

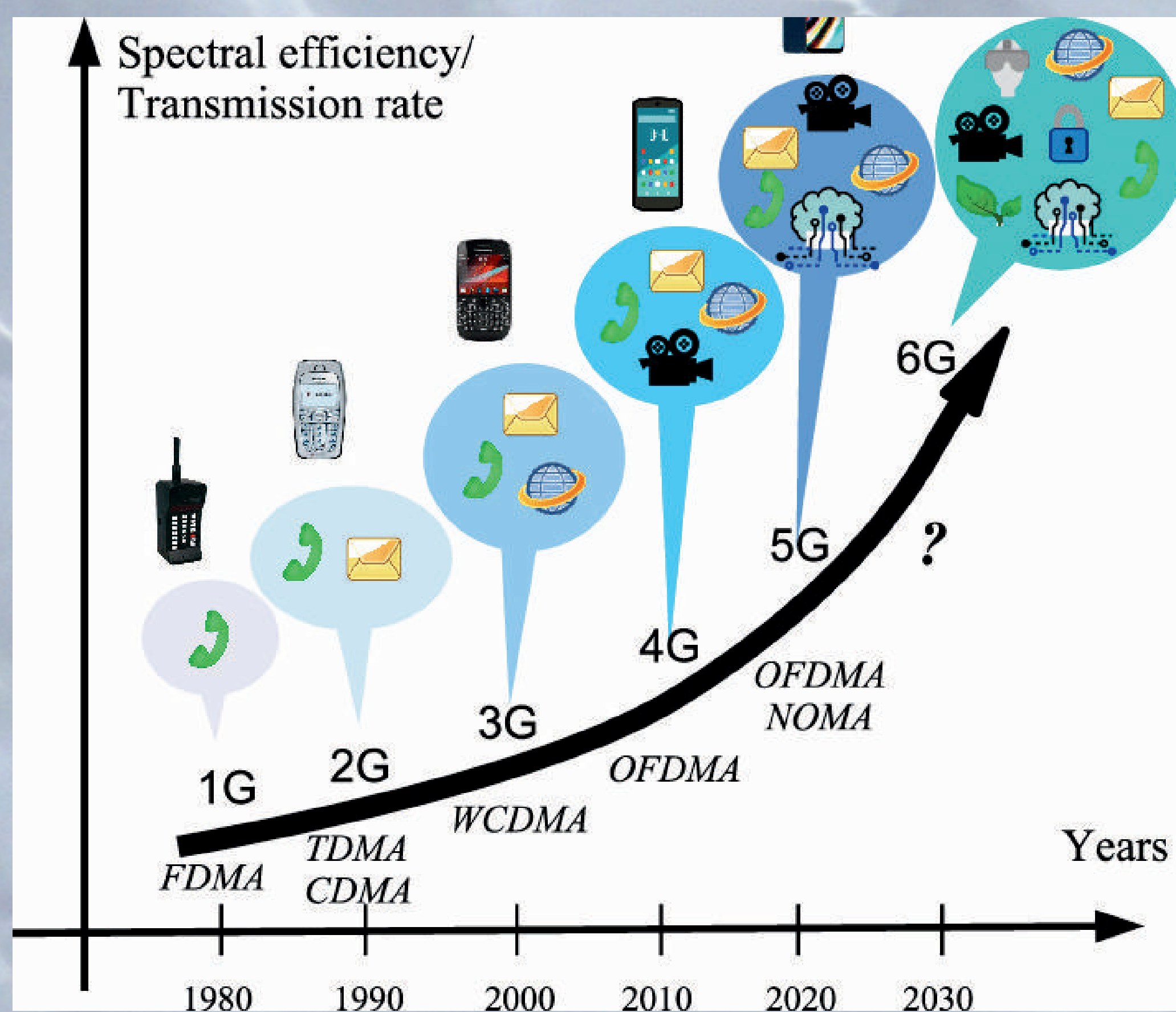
PLACEMENT CORNER:



WE ARE PROUD TO ANNOUNCE THAT 92% OF OUR DEPARTMENT STUDENTS HAVE BEEN PLACED DURING 2021-2022

ACADEMIC YEAR

EVOLUTION OF MULTIPLE ACCESS TECHNIQUES:



LET'S KNOW WHAT IS SDG?



