



KCG College of Technology
Karapakkam, Chennai-600 097

DEPARTMENT OF
INFORMATION TECHNOLOGY



TECHNICAL EVENTS
CONDUCTED BY STUDENTS
ACADEMIC YEAR: 2020-21

Techno web series 2020

Aim:

The aim of this workshop is to enable the participants (second year students of IT Department) to understand and create their own websites using wordpress, HTML, CSS, Javascript and Web api by including intensive teaching, quizzes and assignments.

KCG
COLLEGE OF TECHNOLOGY

iT information
Technology

Department of Information Technology
organizes

**TECHNO
WEB SERIES
2020**

LEARN, DESIGN AND DEVELOP
Create your stunning websites
and elegant Web apps

SATURDAYS
Starting from 1st August, 2020.

E-certificates will be provided.
Contact: 9629001964 or 9750481619.

You're invited!.Join us live!

Coordinator:

Dr. R. Anand

Trainers:

1. Ms. Mahalakshmi.B. – (Leader)
2. Mr. Krithik Roshan.R.
3. Ms. Ellora Jeya Suji.J.
4. Ms. P. Lavanya
5. Mr. S. C. Mohanraj
6. Ms. PadmaPriya. R.
7. Ms. Rajeshwari.M.
8. Ms. Rajeswari.M.
9. Ms. Sushmitha.R.S.
10. Ms. Swetha Murugan
11. Ms. Ramya.S.

Course of actions:

This workshop was planned for 4 weeks (only on Saturdays – 2hrs per session).

- **Week 1:**

Topics of the week:

Understanding Wordpress tool,changing themes In Wordpress,adding blogs,changing menus.Creating a websites using wordpress.

Take aways of the week:

Able to create website and blogs in the Wordpress.

- **Week 2:**

Topics of the week:

HTML basics,Tags,list,frames video,udia,forms
CSS properties,Animations

Take aways of the week:

Recalling HTML tags,CSS

- **Week 3:**

Topics of the week:

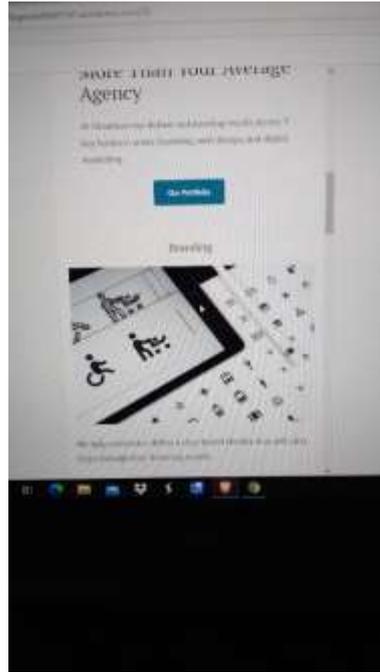
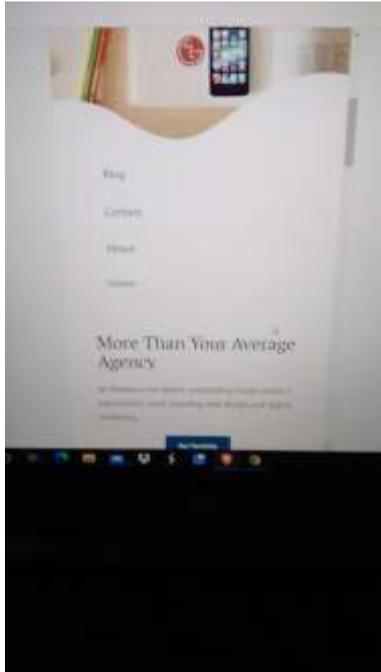
Javascript basics,JSON data,jQuery selectors,extending chatbot using nlp api,Creation of chatbot

Take aways of the week:

Building a chatbot

- **Week 4:**

Topics of the week:



Quiz results:

<https://docs.google.com/spreadsheets/d/1iHaBNsLhPVRnGb714qKm kYMd2Fb0pQ-SvxHTxxcV7RA/edit?usp=sharing>

Feedback from participants:

<https://docs.google.com/spreadsheets/d/10vegSEFhhthTArRQ cXlcS8Jb0GsgPjOFM4jk8DL06G4/edit?usp=sharing>

Week 2:

Conducted on: 08/08/2020

Conducted by:

Ramya.S,Kirthik Roshan,Swetha,Rajeshwari

Participant Absentees: Hariharan.E, Haritha Ravikumar

Points of Discussion:

All topics were dealt. Due to shortage of time, only quiz was conducted. Here are few clips taken during the teaching.

