VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

(Autonomous)

Tiruchengode – 637205

Submitted to Chairman & Secretary:

Report on visit to SNS Educational Institutions and PSG step, Coimbatore on 23.08.23

This report outlines the observations and insights gathered during the One-day visit to the SNS Educational Institutions and PSG iTech, Coimbatore on 23.08.23

SNS Educational Institutions, Coimbatore:

Innovation and creativity are integral components of modern education, especially in the field of technology and engineering. SNS College of Technology recognizes the importance of fostering innovation and creative thinking among its students. As part of this commitment, a visit was conducted to the Innovation Hub, Liquid Studio, 24X7 project development center, SPINE-The SNS student's activity and Talent Centre to explore the implementation of the Design Thinking curriculum in their institution.

Key Takeaways

- Involvement of Design Thinking team in Framing Curriculum Structure
- Implementation of Design Thinking Boot Camp
- Solving Industrial problems using Innovative Technologies
- Innovation Hub

  Category I: Innovation Technologies

  1.Robotics & Automation 2.AR/VR/Meta verse Gaming & Digital Twins 3. Data science/AI/ML 4.IOT 5. Communication and growth tec 6. Additive manufacturing (3D Printing) 7. Low code Development

  Category II: Innovation Industries

  1.Smart city/Manufacturing 2. Health care 3. Agriculture & Food Tech 4. Automobile 5. Aerospace & Defence 6. Retail, Real Estate, Entertainment and Finance, 7. Power Energy

Mentorship and Guidance from Industry: Trained mentors are available on demand to guide the students through the innovation process. They provide support in ideation, concept development, and prototype creation. This mentorship ensures that students receive expert guidance at every stage of their projects.

The institution encourages students to work on real-world challenges and industry-specific problems. This approach helps students connect their theoretical knowledge with practical applications, enhancing their problem-solving skills.

PSG step, Coimbatore:

Key Takeaways

- Startups functioning in PSG Step
  Working space provided for campus companies and external startups functioning in PSG Step.
- Innovation laboratory
  Students are encouraged to utilize innovation laboratory for project development

Faculty Members:

1.Dr.T.Manikandan,AP/ECE

2.Mr.D.Santhoshkuma,AP/EEE

3.Mrs.A.Thamaraiselvi,AP/CSE

Principal

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SNS Group of Institutions

Interaction with Design Thinking Team

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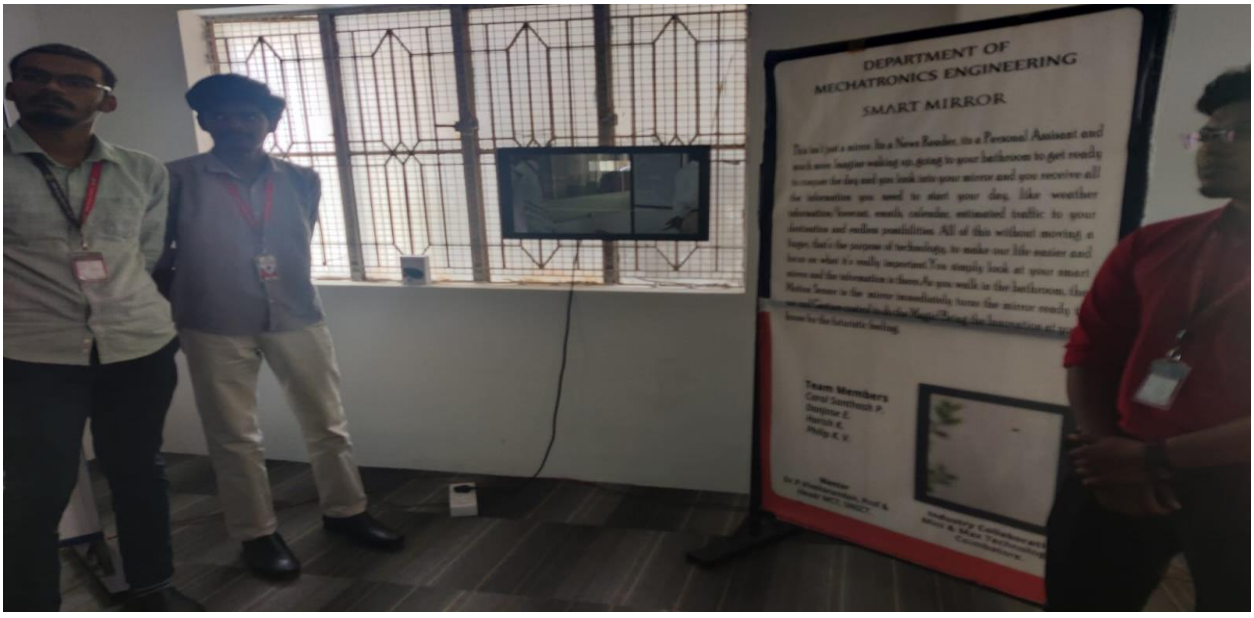

