

K. L. N. COLLEGE OF ENGINEERING, POTTAPALAYAM - 630612

(An Autonomous Institution, Affiliated to Anna University, Chennai)

STUDENT INDUCTION PROGRAM SIP – PHASE-1

Department of Electrical and Electronics Engineering

27.10.2021 (Day 1) - Session I (9:30 AM to 10:45 AM)

Inauguration of UHV - 1 STUDENT INDUCTION PROGRAM

Address by Principal: Dr. A.V. Ramprasad – About History & Activities of KLNCE





With the blessings of our founder president Amaran Shri.K.L.N. Krishnan sir, and with the support of our College Management and with the guidance of our most respected Principal Sir, the First Year Student Induction Program, Universal Human Values – Phase – 1, for the fresh 2021-2025 batch students, was organized in our Indoor Stadium. Dr.S.Parthasarathy Prof/EEE welcomed the fresh budding engineers. Our respected principal, Dr.A.V. Ram Prasad sir, delivered a clear-cut lecture about the History and Various activities of KLNCE. The Program was coordinated by Dr.R.M.Satheesh Kumar HOD/AUE and Mr.R.Thangasankaran AP/EEE and Mrs.D.Manjula Devi AP/PHY hosted the complete session.



27.10.2021 (Day 1) - Session II (11:00 AM to 12:15 PM)

Introduction to UHV-1 by Dr.R. M. Satheesh kumar, Prof. & Head / Au. Engg.



In this session, the over all coordinator of the student Induction Program Dr.R.M.Satheesh Kumar HOD/AUE, explained about the overall arrangement of this 5 days offline induction program, with all the different modules present in it.

27.10.2021 (Day 1) - Session III & IV (1:00 PM to 3:40 PM)

Familiarization of EEE Department





In this Afternoon session, the EEE students were given Familiarization about the 25 years old EEE department by their respected Head of the department Dr.S.M.Kannan sir. He showcases the various activities, faculty profiles, department strengths, rank holders and Placement records of the EEE department. Besides all the Teaching staff were made to be introduced to the students.



28.10.2021 (Day 2) - Session I (9:30 AM to 10:45 AM)
Health is Wealth by Dr.Suganthi MBBS, Internal Doctor, KLNCE



On Day 2, in the morning first session , our college student care Centre Internal Doctor Dr.Suganthi MBBS, has delivered an excellent lecture on the topic “Health is Wealth”. She had delivered the importance of keeping our physical as well as our mental health in a proper way. She gave many precaution measures to take care of our health. In the mean time, the first year coordinator Dr.J.K.Subhasini HOD/maths, explains the rules and regulations of our college.



28.10.2021 (Day 2) - Session II (11:00 AM to 12:15 PM)

Health Management by Dr.G.Selvakumar, Primary Health Care Centre, Poovanthi



In Session 2 of Day 2, Dr.G.Selvakumar, Government doctor from Primary Health Care Centre, Poovanthi, has delivered a lecture on the topic health management. He illustrated the various prevention measures for various diseases and especially Corona.



28.10.2021 (Day 2) -Session III & IV (1:00 PM to 3:45 PM)

Familiarization of Department Laboratories



In this session, the students were made to visit various laboratories of the EEE department. Dr.S.Venkatesan, Dr. S.Parthasarathy and Mr.R.Thangasankaran take the students to various labs, and they were explained about the various salient features of Labs.







29.10.2021 (Day 3) - Session I & II (9:30 AM to 12:15 PM)

Yoga – Practice for Healthy life by Mrs. T. Alamelu Mangai & Mr.T.J.Tharanidharan from Art of Living Organization





On Day 3, the morning two sessions, were handled by two resource persons from Art of Living, Mr.T.J. Tharanidharan and Mrs.T.Alamelu mangai. Many Yoga practices, Praanayaamam and Foot loose techniques were taught to the students.



29.10.2021 (Day 3) - Session III (1:00 PM to 2:15 PM)

Training & Placement activities by Dr.P.Udhayakumar, HOD/MECH & TPO



In the third session, the TPO coordinator Dr.P.Udhayakumar and his team, has elaborated the all the past placement activities of KLNCE and the training programs which are to be conducted by the TPO team for the upcoming budding engineers.



29.10.2021 (Day 3) - Session IV (2:30 PM to 3:45 PM)

Practices of UHV in Industries by Dr.S.Parthasarathy, Prof./EEE & IIPC Coordinator



In the last session of Day 3, IIPC Chief Coordinator Dr.S.Parthasarathy Prof/EEE, has delivered his real time experiences in the industries he visited during his career. Also, he delivered some practical examples of universal human values followed in Industries.



1.11.2021 (Day 4) - Session III & IV (1:00 PM to 3:45 PM)

Creative Practices





On Day 4, Creative Practices from Cultural and Literary Association club was organized in a decentralized manner. In connection with this, Best out of Waste and Poster Making Contests were conducted in EEE department. Nearly 29 students participated in the competitions. Out of which, BEST THREE were selected in each category by the Academic Mentor Dr.S.Parthasarathy. Coordinators Dr.M.Jegadeesan and Mr.R.Thangasankaran made all the arrangements.





In Parallel, some of the talents like Musical Instrument Playing, Singing and Dancing were exhibited by the EEE students in their classroom.



02.11.2021 (Day 5) - Session I & II (9:30 AM to 12:15 PM)

Expert Lectures by Passed Out Alumni of EEE



On Day 5 morning session, our various passed out Alumni of our EEE department, were made to address their present Industrial Experience and their Interview experience on various fields like Software, Core, Business Management and Higher studies.





02.11.2021 (Day 5) - Session III & IV (1:00 PM to 3:45 PM)

PED, NSS and YRC





On the last day of the session, the students were allowed to relax their physical and mental pressure by playing a lot of Indoor games like Carrom, Chess, Table Tennis, Badminton and Outdoor games like Foot ball, Basket Ball, Cricket etc., under the guidance of physical Director Dr.Anand.





Also in parallel, NSS and YRC coordinator Mr.Aravindrajan AP/IT, has organized some awareness programs to the students, regarding the various activities held by KLNCE.





Dr.S.Parthasarathy Prof/EEE, has exhibited the E-Auto to our budding engineers and explained their working principles. Students had a jolly ride with him in the e-auto for a small distance.



~*~*~*~*~END OF REPORT*~*~*~*~

K. L. N. COLLEGE OF ENGINEERING, POTTAPALAYAM - 630612

(An Autonomous Institution, Affiliated to Anna University, Chennai)

STUDENT INDUCTION PROGRAM SIP – PHASE-2

09.11.2021 (Day 2) - Session I & II (9.30 am to 12.15 pm)

Role of Physics in Engineering by Dr.R.Geetha, ASP/Physics

This screenshot shows a Zoom meeting interface. At the top, it says "You are viewing Dr. R Geetha's screen". The main content is a presentation slide with a blue background. The title "ROLE OF PHYSICS IN ENGINEERING" is written in a stylized white font inside a large white oval. Below the title are three cartoon characters: a boy with orange hair, a boy with black hair, and a girl with blonde pigtails. To the right of the characters, it says "by Dr. R. GEETHA, Associate Professor, Department of Physics, K.L.N. College of Engineering, Sivaganga District". The Zoom control bar at the bottom shows 411 participants, chat, share screen, raise hand, record, and apps buttons.

This screenshot shows a Zoom meeting interface with a participant list at the top including Dr. R. ASHOK K..., KLN COLLEGE O..., Dr. R Geetha, Dr. Ramesh S, 215021 it, and 215335 it. The main content is a presentation slide. On the left is a detailed diagram of a human brain with various parts labeled, such as "Supernumerary of taste buds", "Memory department", "Masters of speech department", "Cerebral cortex", "The lens & surrounding fluid", "Cerebrum", "Optic chiasm", "Cerebellum", "Air Blast TRACHEA", "Sulphur-Acid room", "Radio Telephone", and "Sulphur-Acid room". To the right of the diagram, the text reads: "Who is the very first Engineer in the Universe? He is the Engineer of the Universe. GOD". At the bottom of the slide, it says "22/09/2020" and "First year Induction Programme - Module 1". The Windows taskbar at the bottom shows the time as 11:19 AM.

Zoom Meeting

Dr. R. ASHOK K... KLN COLLEGE O... Dr. R Geetha Dr. Ramesh S 215021 it 215335 it

Dr. R. ASHOK KUMAR KLN COLLEGE OF EN... Dr. R Geetha Dr. Ramesh S 215021 it 215335 it

Travelling Microscope

Lee's Disc

Torsional Pendulum

LASER kit

Ultrasonic Interferometer

Spectrometer

09/11/2021 First year Induction Programme 5

Post Attendee - Zoo... Zoom Meeting Report_Day2.docx - ... 11:23 AM

Zoom Meeting

Dr. R. ASHOK K... KLN COLLEGE O... Dr. R Geetha Dr. Ramesh S 215021 it 215335 it

Dr. R. ASHOK KUMAR KLN COLLEGE OF EN... Dr. R Geetha Dr. Ramesh S 215021 it 215335 it

TECHNOSCIENCE FESTIVAL

KLNCESHA in association with IIPC

Painting

Paper Presentation

09/11/2021 First year Induction Programme 6

Post Attendee - Zoo... Zoom Meeting Report_Day2.docx - ... 11:23 AM

induction programme - 09.11.pdf - Adobe Reader

You are viewing Dr. R Geetha's screen View Options

File Edit View Window Help

10 / 28 68.4%

Tools Sign Comment

Elasticity

Ductile Material Stress-Strain Curve
low carbon steel

Proportional limit
Yield Point
Ultimate Strength
Fracture Point
2nd load line
unload line
permanent deformation
Strain
Stress

09/11/2021 First year Induction Programme 10

Unmute Start Video Participants 433 Chat Share Screen Raise Hand Record Apps Leave

You are viewing Dr. R Geetha's screen View Options

LASER

Light Amplification by Stimulated Emission of Radiation

1960

Laser beam

Laser welding

Laser cutting

09/11/2021 First year Induction Programme 11

Unmute Start Video Participants 433 Chat Share Screen Raise Hand Record Apps Leave

You are viewing Dr. R Geetha's screen View Options

Optical fiber cable sensor

widely used for sensing and measuring of acoustic fields, magnetic fields, current, acceleration, strain etc.

Endoscope has two optical fibers

One for light, to illuminate the inside of patient
Another for a camera, to send images back to doctor

Underground & Underwater communication

09/11/2021 First year Induction Programme 14

Unmute Start Video Participants 434 Chat Share Screen Raise Hand Record Apps Leave

You are viewing Dr. R Geetha's screen View Options

Quantum Physics

Scanning Tunneling Microscopy

Miniaturization

Quantum computing

output $|ψ_{out}\rangle$
 $|ψ_{out}\rangle = U|ψ_{in}\rangle$
 input $|ψ_{in}\rangle$

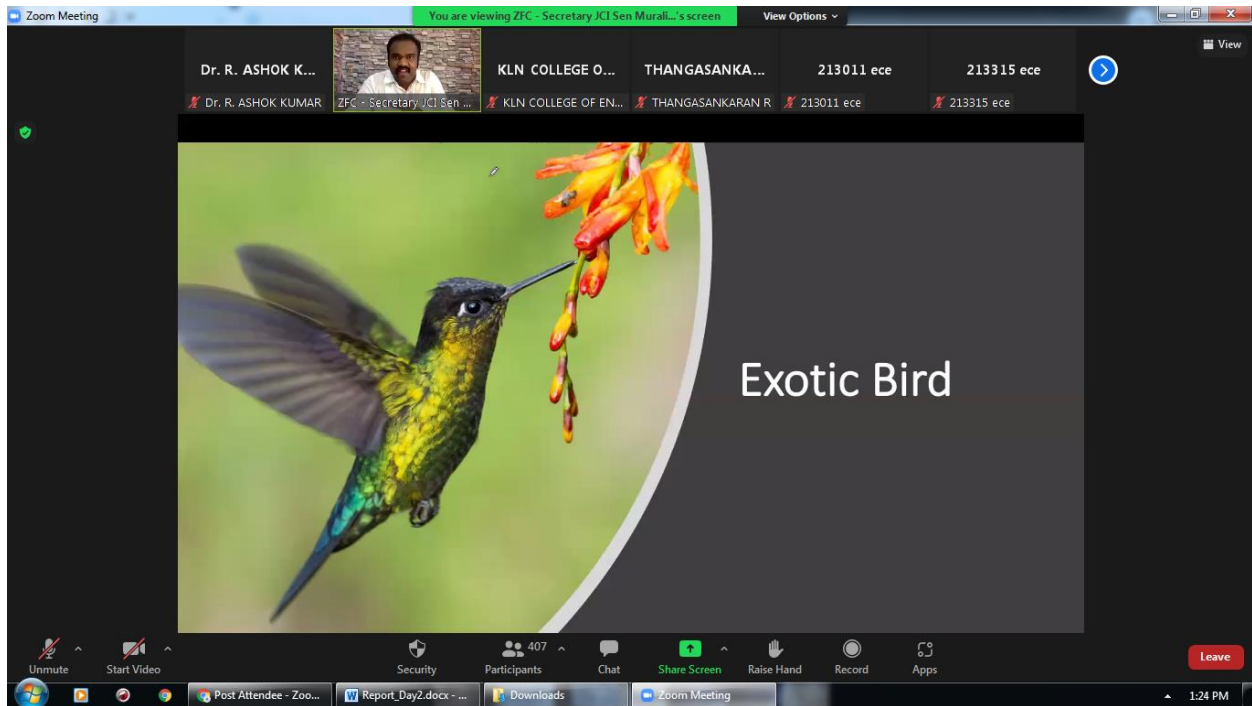
quantum processor

09/11/2021 First year Induction Programme 18

Unmute Start Video Participants 431 Chat Share Screen Raise Hand Record Apps Leave

09.11.2021 (Day 2) - Session III & IV (1.00 pm to 3.45 pm)

Importance of Aptitude Training for Placement by Mr.Muralitharan, Connect Training Solution



Zoom Meeting You are viewing ZFC - Secretary JCI Sen Murali... 's screen View Options

Dr. R. ASHOK K... KLN COLLEGE O... THANGASANKA... 213011 ece 213315 ece

Dr. R. ASHOK KUMAR ZFC - Secretary JCI Sen ... KLN COLLEGE OF EN... THANGASANKARAN R 213011 ece 213315 ece

What's your story?

Unmute Start Video Security Participants 423 Chat Share Screen Raise Hand Record Apps Leave

Post Attendee - Zoo... Report_Day2.docx ... Downloads Zoom Meeting 1:33 PM

Zoom Meeting You are viewing ZFC - Secretary JCI Sen Murali... 's screen View Options

Dr. R. ASHOK K... KLN COLLEGE O... THANGASANKA... 213011 ece 213315 ece

Dr. R. ASHOK KUMAR ZFC - Secretary JCI Sen ... KLN COLLEGE OF EN... THANGASANKARAN R 213011 ece 213315 ece

STUDY? *learn?*

- 1
At any point of time, do not regret for your past mistakes
- 2
Never accept anything that is out of your common sense, unless you have first hand proof.
- 3
Apply what you learn.