This screenshot shows a Zoom meeting window. The main content area is split into two panes. The left pane contains a code editor with the following HTML code:

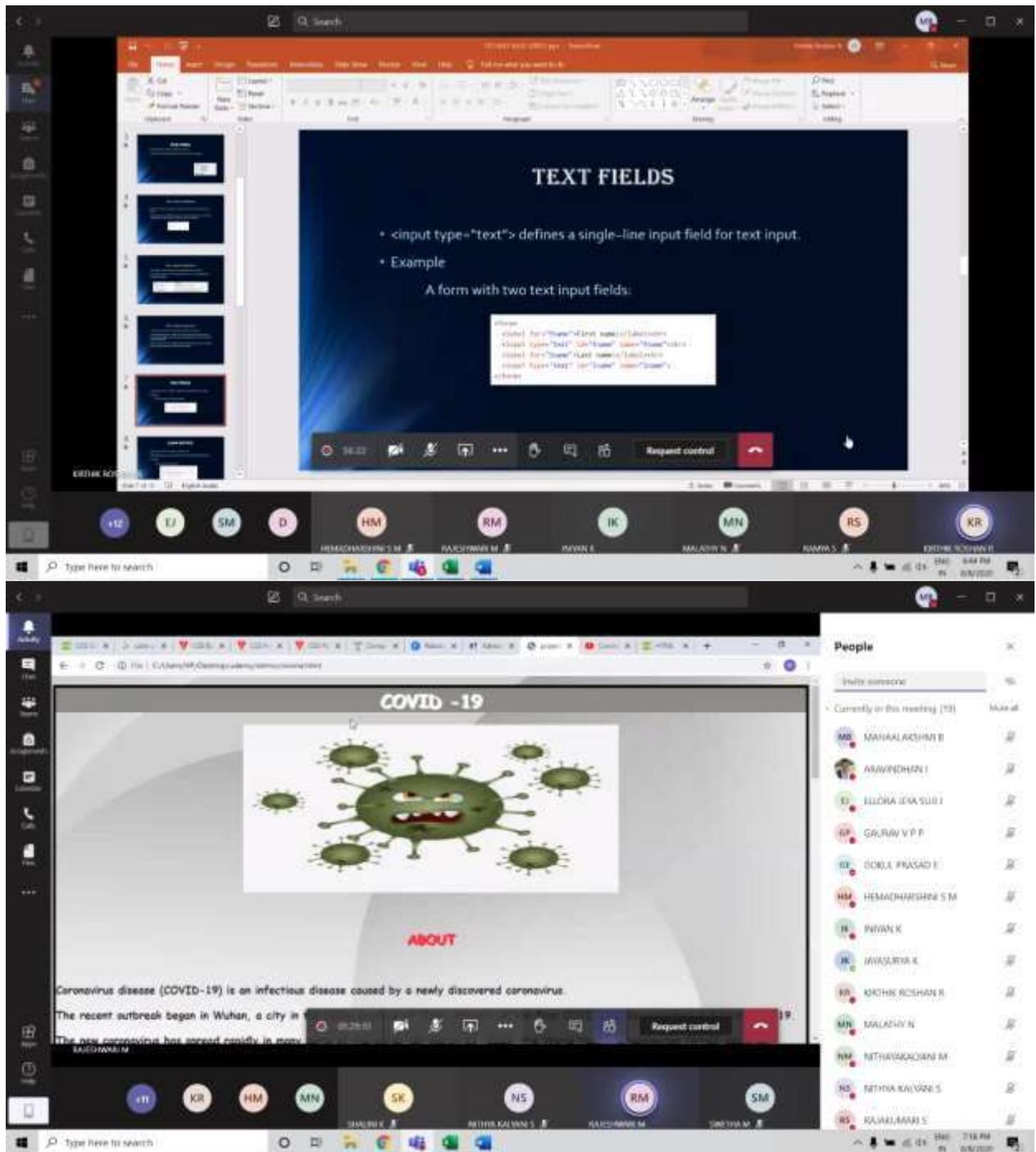
```
<!DOCTYPE>
<HTML>
<body>
  <video controls>
    <source src="movie.mp4" type="video/mp4">
    Your browser does not support the video tag.
  </video>
</body>
</HTML>
```

The right pane shows a video player displaying a landscape scene of a mountain range. The video player has a progress bar at the bottom showing 0:00 / 0:00. The Zoom interface includes a top navigation bar with icons for chat, share, and mute. At the bottom, there is a participant bar with icons for +M, KR, SM, D, AM, IK, HM, MN, and RS. A 'Request control' button is visible in the bottom right of the meeting area.

This screenshot shows a Zoom meeting window, similar to the one above, but with a 'People' list visible on the right side. The code editor and video player are still present in the main area. The 'People' list is titled 'People' and includes an 'Invite someone' button. Below that, it shows 'Currently on the meeting (22)' with a list of participants:

- MH MAHAARSHMI B
- AM ABHIR E M
- AN ANANDIAN I
- M BANDI ALEX S
- D Deepak
- E ELORA IENA SIB I
- GP GARWA V P P
- GE GOKUL PRASAD E
- HM HEMACHARSHRE S M
- IK INYANK
- JK JAYASURIA K (On hold)
- JE JETWARIANAN E
- ER ERTHIK ROSHAN R

The Zoom interface elements, including the top navigation bar and the bottom participant bar with icons for +M, SM, D, AM, IK, HM, MN, and RS, are also visible.



