



K.RAMAKRISHNAN COLLEGE OF ENGINEERING(Autonomous)

Accredited by NBA & NAAC with 'A' Grade, ISO 9001: 2015 Certified Institution (Approved by AICTE & Affiliated to Anna University)Samayapuram, Tiruchirappalli – 621 112

**Department of Electronics and Communication Engineering
and
Research & Development Cell
Report**

“Research Problems in application of Machine Learning and Deep Learning Technologies to Medical Image Processing”

DATE: 30.03.2023

Department of Electronics and Communication Engineering and Research and Development cell jointly organized a Research seminar on **“Research Problems in application of Machine Learning and Deep Learning Technologies to Medical Image Processing”** on 30.03.2023 at third floor conference Hall.

In this seminar, Dr. Malayakumarnath, Associate Professor/ECE, NIT, Pondicherry, gave a detailed presentation about the Research Problems in the field of Image processing. In his presentation, he covered the various problem statements used in image processing applications like detection of skin cancer, tumor and lung cancer. He also shared his views about the role of image processing and machine learning for optimization of image segmentation and object recognition. Nearly 50 faculties of various departments of KRCE have participated and benefited.

The program was conducted through offline mode. The event was coordinated by Dr. C. Jeyalakshmi, Professor/ECE and R&D Cell in charge. The event has started with the welcome address by Dr. M. Maheswari, Professor & Head/ECE and vote of thanks proposed by Mrs. M. Kalavani., AP/ECE, KRCE.

The photographs of the session are attached below.

Thank you.



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Internal Quality Assurance Cell (IQAC) and Research Development Cell (R&D)-KRCE

Report on

“Indian Languages and Ancient Indian Culture”

DATE: 04.04.2023

Internal Quality Assurance Cell (IQAC) and Research Development Cell (R&D)-KRCE jointly organized a seminar on **“Indian Languages and Ancient Indian Culture.**

In this lecture, Dr.P.Marudhanayagam., Ph.D.,D.Litt, Diploma in French Former – Registrar, Pondicherry Central University, Former Director ,Pondicherry Institute of Linguistics and Culture, Former Fellow ,Central Institute of Classical Tamil, Chennai gave a detailed presentation about the Indian Languages and antiquity of the languages, In his presentation, he explained in detail about the classic Indian Languages and how the languages being evolved , various ancient literatures ,impact of them in the Indian culture

He also shared briefly about the Sangam literature of Tamil , how the Harapan civilization and Tamil civilization are one and same, life style of the people during that time, also explained in detail about the culture of the people portrayed in ancient literatures,

Nearly 120 students and 30 faculties of Various departments of KRCE have participated and benefited.

The program was conducted through online mode. The event was coordinated by Dr.C.Jeyalakshmi, Professor/ECE and R&D Cell in charge. The event has started with the welcome address by Mr.T.Muruganandham, AP/ECE, event was felicitated by Dr.D.Srinivasan/Principal/KRCE and vote of thanks given by Mr.R.Balamurugan, AP/ECE, KRCE.