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Intellectualis

**VOLUME 11
ISSUE 1
(JUNE 2022)**

Hello Readers!

With an immense pleasure, we bring to you yet another successful edition of our department Newsletter - Intellectualis (Volume 12, Issue 1).

In this edition, we present to you a wealth of knowledge, interesting research and thoughtful discourse on all that is exciting in the world of ECE. Most of all, this edition is a foray into the numerous exciting activities undertaken by both faculty as well as the students of our department and we are honoured to document them and present them to you.

We hope you enjoy reading Intellectualis as much as we did creating it!

PATRON:

Mrs.S.SIVAKAMI
Assistant Professor/ECE

EDITORS:

V.S.JENISHA - III ECE
M.KRISHNA MURTHI - III ECE

SUB - EDITORS:

J.BHAVANATH - II ECE

CONTENT CREATORS:

J.JAGADESH - II ECE
J.KARTHIKEYAN - II ECE

DESIGNERS:

M. VENKATESH - IV ECE
S. MADHUVANTHI - IV ECE

Vision of the Department:

To produce globally competent Electronics and Communication Engineers with a commitment to serve the society.

Mission of the Department:

M1: To impart high quality education and training to the students in the field of Electronics and Communication Engineering.

M2: To promote creation and dissemination of knowledge.

M3: To provide a framework for innovation and collaborative research with industry.

M4: To equip the graduate students with an attitude for professional career and continuous learning.

Program Educational Objectives (PEOs):

Within three to five years, our graduates of Electronics and Communication Engineering programme are expected to

PEO I: Exhibit technical competence in Electronics and Communication Engineering by providing innovative engineering solutions and excel in professional career.

PEO II: Indulge in problem identification, analysis and formulation to provide technically superior, economically feasible, environmentally compatible and socially acceptable design solutions.

PEO III: Contribute towards entrepreneurship and research, and exercise leadership through effective communication, teamwork and knowledge up gradation through lifelong learning.

Program Specific Outcome (PSO):

A graduate of the Electronics and Communication Engineering Program will have:

1. Potential to analyze, design, synthesize and provide technical solutions in the field of VLSI, Embedded Systems, Communication, Networking and Real Time Processing.

2. Emerge as ethical leaders, engage in lifelong learning, and pursue entrepreneurship and contribute in the field of Electronics and Communication Engineering.