Project display

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Drone lab

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Automotive Lab

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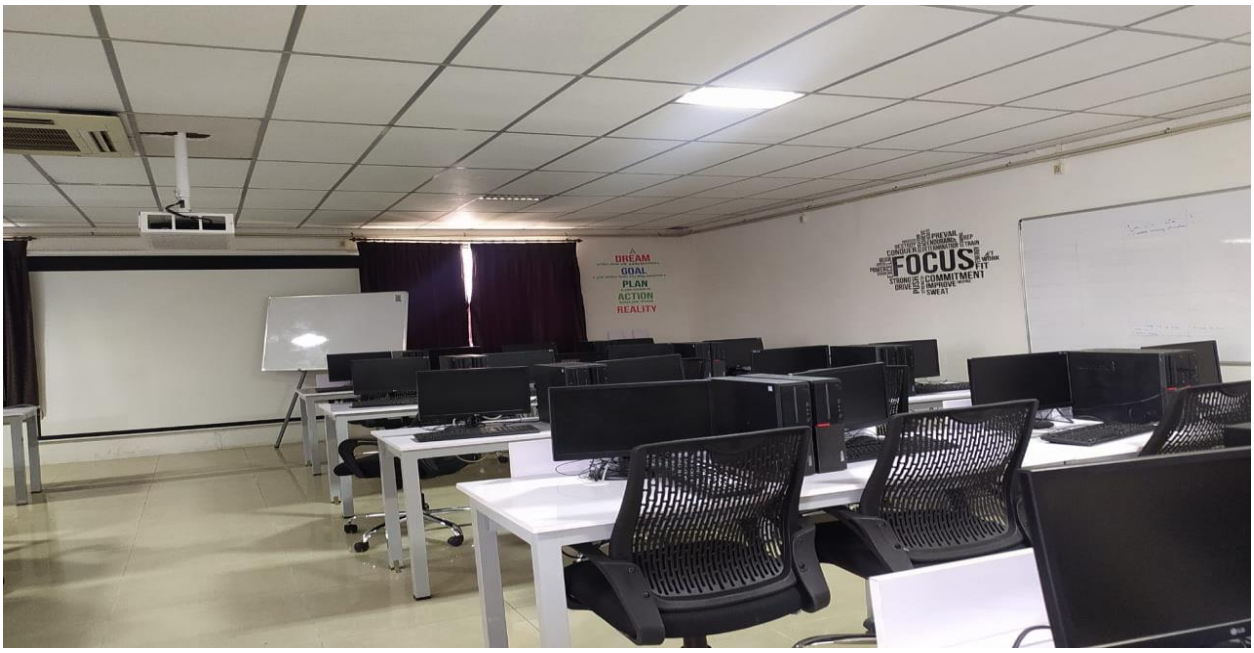
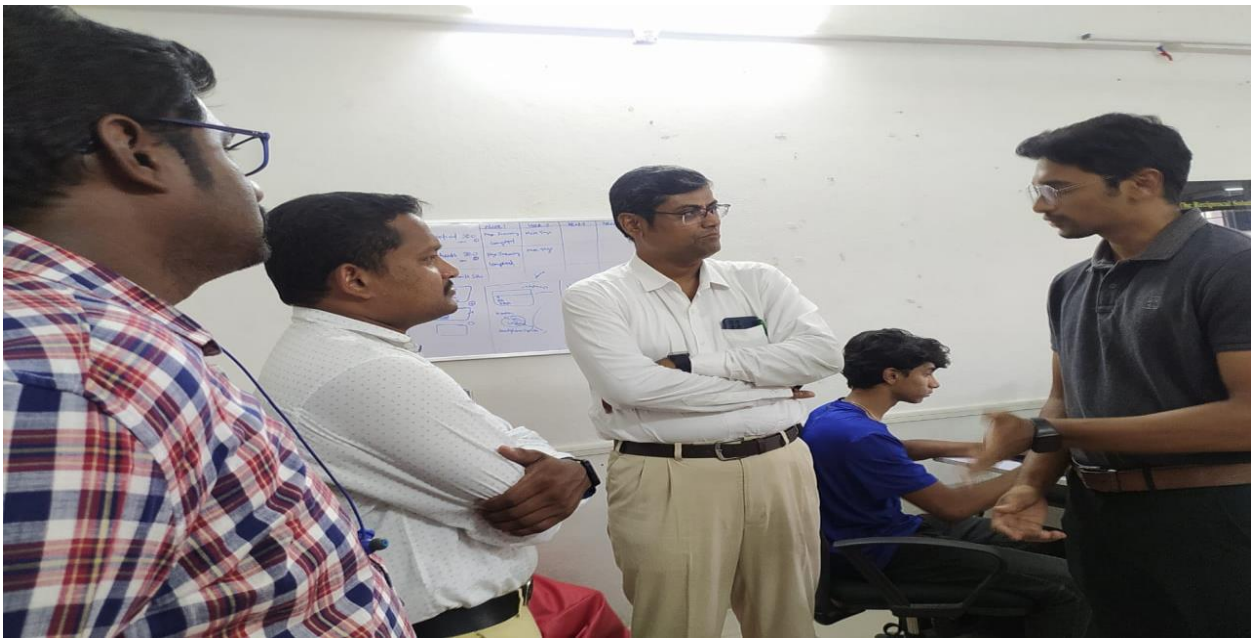
Innovation Hub





