



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR (2021-2022) ODD SEMESTER**

REPORT

ON

BRIDGE COURSE

For III ECE students

18.08.2021

Coordinator

Mr.T.Jeyaseelan, AP/ECE

The Department of Electronics and communication Engineering, Kings College of Engineering organized a Bridge Course for III year undergraduate ECE students on 18.08.2021 by online through google meet application. The Bridge Course began with a brief Welcome address by Mrs.U.Jeyamalar, AP/ECE, and the students were formally welcomed for the program.

Mrs.R.Ponni, AP/ECE delivered a talk on “**Fundamentals of Digital communication**” between 9.30 AM to 10.45 AM. She explained about ancient methods of communication and how Digital communication has been developed. She also explained about the advantages of Digital Communication and fundamental concepts of Digital communication such as Modulation, Demodulation, Synchronization, Channel equalization, Information-theoretic limits, and Channel coding.

Mr.T.Jeyaseelan, AP/ECE presented a special talk on “**Value added course**” between 10.45 AM to 11.30 AM. He outlined the objective of Value added course, syllabus and outcome of the value added course. He also insisted that this course will help the students to enrich technical skills in order to build their career in Electronics and Communication Engineering. He demonstrated some real-time electronics projects using arduino IDE.

Mrs.N.Mangaiyarkarasi, HOD, ECE delivered a talk on “**NPTEL, SWAYAM Courses, Club Activities, Mini Project and GATE Preparation initiatives**” between 11.35 AM to 12.00 PM. She highlighted that now-a-days electronics and communication engineers need to participate importantly in ICT based learning such as NPTEL and SWAYAM courses and participate in electronics club activities to enrich their technical knowledge apart from the class room learning. She also insisted that building Mini Project and preparing for GATE exam could build their career in industry and Research.

Mr.R.Balakrishnan, AP/ECE presented a technical talk on “**Discrete-Time Signal Processing applications**” between 12.15 PM to 1.00 PM. He explained about the fundamentals of Digital Signal Processing and its applications.

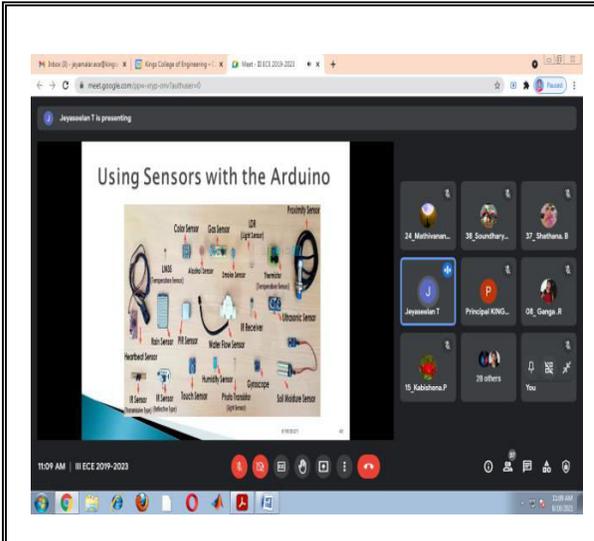
Dr. P. Narasimman, AP/EEE delivered a talk on “**Electronic Project Design Tools**” between 1.45 PM to 2.45 PM. He Explained about the Electronic Project Design Tools and demonstrated how a typical real time project can be build using the design tool.

Mr. B. Suresh Babu, AP/T&P delivered a talk on “**Objectives and Activities of Training and Placement**” between 3.00PM to 3.45 PM. He highlighted that the Objective of Training and Placement Cell

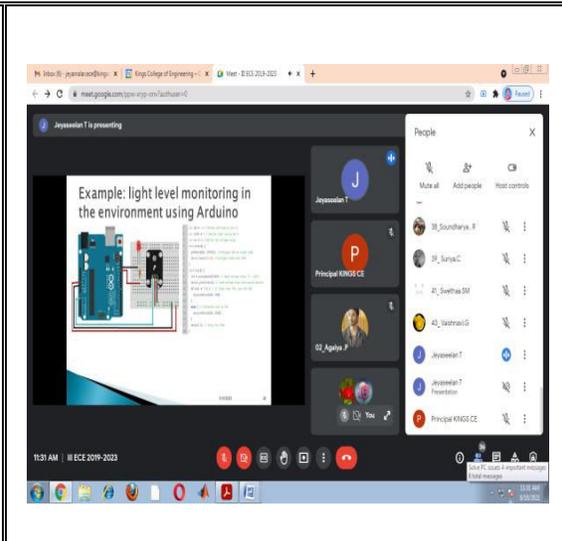
is to guide students to choose right career and to give knowledge, skill, and aptitude and meet the manpower requirements of the Industry. T&P motivates students to develop their academic and career interests, and their short and long-term goals through individual counseling and group sessions. He also emphasized the Roles and activities of T&P as stated below.

