

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

(Deemed to be University U/S 3 of the UGC Act, 1956)

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Enathur, Kanchipuram – 631 561.

Department of Electronics and Instrumentation Engineering



Experts Visit

31/08/2024

Report on the Expert Visit - Dr. Suhas Yeshwant Nayak to the EIE

Department, SCSVMV

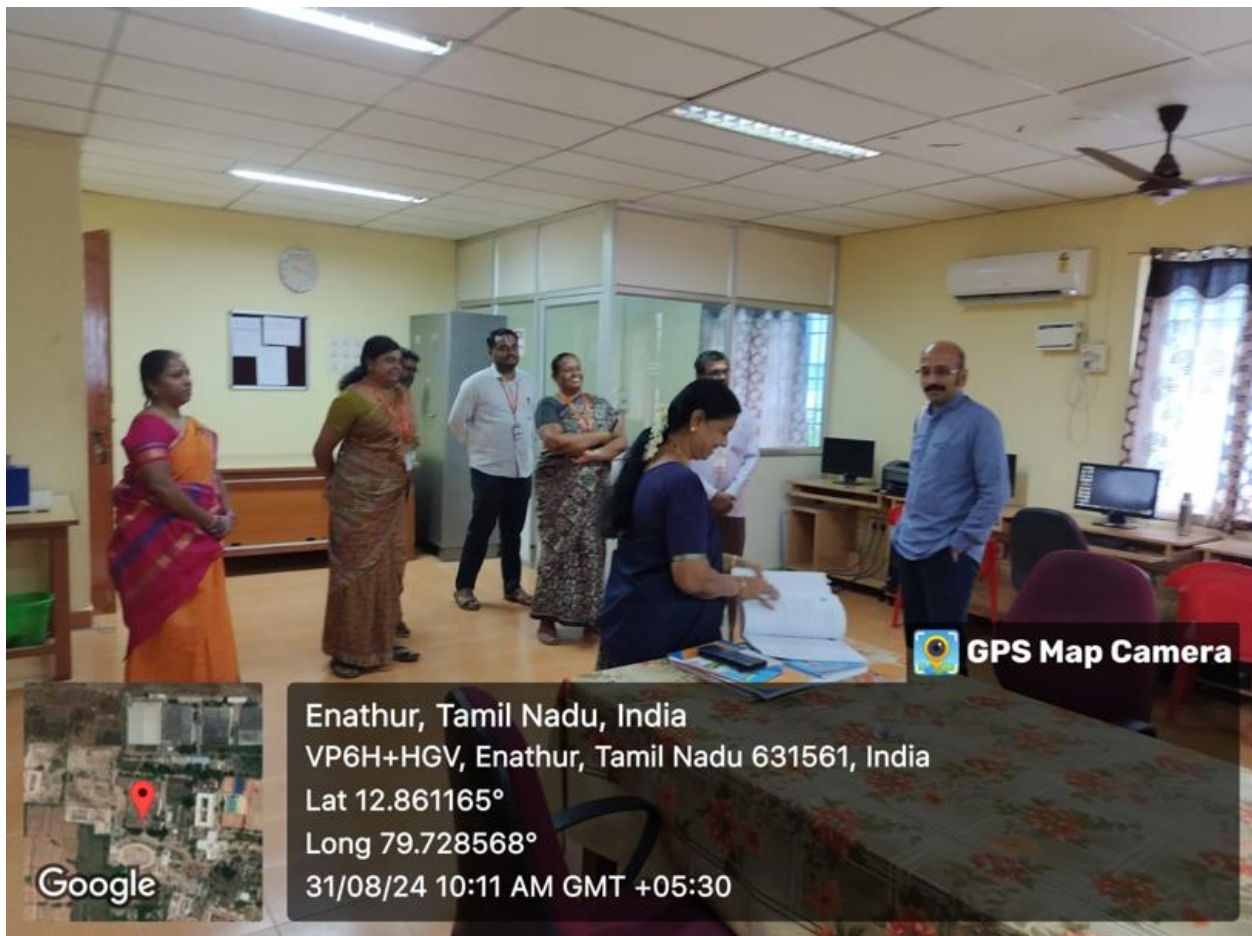
Date: 31st August 2024

Visitor Details:

- Name: Dr. Suhas Yeshwant Nayak BE,MTech,Ph.D
- Designation: Associate Professor, Department of Mechanical & Industrial Engineering
- Institution: Manipal Institute of Technology