Quiz Results:

https://docs.google.com/spreadsheets/d/1t0TWmp_RtNIBeGf48CZMnFymvIZVAGXUOQlvt9o93AU/edit?usp=sharing

Feedback from Participants:

<https://docs.google.com/spreadsheets/d/1YnXuwmlzJCW1OIVipT30Cp2nFkKhvHugdvgvKHgBBaU/edit?usp=sharing>

Week 3

Conducted on: 31/08/2020

Conducted by:

Ramya.S, Lavanya.P, Kirthik Roshan.R, Mohanraj S.C(had mic issues so Ramya took his part)

Participant Absentees:

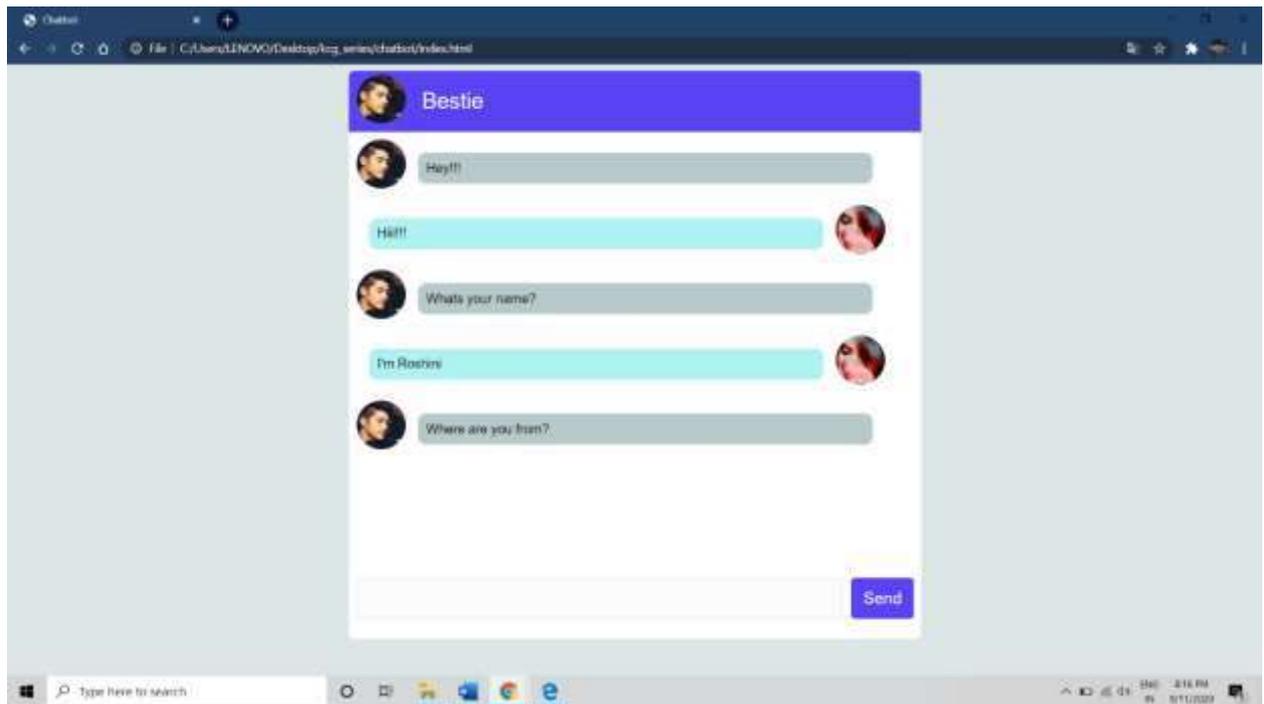
Abishek.E.M, Bandi Alex.S, Hariharan.E, Haritha Ravikumar,JayaSurya K,Jeevahariharan B.

Points of Discussion:

This week started with introduction of Javascript basics. Then moved to JSON.Everything was combined and used to create a chatbot. We also dealt with different types of chatbot.Brief explanation on how to create chatbot was explained.

By the end of this session,participants will be able to create a chatbot like the one below.





Quiz Results:

https://docs.google.com/spreadsheets/d/1TUnYXsbOxuouY_wwsf4ngcAGFKa9K9VFG79RmWIRrE/edit?usp=sharing

Feedback from Participants:

<https://docs.google.com/spreadsheets/d/12ATHdKh35z7tIEwct3EmlNB-yEN-9ScZCI491SHJIN8/edit?usp=sharing>

Week 4

Conducted on: 05/09/2020

Conducted by:

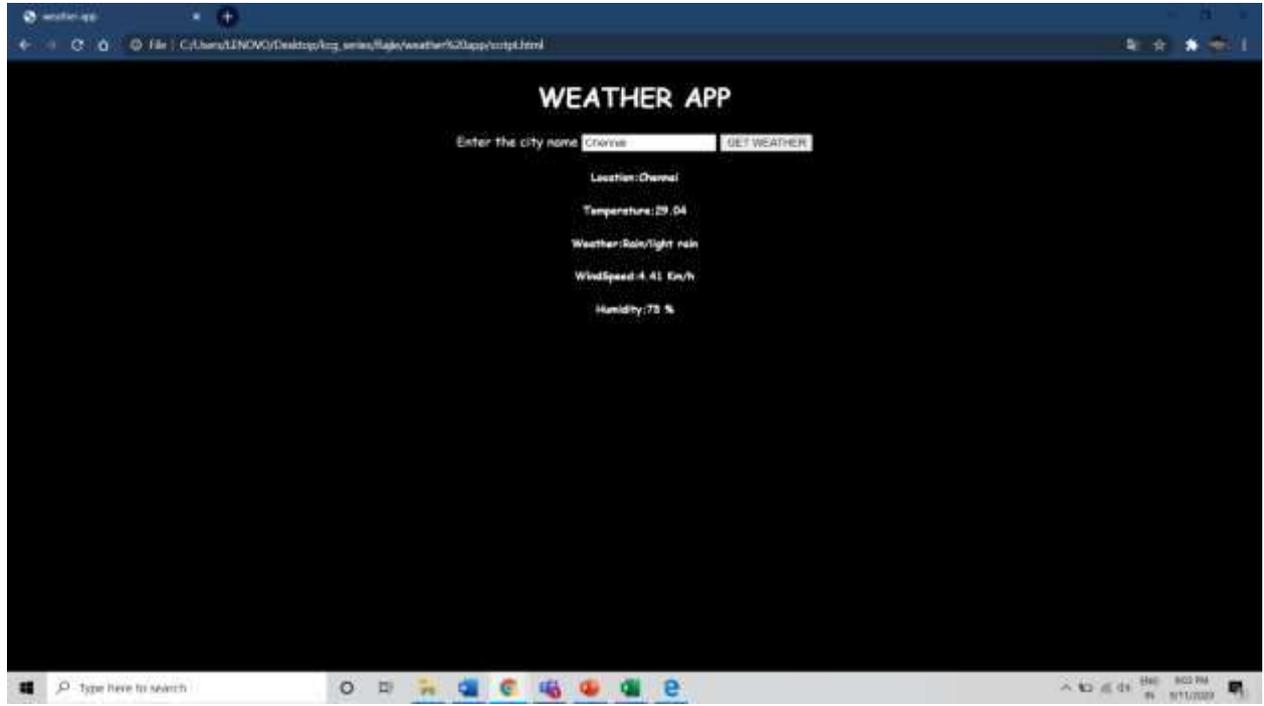
Rajeswari.M, Padmapriya.R

Participant Absentees:

Abishek.E.M, Bandi Alex.S, Hariharan.E, Haritha Ravikumar,
Iniyan K

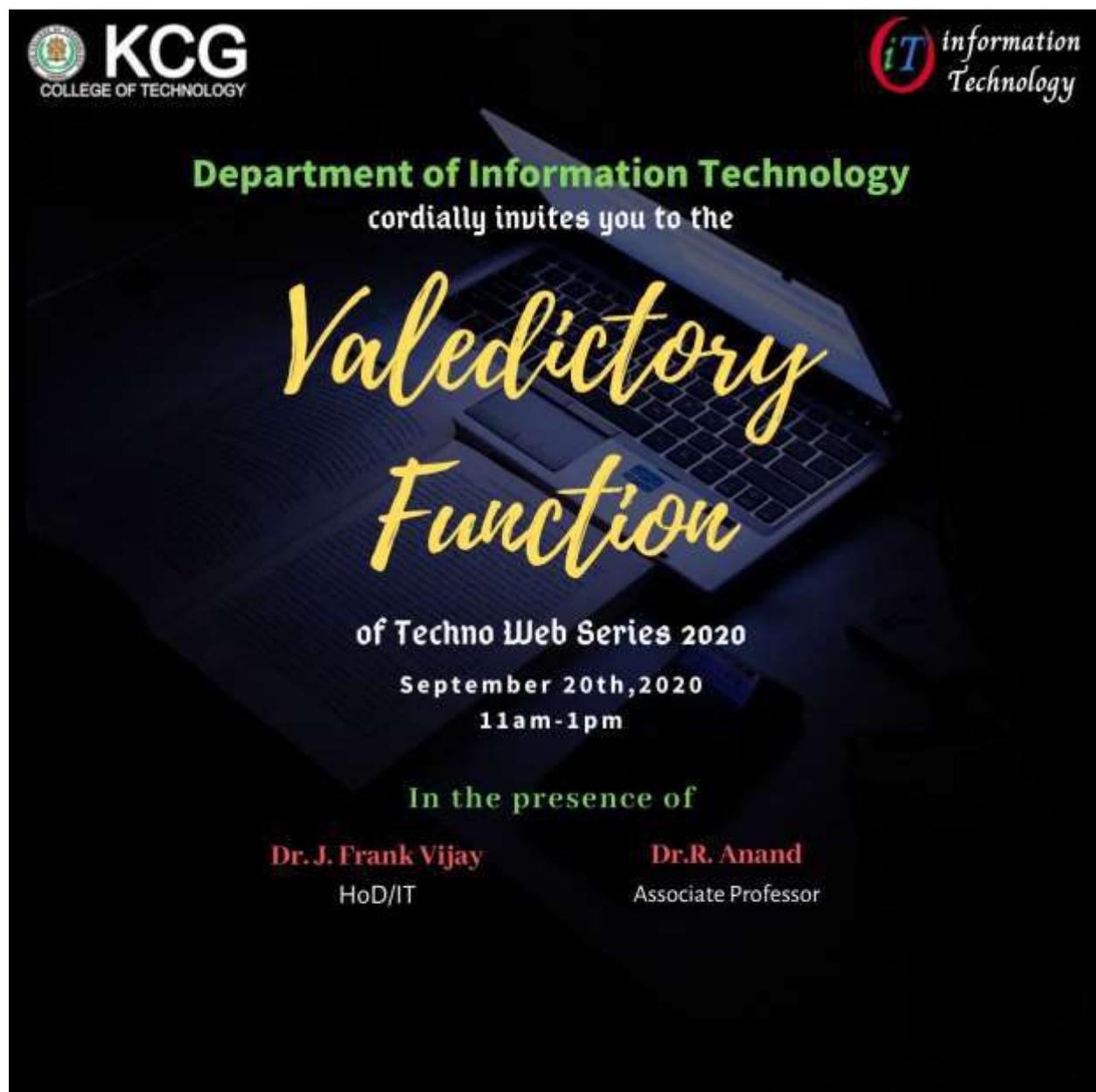
Points of Discussion:

Trainers started with introduction of web api and need of api, then explained about weather app. By the end of this session, participants will be able to create a weather app like the one below.