Unmute Start Video Security Participants 426 Chat 26 Share Screen Raise Hand Record Apps Leave

Post Attendee - Zoo... Report_Day2.docx ... Downloads Zoom Meeting 1:38 PM

Zoom Meeting | You are viewing ZFC - Secretary JCI Sen Murali... 's screen | View Options

Dr. R. ASHOK K... | KLN COLLEGE O... | 213011 ece | 215025 it | 213050 ece

Dr. R. ASHOK KUMAR | ZFC - Secretary JCI Sen... | KLN COLLEGE OF EN... | 213011 ece | 215025 it | 213050 ece

idea 99% whatsapp
 Meta encryption
 Meanny! 2014
 (1) Info
 (2) How?
 (3) 1.25 lakh
 (4) App
 Covers

Unmute Start Video Security Participants Chat Share Screen Raise Hand Record Apps Leave

Post Attendee - Zoo... Report_Day2.docx... Downloads Zoom Meeting 1:49 PM

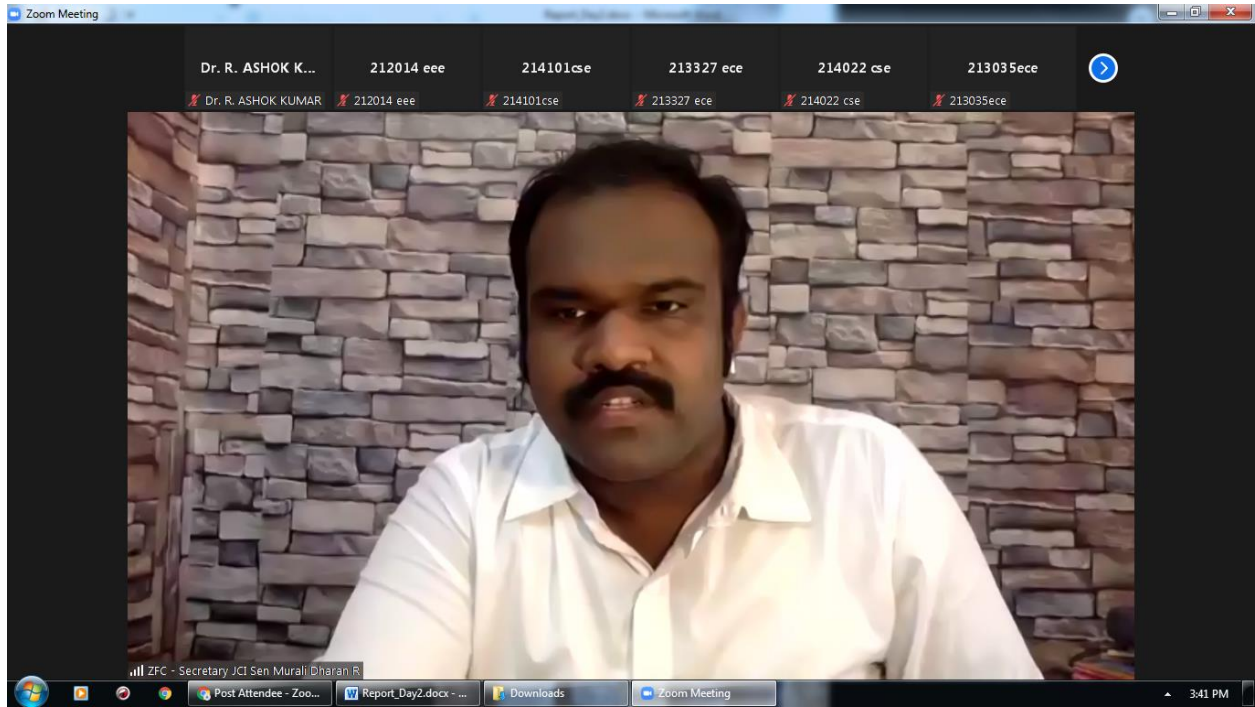
Zoom Meeting

Dr. R. ASHOK K... | 212014 ece | KLN COLLEGE O... | 214101cse | 213327 ece

Dr. R. ASHOK KUMAR | ZFC - Secretary JCI Sen... | 212014 ece | KLN COLLEGE OF EN... | 214101cse | 213327 ece

~~Life~~ KLN
 Attitude Aptitude (Aps)
 Aptitude Quants Reasoning Verbal

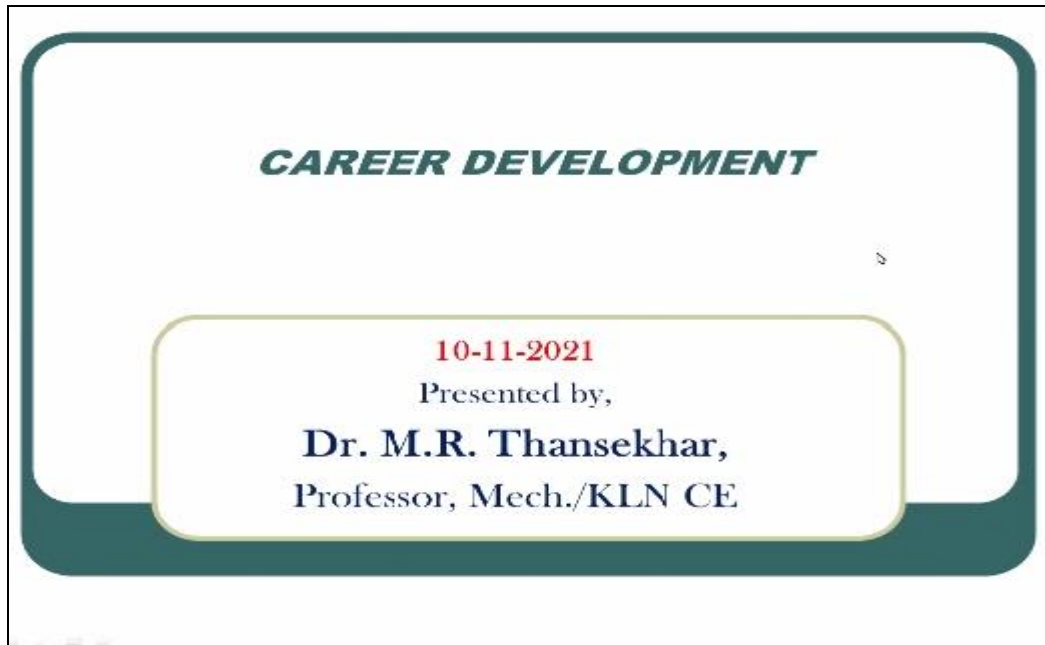
Post Attendee - Zoo... Report_Day2.docx... Downloads Zoom Meeting 3:07 PM



K. L. N. COLLEGE OF ENGINEERING, POTTAPALAYAM - 630612
(An Autonomous Institution, Affiliated to Anna University, Chennai)
STUDENT INDUCTION PROGRAM SIP – PHASE-2

10.11.2021 (Day 3) - Session I (9.30 am to 10.45 am)

Career Development by Dr.M.R.Thansekhar, Professor/Mech



What is career?

The series of jobs that a person has in a particular area of work, usually involving more responsibility as time passes

What is career development?

It is an ongoing process of gaining knowledge and improving skills that will help an individual to establish a career plan.

Why Select a Career?

- ▶ We have been created unique. (Eg. Fingerprint).
- ▶ We are born only once.
- ▶ We spend almost 40 years on our work.
- ▶ A total over 80,000 hours , we work.
- ▶ Now ask yourself how you will spend these 80,000 hours before you die??????

Personality Profile

- Based on Myers Briggs Type
- on-line questionnaire:-
- e-mailed report
- 16 personality “types” based on preferences
 - extraversion – introversion
 - sensing – intuition
 - thinking – feeling
 - judging - perception

10.11.2021 (Day 3) - Session II 11.00 am to 12.15 pm)

Universal Human Values I by Dr.R.M. Satheesh Kumar, Professor & Head/Au.Engg

Universal Human Values - I

By

Dr.R.M. Satheesh Kumar

Education is fundamental for achieving

- Full Human Potential
- Developing an equitable and Just society
 - (Equitable – all can participate and prosper)
(Prosperity Wealth, Health and Happiness – Long term)
 - (Just – Resources of society should be distributed to all)
Allowing individuals to live their life
- National Development
- Make this world a better place to live

• What is missing in today's Education?

- It is mostly Skill based
- Not value based
- So **Value** Component is missing

Importance of Human Values

- Provides understanding of the Attitude, behaviour, Motivation
- Influences our perception of the world around us
- Represents Interpretation of Right and Wrong
- Provides a way to understand humans and organizations.

10.11.2021 (Day 3) - Session III (01.00 pm to 02.15 pm)

Team Building by Mr.B.Palanivel Rajan,AP(SG)/MBA



● REC



Groups & Teams

Group - two or more people with common interests, objectives, and continuing interaction

Work Team - a group of people with complementary skills who are committed to a common mission, performance goals, and approach for which they hold themselves mutually accountable

TEAM

- A small number of members with shared leadership who perform interdependent jobs with both individual and group accountability, evaluation, and rewards.
- A team is...like a car in that it consists of multiple parts joined together to accomplish a particular task
- A team is a group of people who come together temporarily to achieve a purpose.



Mark
Managing Director



Dave
Director



Wendy
Director



Celsie
Sales Team



Laura
Head Sales



Bob
Top Dog



Matt
Designer/Web Team



Helen
Sales Team



Zos
Sales Team



Lorna
Samples Team



Alex
Web Team

10.11.2021 (Day 3) - Session IV (02.30 pm to 03.45 pm)

Time Management by Mrs.B.Shanthi,AP(SG)/MBA



Time Management

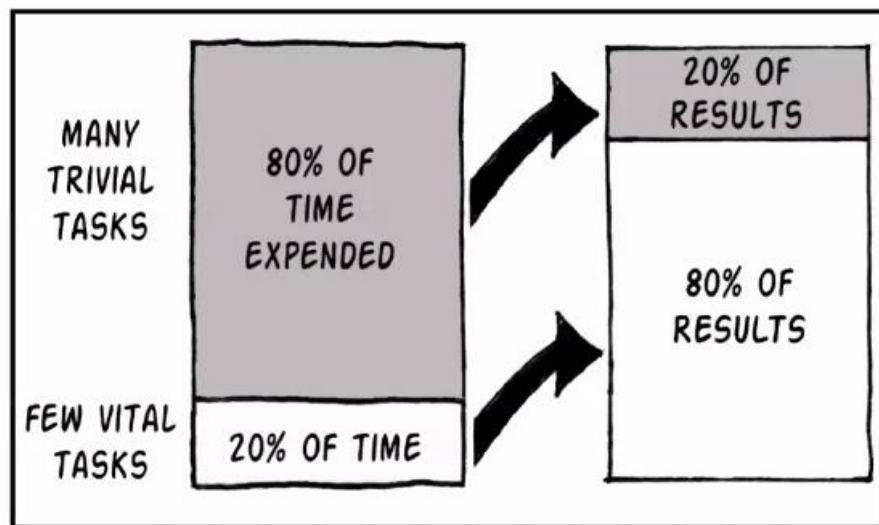
Time management is the process of planning and controlling how much **time** to spend on specific activities.

Good **time management** allows an individual to complete more in a shorter period of **time**, lowers the amount of stress, and leads to career success.

List of Tips for Effective Time Management



80 : 20 Principle



**K.L.N. COLLEGE OF ENGINEERING
Pottapalayam – 630 612**

(An Autonomous Institution, Affiliated to Anna University)

STUDENTS INDUCTION PROGRAM (SIP) – PHASE 2 – ONLINE - 08.11.'21 – 13.11.'21

Date: 12.11.2021 (Forenoon)

SESSION 1:

SELF LEARNING - SWAYAM NPTEL

Dr. B.BUVANESWARI, Associate Professor / ECE, KLNCE

JIM ROHN SAYS, "FORMAL EDUCATION WILL MAKE YOU A LIVING, SELF EDUCATION WILL MAKE YOU A FORTUNE"

ROBERT KRAFT SAYS, "SELF STUDY, IN A SENSE OF LEARNING BY YOURSELF WITHOUT ANYBODY TEACHING YOU ANYTHING HAS AN ENORMOUS VALUE"

The screenshot displays a Zoom meeting window. At the top, it says "Zoom Meeting" and "You are viewing G1-Buvaneswari Balakrishnan's screen". Below this, there are video thumbnails for "sasirekha c", "KLN COLLEGE O...", "212032 eee", and "Meena A". The main content is a presentation slide from K.L.N. COLLEGE OF ENGINEERING. The slide features the college logo and text: "K.L.N.COLLEGE OF ENGINEERING", "An Autonomous Institution | Accredited by NAAC", "(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)", "SELF LEARNING OPPORTUNITIES AND APPRECIATION IN KLNCE", and "Presented By, Dr.B.Buvaneswari Associate Professor Department of Electronics & Communication Engineering". The slide also lists "NPTEL EXAM REGISTRATION" and "Self Learning 2 year Inductee". The Zoom interface on the right shows a list of 417 participants, including "sasirekha c (Co-host, me)", "KLN COLLEGE OF EN... (Host)", "G1-Buvanesw...", "Meena A (Co-host)", and several students with IDs like "211002 mech" through "211012 mech". The Windows taskbar at the bottom shows the time as 9:50 AM on 11/11/2021.

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants (417)

sasirekha c | KLN COLLEGE O... | 212032 eee | Meena A

Recording

File Edit View Tools Help

Organize Open Share with Print E-mail Burn New folder

Favorites

Desktop

Libraries

Documents

Music

Pictures

Videos

Homegroup

HP

android

esim

idarc

ipython

jsc

matplotlib

openjdk_lg

apps

appveyor3

VirtualBox

CmapTechLog

Contacts

Desktop

desktop_contents

Downloads

eSim-Workspace

Favorites

Intel

Isdi

Name

NPTEL EXAM REGISTRATION

Self Learning 3 year Indus

Cyber War - Final

CSK Updated publication 20

OC member details

18C3530_2021046_CAT_2_7

48e030_assignment_2_45

7th_Social_Science_Term_E

7th_Social_Science_Term_E

18C3530_ASSIGNMENT 2 (2)

48e030_cat_2_42q3tby

CBSE class 11 NCERT-Book

kinematicz

Motion in a plane

Deborah L. Bouchoux - Inta

US252525

IEL - Regular - 2019A

Claim form

Carl Hamacher, Zoonko G. V

3rd Sem -Regular

output (1)

output

BOS 19 minutes

MINUTES BOS 30 01 2021 in

Secretary system CV and HP

WORKSHEET -1 (Term 2)

Chemistry

K.L.N.COLLEGE OF ENGINEERING

An Autonomous Institution | Accredited by NAAC
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

25

SELF LEARNING OPPORTUNITIES AND APPRECIATION IN KLNCE

Presented By,
Dr.B.Buvanewari
Associate Professor
Department of Electronics & Communication Engineering

11 November 2021 | Student Induction Program Phase II

11 November 2021 | Student Induction Program Phase II

9:50 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants (435)

sasirekha c | KLN COLLEGE O... | 212032 eee | Meena A

Recording...