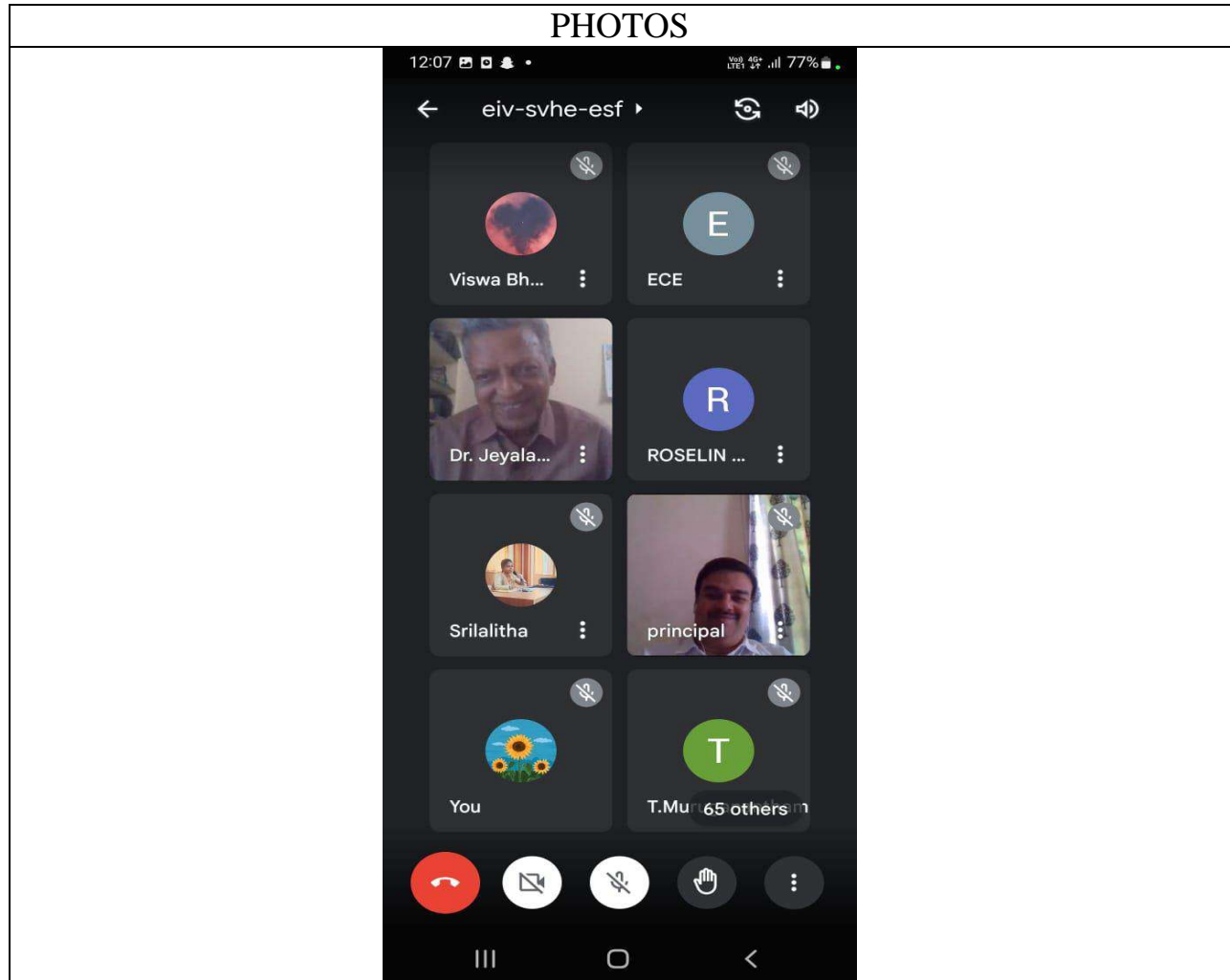
The Screen Shots of the session are attached below.

Thank you.