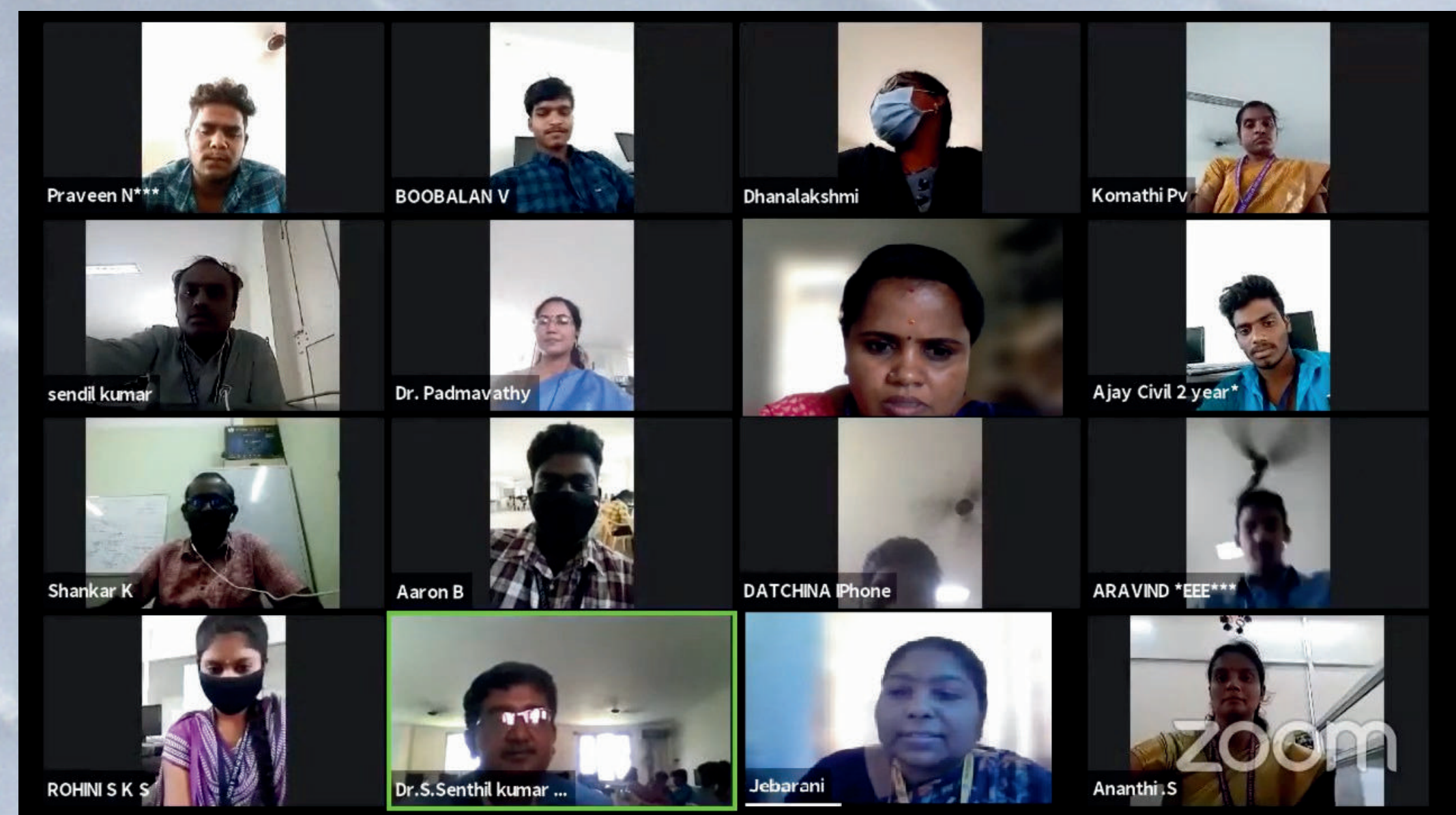
Top 10 Technology Trends for 2022:

Events Organized by the Department:

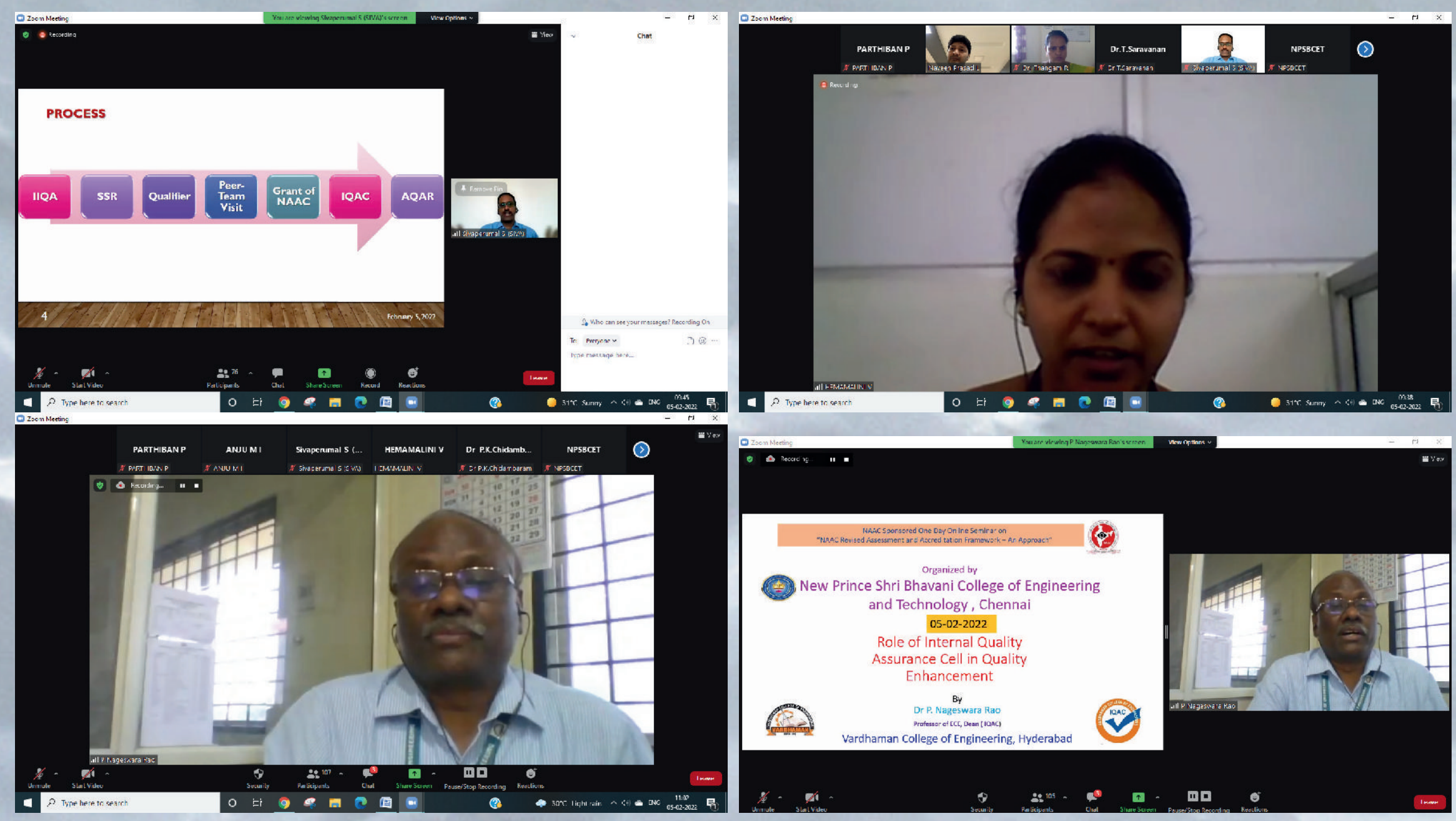
1.The Department faculties under Institution's Innovation council attended e-Symposium on Building Innovation and Entrepreneurial Ecosystem in Educational Institutions (virtual mode).This event was held from 10.1.2022 to 16.1.2022.