K.L.N.COLLEGE OF ENGINEERING

An Autonomous Institution | Accredited by NAAC
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

25

Quality Circle-Quality Education Cell (QC-QEC)

Roles

- >Motivating students to register Spoken Tutorial online certification courses offered by IIT, Bombay
- >Encouragement of faculty members and students to update their knowledge by learning courses offered by Swayam NPTEL
- >Create an Effective learning environment of the NPTEL courses with the help of faculty members as Mentors
- >Introducing innovative teaching methodology by conducting Training on Effective Pedagogy methods and ICT tools
- >Promoting Project-based learning by motivating students to participate in E-yantra - a robotics competition platform that is sponsored by MHRD

11 November 2021 | Student Induction Program Phase II

11 November 2021 | Student Induction Program Phase II

10:04 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants: sasirekha c, 212032 eee, Meena A, 215008R

K.L.N.COLLEGE OF ENGINEERING

An Autonomous Institution | Accredited by NAAC
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

Process of Self-Learning

- ❖ Be clear in your objectives and goals
- ❖ Find a reliable source
- ❖ Allow yourself to be curious
- ❖ Motivate yourself and make the subject interesting

11 November 2021 | Student Induction Program Phase II

Zoom Meeting controls: Unmute, Start Video, Security, Participants (437), Chat, Share Screen, Raise Hand, Apps, More, Leave

Participants (437) list:

ID	Name	Audio	Video
2E	213301 ece	🔇	📷
2E	213302 ece	🔇	📷
2E	213303 ece	🔇	📷
2E	213304 ece	🔇	📷
2E	213306 ece	🔇	📷
2E	213307 ECE	🔇	📷
2E	213308 ece	🔇	📷
2E	213309 ece	🔇	📷
2E	213310 ece	🔇	📷
2E	213311 ece	🔇	📷
2E	213312 ece	🔇	📷
2E	213313 ece	🔇	📷
2E	213314 ECE	🔇	📷
2A	213315 ece	🔇	📷

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants: sasirekha c, 212032 eee, Meena A, 215008R

ABOUT SWAYAM NPTEL

- NPTEL is an acronym for **National Programme on Technology Enhanced Learning**
- An initiative by seven Indian Institutes of Technology (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and Indian Institute of Science (IISc) for creating course contents in engineering and science.
- NPTEL provides E-learning through online Web and Video courses in Engineering, Science and humanities streams.

11 November 2021 | Student Induction Program Phase II

Zoom Meeting controls: Unmute, Start Video, Security, Participants (437), Chat, Share Screen, Raise Hand, Apps, More, Leave

Participants (437) list:

ID	Name	Audio	Video
2E	213301 ece	🔇	📷
2E	213302 ece	🔇	📷
2E	213303 ece	🔇	📷
2E	213304 ece	🔇	📷
2E	213306 ece	🔇	📷
2E	213307 ECE	🔇	📷
2E	213308 ece	🔇	📷
2E	213309 ece	🔇	📷
2E	213310 ece	🔇	📷
2E	213311 ece	🔇	📷
2E	213312 ece	🔇	📷
2E	213313 ece	🔇	📷
2E	213314 ECE	🔇	📷
2A	213315 ece	🔇	📷

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants: sasirekha c, 212032 eee, Meena A, 215008R

The screenshot shows the Swayam NPTEL website interface. It includes a search bar, filters for National Coordinators, Course Duration, Course Start Date, and Course Credits. Under 'Upcoming (Enrollment Open)', three courses are listed:

- A Study Guide in Organic Electroanalysis: Problems...** by Prof. Sanku Datta (IIT Kanpur), NPTEL, 12 Weeks (Starts: 28-01-2022), Exam Date: 28 Apr, 2022.
- A brief course on Superconductivity** by Prof. Sanku Datta (IIT Kanpur), NPTEL, 4 Weeks (Starts: 28-01-2022), Exam Date: 27 Aug, 2022.
- A brief introduction of Micro - Devices** by IISc Bhopal, NPTEL, 4 Weeks (Starts: 28-01-2022), Exam Date: 27 Aug, 2022.

Zoom Meeting controls: Unmute, Start Video, Security, Participants (433), Chat, Share Screen, Raise Hand, Apps, More, Leave

Participants (433) list:

ID	Name	Audio	Video
SC	sasirekha c (Co-host, me)	🔇	📷
MA	Meena A (Host)	🔇	📷
GB	G1-buvanew... (Co-host)	🔇	📷
2M	211002 mech	🔇	📷
2M	211004 mech	🔇	📷
2M	211005 mech	🔇	📷
2M	211006 mech	🔇	📷
2M	211007 mech	🔇	📷
2M	211008 mech	🔇	📷
2M	211009 mech	🔇	📷
2M	211010 mech	🔇	📷
2M	211011 mech	🔇	📷
2M	211013 mech	🔇	📷
2M	211014 mech	🔇	📷

Zoom Meeting | You are viewing G1-Buvaneshwari Balakrishna's screen | View Options

Participants: 435

Highlights of NPTEL

- Largest online repository in the world of courses in engineering, basic sciences and selected humanities and social sciences subjects
- Youtube channel for NPTEL – most subscribed educational channel, 1 billion views and 42+ lakhs subscribers
- More than 56000 hours of video content
- Most accessed library of peer-reviewed educational content in the world
- 52000+ hours of transcribed content; 51000+ hours of subtitled videos

11 November 2021 | Student Induction Program Phase II

Zoom Meeting controls: Unmute, Start Video, Security, Participants (435), Chat, Share Screen, Raise Hand, Apps, More, Leave

Windows taskbar: Type here to search, 10:13 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvaneshwari Balakrishna's screen | View Options

Participants: 436

CERTIFICATION PROCESS

- The student has to register themselves in the NPTEL portal
- Courses offered by IITs & industries are uploaded in the portal for enrollment- Free
- Every week 3 hrs of video contents and a assignment is released – evaluated and scores for assignments are provided
- Discussion forum- Tas & faculty – clear doubts

11 November 2021 | Student Induction Program Phase II

Zoom Meeting controls: Unmute, Start Video, Security, Participants (436), Chat, Share Screen, Raise Hand, Apps, More, Leave

Windows taskbar: Type here to search, 10:18 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvaneshwari Balakrishna's screen | View Options

Participants: 433

INDUSTRY SUPPORT

Course: Digital Image Processing
Recognized By: Defence labs like DRDO, Space ISRO, TCS

Course: Programming In C++
Recognized By Microsoft, Samsung, Xerox, Yahoo, Google, IBM, TCS, Infosys, Amazon, Flipkart, etc.

11 November 2021 | Student Induction Program Phase II

Zoom Meeting controls: Unmute, Start Video, Security, Participants (433), Chat, Share Screen, Raise Hand, Apps, More, Leave

Windows taskbar: Type here to search, 10:22 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants (434)

sasirekha c | 212032 eee | Meena A | 215008it

INDUSTRY NEED

- Liaison between the Industries and Academia.
- Expose learners/students to the current market trends

11 November 2021 | Student Induction Program Phase II

Unmute | Start Video | Security | Participants | Chat | Share Screen | Raise Hand | Apps | More | Leave

Type here to search

10:23 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants (436)

sasirekha c | 212032 eee | Meena A | 215008it

Industry associates

Our Industry Associates:

- INTERSHALA
- VUNet
- IBM
- appin
- Infoziant
- Aricent
- DELTA

11 November 2021 | Student Induction Program Phase II

Unmute | Start Video | Security | Participants | Chat | Share Screen | Raise Hand | Apps | More | Leave

Type here to search

10:25 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvanewari Balakrishnan's screen | View Options

Participants (433)

sasirekha c | 212032 eee | Meena A | 215008it

Experts recommendation

From Samsung

11 November 2021 | Student Induction Program Phase II

Unmute | Start Video | Security | Participants | Chat | Share Screen | Raise Hand | Apps | More | Leave

Type here to search

10:24 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvaneshwari Balakrishnan's screen | View Options

Participants: sasirekha c, 212032 eee, Meena A, 215008it

PLACEMENT OPPORTUNITY

- An off campus recruitment workshop may be organised at a convenient premise, to open up avenues for the toppers of the NPTEL courses.

11 November 2021 | Student Induction Program Phase II

Zoom Meeting Controls: Unmute, Start Video, Security, Participants (433), Chat, Share Screen, Raise Hand, Apps, More, Leave

Windows Taskbar: Type here to search | 10:29 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvaneshwari Balakrishnan's screen | View Options

Participants: sasirekha c, 212032 eee, Meena A, 215008it

HELPFUL AFTER HIRING

- Check out the contents of our courses which might be helpful in fresher training, both before and after hiring.
 - Soft Skills
 - Enhancing Soft Skills and Personality
 - Communication Skills
 - Introduction to Programming in C
 - Programming, Data Structures and Algorithms using C
 - Database Management System
 - Business English Communication

11 November 2021 | Student Induction Program Phase II

Zoom Meeting Controls: Unmute, Start Video, Security, Participants (430), Chat, Share Screen, Raise Hand, Apps, More, Leave

Windows Taskbar: Type here to search | 10:31 AM 11/11/2021

Zoom Meeting | You are viewing G1-Buvaneshwari Balakrishnan's screen | View Options

Participants: sasirekha c, 212032 eee, Meena A, 215008it

How to register?

- Step 1 – go to the following link
- Step 2 – Click on the tab "Login" seen on the top right-hand corner.
- Step 3 - Use a google account enabled email id to login.
- Step 4 – Choose your desired course and click on the Join button or Click on the course to see the Introduction page of the course and if interested, click on the "Register" button.
- Step 5 – If the course has content uploaded, you will now be able to see it. Once these steps are carried out, you will receive a confirmation e-mail.

11 November 2021 | Student Induction Program Phase II

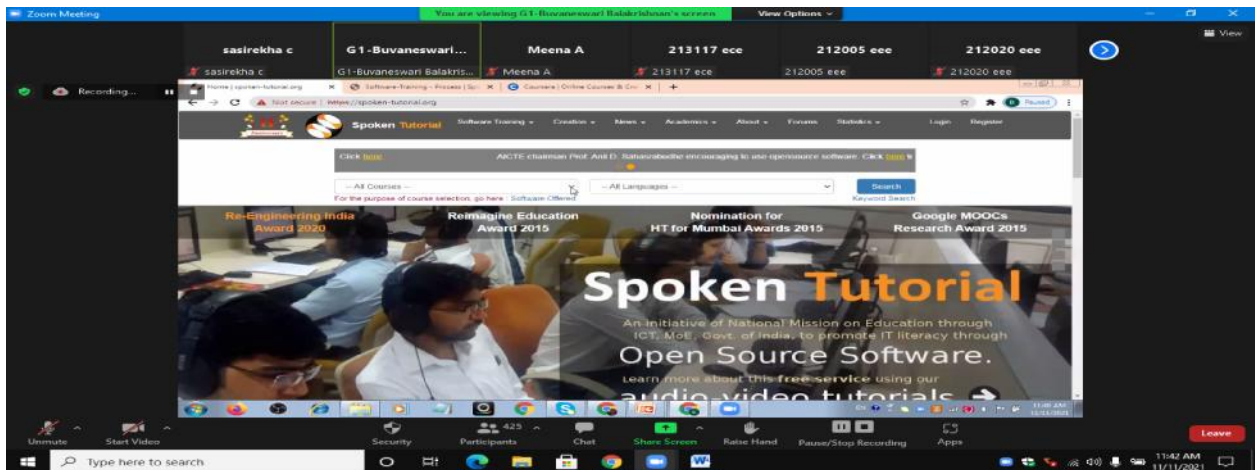
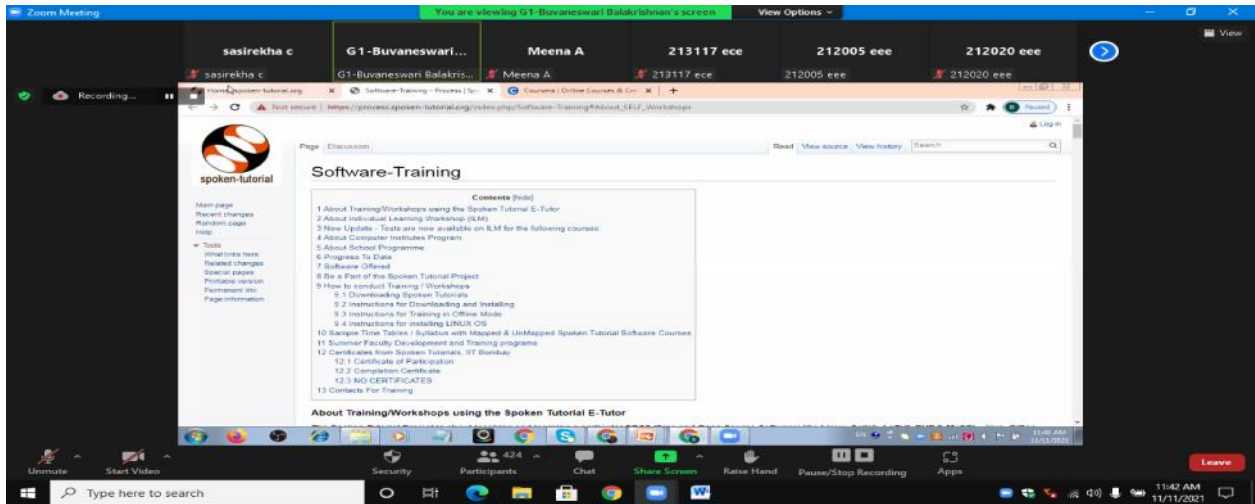
Zoom Meeting Controls: Unmute, Start Video, Security, Participants (433), Chat, Share Screen, Raise Hand, Apps, More, Leave