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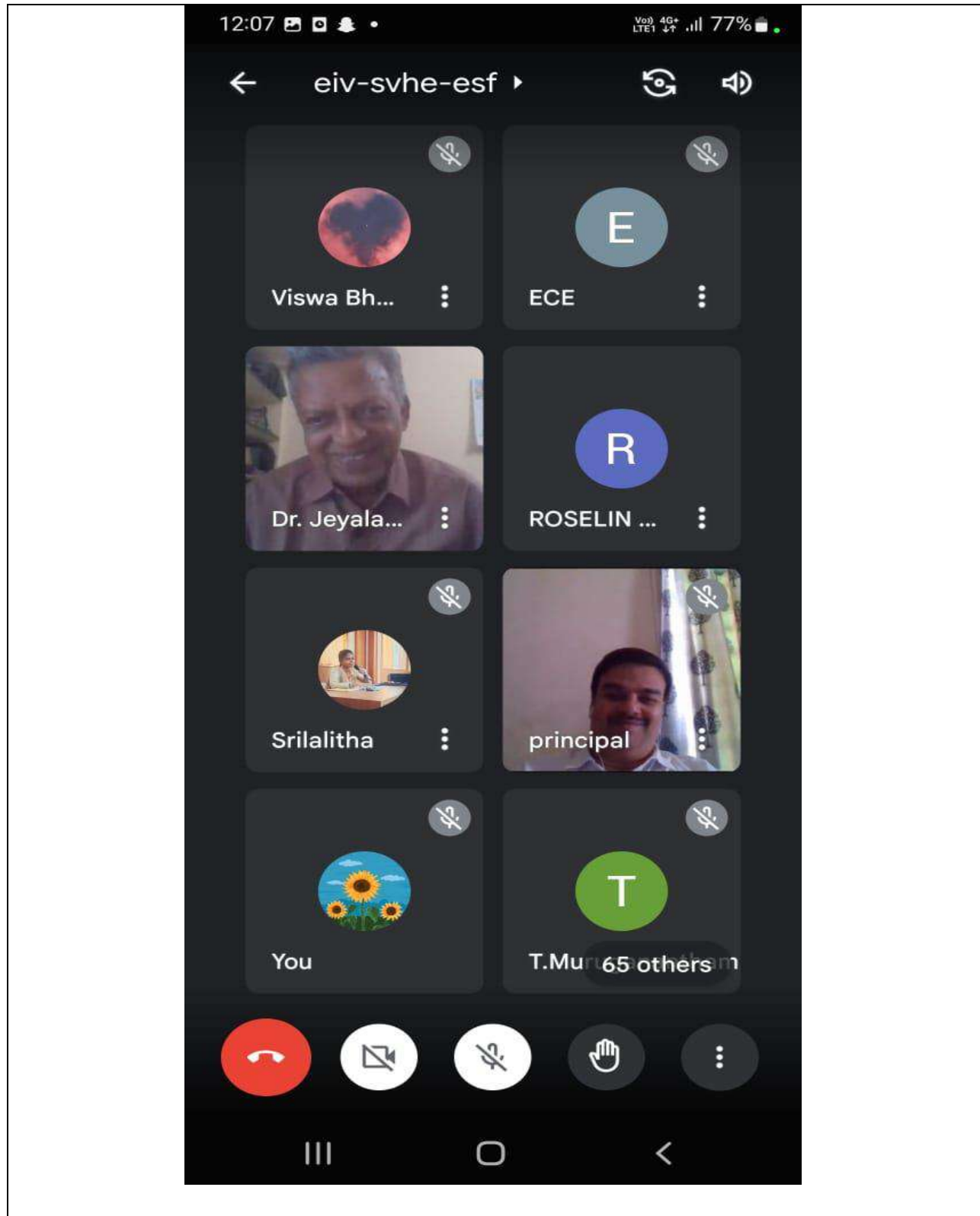
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