



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



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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

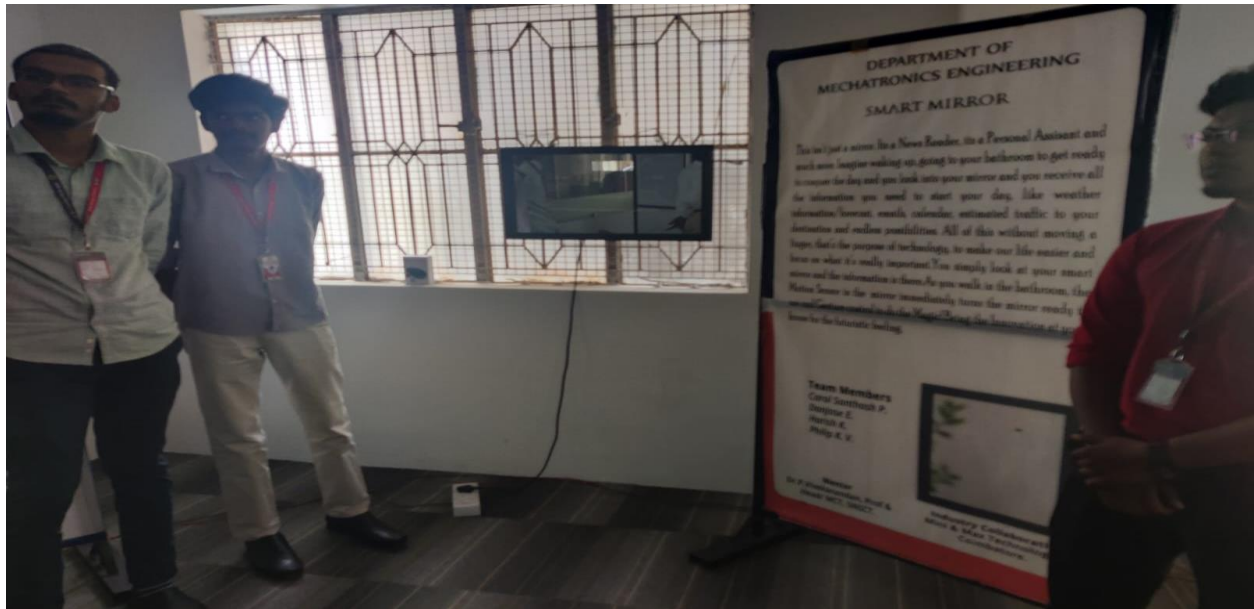


Interaction with Design Thinking Team



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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

SPINE - The SNS Student Talent & Activity Center
*Innovation hub, Co-working Space
Dance, Music, Arts, Cultural Center
Fitness & Sports Center*

SPINE **X2** Exclusive Program Offered by SNS SPINE

FIT INDIA
Supporting Prime Minister's and Government Initiatives

Fitness & Sports

- Gymnasium
- Indoor Cricket
- Swimming Pool
- Tennis Court
- Fives Football
- Wooden Shuttle Court
- Beach Volleyball
- Basketball
- & Many More...

Arts & Cultural Center

- Music Studio
- Sound Recording & Composing Studio
- Movie Theatre
- Dance Studio
- & Many More...

Start-Up Co-Working Space

- Innovation Labs
- Start Up Work Space
- Incubator
- & Many More...

Entertainment & Gaming

- Video Gaming
- Foosball
- Billiards
- Table Games
- Air Hockey
- Fun Games
- Kids Play Area
- & Many More...

iNnovation Hub

- Innovation & Incubation Program
- Sandbox & Start-up Space
- Network & Mentoring
- Consultancy & Projects
- Funding & Grants

CARDIO & FITNESS SECTION

FUNCTIONAL TRAINING

INDOOR CRICKET PITCH

WOODEN SHUTTLE COURT

TENNIS COURT

BASKETBALL COURT

FIVES FOOTBALL

FOOD COURT

INDOOR SWIMMING POOL

INDOOR

FOOSBALL

PLAY AREA

BILLIARDS/SNOOKER

DANCE STUDIO

ART ROOM

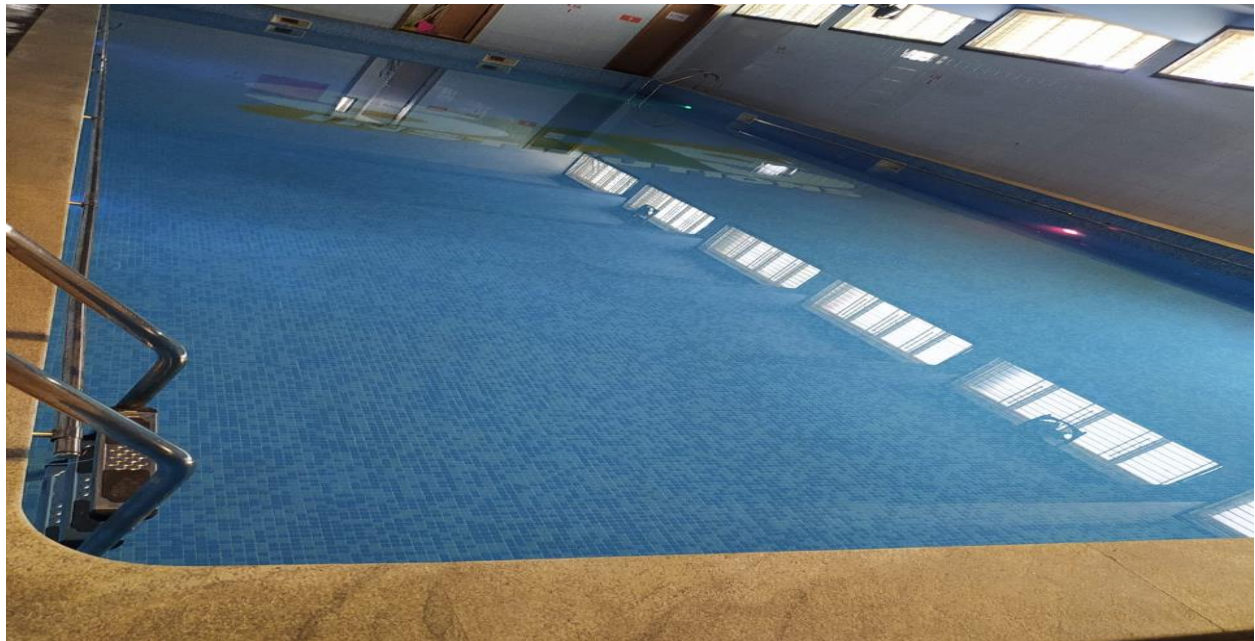
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PSG itech - STEP





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PSG TECHS COE INDUTECH

