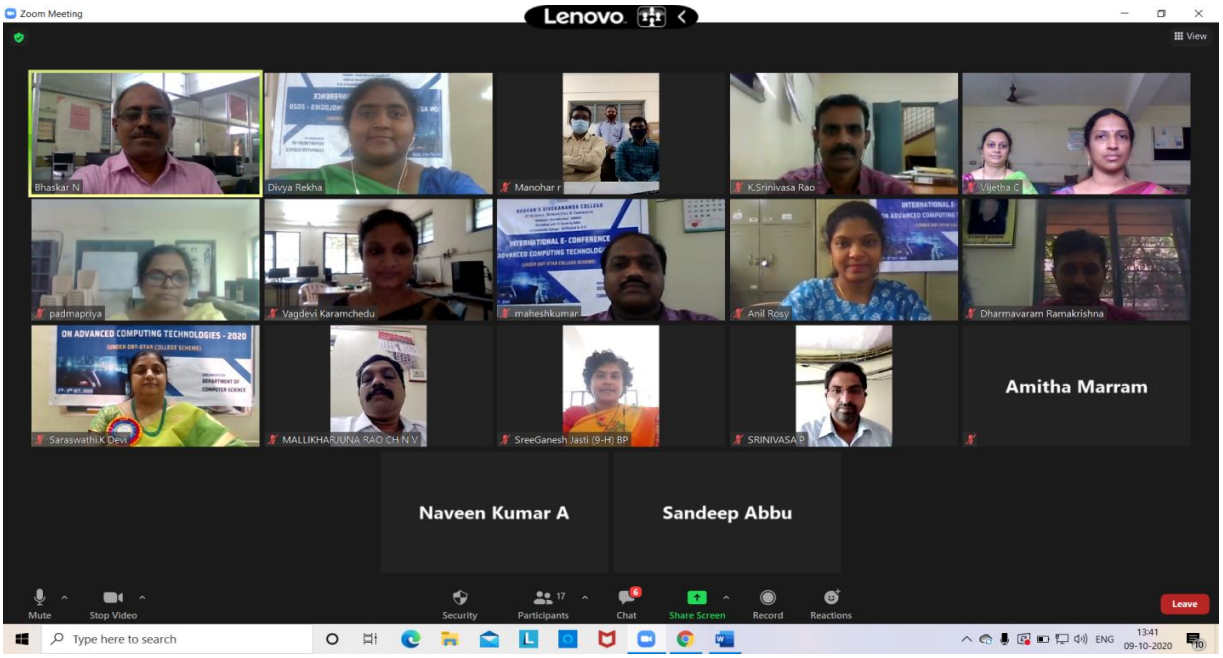
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Anil Rosy
Dharmavaram Ramakrishna
Saraswathi.K Devi
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SreeGanesh Jasti (9-H) BP
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Naveen Kumar A
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09-10-2020

Webinar on Android with SQLITE Database

Bharatiya Vidya Bhavan

BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE,HUMANITIES AND COMMERCE

SAINIKPURI, SECUNDERABAD-500094

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AUTONOMOUS COLLEGE, AFFILIATED TO O.U

Webinar on

ANDROID WITH SQLITE DATABASE

Hands on Learning of SQLite Database Connectivity with Android Programming

Saturday -18. 07.2020

12.30PM TO 1.30PM

Who Can Participate

Any Student familiar with the basics of Android Programming

NO REGISTRATION FEE

PLATFORM MICROSOFT TEAMS

SPEAKER

ANAND JALA

ASSISTANT MANAGER AT KFINTECH PVT LTD

ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE

Registration link

https://forms.gle/xrLJADCkEfhQxBmU8

Telegram link

https://t.me/joinchat/Sn5UoFkYrkKYIKOSwdqRDw

CONTACT DETAILS

Mr. D. Ramakrishna
Department of Computer Science
9014673826

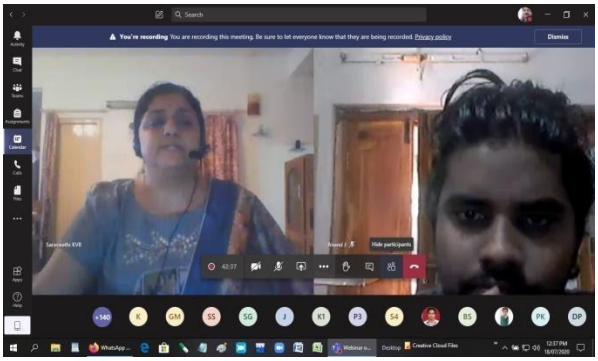
Mr. CH. N. V. Mallikarjuna Rao
Department of Computer Science
9347627325