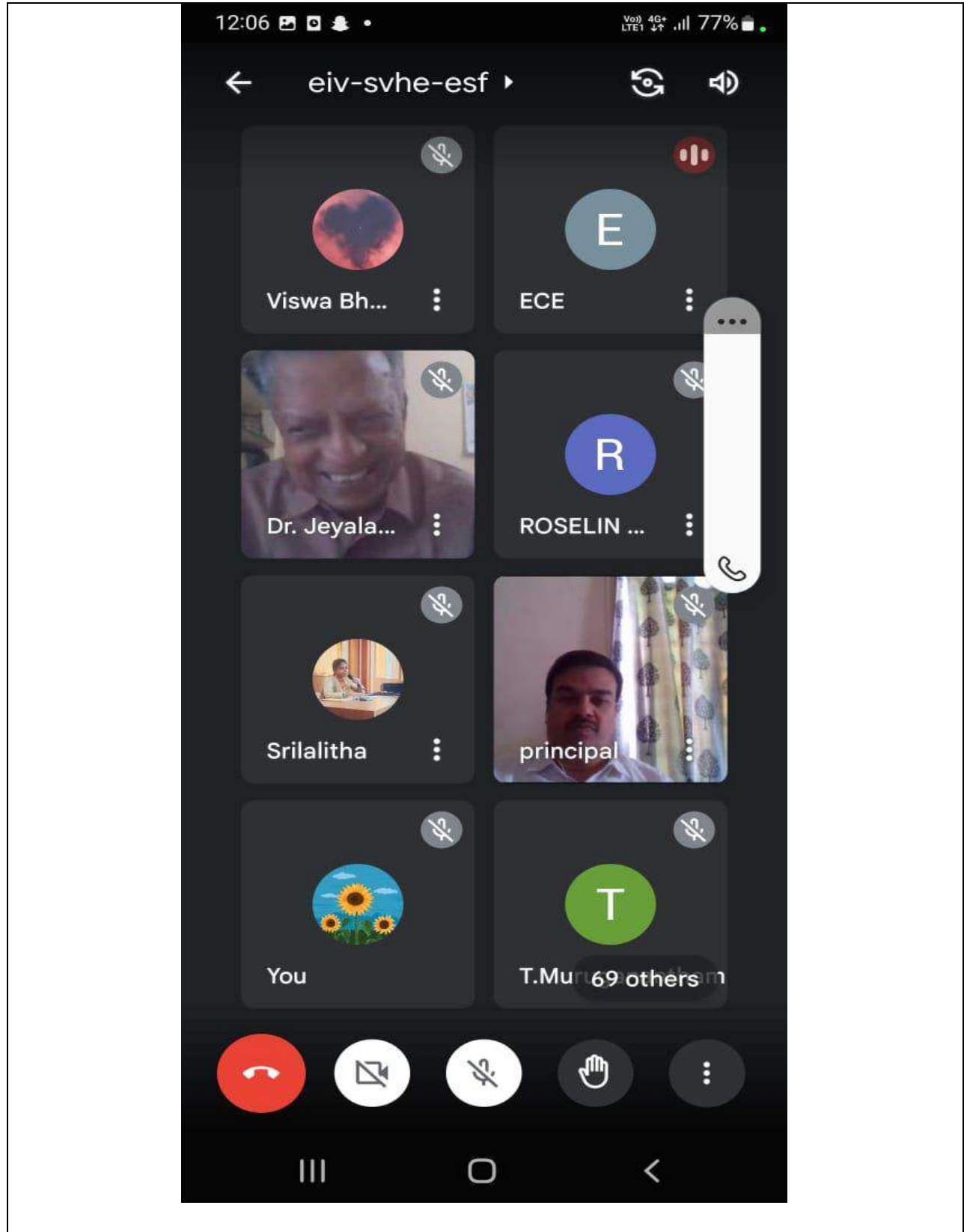
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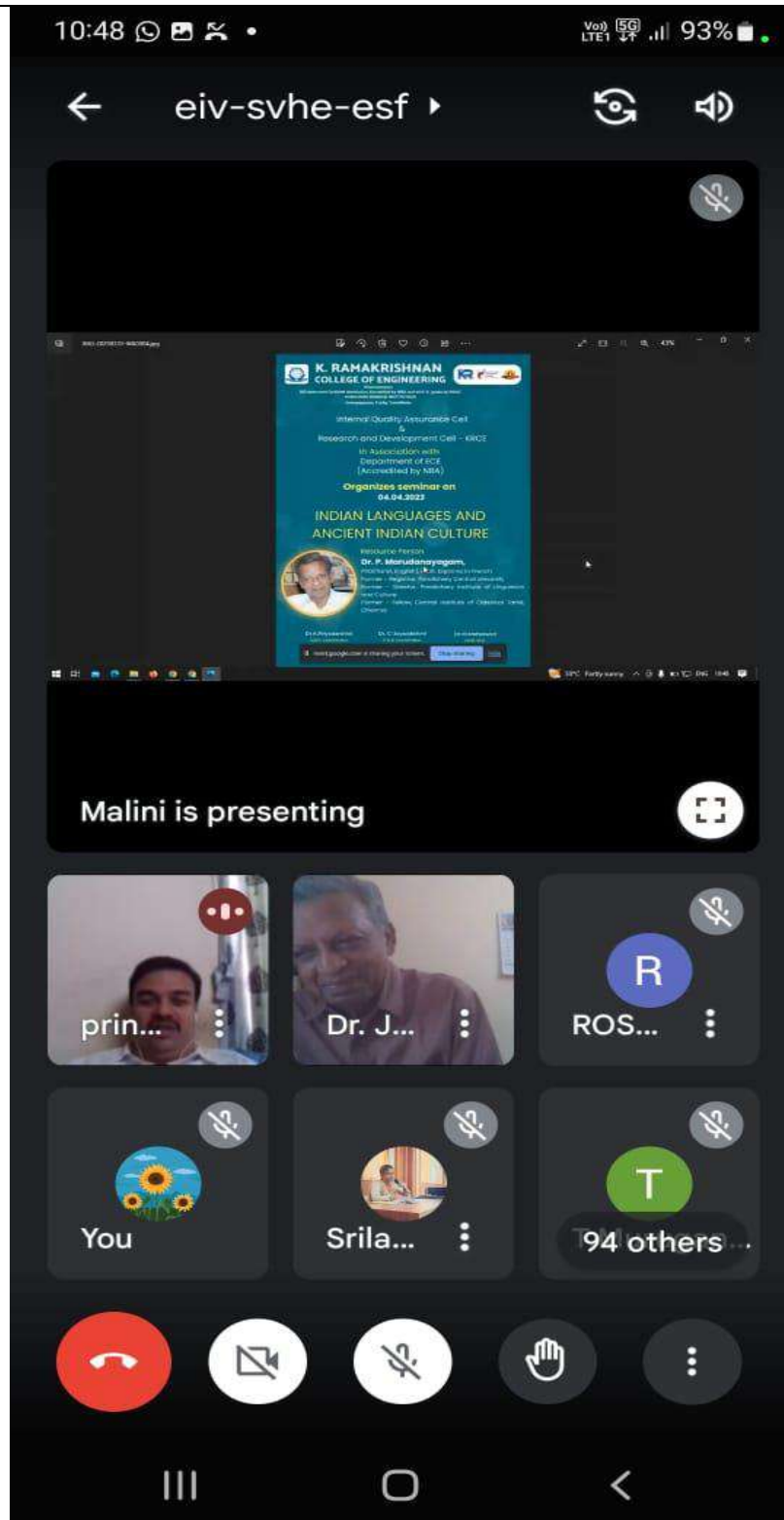