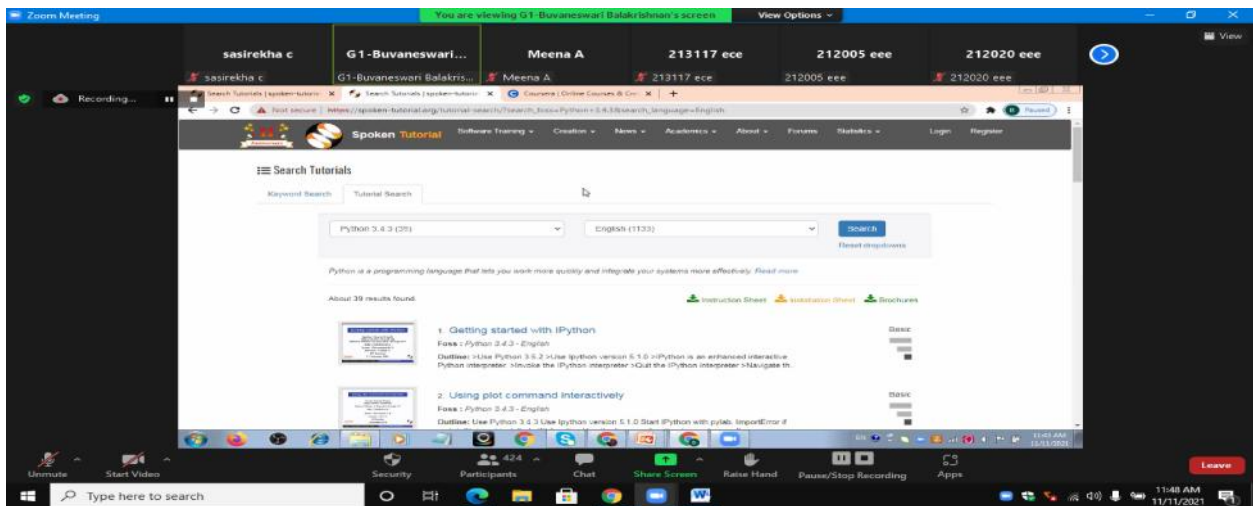
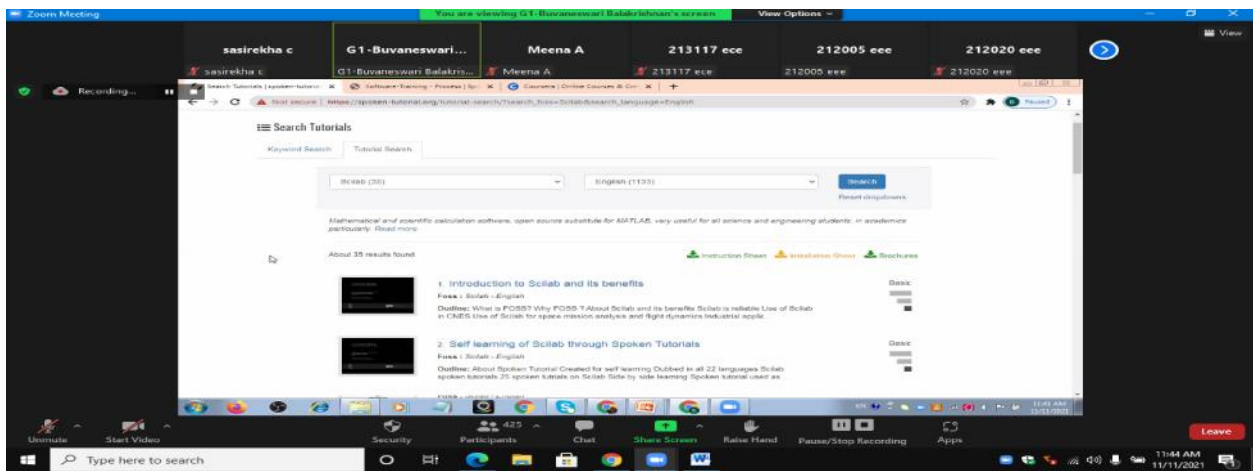
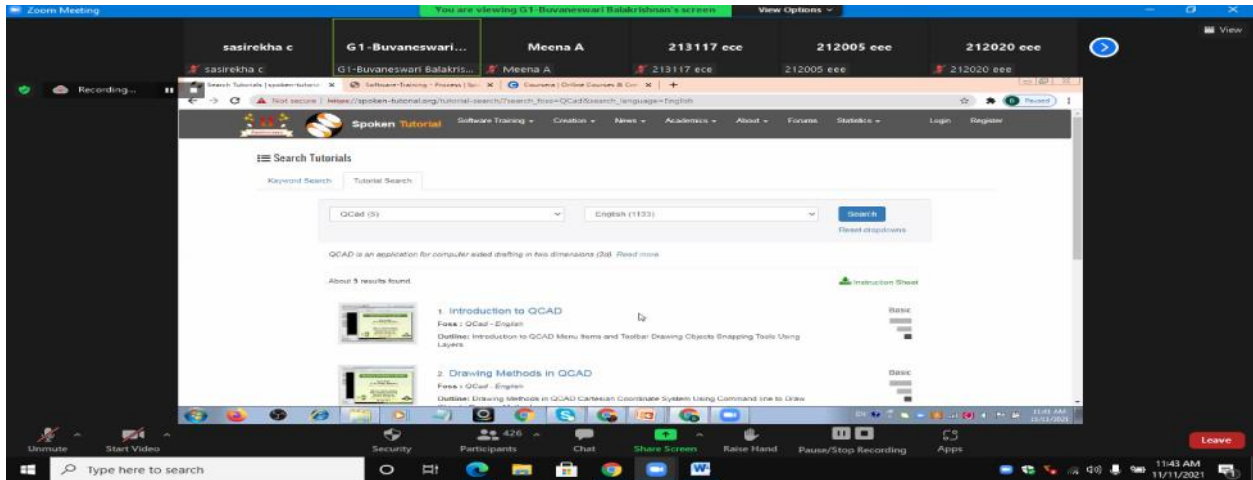
Windows Taskbar: Type here to search | 10:39 AM 11/11/2021

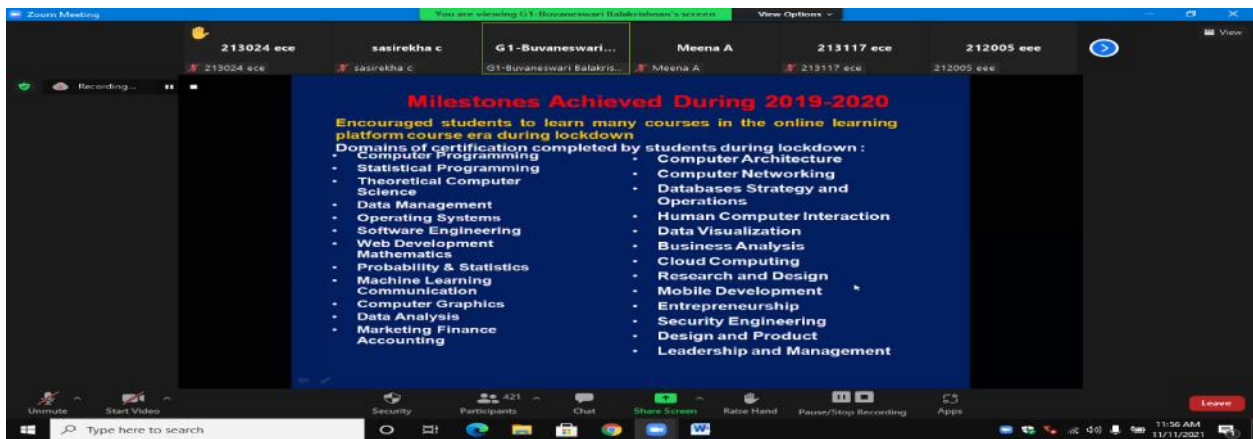
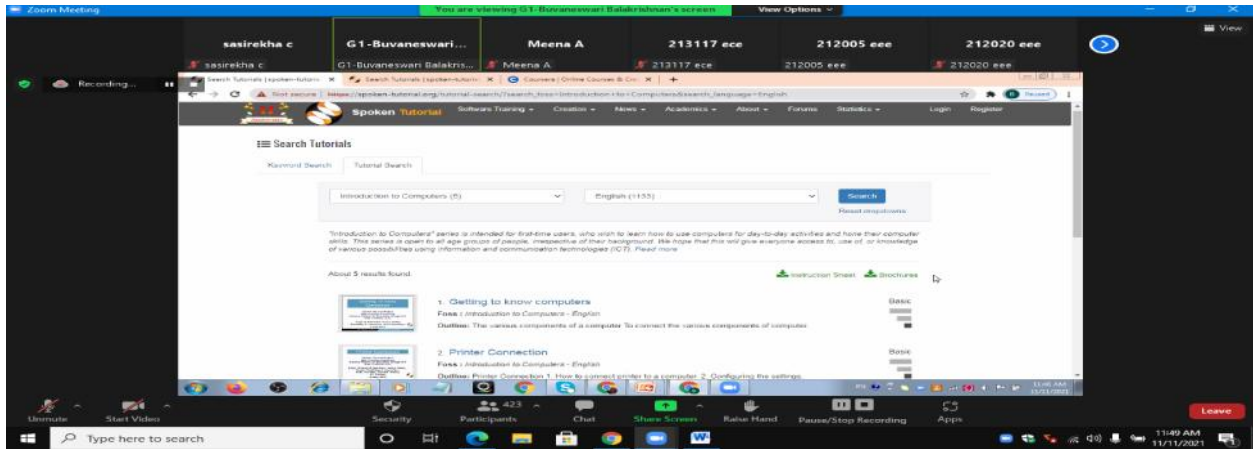
SESSION 2

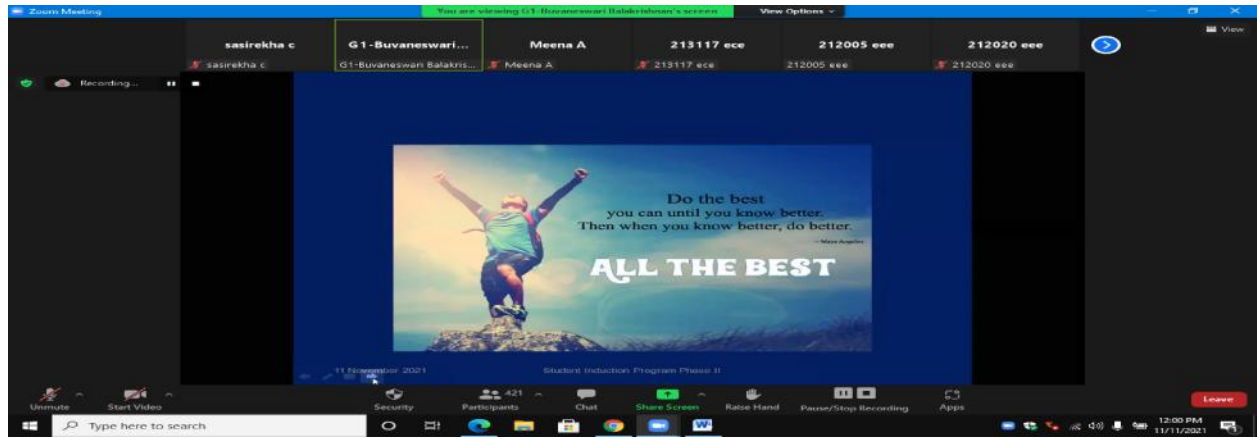
SELF LEARNING - SPOKEN TUTORIAL

Dr. B.BUVANESWARI, Associate Professor / ECE, KLNCE









SESSION 3:

COMPUTER FUNDAMENTALS

Dr. C. ASHOK BABURAJ, Associate Professor / MCA, KLNCE

COMPUTER FUNDAMENTALS

Presented BY

Dr.C.Ashok Baburaj
Associate Professor
MCA Department
KLNCE

Participants (153)

- sasirekha c (Co-host, me)
- KLN COLLEGE OF ENGIN... (Host)
- Dr. C. Ashok Baburaj (Co-host)
- Meena A (Co-host)
- 211005 mech
- 211015 mech
- 211024 mech
- 211026 mech
- 211033 mech
- 211038 mech
- 211039 mech
- 211043 mech
- 211301 mech
- 212002 eee

Computer is a programmed device with a group of instructions to perform specific tasks and generate results at a really high speed. A Computer is a machine that can solve difficult and different problems, process data, store & retrieve data and perform calculations faster and accurately as compared from humans.

Computer: A computer is a combination of **hardware and software** resources which integrate together and provides various functionalities to the user

Computer hardware is defined as the physical part or component of a computer system which can be seen, and touched. Example the processor, memory devices, monitor, keyboard etc..

Computer software can be defined as a set of instructions or collection of programs which are designed and developed to perform specific tasks

Components of Software:

There are three components of the software:

- 1. Program:**
A computer program is a list of instructions that tell a computer what to do.
- 2. Documentation:**
Source information about the product contained in design documents, detailed code comments, etc.
- 3. Operating Procedures:**
Set of step-by-step instructions compiled by an organization to help workers carry out complex routine operations.

Software
A set of instructions that drives computer to do stipulated tasks is called a program. Software can be categorized into two types –

- System software
- Application software

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 214307 CSE, 214327 cse PAN...

Recording...

System Software

System software operates directly on hardware devices of computer. It provides a platform to run an application. It provides and supports user functionality. Examples of system software include operating systems such as Windows, Linux, Unix, etc.

Application Software

An application software is designed for benefit of users to perform one or more tasks. Examples of application software include Microsoft Word, Excel, PowerPoint, Pay roll package etc.

Types of computers

- **Analog Computer**

Analog Computers are designed to process the analog data. Analog data is continuous data that changes continuously and cannot have discrete values such as speed, temperature, pressure and current. Speedometer and mercury thermometer are examples of analog computers.

Unmute | Start Video | Security | Participants (398) | Chat (Alt+H) | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 1:22 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 214307 CSE, 214327 cse PAN...

Recording...

- **Digital Computer**

Digital Computer is designed to perform calculations and logical operations at high speed. It accepts the raw data as digits or numbers and processes it with programs stored in its memory to produce output. All modern computers like laptops and desktops that we use at home or office are digital computers.
- **Hybrid Computer**

Hybrid Computer has features of both analog and digital computer. It is fast like analog computer and has memory and accuracy like digital computers. It can process both continuous and discrete data. So it is widely used in specialized applications where both analog and digital data is processed. For example, in Hospital analog devices might measure the patients temperature, blood pressure, etc. These measurements which are in analog might then be converted into numbers and supplied to digital components. In the system these components are used to monitor the patients vital sign and send signals if any abnormal readings are detected, hybrid computers are mainly used for specialized tasks.

Unmute | Start Video | Security | Participants (406) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 1:26 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 214307 CSE, 214327 cse PAN...

Recording...

Functional Components of a Digital Computer System

System – is defined as a Set of components that work together in order to accomplish a particular task. Ex of System – Computer System, Human System. Principle of system – Input—Process --Output

Zoom Meeting | 1:28 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 212041 ece

Recording...

Input Unit

The input unit performs the following functions.

1. It accepts (or reads) the list of instructions and data from the user.
2. It converts these instructions and data in computer acceptable format.
3. It supplies the converted instructions and data to the computer system for further processing.

Output Unit

The following functions are performed by an output unit.

1. It accepts the results produced by the computer which are in coded form and hence cannot be easily understood by us.
2. It converts these coded results to human acceptable (readable) form.
3. It supplies the converted results to the user.

Zoom Meeting | 1:36 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 212041 ece

Recording...

Memory Unit

Memory Unit or the **primary / main storage** of a computer system is designed to do all these things. It provides space for storing data and instructions, space for intermediate results and also space for the final results.

The specific functions of the storage unit are to store:

1. All the data to be processed and the instruction required for processing (received from input devices).
2. Intermediate results of processing.
3. Final results of processing before these results are released to an output device.

Zoom Meeting | 1:38 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Baburaj, Meena A (213325 ece), 212041 eee

Central Processing Unit (CPU)

The main unit inside the computer is the **CPU**. This unit is responsible for all events inside the computer. The control Unit and the Arithmetic and Logic unit of a computer system are jointly known as the Central Processing Unit (CPU). The CPU is the brain of any computer system. In a human body, all major decisions are taken by the brain and the other parts of the body function as directed by the brain. Similarly, in a computer system, all major calculations and comparisons are made inside the CPU

Arithmetic and Logic Unit (ALU)

The **arithmetic and logic unit (ALU)** of a computer system is the place where the actual execution of the instructions take place during the processing operations. All calculations are performed and all comparisons (decisions) are made in the **ALU**. The arithmetic and logic unit (ALU) is the part where actual computations take place. It consists of circuits that perform arithmetic operations (e.g. addition, subtraction, multiplication, division over data received from memory and capable to compare numbers (less than, equal to, or greater than).

1:39 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Baburaj, Meena A (213325 ece), 214041 cse

Control Unit

The control unit acts as a central nervous system for the other components of the computer. It manages and coordinates the entire computer system. It obtains instructions from the program stored in main memory, interprets the instructions, and issues signals that cause other units of the system to execute them. The control unit directs and controls the activities of the internal and external devices. It interprets the instructions fetched into the computer, determines what data, if any, are needed, where it is stored, where to store the results of the operation, and sends the control signals to the devices involved in the execution of the instructions.

1:43 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Baburaj, Meena A (213325 ece), 214005 CSE

Computer Bus Structure

Bus – A group of lines(wires) that serves as a connecting path for several devices is called a Bus.

System bus- This consists of data bus, address bus and control bus

Data bus(DB)- A bus which carries data to and from memory/IO is called as data bus

Address bus(AB)- This is used to carry the address of data in the memory

Control Bus(CB)- carries the control signals between the various units of the computer.

Ex: Memory Read/write, I/O Read/write

1:46 PM 11/11/2021

Processor contains number of registers.

