



**Sri Chandrasekharendra Saraswathi Viswa  
Mahavidyalaya**

(University U/S 3 of UGC Act, 1956)  
Accredited with 'A' Grade by NAAC  
Enathur, Kancheepuram - 631 561.



**With the blessings of Their Holinesses**



*Department of EIE –  
Mechatronics Engineering*

**Invites you for**

**57<sup>th</sup> ENGINEERS' DAY**

**In commemoration of the 164<sup>th</sup> Birth day of**

**Bharat Ratna Sir M.Visvesvaraya**

**Celebrations On**

**24<sup>th</sup> September 2024**



**AT**

**VIRTUAL INSTRUMENTATION LAB,  
EIE DEPARTMENT, SCSVMV**

## **PROGRAMME SCHEDULE**

- 10.20 am : Prayer
- 10.25 am : Welcome address by  
Mr. Sai PhaniChandra, IV Mechatronics
- 10.30 am : Engineers day Theme by  
Dr. T. Lakshmibai, HOD/EIE.
- 10.45 am : Release of Engineers' Day Magazine CD  
*"Injenieurs Navapravastana"*
- 11.00 am : Honouring the Guest.
- 11.05 am : Special Address –  
"AI and Robotics – Insights for Engineering Students"  
By Mr. Krishnan , Associate Engineer (AI & Autonomy),  
Collins Aerospace, Bangalore.  
"Think Big: Unleashing Your Potential for Excellence."  
By Mr. Arvind Ganesan, Business Intelligence at Interfax  
Europe limited, London, United Kingdom.
- 11.35 pm : Presentation by Students
1. "Hayagriva Formation and Beyond":  
By Mr. D. Datta Sai, IV Mechatronics
  2. "Hybrid Vehicles":  
By Mr. R Vaidya, IV Mechanical
  3. "Sir Mokshagundam Visvesvaraya":  
By Mr. Venkatarunachalam, I CSE
  4. "Robotics and Automation":  
By Mr. Harshit and Mr. Siddans, I Mechatronics
  5. "Three-Body Problem" – PPT Presentation  
By Mr.P.Anantha Padmanabban, IV Mechatronics
  6. "New Era of Robotics Using ROS":  
By Mr. Ch. Sai Phanichandra, IV Mechatronics
  7. "Star Formation and Space"  
By Mr. Hardik Srivatsa, III Mechatronics
  8. "Electric Vehicles":  
By Mr. G. Sudhan, III Mechatronics
  9. Nandha Gopal (III yr, CSE Department) Song.
  10. Sujith (III yr, CSE Department) - Song.
  11. Abhinav (III yr, CSE Department) - Song.
- 12.55 pm : Vote of Thanks  
by Mr.P.Anantha Padmanabban, IV Mechatronics
- 01.00 pm : National Anthem

# SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA(SCSVMV)

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

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Department of Electronics and Instrumentation Engineering

## ENGINEERS' DAY 2024 – REPORT

1. Department of EIE Sri Chandrasekharendra Saraswathi Viswa MahaVidyalaya (SCSVMV) planned to celebrate ENGINEERS DAY 2024 on 24.09.2024. The Coordinator of this program Dr.T.Sundar AP/EIE made all the arrangements for the smooth conduction of the program.
2. The "ENGINEERS DAY 2024" celebrations started on 24.09.2023 (Tuesday) from 10.30am onwards with prayer by Ms. Sri Sai Shravani, IV Mechatronics.



3. Welcome address given by Fourth year Mechatronics student Mr. Sai Phani Chandra.
4. Dr.T.Lakshmibai HOD/EIE, described the Engineers' Day theme, "Innovating for a Sustainable Future." and explained the importance of celebrating Engineers day.



5. A CD release of Engineers day Magazine "InjenieursNavapravastana" was preceded by its video release. This magazine "InjeneiursNavapravastana" (Eighth Issue), which is being released every year during Engineers' Day celebrations in commemoration of the



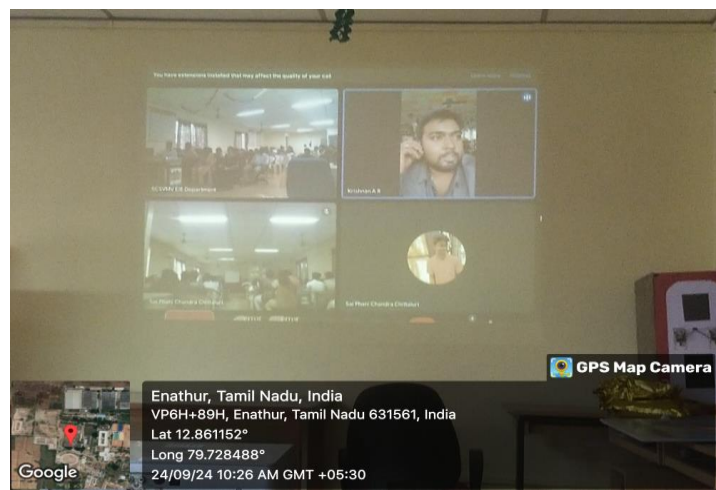
birthday of Bharat Ratna Sir. Mr. Visvesvaraya. This magazine was named by 2010-2014 batch students. The first part “injeneiurs” which means the word Engineer in French language and the second part “Navapravastana” which means “innovation” in Sanskrit, together denote an “INNOVATIVE ENGINEERS”.