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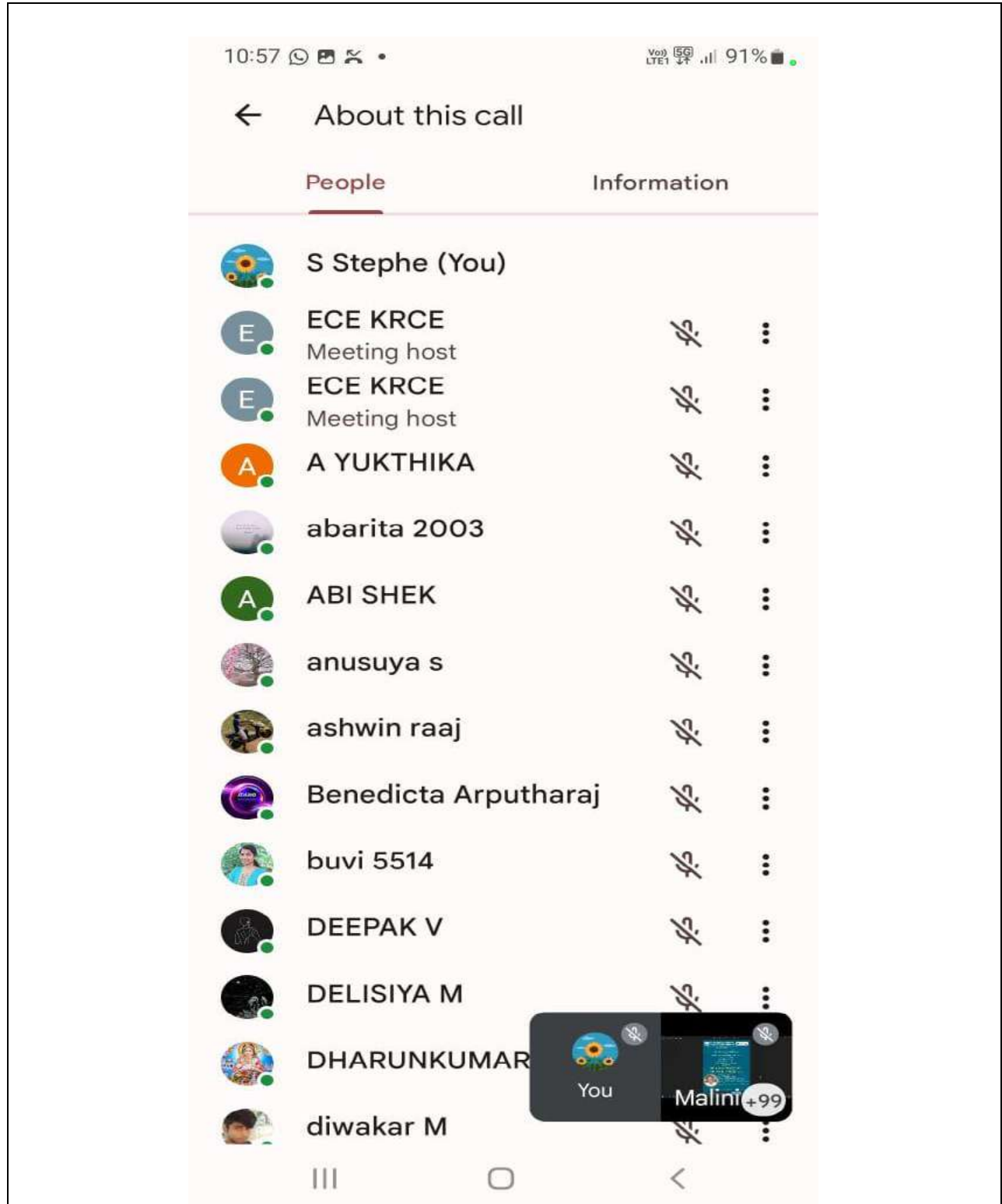
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**Research and Development Cell
&
Department of Mechanical Engineering
Report
“A Seminar on Research article writing”**