Purpose of Visit:

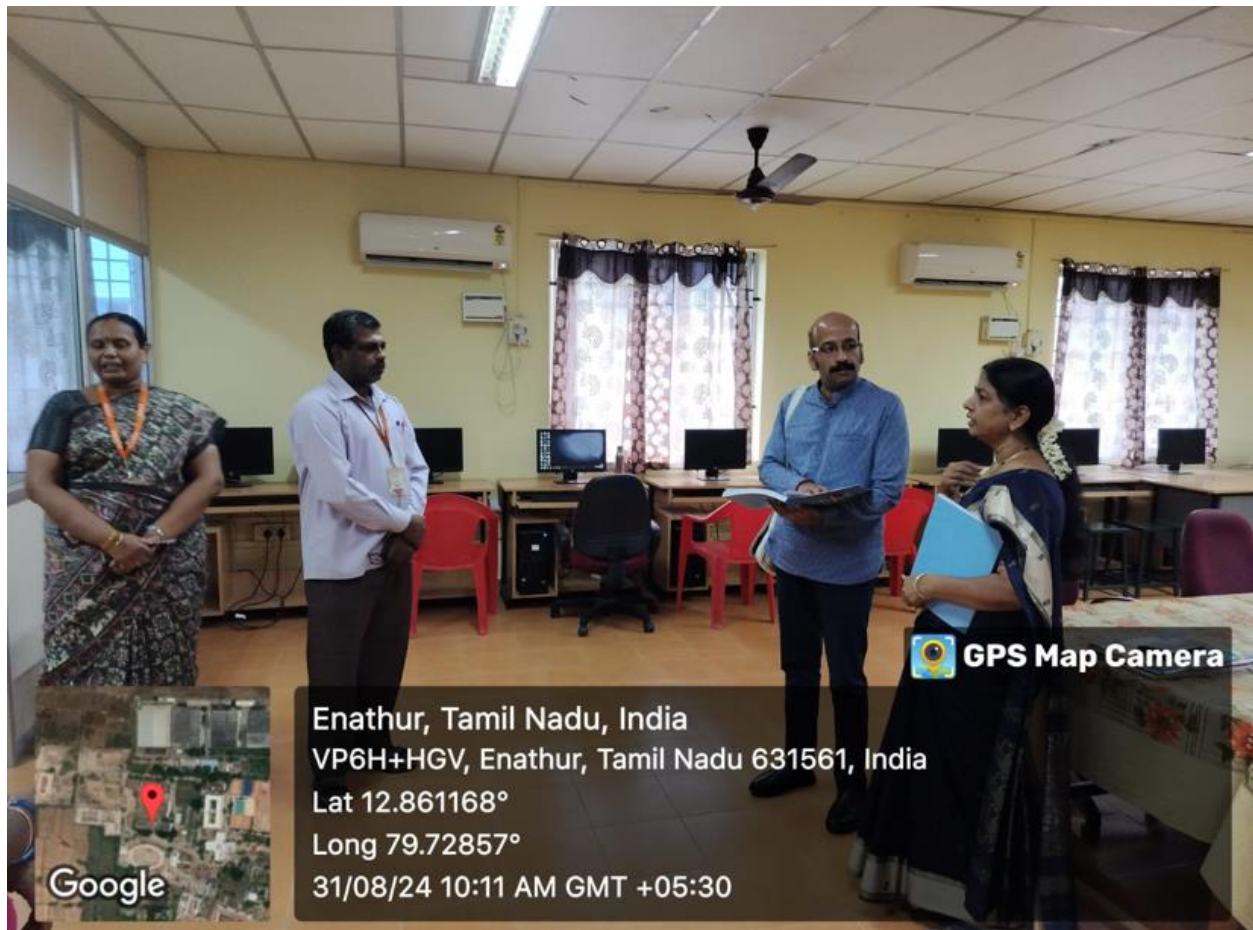
Dr. Suhas Yeshwant Nayak visited the Department of Electronics and Instrumentation Engineering (EIE) at SCSVMV to explore the existing laboratory facilities and provide suggestions for enhancing the virtual learning experience for students.