Valedictory Function:

Date: 20th September,2020

The poster features a dark background with a glowing laptop in the center. The text is arranged in a structured layout. At the top left is the KCG College of Technology logo. At the top right is the iT Information Technology logo. The main text is centered and reads: 'Department of Information Technology cordially invites you to the Valedictory Function of Techno Web Series 2020 September 20th,2020 11am-1pm'. Below this, it says 'In the presence of' followed by the names and titles of two individuals: Dr. J. Frank Vijay (HoD/IT) and Dr. R. Anand (Associate Professor).

 **KCG**
COLLEGE OF TECHNOLOGY

 *information
Technology*

Department of Information Technology
cordially invites you to the

*Valedictory
Function*

of Techno Web Series 2020
September 20th,2020
11am-1pm

In the presence of

Dr. J. Frank Vijay
HoD/IT

Dr.R. Anand
Associate Professor

Order of Events:

1. Welcome Speech

Ms. Mahalakshmi.B., welcomed Dr.J. Frank Vijay – HoD – IT & Dr. R. Anand – Associate Professor, third year students and second year students for valedictory function. She thanked the department for this initiative and mentioned that third year students have learnt a lot during this training.

2.Project Demo, overview and review by second year students

Second year projects were presented by each team and was judged by the panel members (Dr.J.Frank Vijay and Dr.R.Anand) .

Team 1

Saranya P

Shalini K

Theme: Flappy bird game

<https://technowebseries.github.io/Team1/>

Team 2:

Aravindhan I

Iniyan K

Mark Antony G

Theme: Hovering Rainbow and clouds

<https://technowebseries.github.io/Team2/>

Team 4:

S.Nithya Kalyani

Malathy P

Theme: Tic Tac Toe

<https://technowebseries.github.io/Team4/>

Team 5:

Lokesh S

Gaurav V.P.P

Theme: Quiz+Calculator

<https://technowebseries.github.io/Team5/>

Team 6:

M.Nithya Kalyani

Haritha Ravikumar

Theme: Voice Bot

<https://technowebseries.github.io/Team6/>

Team 7:

Rajakumari S

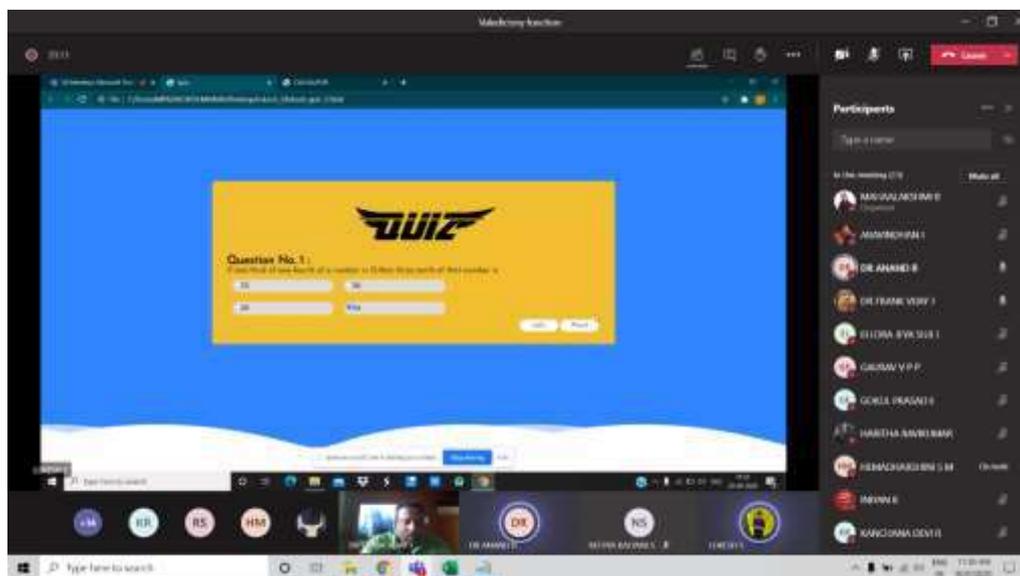
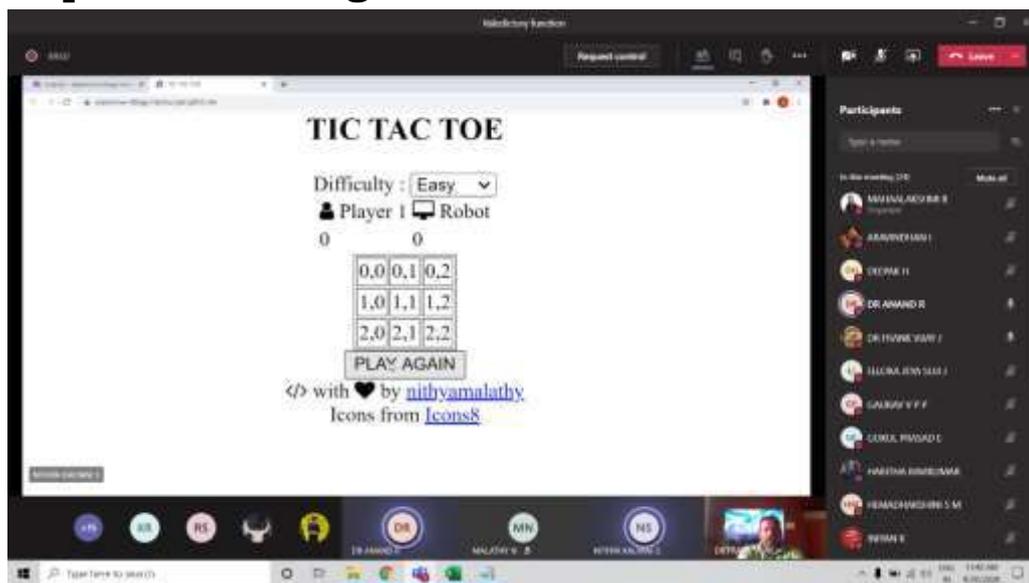
Kanchana Devi