DATE: 25.04.2023

Research and development cell and Department of Mechanical Engineering organized a seminar on “**Research article writing**” on 25.04.2023 at TLC.

In this seminar, **Dr.Ravichandran, Professor/MECH, KRCE**, Trichy, gave a detailed presentation about the steps involved in Research article writing. In his presentation, he covered the way to write Abstract, Introduction, Experimental and Literature review section. Then he highlighted some of the journals which has high impact factor, then short communication and letters. He insisted the faculty members to first find out the journals related to their research area and check the scope of the journal. He insisted about the Figures and tables in the results and discussion section. Then format the article according to the journals, since due to formatting problem also, the paper may get rejected. All the faculties interacted with the resource person related to their research area.

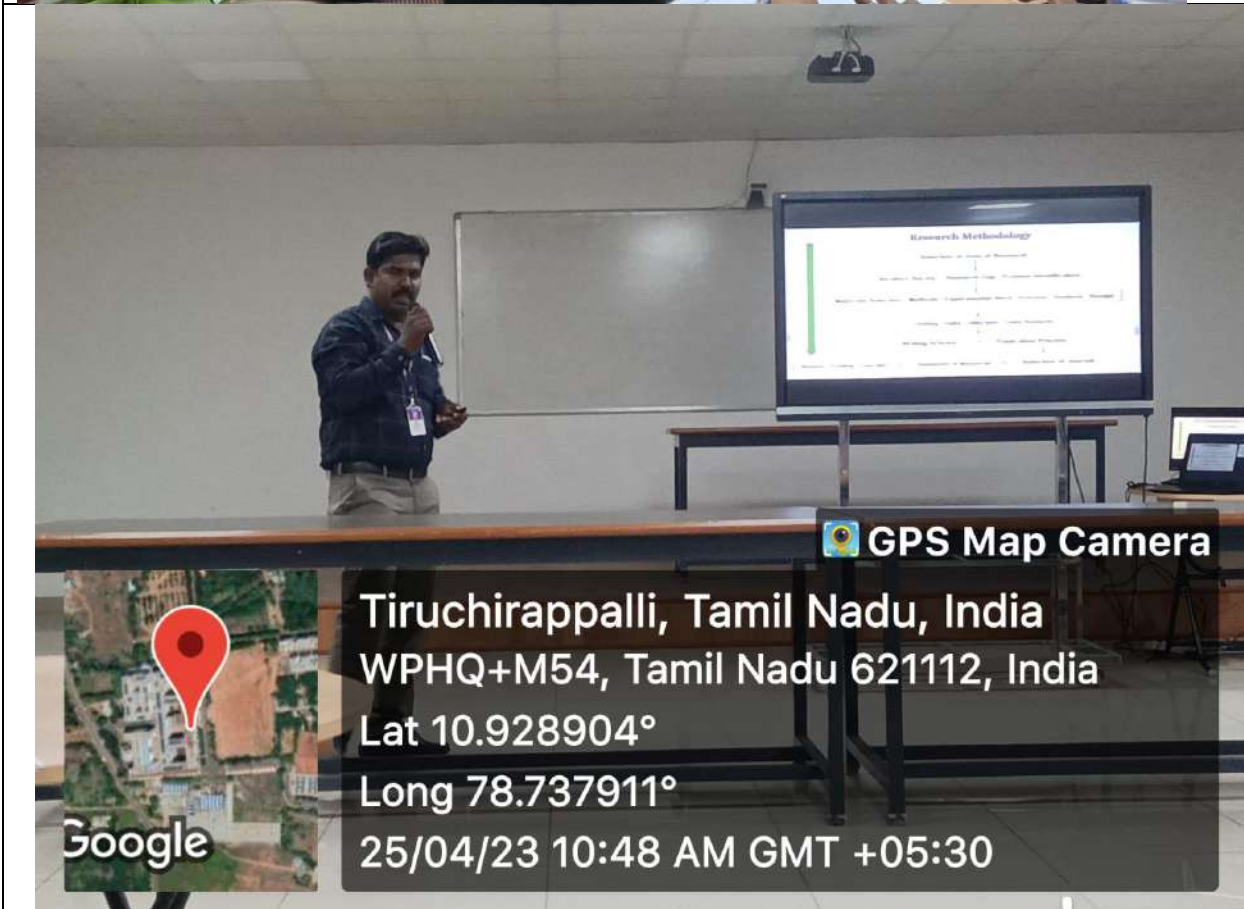
The program was conducted through offline mode. The event was coordinated by R&D Coordinaor **Dr.C.Jeyalakshmi, Professor/ECE** and **Mr.Ramakrishnan HoD/Mech**. The event has started with the welcome address by **Dr.C.Jeyalakshmi, Professor /ECE**, felicitated by **Dr.D.Srinivasan/Principal/KRCE** and vote of thanks given by **Mr.Ramakrishnan, HoD/MECH, KRCE**. Nearly 31 faculties from all the departments of KRCE have participated and benefited.