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SPINE

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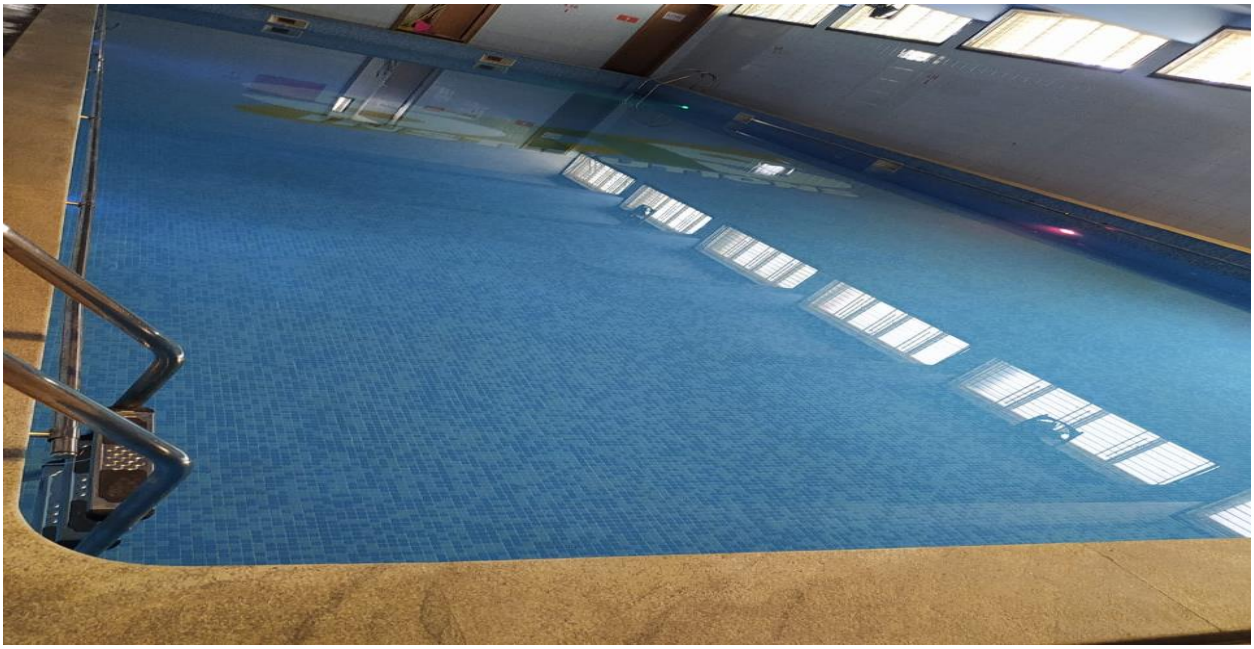

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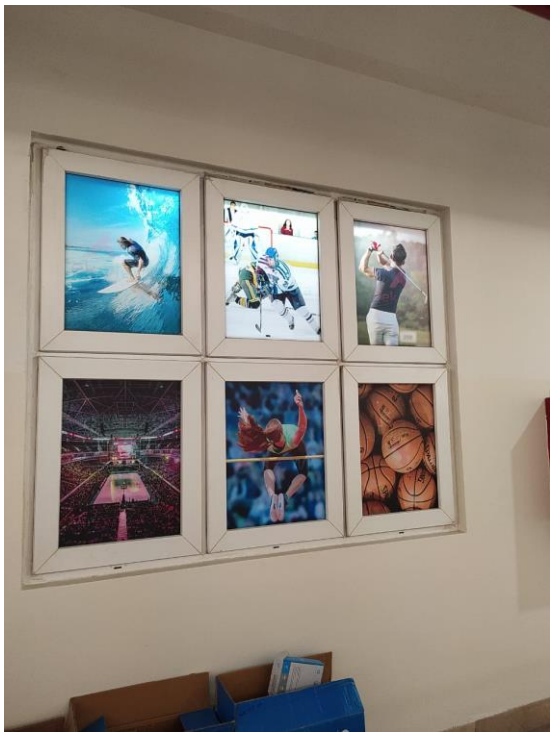
PSG itech - STEP



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PSG TECHS COE INDUTECH