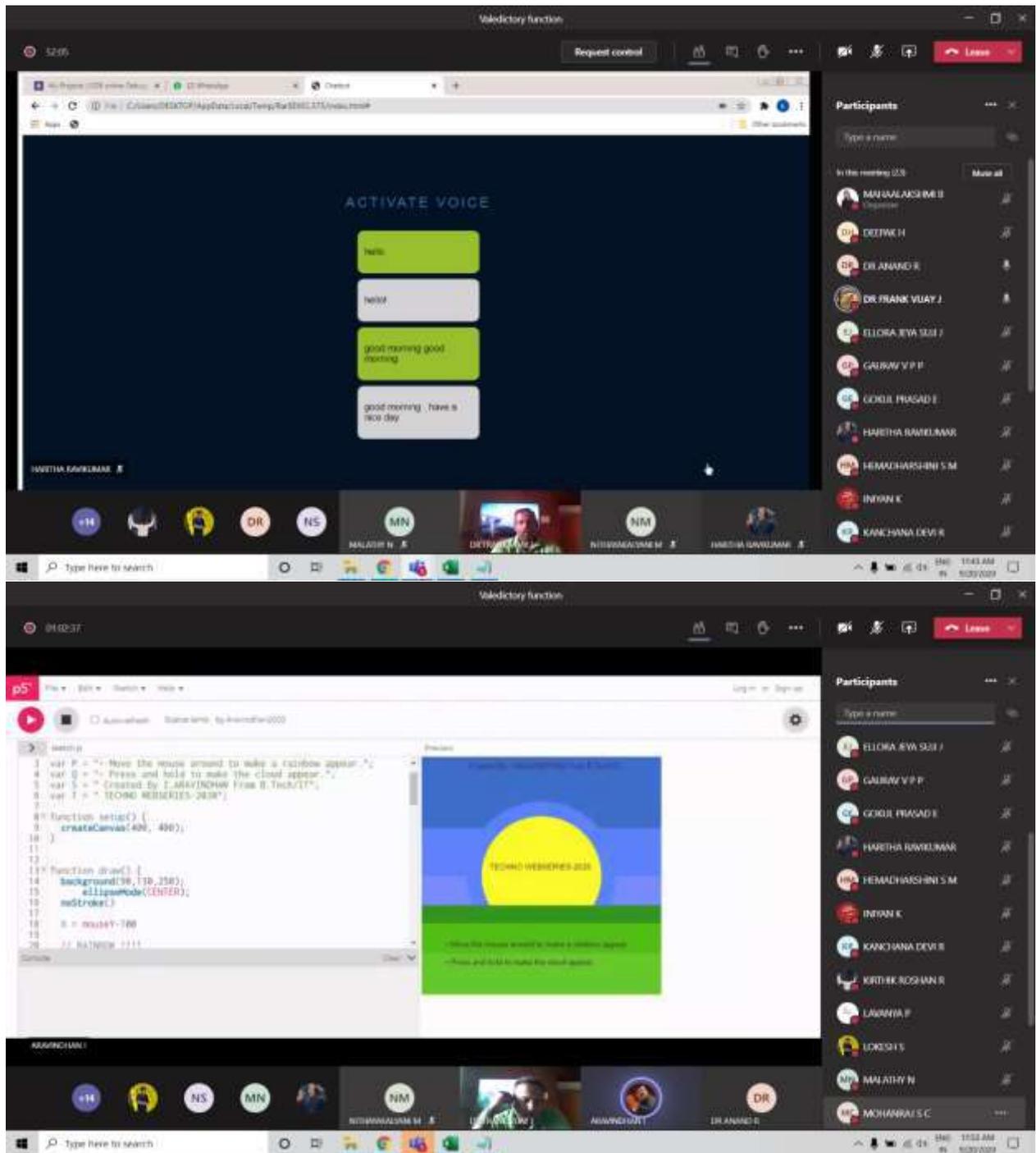
Hemadharshini

Theme: BMI Calculator

<https://mybmi-1.glitch.me/>

Clips taken during the session:





3.Address by HoD

HoD appreciated the efforts put by third year students to train their juniors in a very professional way. He also explained importance of online courses and suggested various ways to improve the skills.