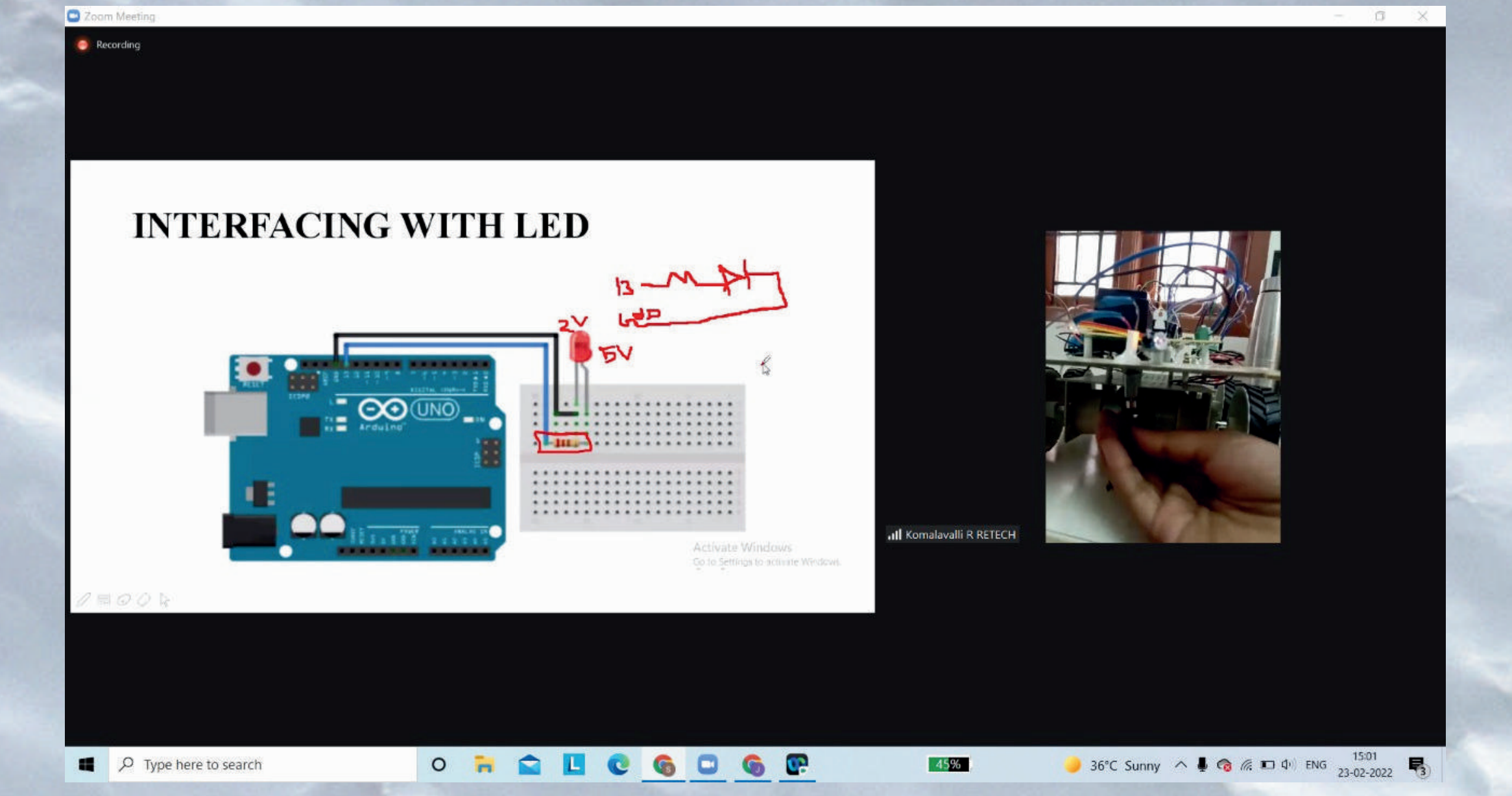
2.On 25 March 2022, a One-day Workshop on Problem Solving/Design Thinking was organized by the department. Dr.S.Jebarani Evangeline, Associate Professor & Head, SNS College of Engineering acted as the Speaker.