Instruction register (IR)-holds instruction that is currently being executed.

Program counter(PC) -another register.

- Keeps track of execution of program.
- Contains memory address of next instruction to be executed.
- Increments PC by 1

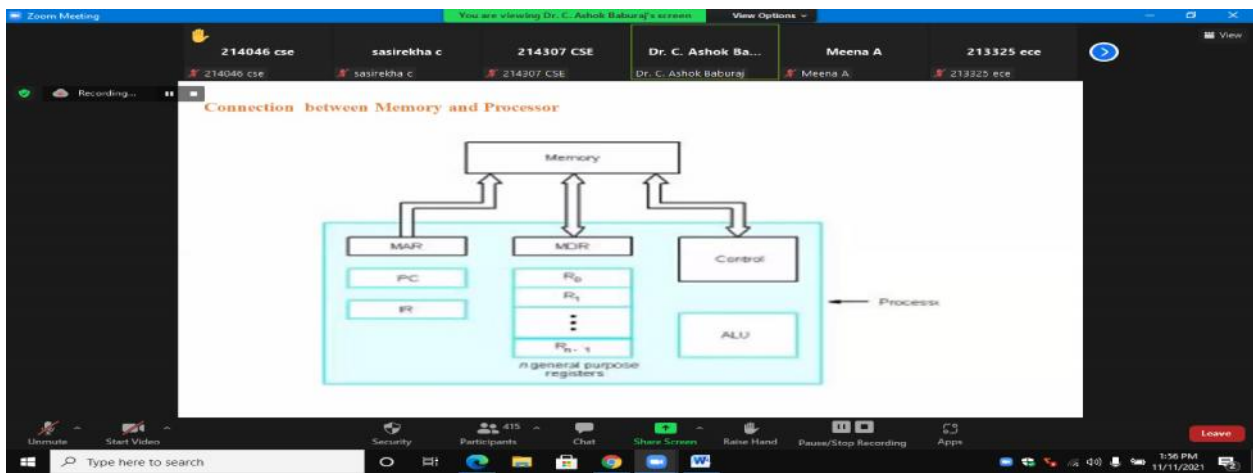
N-general purpose registers R0-Rn-1.

2 registers communicate with memory.

- MAR(Memory Address Register)**
- MDR(Memory Data Register)**

MAR - holds the address of location to be accessed.

MDR - contains data to be written into or read out of addressed location.



Memory Registers : A register is a temporary unit of memory in the CPU. These are used to store the data which is directly used by the processor. Registers can be of different sizes(16 bit, 32 bit, 64 bit and so on) and each register inside the CPU has a specific function like storing data, storing an instruction, storing address of a location in memory etc.

Memory Technology

A memory unit is the collection of storage units or devices together. The memory unit stores the binary information in the form of bits. Generally, memory/storage is classified into 2 categories:

- Volatile Memory**: This loses its data, when power is switched off.
- Non-Volatile Memory**: This is a permanent storage and does not lose any data when power is switched off.

The **Main Memory** occupies the central position because it is equipped to communicate directly with the CPU and with auxiliary memory devices through Input/output processor (I/O). It is a large and fast memory used to store data during computer operations.

When the program not residing in main memory is needed by the CPU, they are brought in from auxiliary memory.

Programs not currently needed in main memory are transferred into auxiliary memory to provide space in main memory for other programs that are currently in use.

The **cache memory** is a small fast memory inserted between Processor and Main Memory. It is used to store program data which is currently being executed in the CPU.

Auxiliary Memory

Devices that provide backup storage are called auxiliary memory.

For example: Magnetic disks and tapes are commonly used auxiliary devices. Other devices used as auxiliary memory are magnetic drums and optical disks.

It is not directly accessible to the CPU, and is accessed using the Input/Output channels.

Types of computer memory (RAM and ROM)

Memory is the most essential element of a computing system because without it computer can't perform simple tasks.

A memory is just like a human brain. It is used to store data and instructions.

Computer memory is the storage space in the computer, where data is to be processed and instructions required for processing are stored.

Random Access Memory (RAM) –

- It is also called as *read write memory* or the *main memory* or the *primary memory*.
- The programs and data that the CPU requires during execution of a program are stored in this memory.
- It is a volatile memory as the data loses when the power is turned off.

Read Only Memory (ROM) –

- Stores crucial information essential to operate the system, like the program essential to boot the computer.
- It is not volatile.
- Always retains its data.
- Used in embedded systems or where the programming needs no change.
- Used in calculators and peripheral devices.
- ROM is further classified into 3 types- *PROM*, *EPROM*, and *EEPROM*.

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 213001 ece

Recording...

Types of Read Only Memory (ROM) –

- 1. PROM (Programmable read-only memory)** – It can be programmed by user. Once programmed, the data and instructions in it cannot be changed.
- 2. EPROM (Erasable Programmable read only memory)** – It can be reprogrammed. To erase data from it, expose it to ultra violet light. To reprogram it, erase all the previous data.
- 3. EEPROM (Electrically erasable programmable read only memory)** – The data can be erased by applying electric field, no need of ultra violet light. We can erase only portions of the chip.

Unmute | Start Video | Security | Participants (406) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search

2:03 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 213001 ece

Recording...

RAM	ROM
1. Temporary Storage.	1. Permanent storage.
2. Store data in MBs.	2. Store data in GBs.
3. Volatile.	3. Non-volatile.
4. Used in normal operations.	4. Used for startup process of computer.
5. Writing data is faster.	5. Writing data is slower.

Difference between RAM and ROM

Unmute | Start Video | Security | Participants (407) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search

2:04 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Baburaj, Meena A, 213325 ece, 213001 ece

Recording...

Figure Data transfer from I/O device to CPU.

The diagram illustrates the data transfer process from an I/O device to a CPU. On the left, the CPU is connected to an Interface through four lines: a Data bus (bidirectional), an Address bus (pointing to the Interface), an I/O read signal (pointing to the Interface), and an I/O write signal (pointing to the Interface). The Interface contains two registers: a Data register and a Status register. The Status register includes a Flag bit (F). On the right, the I/O device is connected to the Interface via an I/O bus (bidirectional), a Data valid signal (pointing to the Interface), and a Data accepted signal (pointing to the I/O device).

F = Flag bit

Unmute | Start Video | Security | Participants (408) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search

2:05 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Baburaj, Meena A, 213325 ece, 213001 ece

INPUT / OUTPUT DEVICES

INPUT DEVICES

Following are some of the important input devices which are used in a computer –

- Keyboard
- Mouse
- Joy Stick
- Light pen
- Scanner
- Magnetic Ink Card Reader(MICR)
- Bar Code Reader

Unmute | Start Video | Security | Participants (400) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave


Type here to search | 2:11 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Baburaj, Meena A, 213325 ece, 213001 ece

Keyboard

Keyboard is the most common and very popular input device which helps to input data to the computer. The layout of the keyboard is like that of traditional typewriter, although there are some additional keys provided for performing additional functions.



Keyboards are of two sizes 84 keys or 101/102 keys, but now keyboards with 104 keys are also available for Windows and Internet.

Unmute | Start Video | Security | Participants (409) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 2:11 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Baburaj, Meena A, 213325 ece, 213001 ece


Mouse

Mouse is the most popular pointing device. It is a very famous cursor-control device having a small palm size box with a round ball at its base, which senses the movement of the mouse and sends corresponding signals to the CPU when the mouse buttons are pressed.

Generally, it has two buttons called the left and the right button and a wheel is present between the buttons. A mouse can be used to control the position of the cursor on the screen, but it cannot be used to enter text into the computer.

Advantages

- Easy to use
- Not very expensive
- Moves the cursor faster than the arrow keys of the keyboard.



Unmute | Start Video | Security | Participants (410) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 2:12 PM 11/11/2021


Zoom Meeting You are viewing Dr. C. Ashok Baburaj's screen View Options

sasirekha c 214307 CSE Dr. C. Ashok Ba... Meena A 213325 ece 213001 ece

Recording... sasirekha c 214307 CSE Dr. C. Ashok Baburaj Meena A 213325 ece 213001 ece

Joystick

Joystick is also a pointing device, which is used to move the cursor position on a monitor screen. It is a stick having a spherical ball at its both lower and upper ends. The lower spherical ball moves in a socket. The joystick can be moved in all four directions.



The function of the joystick is similar to that of a mouse. It is mainly used in Computer Aided Designing (CAD) and playing computer games.

Unmute Start Video Security Participants 410 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 2:13 PM 11/11/2021

Zoom Meeting You are viewing Dr. C. Ashok Baburaj's screen View Options

sasirekha c 214307 CSE Dr. C. Ashok Ba... Meena A 213325 ece 213001 ece

Recording... sasirekha c 214307 CSE Dr. C. Ashok Baburaj Meena A 213325 ece 213001 ece

Light Pen

Light pen is a pointing device similar to a pen. It is used to select a displayed menu item or draw pictures on the monitor screen. It consists of a photocell and an optical system placed in a small tube.



When the tip of a light pen is moved over the monitor screen and the pen button is pressed, its photocell sensing element detects the screen location and sends the corresponding signal to the CPU.

Unmute Start Video Security Participants 409 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 2:13 PM 11/11/2021

Zoom Meeting You are viewing Dr. C. Ashok Baburaj's screen View Options

sasirekha c 214307 CSE Dr. C. Ashok Ba... Meena A 213325 ece 213001 ece

Recording... sasirekha c 214307 CSE Dr. C. Ashok Baburaj Meena A 213325 ece 213001 ece

Scanner

Scanner is an input device, which works more like a photocopy machine. It is used when some information is available on paper and it is to be transferred to the hard disk of the computer for further manipulation.

Scanner captures images from the source which are then converted into a digital form that can be stored on the disk. These images can be edited before they are printed.



Unmute Start Video Security Participants 409 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave


Type here to search 2:13 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Ba..., Meena A, 213325 ece, 213001 ece

Magnetic Ink Card Reader (MICR)

MICR input device is generally used in banks as there are large number of cheques to be processed every day. The bank's code number and cheque number are printed on the cheques with a special type of ink that contains particles of magnetic material that are machine readal



This reading process is called Magnetic Ink Character Recognition (MICR). The main advantages of MICR is that it is fast and less error prone.

Unmute | Start Video | Security | Participants (409) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave


Type here to search | 2:14 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Ba..., Meena A, 213325 ece, 213001 ece

Bar Code Readers

Bar Code Reader is a device used for reading bar coded data (data in the form of light and dark lines). Bar coded data is generally used in labelling goods, numbering the books, etc. It may be a handheld scanner or may be embedded in a stationary scan



Bar Code Reader scans a bar code image, converts it into an alphanumeric value, which is then fed to the computer that the bar code reader is connected to.

Unmute | Start Video | Security | Participants (411) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 2:14 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c, 214307 CSE, Dr. C. Ashok Ba..., Meena A, 213325 ece, 213001 ece

OUTPUT DEVICES

Following are some of the important output devices used in a computer:

- Monitors
- Printers

Monitors

Monitors, commonly called as **Visual Display Unit (VDU)**, are the main output device of a computer. It forms images from tiny dots, called pixels that are arranged in a rectangular form. The sharpness of the image depends upon the number of pixels.

There are two kinds of viewing screen used for monitors.

- Cathode-Ray Tube (CRT)
- Flat-Panel Display

Unmute | Start Video | Security | Participants (410) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 2:15 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Ba..., Meena A (213325 ece), 213001 ece

Cathode-Ray Tube (CRT) Monitor

The CRT display is made up of small picture elements called pixels. The smaller the pixels, the better the image clarity or resolution.

A finite number of characters can be displayed on a screen at once. The screen can be divided into a series of character boxes - fixed location on the screen where a standard character can be placed. Most screens are capable of displaying 80 characters of data horizontally and 25 lines vertically. There are some disadvantages of CRT -

- Large in Size
- High power consumption



Zoom Meeting controls: Unmute, Start Video, Security, Participants (409), Chat, Share Screen, Raise Hand, Pause/Stop Recording, Apps, Leave

System tray: Type here to search, 2:16 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Ba..., Meena A (213325 ece), 213001 ece

Printers

Printer is an output device, which is used to print information on paper. There are two types of printers -

- Impact Printers
- Non-Impact Printers

Impact Printers

Impact printers print the characters by striking them on the ribbon, which is then pressed on the paper. Characteristics of Impact Printers are the following -

- Very low consumable costs
- Very noisy
- Useful for bulk printing due to low cost

Zoom Meeting controls: Unmute, Start Video, Security, Participants (409), Chat, Share Screen, Raise Hand, Pause/Stop Recording, Apps, Leave


System tray: Type here to search, 2:18 PM 11/11/2021

Zoom Meeting | You are viewing Dr. C. Ashok Baburaj's screen | View Options

Participants: sasirekha c (214307 CSE), Dr. C. Ashok Ba..., Meena A (213325 ece), 213001 ece

Inkjet Printers

Inkjet printers are non-impact character printers based on a relatively new technology. They print characters by spraying small drops of ink onto paper. Inkjet printers produce high quality output with presentable features.