4.Speech by Dr.R.Anand

Dr. R. Anand appreciated the students for their involvement in developing small projects and he also announced the results.

Winners were announced

1st Prize: Team 6 (M.Nithya Kalyani and Haritha Ravikumar)

2nd Prize: Team 5(Lokesh S, Gaurav V.P.P)

3rd Prize: Team 4(S.NithyaKalyani and Malathy)

5. Feedback by second year students

Second Year Students appreciated the efforts taken by the department and third year students for training them. They appreciated the efforts put forth by the third-year students by conducting this program in a professional manner.

6. Vote of Thanks – Ellora Jeya Suji.J

Ms. Ellora Jeya Suji.J., 3rd year student thanked our Management, Principal, Head of the Department, Staff Members & her colleagues for organizing such a wonderful training to the juniors. She appreciated HoD & Dr. R. Anand for such a wonderful initiative. She also thanked juniors for attending this program and requested them to take this understanding level to the expert level by doing more projects.

PENTA CODERS - First Year Technical Training Program

Academic Year: 2020-2021(ODD)

Date: 05/10/2020 – 09/10/2020

Time: 5.00.P.M – 7.00.P.M

Coordinator: Mr. Bhaskar.N,Asst.Prof/IT

Resource Persons: III-Year IT (19 Students)

Participants: 1st Year Students

Introduction:

The Sustained plan is to entangle the programming skills in students to enable them sustain higher levels of the same. As Such the Department of Information Technology has pertained the below plan. This plan has been provided in 5 days training through which we can see the below outcomes from the participants.

- An ability to apply knowledge of computing and mathematics appropriate to the discipline.
- An ability to identify, formulate, and develop solutions to computational challenges.
- Enduring Logical and Technical Endurance.

Session Description:

Day1:

Program dealt in class

1. Area of square
2. Volume of cylinder
3. Square root and cube root of a number
4. Roots of quadratic equation

Assignment Program

1. Calculate the simple interest get the required parameters as input from user.
2. Convert temperature from Fahrenheit to Celsius and vice versa
3. Calculate the power of (base, exponent).

Day 2:

Program dealt in class

1. Odd or even
2. Find whether the number is a multiple of given number
3. Sum of n natural numbers
4. First n natural numbers using for loop
5. Odd numbers up to a range
6. Sum of even numbers

Assignment Program

1. Find the sum of n natural numbers and check whether the sum is odd or even
2. To get the average of 5 subjects and display the grade
3. a) Using for loop, print the numbers from 2 to 20 ,each number should be incremented by 3
- b.) Write a python program to print 13 tables using for Loop

DAY 3

Program dealt in class

1. Print n natural numbers using while loop
2. Find GCD of two numbers using while loop
3. LCM of two numbers using while loop
4. LCM using GCD
5. Factorial of a number
6. Sum of digits of an integer

Assignment Program

1. Display the cube of the number up to a given number
2. Sum of n numbers using while loop.
3. To find odd and even numbers present in the given digit using while loop

DAY 4

Program dealt in class

1. Factorial of a number using recursion

2. Fibonacci series upto a range using recursion
3. Armstrong number
4. Sum of series (Ap)

Assignment Program

1. Check the string is palindrome or not using recursive function
2. Display all the prime number within a range
3. Generate the geometric series using recursion

DAY 5

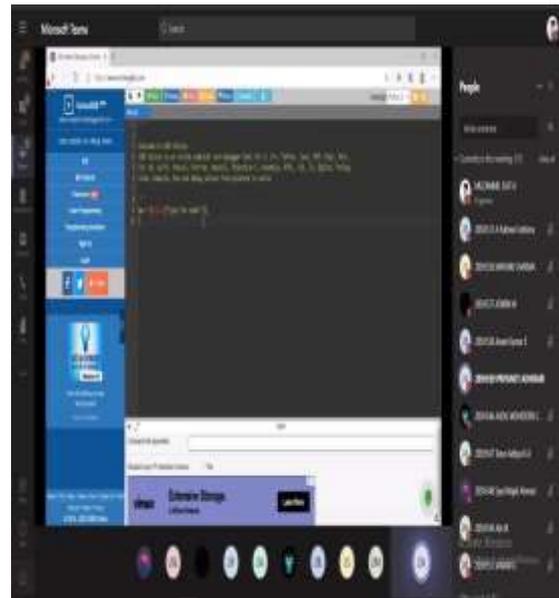
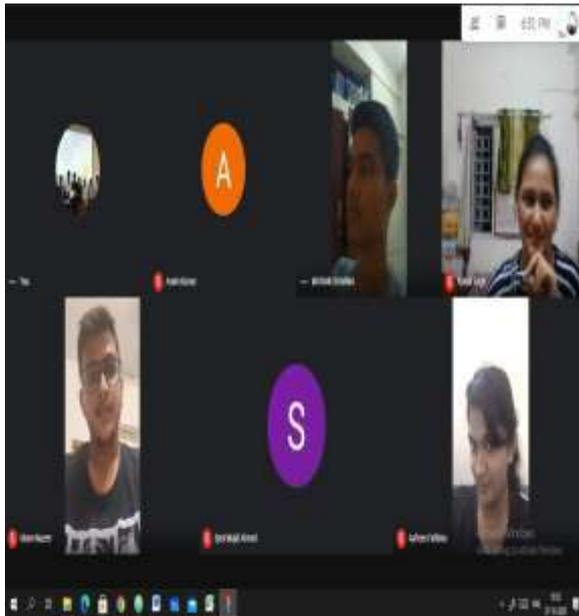
Program dealt in class