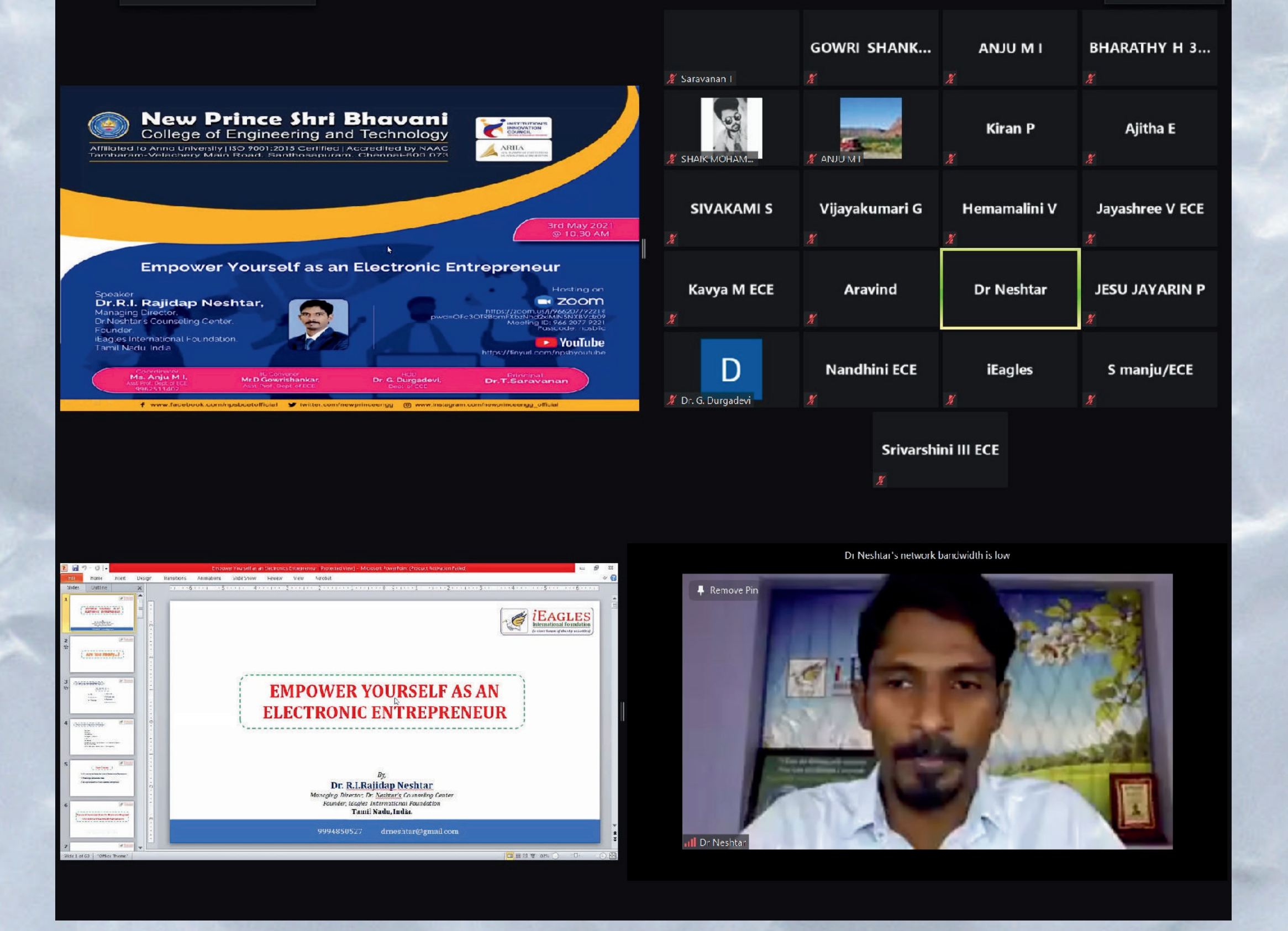
3.On 5.2.2022, Our Department Head Dr.G.Durgadevi organized a webinar on Submission of Annual Quality Assurance Report by Dr.S.Sivaperumal, Director, International Relations & Sponsorship Research, Professor - ECE Dept., Presidency University and Role of IQAC in Quality Enhancement by Dr.P.Nageswara Rao, Dean (IQAC), Vardhaman College of Engineering.



4.The Department Organized a Workshop on Prototype/Process Design and Development - Prototyping hosted by Ms.R.Komalavalli, Embedded Developer, Retech Solutions Pvt. Ltd. on 23 Feb 2022.