Department of EIE Labs Visited:

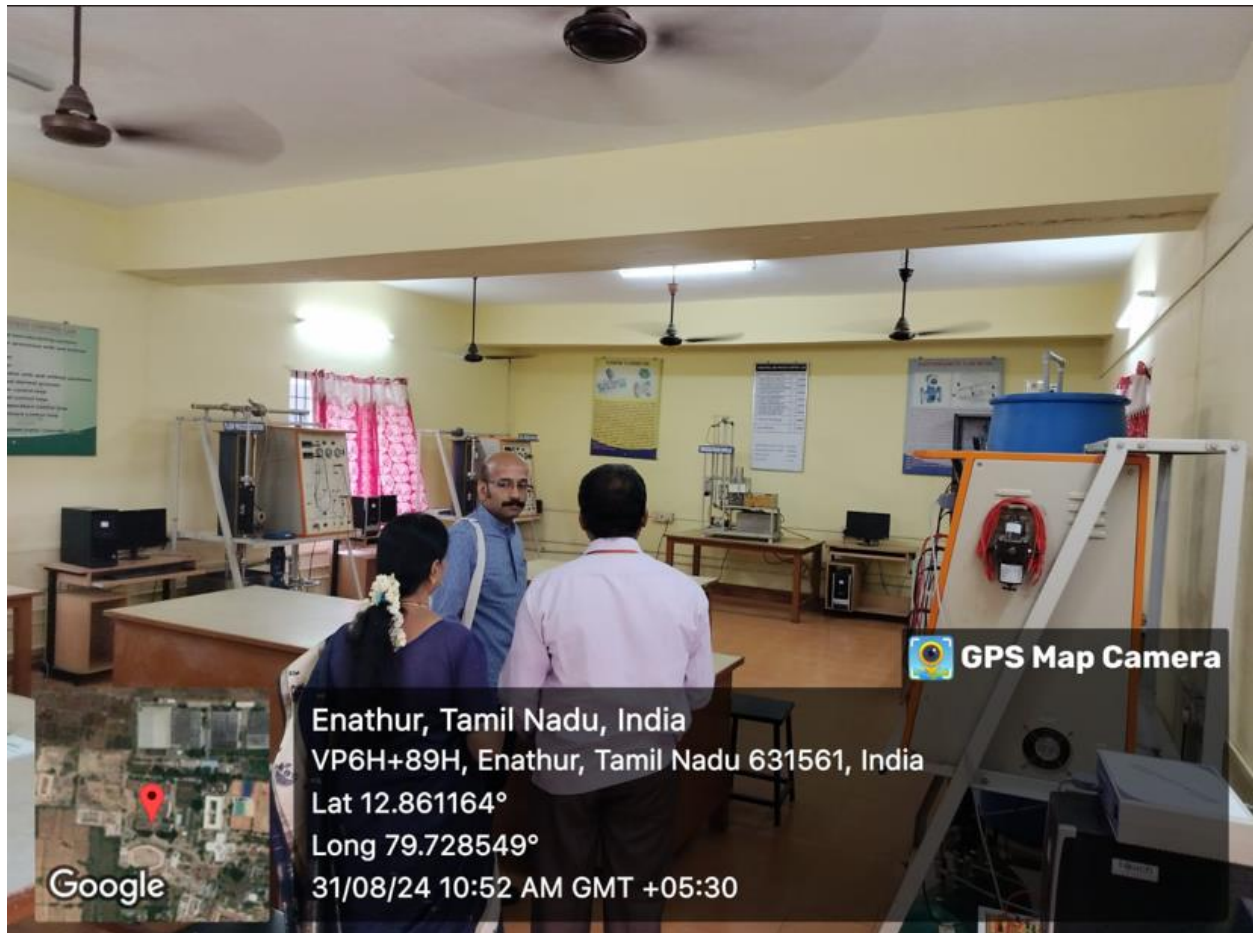
1. Virtual Instrumentation Lab:

Dr. Nayak reviewed the setup of the Virtual Instrumentation Lab and suggested expanding its accessibility to all students through virtual platforms. He emphasized the importance of making the lab resources available online to enhance student learning and engagement. He recommended integrating more virtual tools and simulation software that can be accessed remotely.