1. Odd numbers from the list
2. Print odd and even numbers from the given two list
3. Find maximum value in a list

Assignment Program

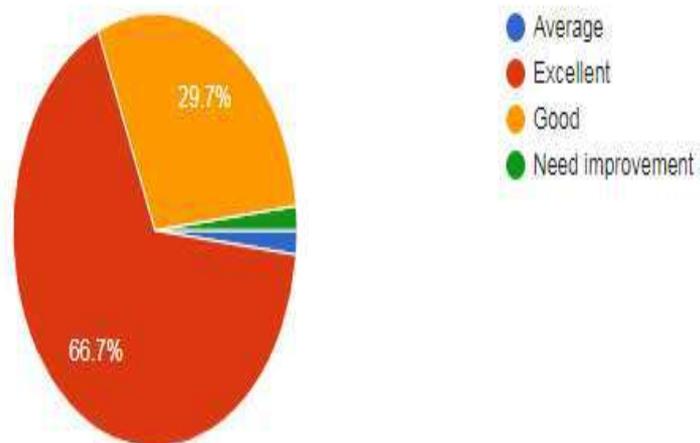
1. Get the list from the user
 - a) Find the minimum number from the list
 - b) And add the numbers in the list which we are getting from user
2. Sort the given in descending order.
- 3 .Get the list from the user and then count the list using inbuilt function.

Sample Clips taking during session:



Rate our content delivery method

111 responses



Overall, the programme was well received by the students and they participated actively.

THE GREAT HACK 2020

The Great Hack 2020 event was conducted by the Department of Information Technology for both 11th and 12th standard students, as such in accordance to grow an awareness about the technology for the student community and also to share about our institution's activities and outreaches. We have received about 124 participants registering for the event with a similar ratio of 85% registrants turning in for the Event. The event was lifted off on both the days of 11th and 12th of July, consulting the topic of the session on Ethical Hacking. Briefing about this event it was a hands on session on what hacking is and what it could actually project out to be. Topics of discussion that were relatively taken were DE-authentication attack, Mac Address Change, Wifi Password Cracking, OSINT, Footprinting, Windows Hacking, Beef-Xss Attack, Maltego Basics, Email Spoofing and MITMF Attack. All the above mentioned topics were discussed and hands on experience were given to the students on the first day of the event ie 11/07/2020. Based on this we embedded a feedback form and to our surprise nearly 55 participants produced overwhelming comments on what topics did they find interesting and wrote up their experience about this session. Latter on with this go we planned for a presentation and quiz to be conducted for the participants, having this as an idea was only to bring out the presentation skills and leadership qualities that students should possess being budding engineers. Considerably on the second day of the event we saw some participants presenting their Ideas to us, which was judged by our panel of jury member. As for the scenario of accessing the rightful winner we conducted a quiz from kahoot platform, with all these details the winners were declared. Statively the first prize winner was given an amazon voucher worth Rs 1000 and the later two positions were promised for a scholarship. The event was a grand success and we are hopefully waiting to conduct such in the upcoming days!

Winners

1. 1st place was bagged by Belgin Jarosh from Fathima Public School being in 12 th std
2. 2nd place was bagged by J.Calret De Cruz from St.Michael's acdemy being in 11 th std
3. 3rd place was bagged Vijeta From CSI Brain School being in 12 th std.

APPRECIATION LETTER



Dr.G PRABHAKARAN, M.E. Ph.D
PRINCIPAL

October 14, 2020

Letter of Appreciation

The Management, Principal and faculty members would like to appreciate the below students of 3rd year Information Technology department for conducting one week online training program from 5th October 2020 to 9th October 2020 on the topic "Penta coders" as a part of first year foundation program.

The quality of training program was really appreciable and has rekindled an urge in the minds of first year students to learn new languages and concentrate more on practical knowledge. The quality of delivering and response to the students' queries were comprehensive.

S.No.	Name of Students	S.No.	Name of Students
1.	Mr. Muzammil Sait - Leader	11.	Ms. Ellora Jeya Suji J
2.	Ms. Anisa H	12.	Ms. Lavanya P
3.	Mr. Antony Raj A	13.	Mr. Mohanraj SC
4.	Ms. Jahnevi K	14.	Ms. Padmapriya R
5.	Mr. Logithi Kumar B	15.	Ms. Ramya S
6.	Ms. Mahalakshmi B	16.	Ms. Ana Abarna B
7.	Ms. Pasithra Ramesh	17.	Mr. Dhanush S
8.	Ms. Rajeswari M	18.	Mr. Staffin T Shabu
9.	Ms. Shruthi V Seethalakshmi	19.	Ms. Monika JS
10.	Mr. Krithik Roshan R	-	-

We acknowledge your untiring efforts and well demonstrated dedication and team work.
Wishing you all to be successful in all your future endeavours.


PRINCIPAL

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