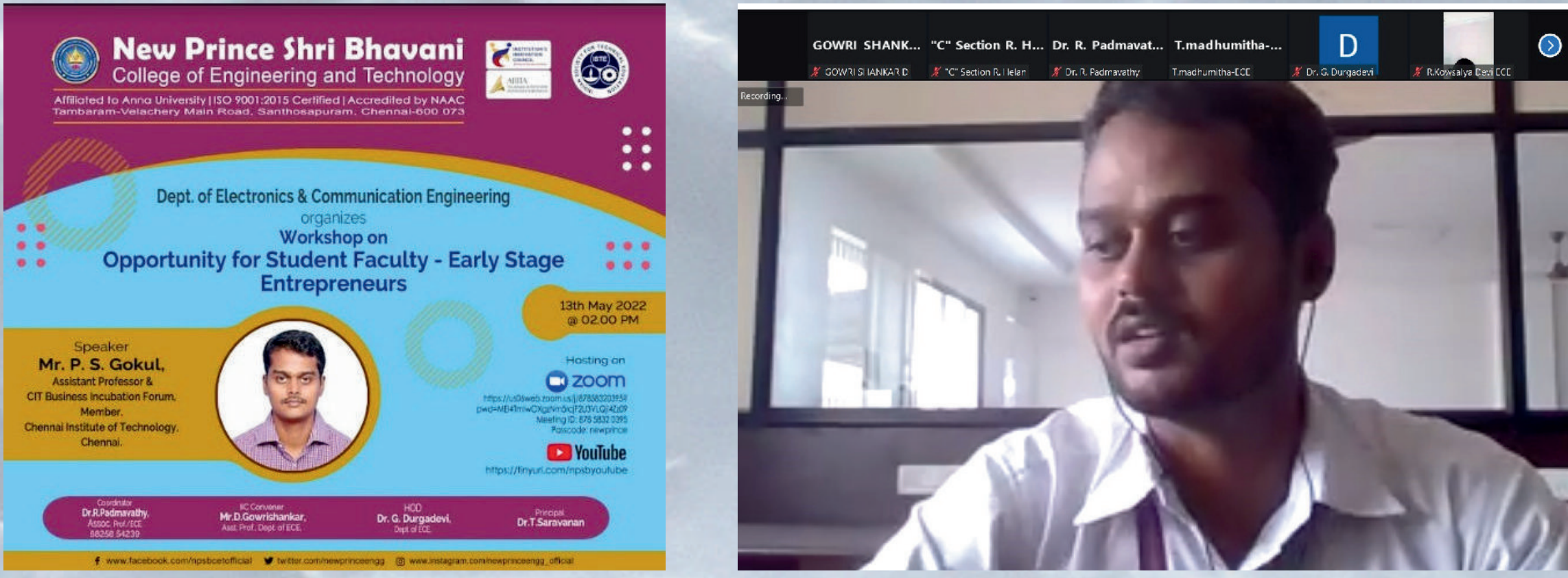
5.The Department Organized a Seminar on "Empower Yourself as an Electronic Entrepreneur" by Dr.R.I.Rajidap Neshtar, Managing Director, iEagles International Foundation.



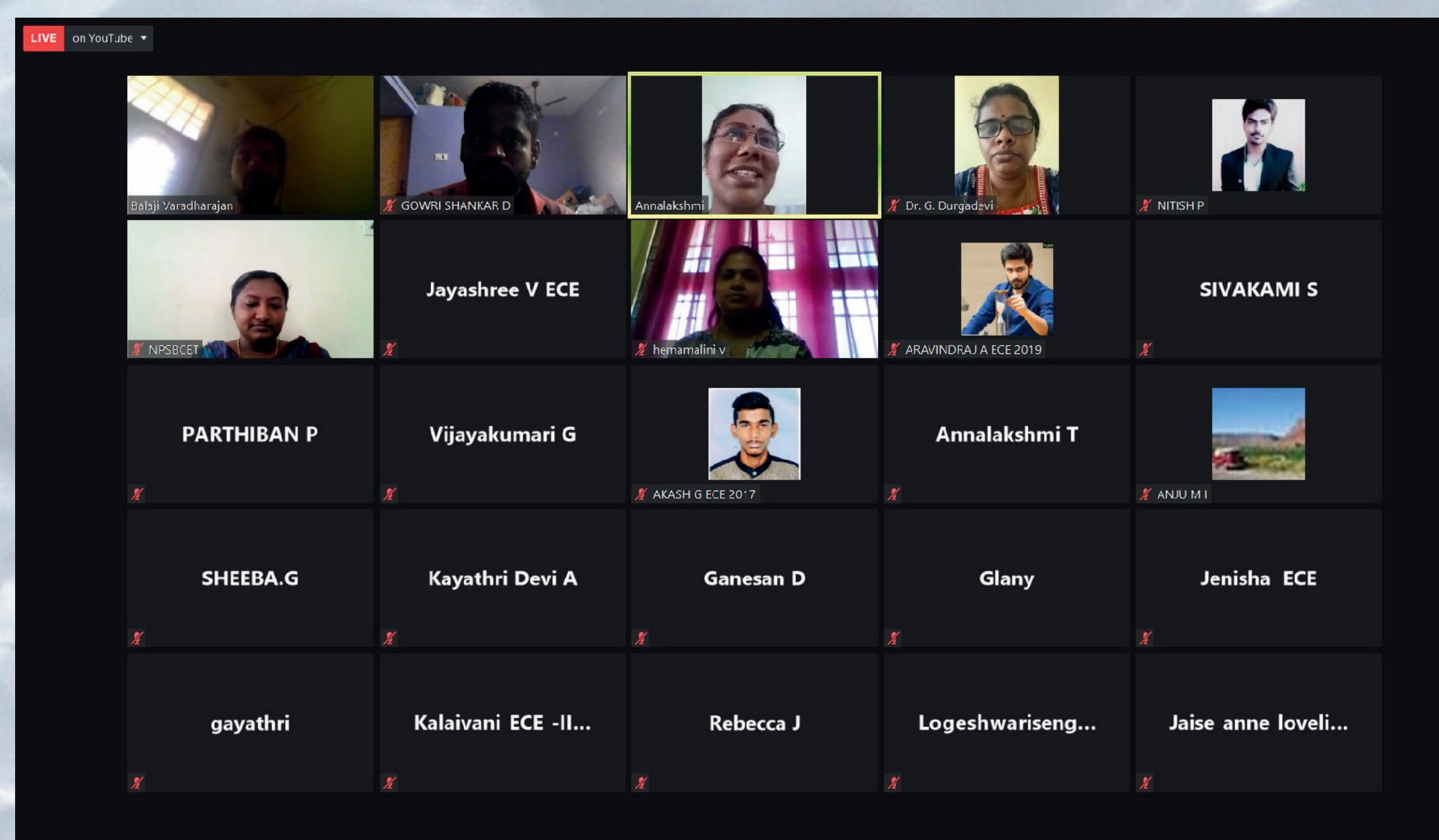
6.Ms.G.Vijayakumari, AP/ECE Organized a Seminar for the faculties on to create awareness on access to financial services, to develop necessary skills to become financially literate hosted by Mr.K.Mani Ram, SEBI.



