PEARLHACK 3.0

Delegate Booklet

TABLE OF CONTENTS

WHAT IS IEEE WIE?

IEEE Women In Engineering (WIE) is a global network of IEEE members and volunteers committed to promoting female engineers and scientists while inspiring girls worldwide to pursue academic and professional careers in engineering and science. As part of the world's largest technical professional association, WIE is dedicated to advancing technology for the greater good.

The WIE Student Branch Affinity Group of Sabaragamuwa University of Sri Lanka is proud to be the 5th IEEE WIE chapter in the country. It actively works to make it easier for women to enter and excel in technological fields. With a vision of building a thriving community of IEEE women and men, WIE aims to foster collaboration and innovation for the betterment of humanity.

PEARLHACK'S UNFORGETTABLE MOMENTS

PearlHack has been a journey of creativity, innovation, and collaboration, evolving from its beginnings in V1.0 to the vibrant energy of V2.0 in 2024. It has grown into a platform that celebrates the brilliance of women tech enthusiasts by bringing passionate minds together to solve real-world challenges and push the boundaries of innovation. Beyond ideas, PearlHack rewards participants with mentorship, recognition, and unforgettable moments, leaving a lasting impact. It embodies a shared spirit of growth, ambition, and camaraderie an experience to treasure forever.

WHAT IS PEARLHACK 3.0 ?

IDEATHON

Focused on AI-based innovations

DESIGNATHON

Centered on AR/VR technologies

With the theme 'Empowering Humanity Through Innovation, PearlHack 3.0 is both an Ideathon and a Designathon hackathon, organized in parallel with International Conference on Advanced Research in Computing(ICARC) 2025 and open to all female undergraduates across the island. The event offers participants the flexibility to join both virtually and physically.

What makes PearlHack 3.0 unique is its two specialized categories, allowing participants to choose based on their interests. The goal is to develop human-centered solutions that address real-world challenges, showcase talent, and foster AI and AR/VR skills.

The event will be conducted under the supervision of a panel of judges and in accordance with the terms and conditions set by the organizing committee.

BENEFITS OF PEARLHACK 3.0

PearlHack 3.0 provides female undergraduates with an empowering platform to excel in the ever evolving tech industry. This hands on hackathon allows participants to work with cutting edge technologies, enhancing their technical expertise. The event fosters creativity and innovation and encourages problem-solving and leadership skills. PearlHack 3.0 also creates invaluable networking opportunities, connecting participants with like minded peers and industry experts, helping to shape the future of women in technology.

EVENT TIMELINE

NOV 29
Opening Registrations

DEC 22
Registration Closing

DEC 23
Introduction Session

DEC 25
Introduction to UI/UX

DEC 27
Proposal Submission (Ideathon & Designathon)

JAN 30
Award Ceremony

JAN 27
Awareness Session about Pitching

JAN 26
Final Submission (Ideathon & Designathon)

JAN 12
Awareness Session about AR/VR

JAN 10
Awareness Session about AI Models

WHAT'S DIFFERENT IN PEARLHACK 3.0?

PearlHack 3.0 features two distinct categories, Ideathon and Designathon, tailored to inspire innovation and creativity among female undergraduates.Participants face unique challenges developing solutions for real-world scenarios ensuring they showcase technical skills while navigating practical constraints and industry standards, making it stand out from traditional hackathons.

HOW TO REGISTER?

- Visit the PearlHack official website https://pearlhack.lk/ and choose the competition you wish to participate in (**Ideathon** or **Designathon**).

- Go to the 'Register' section and fill out the registration form with the required details.

- Provide your team information, including the **team name**, **university**, and **team leader's details.**

- Enter contact details for the team leader and all team members.

- Submit the registration form before the deadline.

- Keep track of important dates mentioned on the website.

- Registration **opens on Nov 29th**, and all participants must register as part of a team

RULES AND REGULATIONS

- Female undergraduates of any University or Higher Educational Institute are eligible to participate in this competition.

- A team must consist of a minimum of 3 members and a maximum of 4 members. Participants in a team should represent the same University or the Higher Educational Institute.

- A team can only participate in one category (Either Ideathon or Designathon).

- The judges' decision will be the final decision.

GUIDELINES FOR THE DESIGNATHON

- Submissions must be the original work of the participant/team.

- Plagiarism or use of uncredited third party materials will result in disqualification.

- Submissions for each stage must be made before the specified deadlines.

- All participants will receive a predefined scenario at the start of the competition.

- Designs and solutions must align with the given scenario.

- The use of AR/VR should enhance the user experience and be relevant to the given scenario.

GUIDELINES FOR THE IDEATHON

- Submissions must be original and developed by the participant/team.

- Use of uncredited third party content or plagiarism will result in disqualification.

- Each round has specific deadlines.

- Late submissions will not be considered.

- The competition will provide a limited scope to ensure a focused and feasible challenge.

- Solutions must align with the given scope and demonstrate the use of AI-based technologies.

REGISTER NOW

Kickstart your exciting journey with just one click!

Click here

CONTACT US

Warushika Dahanayaka
WIE Chairperson
✉ sdwarushika@std.appsc.sab.ac.lk
in Rashmi Warushika
📞 +94 70 490 4032

Tharani De Silva
WIE Vice Chairperson
✉ mtddesilva@std.appsc.sab.ac.lk
in Tharani De Silva
📞 +94 71 281 1725

Harsha Fernando
Project Chair
✉ fernando.harsha2021@gmail.com
in Harsha Fernando
📞 +94 76 357 9425

Anuththara Dias
Design Coordinator
✉ anuththaradias27@gmail.cpm
in Anuththara Dias
📞 +94 70 402 6770

BEST OF LUCK !