Magazine Compiled and edited by – Dr.T. Lakshmibai, HOD/EIE.

Student supporters – Mr. D. Datta Sai & Mr. P. Ananthapadmanabhan, IV year-Mechatronics



6. Chief Guest Mr.A.R. Krishnan, Associate Engineer (AI & Autonomy), Collins Aerospace gave a speech about “AI and Robotics – Insights for Engineering Students”.



7. Chief Guest Mr.Arvind Ganesan, Business Intelligence at Interfax Europe limited. London, United Kingdom, gave a speech about "Think Big: Unleashing Your Potential for Excellence."



  
**SRI CHANDRASEKHARENDRA SARASWATHI VISWA MAHAVIDYALAYA**  
(DEEMED TO BE UNIVERSITY)  
(ACCREDITED WITH 'A' GRADE BY NAAC)  
ENATHUR, KANCHIPURAM-631561, TAMIL NADU, INDIA.  
**DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION**  
**ENGINEERING & SETS CLUB**

*Invitation*

**ENGINEERS' DAY**

Chief Guest  
**Krishnan A R**  
Associate Engineer (AI & Autonomy)  
Collins Aerospace

**Arvind Ganesan**  
Business Intelligence at Interfax Europe  
Limited. London, United Kingdom.

**Dr. T. Lakshmibai**  
HOD/EIE  
Will Address the Gathering

SEPTEMBER

TUESDAY **24** 10:00 AM

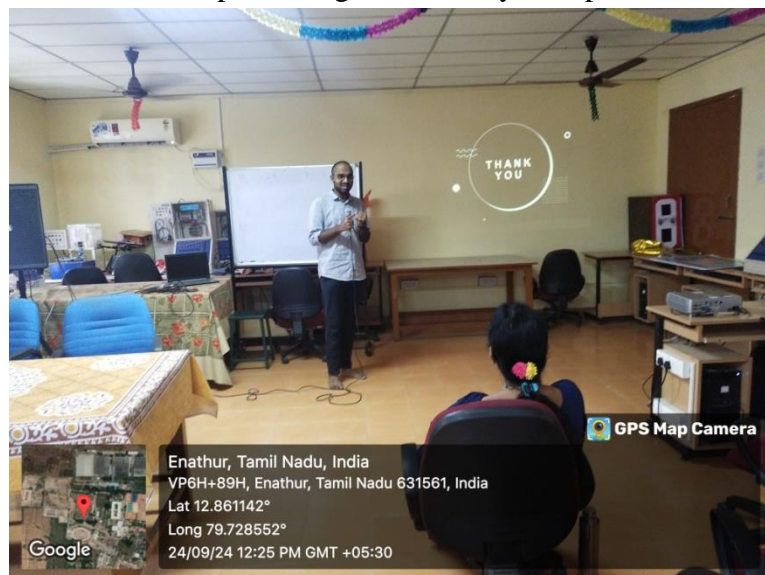
VENUE:  
VI LAB, EIE DEPARTMENT,  
SANSKRIT BLOCK

### *Presentations by students*

1. D. Datta Sai (IV yr, Mechatronics)- "Hayagriva Formation and Beyond":Datta Sai presented a compelling talk on the story of Hayagriva Formation and its significance, blending mythology and science to explore the concept of birth in both physical and metaphorical terms.



2. R Vaidya (IV yr, Mechanical) - "Hybrid Vehicles": Vaidhya delivered a comprehensive presentation on Hybrid Vehicles, discussing the latest innovations in sustainable automotive technology. His presentation focused on the importance of hybrid solutions in reducing carbon emissions and promoting eco-friendly transportation.