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**Research and Development Cell
&
Department of Mechanical Engineering
Report**

“A Seminar on Research tools and Techniques”

DATE: 27.05.2023

Research and development cell and Department of Mechanical Engineering organized a seminar on **“Research article writing”** on 27.05.2023 at TLC.

In this seminar, **Dr.Jefry Daniel James, Assistant Professor/MECH, KRCE, Trichy**, gave a detailed presentation about the various tools utilized for Research article writing. In his presentation, he covered Quilbot, Canva, and mendeley tool and how to use those softwares for our research. Then he highlighted some of the journals which have high acceptance rate and short review time. He insisted the faculty members to first find out the journals related to their research area and check the scope of the journal. Then format the article according to the journals, using mendeley software for formatting the reference. All the faculties interacted with the resource person related to the tools usage.

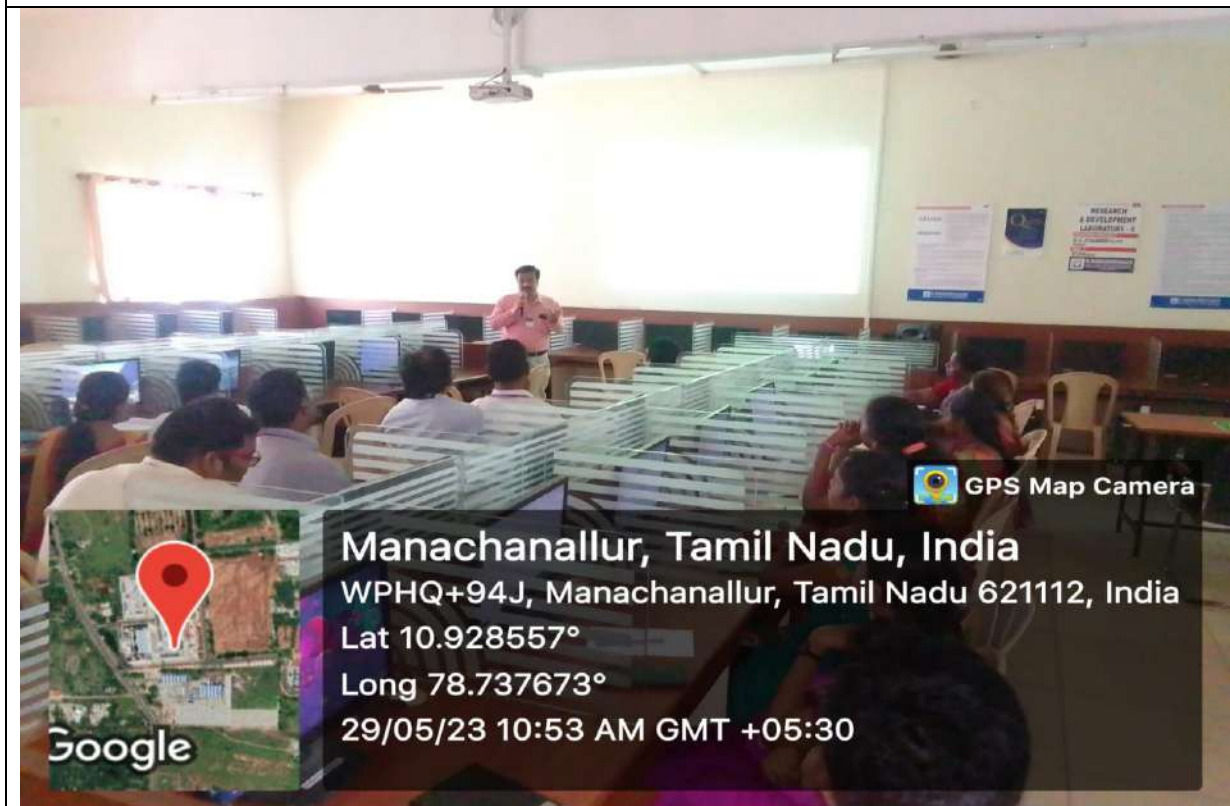
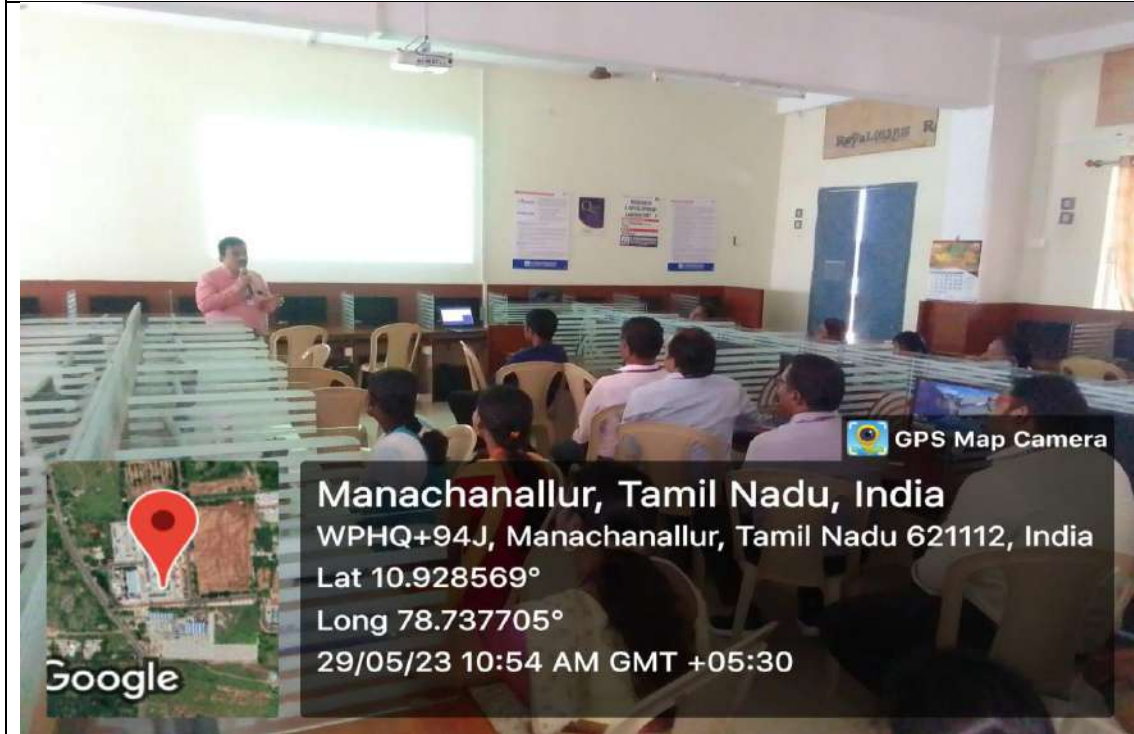
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