Roles and Activities

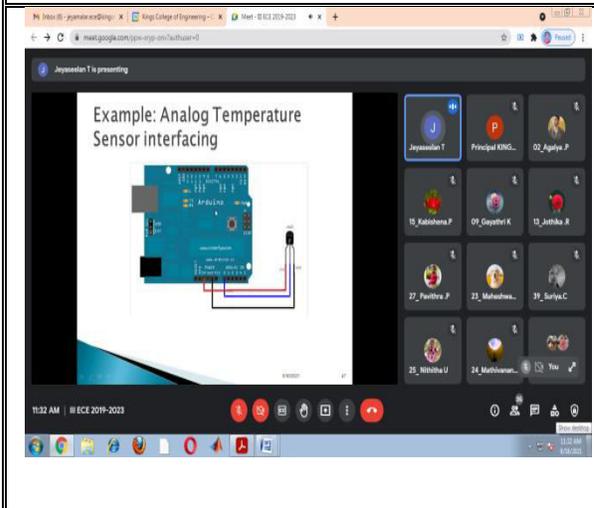
- Maintaining database of companies and establishing strategic links for campus recruitments.
- Maintaining and regularly updating the database of students.
- Gathering information about job fairs and all relevant recruitment advertisements.
- Coordinating with companies to learn about their requirements and recruitment procedures
- Identifying the needs and expectations of the companies to assist them in recruiting most suitable candidates.
- Organizing pre-placement training/workshops/seminars for students.
- Arranging periodic meetings with Human Resources Department of companies to promote recruitments.
- To assist students for industrial training at the end of the fourth and sixth semester.
- To act as a link between students, alumni, and the employment community.
- To assist students in obtaining placement in reputed companies.
- Inform students about the available job opportunities in government sectors and off campus drives.
- Arranging Motivational Talks and Conducting Psychometric Test.
- Conducting Personality Development Programs and Skill Imbibing Programs to develop Communication Skills & Vocabulary
- Providing guidance on Resume Preparation & Email Writing
- Organizing Group Discussion and developing Interview Skills
- Conducting Aptitude Training & Practice Tests
- Communicating with Alumni for available openings.
- Communicating with industry for campus interviews.



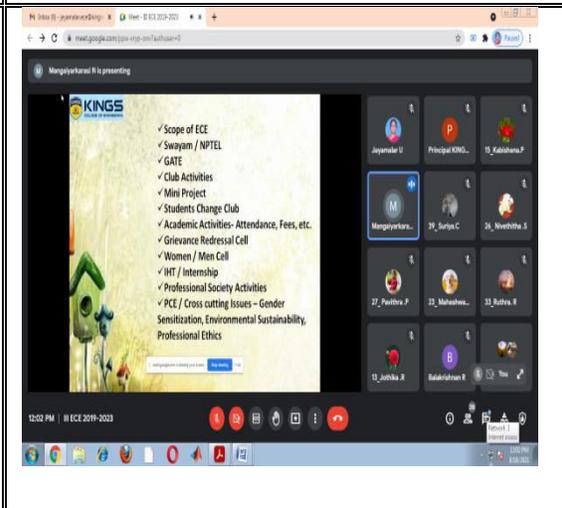
**Presentation on
“Value added course” by Mr.T.Jeyaseelan, AP/ECE**



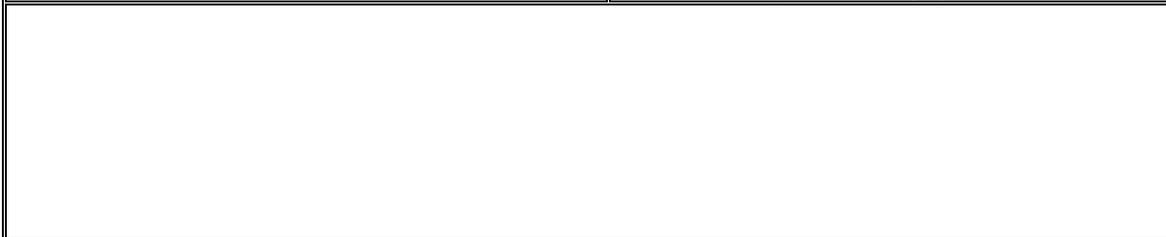
**Presentation on
“Value added course” by Mr.T.Jeyaseelan, AP/ECE**