7. A Guest lecture on "Opportunity for Student Faculty - Early Stage Entrepreneurs" for the students to enhance their entrepreneurial skills.



7. An Awareness session was organized on New Product Development and Product lifecycle strategies" by Mr.V.Balaji, Senior Software Developer, Aspigrow Technologies Pvt. Ltd.



Students achievements :

1. R.Gayathri, P.Glany Rose of III-ECE won Second Prize in RKESTRIM'22- Technical Quiz held at SRM Valliamai Engineering College on 12.3.2022.
2. S.Madhuvanthi, V.Pooja and R.Janani of III-ECE Participated in Idea Presentation held at B.S.Abdur Rahman Crescent Institute of Engineering and Technology on 10.05.2022.
- 3.M.Kavya, B.S.Swetha of IV-ECE Participated in Technical Quiz event held at Maria College of Engineering and Technology on 20.05.2022.

Telehealth: Technology meets health care

WHAT DO TELEHEALTH AND TELEMEDICINE MEAN?

Telehealth is a collection of means or methods for enhancing health care, public health, and health education delivery and support using telecommunications technologies. While telemedicine means providing traditional clinical services and preventive care.

Convenience

65% of patients using telehealth services say it's more convenient than meeting a doctor at a clinic. It's especially convenient for people who live in rural areas.

Time

You can make an appointment at any time you need.

Telehealth Benefits:

Safety

63% of patients say they like using telehealth as they are protected from other sick patients

Choice

Approximately half of Americans state that if they chose to use telehealth services after COVID-19, it would still be essential to choose a healthcare specialist to see and speak with by themselves.

Importance and Advantages of Telemedicine:

- Receiving high-quality care from home.
- Telemedicine is the best solution for mental and emotional health conditions. Telemedicine companies connect patients to therapists day and night.
- No long waiting. You don't have to wait for your appointment in long queues.
- Telemedicine is very popular in radiology and psychiatry.
- Helping patients with chronic conditions. Thanks to telemedicine and technologies, it's easy to track their health outcomes.
- Telemedicine is beneficial for travelers. It can be challenging to find a good medical specialist and get health treatment abroad.
- No regular visits to the clinic.