



ಪ್ರಗತಿಶೀಲತೆ, ಅಭಿವೃದ್ಧಿ ಮತ್ತು ಅಭಿವೃದ್ಧಿಗಾಗಿ
 Progress, Development and Growth for All
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 AICTE Grade: A - 1 (2008)



Department of Computer Science

Date: 27-06-2024

Report

on

Special talk on "Applications of Differential Equations and Python"

A special talk on "Applications of Differential Equations and Python" had been organized for B.Sc. students on 26-06-2024 from 10:00 am to 12:00 pm by Cluster forum, Department of Computer Science. Dr. Aveesh S T, HOD and Professor, Department of Mathematics, PESITM was invited as a resource person. The session focussed on how differential equations are utilized in various field and how Python can facilitate their implementation and analysis. He discussed the practical applications of differential equations in real-world problems and demonstrated how Python can be used to solve these equations. The resource person gave insightful information on theoretical concepts with practical examples and also briefed the coding techniques. Dr. Aveesh outlined ordinary differential equations (ODE) and partial differential equations (PDE) including their applications in physics and engineering. He provided examples of Python code for solving and visualizing differential equations. Dr Aveesh's talk highlighted the integral role of differential equations in modelling complex systems and the powerful capabilities of Python in analysing these equations. Further the resource person highlighted the basic importance of mathematics and python. He motivated the students to make the best use of opportunities provided to them. He inspired students to concentrate more towards hard work in their respective field. The students gained from the talk emphasize of computational tools in modern mathematics.

Ms. Roopa D. S., HOD, Department of Computer Science, Ms. Rashmi R. Cluster Forum Coordinator and all B.Sc. faculty members and First and Second year B.Sc., students were present in the Inaugural Program. Ms. Zeba Farheen, II Semester B.Sc., Student introduced the guest of honour. A vote of gratitude was proposed by Ms. Kavanashree T K Assistant Professor, Department of Physics. Ms. Indumani L.K. handed over the gratitude letter to the resource person.

Total 69 students attended this workshop and were benefited by this program.





ಪ್ರಗತಿಶೀಲತೆ ಮತ್ತು ಸಾಧಾರಣತೆಗಳನ್ನು ಒಳಗೊಂಡು ಮುನ್ನಡೆಸುವ ಶಿಕ್ಷಣ
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ಇವುಗಳೇ ನಮ್ಮ ಮುಖ್ಯ ಉದ್ದೇಶಗಳು.