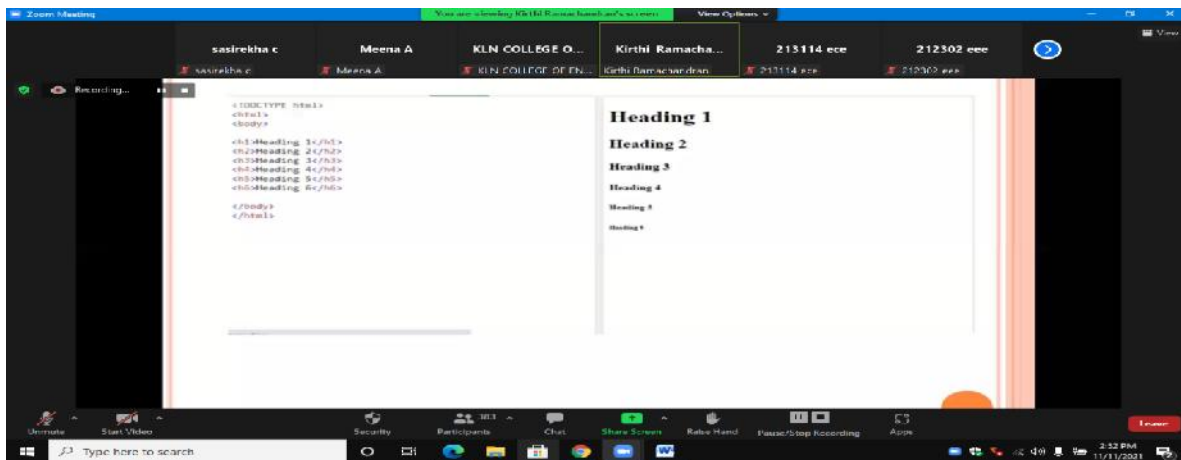
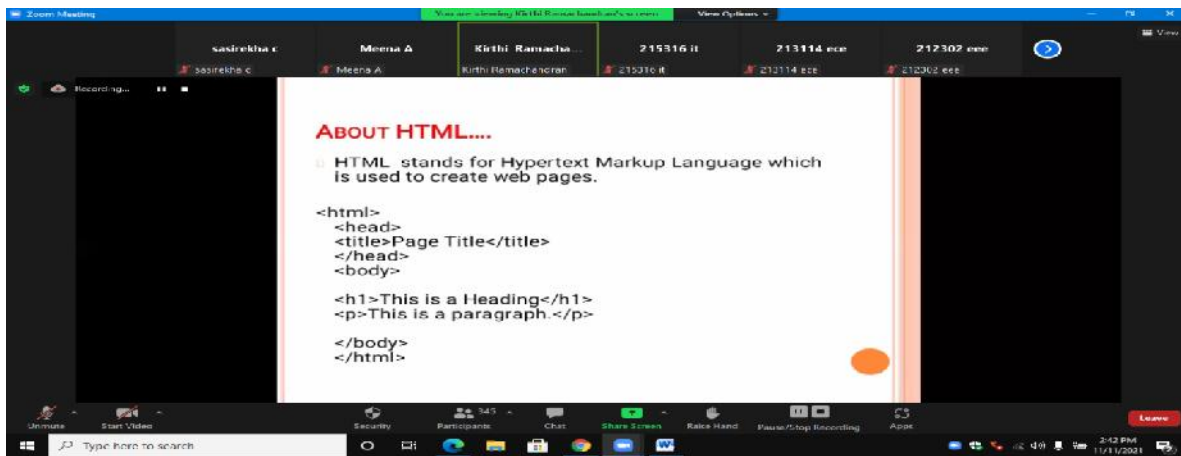
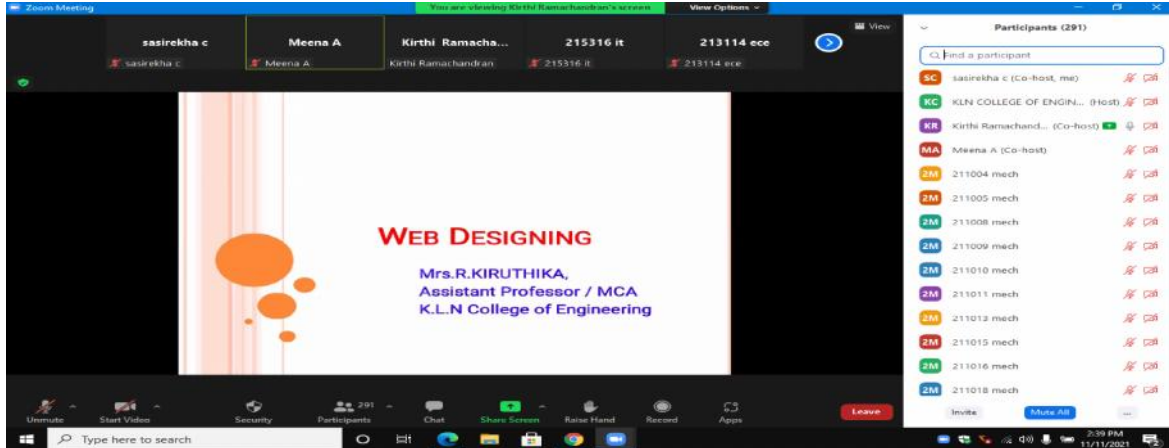
Zoom Meeting controls: Unmute, Start Video, Security, Participants (403), Chat, Share Screen, Raise Hand, Pause/Stop Recording, Apps, Leave

System tray: Type here to search, 2:20 PM 11/11/2021

SESSION 4:

WEB DESIGNING

Mrs.R. KIRUTHIKA , Assistant Professor / MCA, KLNCE



Zoom Meeting You are viewing Kirthi Ramachandran's screen View Options

sasirekha c Meena A KLN COLLEGE O... Kirthi Ramacha... 213114 ece 212302 eee

Recording... sasirekha c Meena A KLN COLLEGE OF EN... Kirthi Ramachandran 213114 ece 212302 eee

Html paragraphs - The HTML <p> element defines a paragraph. A paragraph always starts on a new line, and browsers automatically add some white space (a margin) before and after a paragraph.

Example:
<p>This is a paragraph.</p>
<p>This is another paragraph.</p>

Unmute Start Video Security Participants 387 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 2:53 PM 11/11/2021

Zoom Meeting You are viewing Kirthi Ramachandran's screen View Options

sasirekha c Meena A KLN COLLEGE O... Kirthi Ramacha... 213114 ece 212302 eee

Recording... sasirekha c Meena A KLN COLLEGE OF EN... Kirthi Ramachandran 213114 ece 212302 eee

HTML TEXT FORMATTING - HTML CONTAINS SEVERAL ELEMENTS FOR DEFINING TEXT WITH A SPECIAL MEANING.

```
<!DOCTYPE html>
<html>
<body>
<p><b>This text is bold.</b></p>
<p><i>This text is italic.</i></p>
<p><u>This text has underline.</u></p>
<p><sub>This text has subscript.</sub></p>
<p><sup>This text has superscript.</sup></p>
</body>
</html>
```

This text is bold
This text is italic
This text has underline

Unmute Start Video Security Participants 390 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 3:03 PM 11/11/2021

Zoom Meeting You are viewing Kirthi Ramachandran's screen View Options

sasirekha c Meena A KLN COLLEGE O... Kirthi Ramacha... 213114 ece 212302 eee

Recording... sasirekha c Meena A KLN COLLEGE OF EN... Kirthi Ramachandran 213114 ece 212302 eee

HTML AND ELEMENTS

- The HTML element defines bold text.
- The HTML element defines text with strong importance. The content inside is typically displayed in bold.

Unmute Start Video Security Participants 393 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 3:05 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 eee

```
<!DOCTYPE html>
<html>
<body>

<p>This text is normal.</p>

<p><b>This text is bold.</b></p>

</body>
</html>
```

This text is normal.
This text is bold.

Unmute | Start Video | Security | Participants (397) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:06 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 eee

HTML SVG AND CANVAS

- SVG stands for Scalable Vector Graphics
- SVG is used to define graphics for the Web
- The HTML `<svg>` element is a container for SVG graphics.
- SVG has several methods for drawing paths, boxes, circles, text, and graphic images.

Unmute | Start Video | Security | Participants (396) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:14 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

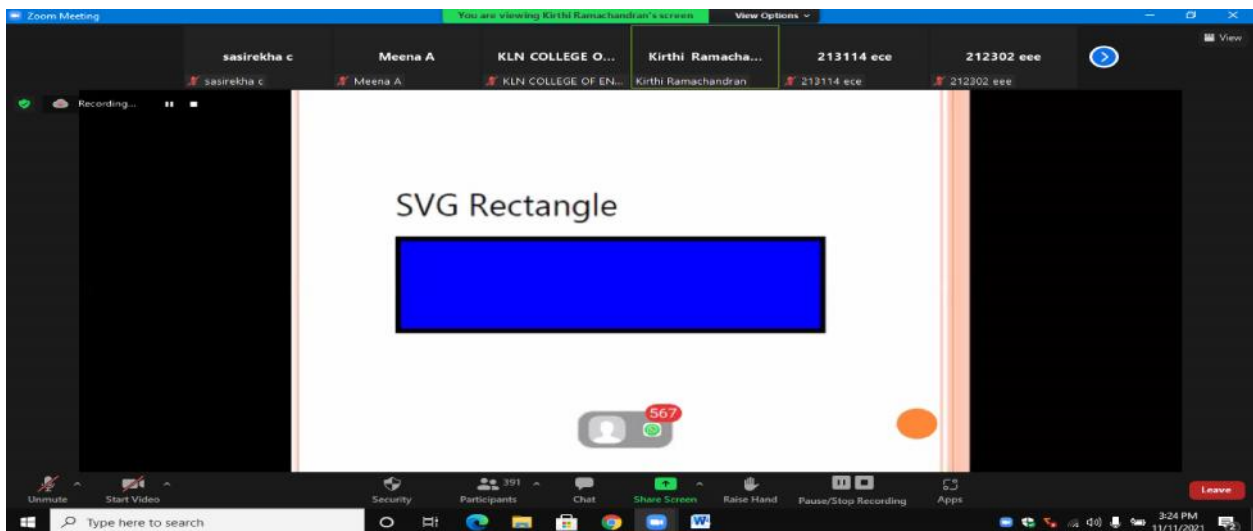
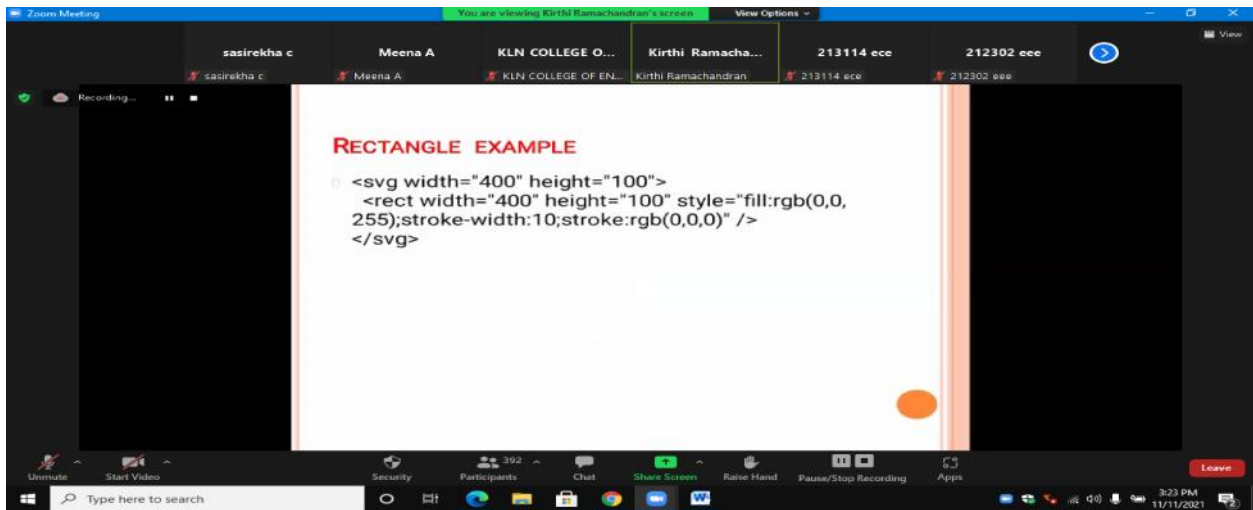
Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 eee

CIRCLE EXAMPLE

```
<html>
<body>
<svg width="100" height="100">
<circle cx="50" cy="50" r="40" stroke="green" stroke-
width="4" fill="yellow" />
</svg>
</body>
</html>
```

Unmute | Start Video | Security | Participants (396) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:18 PM 11/11/2021




Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

sasirekha c | Meena A | KLN COLLEGE O... | Kirthi Ramacha... | 213114 ece | 212302 eee

Recording... | sasirekha c | Meena A | KLN COLLEGE OF EN... | Kirthi Ramachandran | 213114 ece | 212302 eee

ROUNDED RECTANGLE

```
<svg width="400" height="180">
  <rect x="50" y="20" rx="20" ry="20" width="150"
  height="150"
  style="fill:red;stroke:black;stroke-width:5;" />
</svg>
```



Unmute | Start Video | Security | Participants | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave


Type here to search | 3:24 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

sasirekha c | Meena A | KLN COLLEGE O... | Kirthi Ramacha... | 213114 ece | 212302 eee

Recording... | sasirekha c | Meena A | KLN COLLEGE OF EN... | Kirthi Ramachandran | 213114 ece | 212302 eee

SVG Rounded Rectangle



Unmute | Start Video | Security | Participants | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:24 PM 11/11/2021


Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

sasirekha c | Meena A | KLN COLLEGE O... | Kirthi Ramacha... | 213114 ece | 212302 eee

Recording... | sasirekha c | Meena A | KLN COLLEGE OF EN... | Kirthi Ramachandran | 213114 ece | 212302 eee

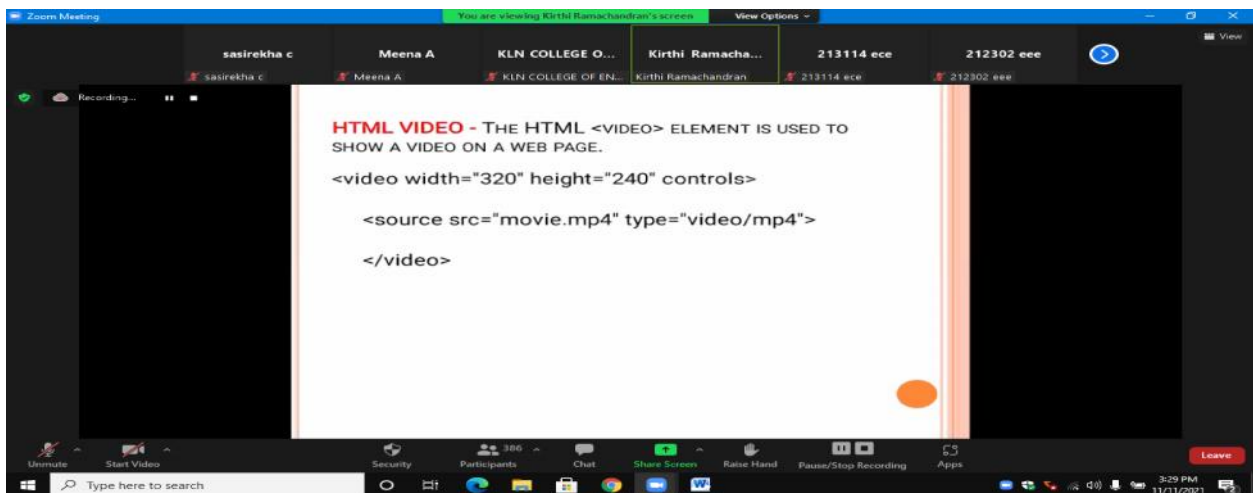
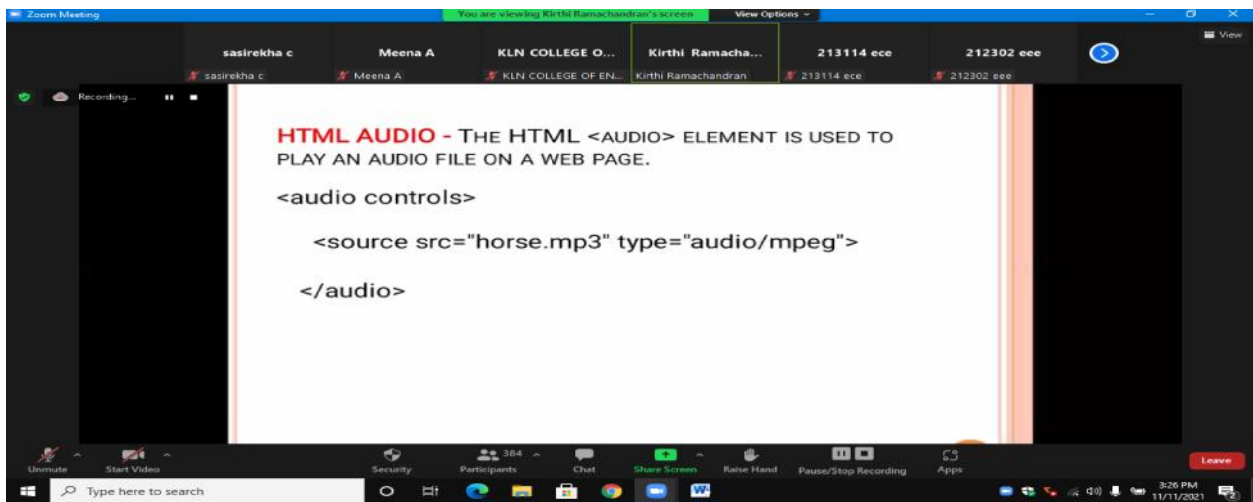
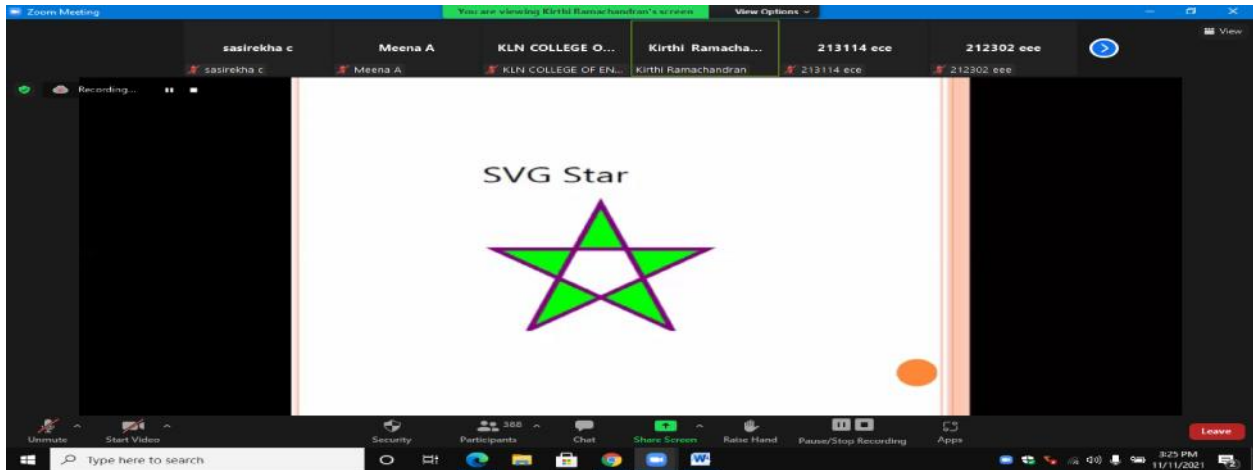
SVG STAR

```
<svg width="300" height="200">
  <polygon points="100,10 40,198 190,78 10,78 160,
  198"
  style="fill:lime;stroke:purple;stroke-width:5;fill-rule:
  evenodd;" />
</svg>
```



Unmute | Start Video | Security | Participants | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:24 PM 11/11/2021



Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 ece

HOW IT WORKS...