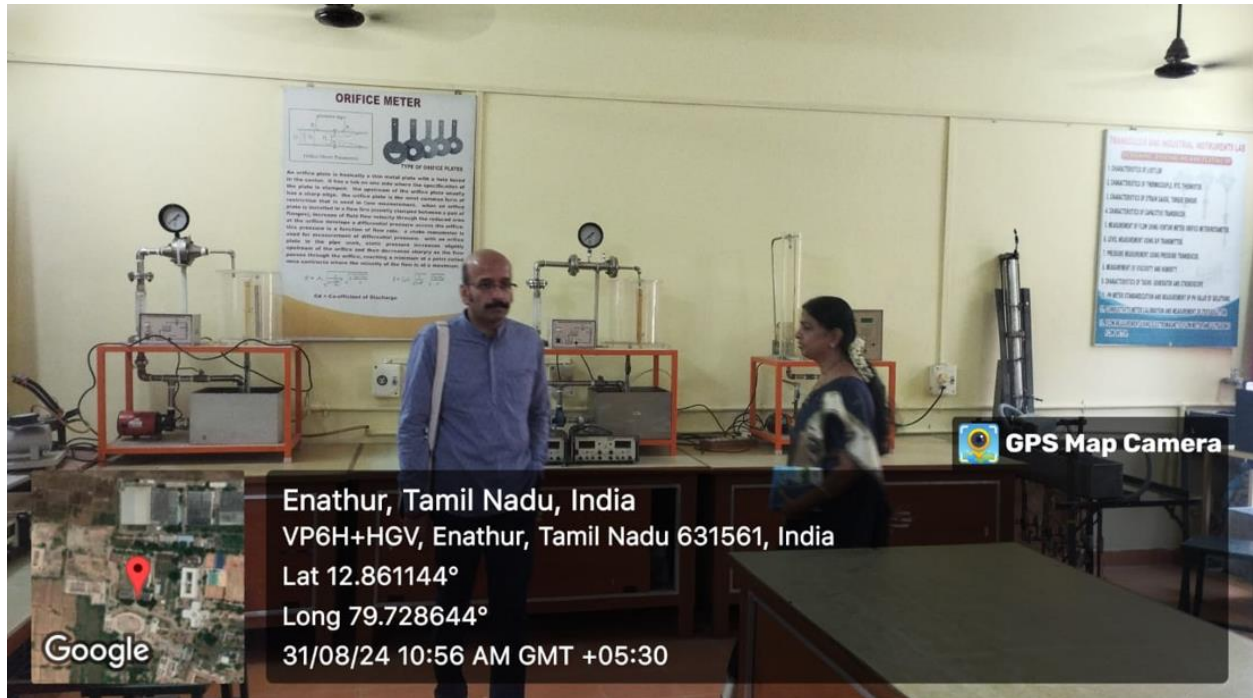
2. Process Control Lab:

During his visit to the Process Control Lab, Dr. Nayak evaluated the current experimental setups and provided feedback on improving them. He suggested adopting new technologies to modernize the lab equipment and encouraged incorporating real-time data acquisition systems to facilitate more interactive and practical learning.



3. Transducer Lab:

In the Transducer Lab, Dr. Nayak inspected the available equipment and recommended enhancing the lab environment with advanced sensors and transducers. He also emphasized the importance of providing students with hands-on experience using industry-standard equipment and software for sensor calibration and signal conditioning.



Discussion and Suggestions:

- Dr. Nayak shared insights from the Manipal Institute of Technology regarding their internal test patterns, attendance policies, and final internal test mark schemes. He suggested considering similar practices to improve academic rigor and student performance at SCSVMV.
- He highlighted the significance of research collaboration and expressed interest in potential research partnerships between SCSVMV and Manipal Institute of Technology. He proposed exploring joint research projects, faculty exchange programs, and student internships to strengthen academic and research ties between the two institutions.
- Dr. Nayak also called for temporary faculty exchanges between both universities, allowing faculty members from SCSVMV and Manipal Institute of Technology to work at the counterpart institution. This initiative aims to promote knowledge sharing, enhance faculty development, and foster closer collaboration between the universities.

Conclusion:

The visit of Dr. Suhas Yeshwant Nayak was highly beneficial for the EIE department, providing valuable suggestions for the virtual enhancement of lab facilities and potential collaborative

opportunities. His insights and recommendations will be considered for future planning and development.

Action Items:

- Evaluate the feasibility of implementing virtual lab platforms for the Virtual Instrumentation Lab.
- Explore options for upgrading equipment in the Process Control Lab and Transducer Lab.
- Consider the internal test pattern, attendance policy, and mark scheme suggestions for potential implementation.
- Initiate discussions on possible research collaborations with the Manipal Institute of Technology.
- Develop a framework for temporary faculty exchanges between SCSVMV and Manipal Institute of Technology to promote mutual learning and collaboration.