

**WOMEN EMPOWERMENT CELL, SVCE  
&  
EPIC CELL, SVCE  
HACK'HER'THON 2024**

**05/03/2024 & 06/03/2024**

**Report**

**Convenor:**

**Dr. KR Santha**, WEC Chairperson, Vice Principal and HOD/EEE,  
**Dr. S. Ilaiyavel**, EPIC Manager, Associate Professor/MEC.

**Faculty coordinators:**

**Dr. C. Amutha Charu Sheela**, AP/HSS,  
**Dr. S. Arulmozhi**, ASP/EEE.

**Student Coordinator:**

**Ms. Raaga Priya JK**, III yr ADS.

The 24-hour intercollegiate technical hackathon conducted exclusively for female students was an event aimed at fostering creativity, innovation, and gender diversity in the field of technology. This event provided a platform for young women to showcase their talents, collaborate on projects, and address real-world challenges aligned with the United Nations' 17 Sustainable Development Goals (SDGs).

In total, 50 teams registered for the event and 47 teams, each comprising 3 to 4 talented students participated. Among these teams, 32 hailed from our host institution, SVCE, showcasing the vibrant creativity and innovation present within our student community. Additionally, we welcomed 15 teams from other esteemed colleges (Velammal College of Engineering and Technology, Rajalakshmi College of Engineering, Sri Krishna College of Engineering, Saveetha Engineering College, RMK Engineering College, KPR Institute of Engineering and Technology, Panimalar College of Engineering) contributing to the diverse and dynamic atmosphere of the event.

On the 5th of March, the event commenced with an invigorating start. Before diving into the hackathon, participants engaged in insightful interactions with our esteemed guest speaker Ms. Sofiny Shiju, Senior Manager - IT, Flex and sponsors, who provided invaluable insights and

encouragement about the event. At approximately 10:30 AM, with enthusiasm and determination, students delved into their projects, eager to bring their ideas to life, marking the commencement of the 24-hour hackathon.

Throughout the event, participants were guided by a series of reviews aimed at refining their projects and maximizing their potential impact. Thirteen faculty members from various departments (CSE, ECE, INT, BIO, EEE and CHE) acted as expert members and reviewed the teams. The first review session provided an opportunity for each student team to present their project ideas, receiving constructive feedback and suggestions from mentors and peers. This initial evaluation catalyzed further innovation and improvement.

On the following day, 6th March, after 11:00 AM, participants eagerly awaited their final reviews. A distinguished panel of juries representing various industrial companies lent their expertise and insights, evaluating the projects based on their creativity, feasibility, and alignment with the SDGs. This final assessment provided participants with valuable insights and recognition for their hard work and dedication throughout the hackathon.

Projects developed during the hackathon spanned across the spectrum of the 17 SDGs, addressing critical issues such as climate action, quality education, gender equality, and affordable and clean energy, among others. Participants showcased remarkable creativity and ingenuity in designing solutions that could potentially have a significant positive impact on society.

Few notable project themes are:

1. Sustainable agriculture through IoT-based monitoring systems.
2. Accessible education platforms for underserved communities.
3. Renewable energy solutions for rural areas.
4. Gender-inclusive tech initiatives promoting women's empowerment.
5. Waste management systems leveraging AI and blockchain technology.

**Winner List:**

| PLACE SECURED | TEAM NAME             | TEAM MEMBERS   | AMOUNT RECEIVED |
|---------------|-----------------------|--|-----------------|
| I             | System Zombies (SVCE) | Oviya Srinivasan<br>Preetha B<br>Raja Rajeshvari                           | Rs.15,000/-     |
| II            | Garbycle (REC)        | Sakthisree Moliyan Vel<br>Saimahalakshmi S<br>Sneha P<br>Shreya Sakthi U R | Rs. 10,000/-    |
| III           | Tech Explorers (SVCE) | Jeevitha K<br>Dharani A<br>Jeevasree M                                     | Rs.5000/-       |

***Student Organizing Team:***

| <b>STUDENT NAME</b> | <b>DEPARTMENT</b> |
|---------------------|-------------------|
| Raaga Priya JK      | ADS               |
| Sahana S            | ADS               |
| Shafiya Parveen S   | CSE               |
| Varsha R            | CSE               |
| Siva Ishwarya B     | CSE               |
| Jenny Celesta       | ECE               |
| Padmanjali Kannan   | INT               |
| Fathima Afra S      | INT               |
| Aishwarya S         | INT               |
| Humeirah Zamrudh S  | INT               |

***Gallery:***













This event helped students to improve their creativity and thinking ability. The jury also pitched ideas in the business aspect which would be useful in inspiring students for entrepreneurial fields. In addition, it gave good opportunities for students of all years and departments to work together as teams and improve their teamwork and communication skills.

*KR. Santha*

**Dr. KR. Santha,**  
**WEC-Chairperson.**  
**KR, SANTHA, ME,PHD.,**  
**Vice Principal**  
**Head of the Department**  
**Department of Electrical and Electronics Engineering**  
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