- ❑ The controls attribute adds video controls, like play, pause, and volume.
- ❑ It is a good idea to always include width and height attributes. If height and width are not set, the page might flicker while the video loads.
- ❑ The <source> element allows you to specify alternative video files which the browser may choose from. The browser will use the first recognized format.
- ❑ The text between the <video> and </video> tags will only be displayed in browsers that do not support the <video> element.

Unmute | Start Video | Security | Participants (387) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:32 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 ece

HTML Video Tags

Tag	Description
<video>	Defines a video or movie
<source>	Defines multiple media resources for media elements, such as <video> and <audio>
<track>	Defines text tracks in media players

Unmute | Start Video | Security | Participants (386) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:32 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 ece

CSS3 - CSS3 IS COLLABORATION OF CSS2 SPECIFICATIONS AND NEW SPECIFICATIONS, WE CAN CALLED THIS COLLABORATION IS MODULE. SOME OF THE MODULES ARE SHOWN BELOW -

- ❑ Selectors
- ❑ Box Model
- ❑ Backgrounds
- ❑ Image Values and Replaced Content
- ❑ Text Effects
- ❑ 2D Transformations
- ❑ 3D Transformations
- ❑ Animations
- ❑ Multiple Column Layout
- ❑ User Interface

Unmute | Start Video | Security | Participants (385) | Chat | Share Screen | Raise Hand | Pause/Stop Recording | Apps | Leave

Type here to search | 3:32 PM 11/11/2021

Zoom Meeting You are viewing Kirthi Ramachandran's screen View Options

sasirekha c Meena A KLN COLLEGE O... Kirthi Ramacha... 213114 ece 212302 ece

Recording... sasirekha c Meena A KLN COLLEGE OF EN... Kirthi Ramachandran 213114 ece 212302 ece

BACKGROUND COLOR - THE BACKGROUND-COLOR PROPERTY SPECIFIES THE BACKGROUND COLOR OF AN ELEMENT.

```
h1 {
  background-color: green;
}
div {
  background-color: lightblue;
}
p {
  background-color: yellow;
}
```

Unmute Start Video Security Participants 377 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 3:37 PM 11/11/2021

Zoom Meeting You are viewing Kirthi Ramachandran's screen View Options

sasirekha c Meena A KLN COLLEGE O... Kirthi Ramacha... 213114 ece 212302 ece

Recording... sasirekha c Meena A KLN COLLEGE OF EN... Kirthi Ramachandran 213114 ece 212302 ece

THE **BACKGROUND-IMAGE** PROPERTY SPECIFIES AN IMAGE TO USE AS THE BACKGROUND OF AN ELEMENT. BY DEFAULT, THE IMAGE IS REPEATED SO IT COVERS THE ENTIRE ELEMENT.

Example:

```
Body
{
  background-image: url("gradient_bg.png");
  background-repeat: repeat-x;
}
```

Unmute Start Video Security Participants 376 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 3:40 PM 11/11/2021

Zoom Meeting You are viewing Kirthi Ramachandran's screen View Options

sasirekha c Meena A KLN COLLEGE O... Kirthi Ramacha... 213114 ece 212302 ece

Recording... sasirekha c Meena A KLN COLLEGE OF EN... Kirthi Ramachandran 213114 ece 212302 ece

BACKGROUND IMAGE - FIXED POSITION

To specify that the background image should be fixed (will not scroll with the rest of the page), use the background-attachment property

Unmute Start Video Security Participants 375 Chat Share Screen Raise Hand Pause/Stop Recording Apps Leave

Type here to search 3:40 PM 11/11/2021

Zoom Meeting | You are viewing Kirthi Ramachandran's screen | View Options

Participants: sasirekha c, Meena A, KLN COLLEGE O..., Kirthi Ramacha..., 213114 ece, 212302 ece

BACKGROUND PROPERTIES

Property	Description
background	Sets all the background properties in one declaration
background-attachment	Sets whether a background image is fixed or scrolls with the rest of the page
background-clip	Specifies the painting area of the background
background-color	Sets the background color of an element

Zoom Meeting Controls: Unmute, Start Video, Security, Participants (374), Chat, Share Screen, Raise Hand, Pause/Stop Recording, Apps, Leave

System Tray: Type here to search, 3:41 PM, 11/11/2021

K. L. N. COLLEGE OF ENGINEERING, POTTAPALAYAM - 630612
(An Autonomous Institution, Affiliated to Anna University, Chennai)
STUDENT INDUCTION PROGRAM (SIP) - UHV – PHASE-2

2021-2025 BATCH

12.11.2021 (Day 5) - Session I (9:30 AM to 10:45 AM)

AUTONOMOUS REGULATIONS

Delivered by: **Prof. S. Nagammai HOD / EIE**

The screenshot shows a Zoom meeting interface. The main content is a slide with the following text:

STUDENT COUNSELLOR

- To guide student enrolment and registration of the courses.
- To monitor the **academic performance** of the students and to counsel them accordingly.
- To collect and maintain the **academic and co-curricular records** of the students.

9. CLASS COMMITTEE

- Academic mentor/Chairperson conducts class committee and invites **HOD, Class Coordinators, Course Handlers of the Class and Student representatives.**
- Clarification regarding degree programme, regulations is discussed.
- Requirements of the students & their performance** after each test is analyzed and correspondingly action plan is discussed.
- Chairperson displays the **cumulative attendance** of all students in notice board to enable the students to know their percentage of attendance.

At the bottom of the slide, it says "11/11/2021 Academic Council Meeting 14".

Overlaid on the right is a Zoom participants window titled "Participants (428)". It lists several participants including THANGASANKARAN R (Host, me), nagammai s (Co-host), Jeniba (Co-host), JEYA LAKSHMILM AP/Maths (Co-host), and KLN COLLEGE OF ENGINEERING (Co-host). There are icons for mute, video, and chat for each participant.

The screenshot shows a Zoom meeting interface. The main content is a slide with the following text:

10. COURSE COMMITTEE FOR COMMON COURSES

- Theory & Practical courses handled by more than one course handler shall have Course Committee Meeting.
- One senior faculty will be nominated as Course Coordinator by **Course Coordination Committee (CCC).**
- Meeting shall be held fifteen days before commencement of semester.
- PAC recommendations** and common assessment methods are followed to improve Teaching Learning Process.

11. SYSTEM OF EXAMINATION - KLNCE R2020

- Performance evaluated based on continuous internal assessment and end semester examination.
- Both theory and Practical courses shall be evaluated for 100 marks with continuous **internal carry 30 marks and 70 marks for end semester exam.**
- Project viva-voce examination conducted separately by a committee consisting of the external examiner, the supervisor of the project group and an internal examiner.

Overlaid on the right is a Zoom participants window titled "Participants (429)". It lists several participants including THANGASANKARAN R (Host, me), nagammai s (Co-host), Jeniba (Co-host), JEYA LAKSHMILM AP/Maths (Co-host), and KLN COLLEGE OF ENGINEERING (Co-host). There are icons for mute, video, and chat for each participant.

With the blessings of our founder president Amaras Shri.K.L.N. Krishnan sir, and with the support of our College Management and with the guidance of our most respected Principal Sir, the 5th day of the six days online First Year Student Induction Program, Universal Human Values – Phase – 2, for the fresh 2021-2025 batch students, was organized in ZOOM Meetings. Mr.R.Thangasankaran AP/EEE welcomed the students. The Program was coordinated by Dr.R.M.Satheesh Kumar HOD/AUE and Mr.R.Naveenkarthick AP/CSE and Mrs.Jeyalakshmi AP/Maths hosted the complete session. Prof. S. Nagammai, head of EIE department delivered a lecture on the topic “Autonomous Regulations”. In that session, she gave a clear view on all the different aspects of R2020 regulation of KLNCE.

The screenshot shows a Zoom meeting interface. At the top, there are participant names: THANGASANKARA..., KLN COLLEGE O..., 213318 ECE, nagammai s, 214340 cse, and 213002 ece. The main content is a slide with the following text:

INDUSTRIAL TRAINING – UG & PG
students may undergo either Industrial Training or Internship during Summer/Winter Vacation over and above the total credit requirement prescribed in the curriculum for the award of the degree
2 weeks - 1 credit
4 weeks - 2 credits

INDUSTRIAL VISIT – UG
Minimum one Industrial Visit starting from third semester.

VALUE ADDED COURSES – UG & PG (KLNCE)
students have to undergo either One-Credit (15 periods) / Two-Credit (30 periods) courses (over and above the total credits) should be offered by the departments, during pre-final year of the programme.

ONLINE COURSES – UG & PG (KLNCE)
Online courses provided with certificates (Approved by Standing Committee of Academic Council) instead of elective courses can be registered for credit transfer.

MEDIUM OF INSTRUCTION - ENGLISH

The Zoom interface also shows controls for Unmute, Start Video, Security, Participants (419), Chat, Share Screen, Raise Hand, Record, and an End button. The Windows taskbar at the bottom shows the search bar, system tray, and the date 12-11-2021 at 10:00.

12.11.2021 (Day 5) - Session II (11:00 AM to 12:45 PM)

JOY OF LEARNING

Delivered by: Mr.G.Roy Antony Arnold, Lead ETA, INFOSYS

In this session, the resource person Mr.G.Roy Antony Arnold, expressed his various thoughts over the topic Joy of Learning.

Zoom Meeting You are viewing Roy Arnold's screen View Options

THANGASANKA... KLN COLLEGE O... Naveen Karthick 213330 ece 213043 ece

THANGASANKARAN R Roy Arnold KLN COLLEGE OF EN... Naveen Karthick 213330 ece 213043 ece

Recording...

THE JOY OF LEARNING

Roy Antony Arnold
Senior Consultant,
Infosys - Chennai

Unmute Start Video Security Participants 400 Chat Share Screen Raise Hand Pause/Stop Recording End

Type here to search ENG 11:12 12-11-2021

Zoom Meeting Zoom Leave

Interesting Journey...

1957 – John and Paul meet and form the band "The Quarry Men"

1960 – Play in Hamburg, Germany for four months. Performed 5 Hrs every night

1964 – Took four more trips to Hamburg. First burst of success arrive after an estimated 1200 shows

1965 – The Beatles arrive in America they have logged over 10000 hrs on stage

1968 – Bill Gates joins Computer Club and completes first program at age 13

1971 – Spends all his free time in the computer center at University of Washington

BillGatesWindows.com

Unmute Start Video Participants 362 More

12.11.2021 (Day 5) - Session III & IV (1:30 PM to 03:45 PM)

ACTIVITIES OF IIPC @ KLNCE

Delivered by: **Dr.S.Parthasarathy, IIPC Chief Coordinator, Prof. / EEE**

You are viewing Dr.PARTHA's screen View Options

K.L.N. COLLEGE OF ENGINEERING
(An Autonomous Institution)
Industry Institute Partnership Cell (IIPC)



Industry Institute Interaction
@ KLNCE



12.11.2021-First Year Induction Programme

Dr. S.Parthasarathy, M.E, Ph.D.,
Prof / EEE & Head QC-Industrial Relations/KLNCE
K.L.N. College of Engineering,
Tamil Nadu, India.



Dr.PARTHA

Unmute Start Video Security Participants 361 Chat Share Screen Raise Hand Record End



Zoom Meeting You are viewing Dr.PARTHA's screen View Options

THANGASANKA... KLN COLLEGE O... 215034 it 214041 cse 213002 ece

Dr.PARTHA THANGASANKARAN R KLN COLLEGE OF EN... 215034 it 214041 cse 213002 ece



Helps to needy one
Team Sprit Curious
Positive Thinking
Professional Thoughtful
@ Madurai !!



Devoted
Lively
Energetic
Strong

Madurai's oldest school being developed into a model higher secondary school

Unmute Start Video Security Participants 389 Chat Share Screen Raise Hand Record End

Type here to search

14:10 12-11-2021

You are viewing Dr.PARTHA's screen View Options

RIGHT →
← WRONG

Morality VS Ethics

Dr.PARTHA

12 November 2021 Dr.Partha / 1Ys Induction Prog 13

Unmute Start Video Security Participants 385 Chat Share Screen Raise Hand Record End

Zoom Meeting You are viewing Dr.PARTHA's screen View Options

THANGASANKA... KLN COLLEGE O... 215034 it 214041 cse 213002 ece

Dr.PARTHA THANGASANKARAN R KLN COLLEGE OF EN... 215034 it 214041 cse 213002 ece

DO YOU SPEAK ENGLISH?

Communication Skills

Thailand Trip / Israel Trip

Unmute Start Video Security Participants 384 Chat Share Screen Raise Hand Record End

Type here to search

ENG 14:17 12-11-2021

Zoom Meeting | You are viewing Dr.PARTHA's screen | View Options

THANGASANKA... KLN COLLEGE O... 215034 it 214041 cse 213002 ece

Dr.PARTHA THANGASANKARAN R KLN COLLEGE OF EN... 215034 it 214041 cse 213002 ece

UNDER GROUND SEWAGE MANAGEMENT SYSTEM

K.L.N. COLLEGE OF ENGINEERING

An Autonomous Institution, Affiliated to Anna University, Chennai
Pottapalayam - 630 612, Sivagangal District, Tamilnadu.