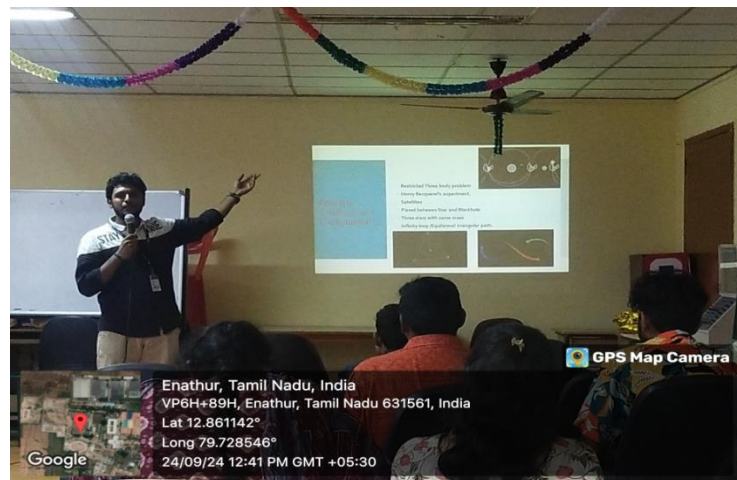
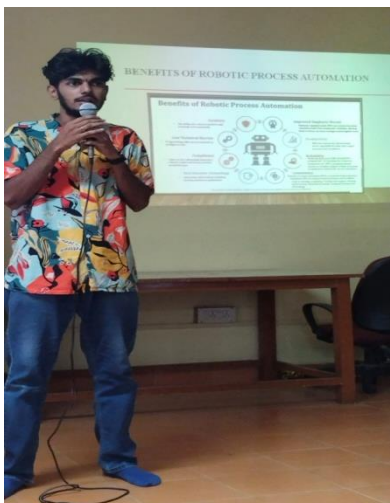




3. Venkatachalam (I yr, CSE) - "Sir Mokshagundam Visvesvaraya": Venkatachalam provided an insightful presentation on Sir Mokshagundam Visvesvaraya, offering a detailed overview of his life, achievements, and contributions to engineering in India.

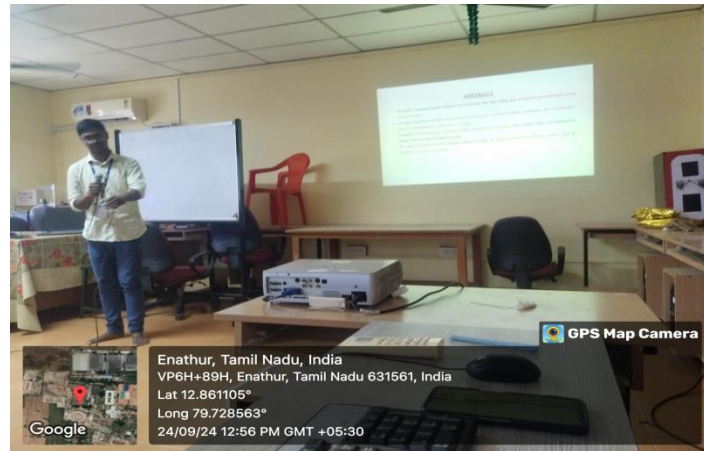


4. Harshith and Siddans (I yr, Mechatronics) - "Robotics and Automation": Harshith and Siddans presented on Robotics and Automation, emphasizing the role of automation in modern manufacturing and industrial processes. Their presentation explored how robotics is revolutionizing sectors like healthcare, production, and space exploration.



5. Anantha Padmanabban (IV yr, Mechatronics) - "Three-Body Problem": Anantha Padmanabban delivered an engaging presentation on the Three-Body Problem, a topic from celestial mechanics that deals with the interaction between three celestial bodies. He explained the mathematical and physical challenges involved in solving this problem, linking it to space exploration and orbital mechanics.

6. Sai Phani Chandra (IV yr, Mechatronics) - "New Era of Robotics Using ROS": Sai Phani Chandra gave an insightful presentation on the New Era of Robotics Using ROS (Robot Operating System). He discussed how ROS is revolutionizing the way robotic systems are built and operated, with applications in autonomous vehicles, industrial automation, and research.



7. Hardik Srivatsa - "Star Formation and Space": Hardik provided an astrophysics-based presentation on Star Formation, explaining the lifecycle of stars and their role in the universe's evolution.
8. G.Sudhan - "Electric Vehicles": G.Sudhan closed the technical presentations with a talk on Electric Vehicles, covering the technological advancements in electric mobility and their importance in reducing global dependence on fossil fuels.



### **Cultural Performances by Students**

1. Nandha Gopal (III yr, CSE Department) - Song Performance.
2. Sujith (III yr, CSE Department) - Song Performance.



3. Abhinav (III yr, CSE Department) - Song Performance.



### Quiz Competition: "Guess Who"

Following the presentation, a quiz titled "Guess Who" was held. Participants were tasked with identifying celebrities based on two image puzzles. This activity added an element of fun and engagement to the event.



11. Vote of Thanks given by Mr. P Anantha Padmanabban, IV Mechatronics

12. Finally the "ENGINEERS DAY 2024" celebrations end with National Anthem.