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ಪಿ.ಬಿ.ಎಸ್. ಸಂಸ್ಥೆಯು ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ
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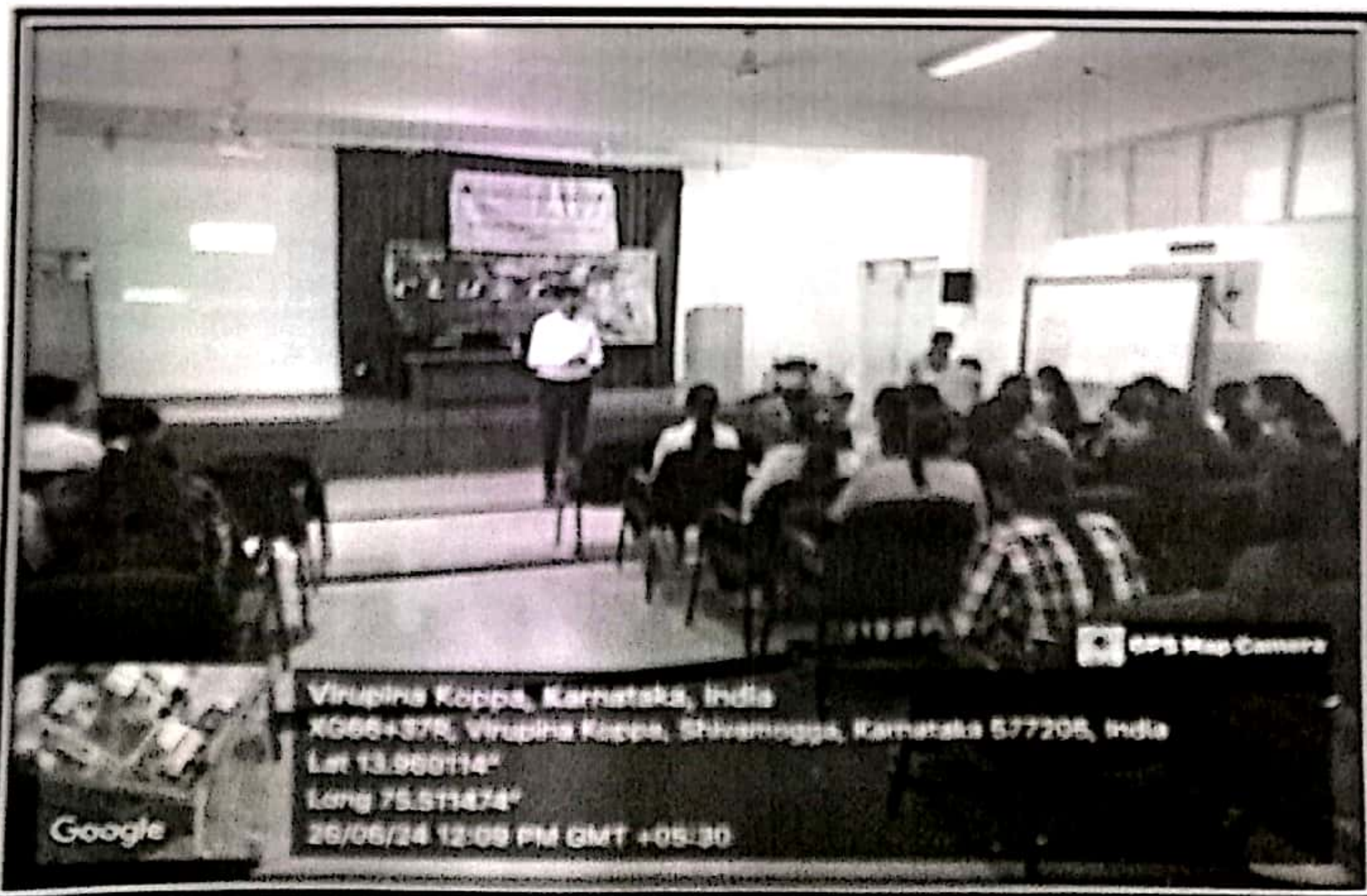
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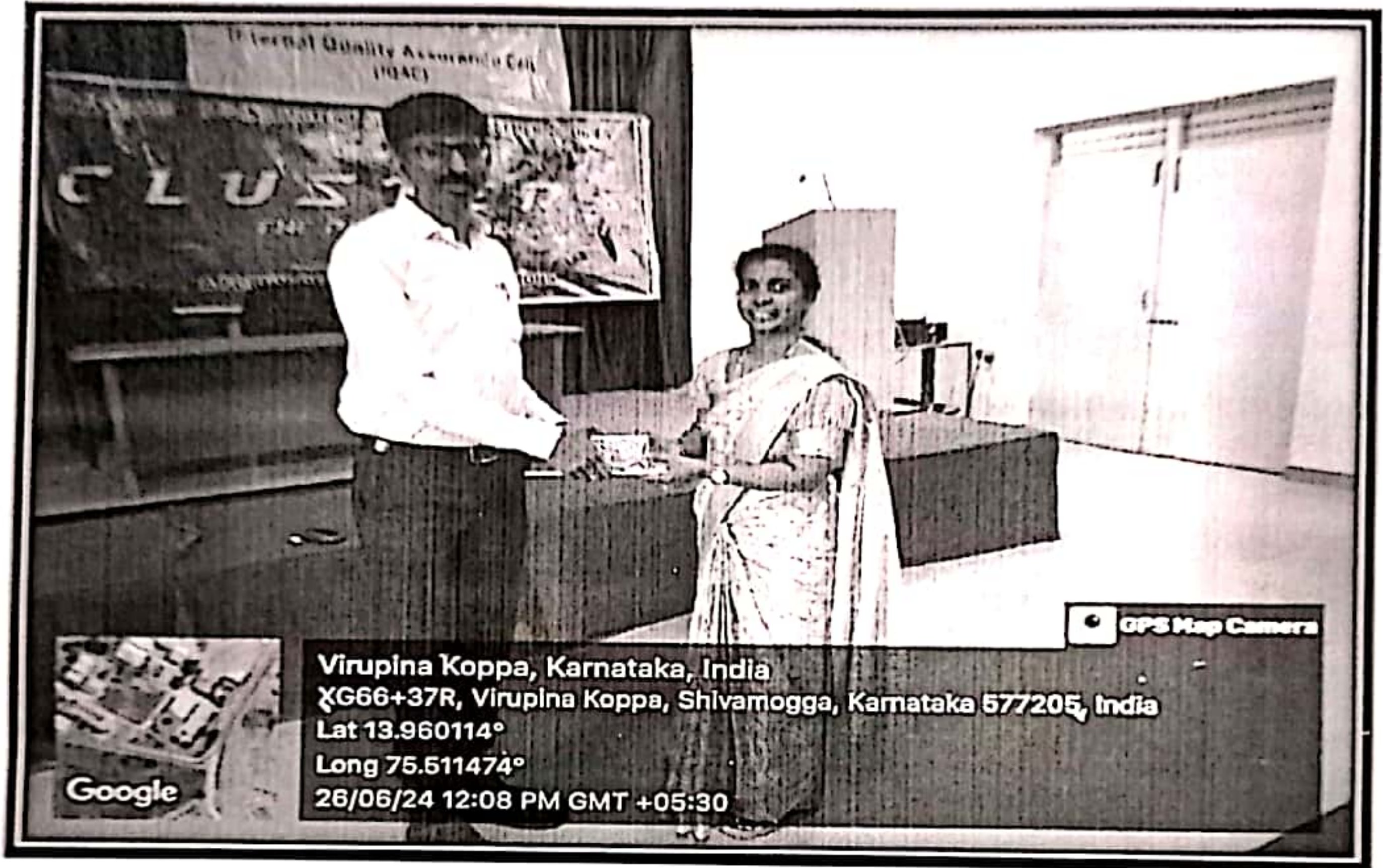
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