Department of Electrical and Electronics Engineering

Research Project Funded by
DEPARTMENT OF SCIENCE & TECHNOLOGY (DST), NEW DELHI

Project Title : Design & Development of Sensor Based Sewage Block Remover and Management System

Order No. DST / TDT / DDP - 02/2018 Dated : 09.08.2018
Project Duration : 2 Years (2018-2020)

Principal Investigator :
Dr. S. Parthasarathy, Prof / EEE, Head - Industrial Relations / KLNCE

Co-PI : **Dr. D. Pradeep Kannan**, Prof / E & I / KLNCE
Co-PI : **Prof. S. Nallathambi**, AP / Mech / KLNCE



Raising a stink

No. of deaths while cleaning sewers and septic tanks in the last five years

2015	57
2016	48
2017	93
2018	68
2019	112

Unmute Start Video Security Participants 390 Chat 2 Share Screen Raise Hand Record End

Type here to search | 14:41 12-11-2021





Zoom Meeting | You are viewing Dr.PARTHA's screen | View Options

THANGASANKA... KLN COLLEGE O... 215034 it 214041 cse 213002 ece

Dr.PARTHA THANGASANKARAN R KLN COLLEGE OF EN... 215034 it 214041 cse 213002 ece

EEE,ECE

EEE,ECE

Mech

EEE,ECE, CSE,IT

Unmute Start Video Security Participants 391 Chat 2 Share Screen Raise Hand Record End

Type here to search | 14:42 12-11-2021

K. L. N. COLLEGE OF ENGINEERING, POTTAPALAYAM - 630612
(An Autonomous Institution, Affiliated to Anna University, Chennai)
STUDENT INDUCTION PROGRAM SIP – PHASE-2
13.11.2021 (Day 5) - Session I (9.30 am to 10.45 am)
Autonomous Examination System by Dr.P.R.Vijayalakshmi,Prof & Head/CSE & COE

Outcome Based Education by Dr.S.Miruna Joe Amali,Prof/IT

EXAMINATION AND EVALUATION SYSTEM

Theory , Practical and Theory cum Practical course

Internal Assessment	30%
End Semester Examinations	70%
Grading System	O , A+, A, B+, B SA – Shortage of attendance W – withdrawal
Passing Requirements	50%

Internal Assessment Evaluation

Theory Courses	Practical Courses	Theory cum Practical Courses
3 CA tests – each 100 marks – proportionally reduced to 30 marks	Doing Experiments , Observation & Record maintenance - 70 marks Test / Model Exam – 30 marks Total (100 marks) - reduced to 30 marks	3 CA tests – each 100 marks Test 1 & 2 – Theory portions – reduced to 60 marks Test 3 – Laboratory component – reduced to 40 marks Total (100 marks) - reduced to 30 marks

Outcome Based Education (OBE)

- Starting with a **clear picture** of what is important for students to be **able to do...**
- Then organizing the **curriculum, delivery** and **assessment** to make sure learning happens...

Zoom Meeting

Dr. Ramesh S 213002 ece Miruna Joe Amali 213330 ece 214022 cse KLNCE

Recording

Reflections on Teaching and Learning

Bloom's Taxonomy

KLNCE I YEAR - SIP - AY 2021-22

10:22 AM 11/13/2021

Zoom Meeting (Not Responding)

Dr. Ramesh S Vijayalakshmi P.R. Miruna Joe Amali KLN COLLEGE O... 216006 aids 213002 ece

Recording...

The OBE Framework

The OBE Framework diagram illustrates the following components and flow:

- Industry and professional orgs INPUTS & FEEDBACK** (External input)
- INSTITUTION LEVEL:** Mission/Vision EGA
- PROGRAM LEVEL:** PEO (Program Educational Objectives), Student Outcomes, PO (Program Outcomes)
- COURSE LEVEL:** Courses Learning Outcomes, CO (Course Outcomes)
- COURSE PLANNING & DELIVERY:** Syllabus, Teaching Methods, Learning Activities, Assessment Tools
- ASSESSMENT EVALUATION:** Institutional Assessment, Program Assessment, Course Assessment
- IMPROVEMENTS:** Feedback loop from Assessment Evaluation back to Institution, Program, and Course levels.


KLNCE I YEAR - SIP - AY 2021-22

10:12 AM 11/13/2021

13.11.2021 (Day 5) - Session II (11.00 am to 12.15 pm)
Maths Proficiency Testing by Department of Mathematics

Conducted test and shared link through chat box by Dr.G.B.Kannan,AP/Maths

11:23 Vo LTE 4G 33

Close Chat 

RAMASUBRAMANIAN.V to Everyone

sir
.. shall I start welcome address

KANNAN G B MATHS to Everyone


<https://forms.gle/6Gzc6jGg4k9V2ieW9>


thank you students


use G-suite id

<https://forms.gle/6Gzc6jGg4k9V2ieW9>

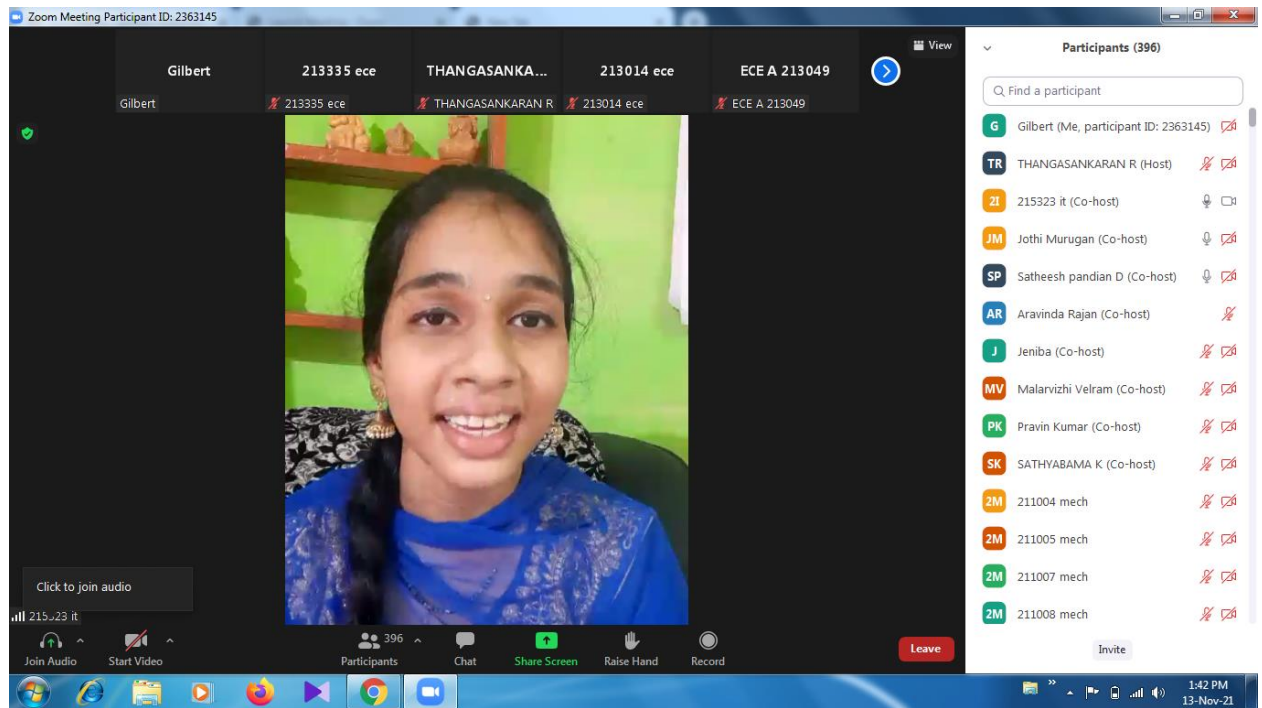
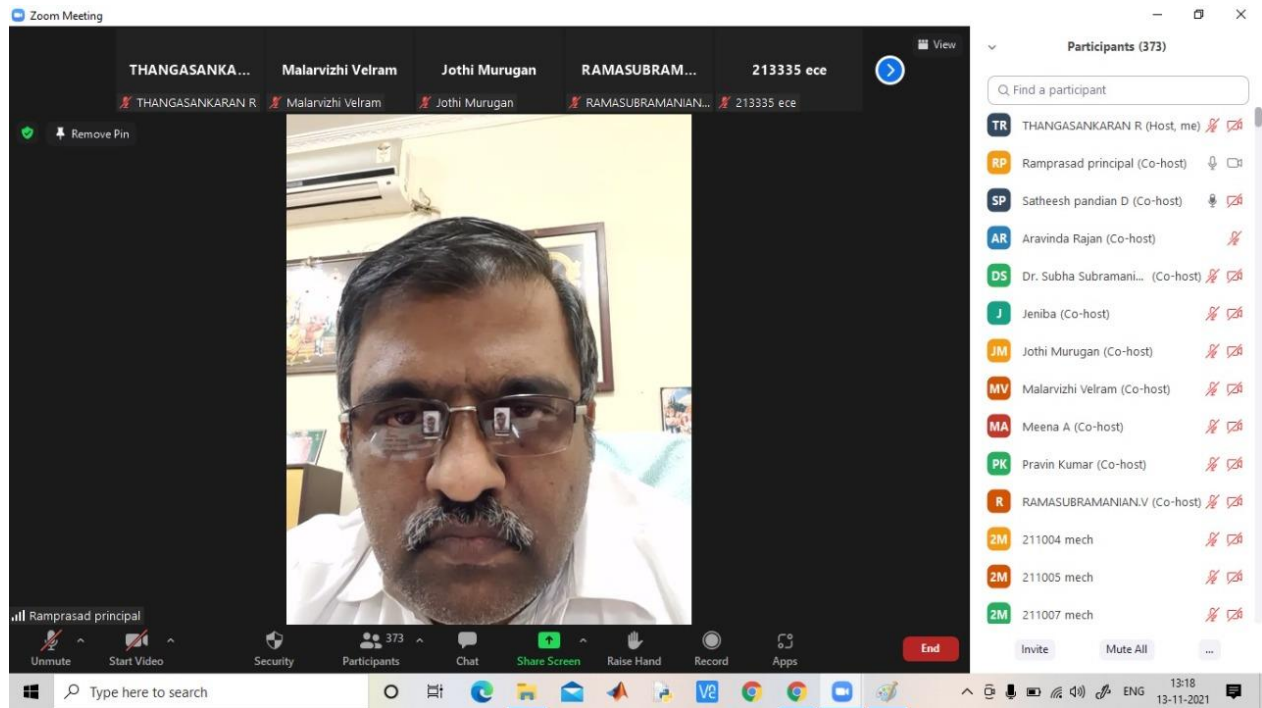
use G-suite Id given by college
other Id ask permission

Send to: Everyone 

Tap here to chat  Send

 Who can see your messages?

13.11.2021 (Day 5) - Session III & Session IV (01.00 pm to 03.45 pm)
Creative Practices Competition for students by Extra Curricular Activities Club by
Dr.D.Satheesh Pandian,ASP/Mech& Team



Zoom Meeting Screenshot 1: A Zoom meeting window with 399 participants. The main video shows a woman with a decorative background. The interface includes a top navigation bar, a participant list on the right, and a control bar at the bottom.

Participants (399)

Participant Name	Role	Audio	Video
jeniba (Me)		On	On
THANGASANKARAN R	Host	Off	Off
Aravinda Rajan	Co-host	Off	Off
212006 eee	Co-host	On	Off
Jothi Murugan	Co-host	Off	Off
Satheesh pandian D	Co-host	Off	Off
Pravin Kumar	Co-host	Off	Off
Jeniba	Co-host	Off	Off
214026 cse	Co-host	Off	Off
SATHYABAMA K	Co-host	Off	Off
Malarvizhi Velram	Co-host	Off	Off
213335 eee		Off	Off
215323 it		Off	Off

Control Bar: Join Audio, Start Video, Participants (399), Share Screen, Chat, Raise Hand, Settings, More, Leave.

System Tray: 1:48 PM, 13-Nov-21

Zoom Meeting Screenshot 2: A Zoom meeting window with 383 participants. The main video shows a man in a white jacket. The interface includes a top navigation bar, a participant list on the right, and a control bar at the bottom.

Participants (383)

Participant Name	Role	Audio	Video
THANGASANKARAN R	Host (me)	On	Off
211032 mech	Co-host	Off	Off
Pravin Kumar	Co-host	Off	Off
Satheesh pandian D	Co-host	Off	Off
Aravinda Rajan	Co-host	Off	Off
Dr. R. ASHOK KUMAR	Co-host	Off	Off
Dr. Ramesh S	Co-host	Off	Off
Malarvizhi Velram	Co-host	Off	Off
Meena A	Co-host	Off	Off
Pradeepkannan .D	Co-host	Off	Off
SATHYABAMA K	Co-host	Off	Off
211004 mech		Off	Off
211005 mech		Off	Off

Control Bar: Join Audio, Start Video, Participants (383), Share Screen, Chat, Raise Hand, Settings, More, Leave.

System Tray: 1:48 PM, 13-Nov-21

Zoom Meeting

THANGASANKA... 212311eee 213317 ece Dr. R. ASHOK K... Pradeepkannan .D

THANGASANKARAN R 212311eee 213317 ece Dr. R. ASHOK KUMAR Pradeepkannan .D

Recording...

Participants (385)

Q Find a participant

- TR THANGASANKA... (Host, me)
- 2E 213007 ece (Co-host)
- P Pradeepkannan .D (Co-host)
- 2E 212023 eee (Co-host)
- AR Aravinda Rajan (Co-host)
- DR Dr. R. ASHOK KU... (Co-host)
- DR Dr. Ramesh S (Co-host)
- KC KLN COLLEGE OF... (Co-host)
- MV Malarvizhi Velram (Co-host)
- MA Meena A (Co-host)
- PK Pravin Kumar (Co-host)
- SP Satheesh pandian... (Co-host)

Zoom Meeting

THANGASANKA... Satheesh pandia... Malarvizhi Velram Pradeepkannan .D

THANGASANKARAN R Satheesh pandian D Malarvizhi Velram Pradeepkannan .D Dr.P. Udhayakumar, ...

Participants (376)

Q Find a participant

- TR THANGASANKARAN R (Host, me)
- 2E 213317 ece (Co-host)
- AR Aravinda Rajan (Co-host)
- DR Dr. R. ASHOK KUMAR (Co-host)
- DR Dr. Ramesh S (Co-host)
- DU Dr.P. Udhayakumar, H... (Co-host)
- KC KLN COLLEGE OF EN... (Co-host)
- MV Malarvizhi Velram (Co-host)
- MA Meena A (Co-host)
- P Pradeepkannan .D (Co-host)
- PK Pravin Kumar (Co-host)
- SP Satheesh pandian D (Co-host)



Participants (371)

Find a participant

- TR THANGASANKARAN R (Host, me) [mute] [video]
- 2E 213036 ece [mute] [video]
- 2E 213317 ece (Co-host) [mute] [video]
- DU Dr.P. Udhayakumar, H... (Co-host) [mute] [video]
- P. Pradeepkannan .D (Co-host) [mute] [video]
- SP Sathesh pandian D (Co-host) [mute] [video]
- AR Aravinda Rajan (Co-host) [mute] [video]
- DR Dr. R. ASHOK KUMAR (Co-host) [mute] [video]
- DR Dr. Ramesh S (Co-host) [mute] [video]
- KC KLN COLLEGE OF EN... (Co-host) [mute] [video]
- MV Malarvizhi Velram (Co-host) [mute] [video]
- MA Meena A (Co-host) [mute] [video]
- PK Pravin Kumar (Co-host) [mute] [video]