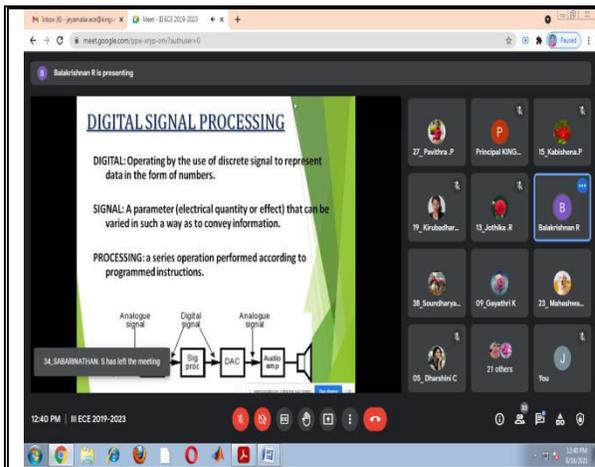


**Presentation on
“Value added course” by Mr.T.Jeyaseelan, AP/ECE**

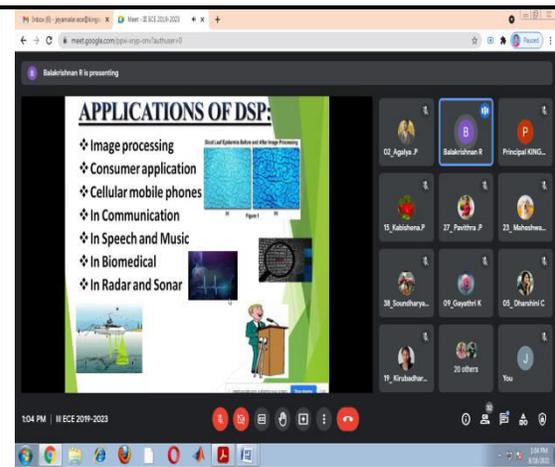


Presentation on “NPTEL, SWAYAM Courses, Club Activities, Mini Project and GATE Preparation initiatives” by Mrs.N.Mangaiyarkarasi, HOD, ECE

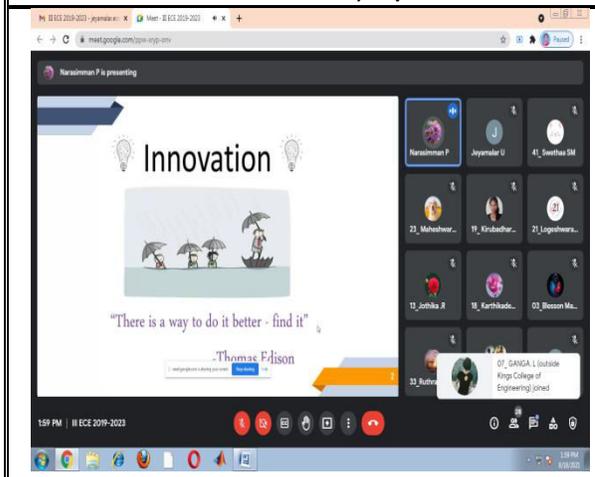




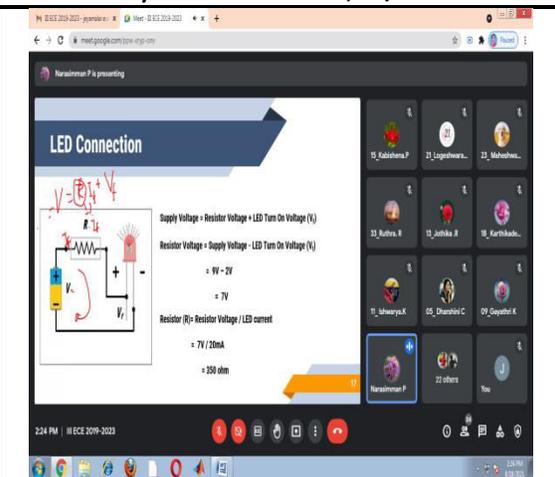
Presentation on "Digital Signal and its Applications" by Mr.R.Balakrishnan, AP/ECE



Presentation on "Digital Signal and its Applications" by Mr.R.Balakrishnan, AP/ECE



Presentation on "Electronic Project Design Tools" by Dr. P. Narasimman, AP/EEE



Mr.W.Newton David Raj, AP/ECE Presented vote of thanks and outlined the importance and outcome of the program.

Staff-In charge

HOD/ECE

PRINCIPAL

T.Jeyaseelan, AP/ECE