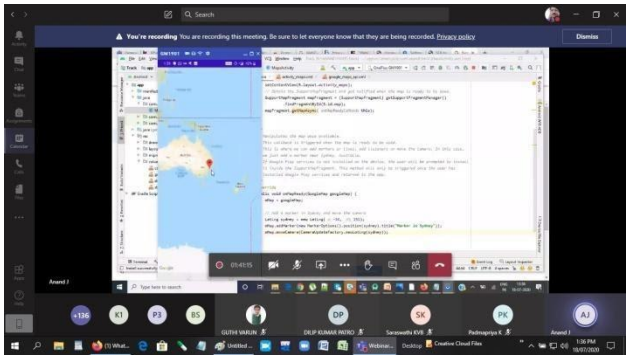
Computer Science Department has conducted Webinar for students using Platform Android on July 18th 2020. There were around 208 Registrations for Android Webinar and 135 Participants have participated. We had the opportunity of displaying all the previous Years Android Course Visuals at 12.00 Noon. In continuation, we have gone through the Session Rules & Regulations, which are a must to maintain and Observe discipline. Mr. Dillip Kumar Patro has introduced on the ongoing Online Android Course and its snapshot in a short Brief and also Mr. Dillip has given the outcome of the Webinar at 12.30 pm.

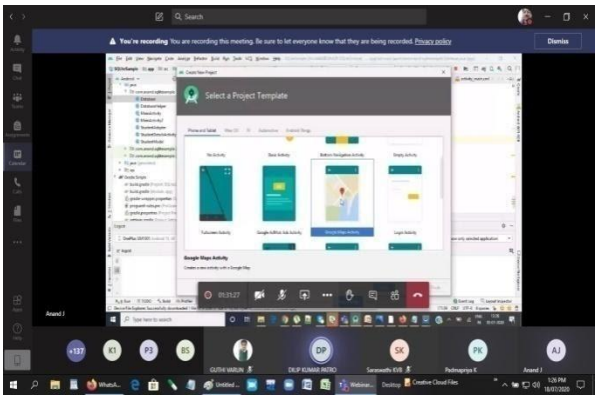
Mr. Dillip has requested Ms.SaraswatiMam (HOD-Computer science) to address all the Participants. HOD madam has briefed about the history, Facts of Android and expressed the current scenario of the Present Android Platform. Mr. Dillip has introduced the speaker Profile Mr. Anand Jala –Asst Manager at KFINTECH PVT LTD and shared information about the speaker.

The speaker Mr. Anand Jala began the session by Introducing SQLITE Database with Android Studio to all the participants. Speaker also shared Valuable information on the various methods to be used in Android Studio. The speaker also shared important Information about google Maps activity being used in Android Studio.

Thereafter Mr. Shiva had the opportunity to summarize all the whole session. Mr. Shiva has also collected all the questions from Participants and got them clarified with the speaker and the session was summarized. Mr. Shiva has finally given the Vote of Thanks to The Institute, The Speaker, Department of computer science and all the crew members. The E- Certificates were also sent to all the Participants with the help of their Feedback forms.



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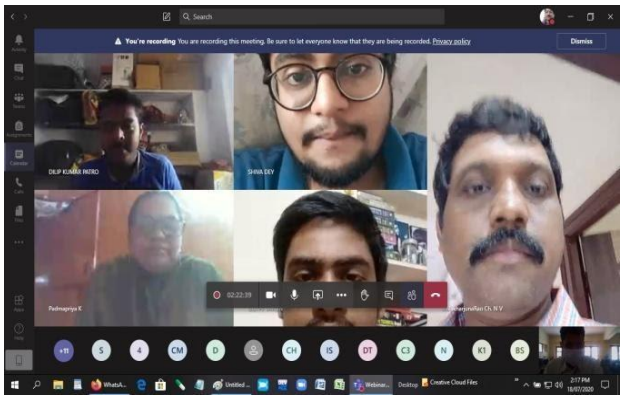
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