

{HACKAHOLICS5.0\}

Inter University Girls' Only Hackathon



**IEEE WIE Student Branch Affinity Group
University of Colombo School of Computing**



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University of Colombo School of Computing (UCSC)

The University of Colombo School of Computing (UCSC) was founded in September 2002, under the proactive and visionary leadership of Emeritus Professor V. K. Samaranayake who is the founding Director. Now, the University of Colombo School of Computing has a reputed faculty with national and international affiliations and a powerful industry relationship, which has contributed to its high employability.

The main task of UCSC is to produce industry-focused undergraduate B.Sc. degree programs in Computer Science, Software Engineering, and Information Systems for students via the University Grants Commission. At present, UCSC also provides knowledge and services to external students at both undergraduate and postgraduate levels in Information Communication Technology for careers such as Software Development, System Analyst, Network Administration, Database Administration, Web Development, IT Management, IT Strategic Planning, and IT Policy Making.

● Vision

“Be a Global Leader in Computing, Advancing the Frontiers of new knowledge through Learning and Research.”

● Mission

“To advance and enhance computing knowledge, fostering global strategic alliances, promoting cross-disciplinary research, producing socially responsible professionals with entrepreneurial skills, leadership qualities and integrity contributing to position the country as a knowledge hub in the region.”

Institute of Electrical and Electronics Engineers (IEEE)



The Institute of Electrical and Electronic Engineering (IEEE) is the world's largest professional environment for the enhancement of technology. Aside from professionals, the IEEE also benefits students pursuing technological studies.

IEEE and its members inspire a global community through their distinctly cited publications, conferences, technology standards, and professional and educational activities. IEEE creates an environment where members collaborate on world-changing technologies - from computing and sustainable energy systems to aerospace, communications, robotics, healthcare, and many more.

There are more than 425,000 IEEE members in more than 160 countries, representing a wide range of IEEE technical interests, and 585 student branch chapters of IEEE technical societies have been established to target them. They are all united by a common desire to continuously learn, interact, collaborate, and innovate.

IEEE does not only consider undergraduate university career of their student members but also try to support them in future professions in various ways such as mentoring programs which student members can request guidance from expertized people on different research areas to seek postgraduate opportunities, discounts, and other facilities to student members for participating research conferences organized by IEEE and providing a job network where member have access to look for variable vacancies around the world and gain professional guidance in finding jobs.

Mission

"IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity."

Vision

"IEEE will be essential to the global technical community and technical professionals everywhere, and be universally recognized for the contributions of technology and technical professionals in improving global conditions."

IEEE Women In Engineering (IEEE WIE)



IEEE Women in Engineering (WIE) is one of the largest international professional organizations dedicated to promoting women engineers and scientists, and inspiring females around the world to follow their academic interests for a career in engineering. IEEE WIE is led by a diverse body of elected and appointed volunteer members. The governance structure includes boards for operational areas, and bodies representing members in the 45 Societies, Technical Councils, and ten worldwide geographic regions. The WIE Committee (WIEC) is responsible for facilitating the development of programs and activities that,

- Promote entry and retention of women in engineering programs.
- Enhance career advancement for women in the profession.
- Promote IEEE membership and retention of IEEE women members.

Mission & Vision

“The prime goal of IEEE WIE is to facilitate the recruitment and retention of women in technical disciplines globally while envisioning a vibrant community of IEEE women and men collectively using their diverse talents to innovate for the benefit of humanity.”

IEEE Student Branch UCSC

The IEEE Student Branch of the University of Colombo School of Computing was established in 2011. During the past few years, we were able to achieve great success. The Student Branch has been formed with the participation and contribution of all four batches of the University of Colombo School of Computing and it has been organizing many activities such as workshops, competitions, awareness sessions to enhance the professional development of the students.

Moreover, by engaging in activities organized by the student branch, the members can also gain technical experience and knowledge, personality development skills such as organization, leadership, and interaction because the core purpose of the IEEE Student Branch of UCSC is to serve humanity through technological innovations.

IEEE Women in Engineering Student Branch Affinity Group UCSC



IEEE Women in Engineering (WIE) is an international organization that was established to promote and inspire women around the world to step towards the world of Engineering.

IEEE WIE Student Branch of the University of Colombo School of Computing (UCSC) was started to improve the women's contribution towards electrical and electronic engineering among the universities and school while empowering women of all spheres in the society to stand up high in their respective fields.

● Mission & Vision

To be the most renowned university Student Branch which aims to improve the participation of women in the field of engineering and empower women in their respective fields.

Hackaholics 5.0 Overview

Hackaholics 5.0, a Girls' Only Hackathon organized by the IEEE WIE Student Branch Affinity Group of UCSC, will be held for the fifth consecutive year. The purpose of this event is to provide female undergraduates with an opportunity to discuss some critical issues in our society and come up with the best solutions. As an Ideathon, this event helps build cooperation, collaboration, and coordination among participants.

The event will begin with a virtual scholarship awareness session for all undergraduates across the country to give them exposure to the scholarships. This event consists of two rounds. Following the awareness workshop, teams of three students from the same university will be able to submit proposals for the initial round. The final 10 teams will be chosen from them. The finalists will take part in the final round, which will take place physically on February 19th, 2023. The final 10 teams will be chosen by the judge panel consisting of lectures, and the final round winners will be chosen by the judge panel consisting of industry experts. Winning teams will be awarded cash prizes.

Objectives

- Encourage and motivate women in technology.
- Inspire the participants to take a risk.
- Enhance the participants to understand their potential.
- Provide an opportunity for students to improve and demonstrate their development skills.
- The participants will apply for scholarships and internship programs that are capable of shaping their careers.

Event Profile

Awareness Session

For students pursuing undergraduate or graduate degrees, a variety of organizations offer scholarships. Scholarships such as GHC and WTM are offered to women who are undergraduates and above. The internship programs offered by Outreachy are for people subjected to systemic bias and impacted by underrepresentation in the technical industry where they are living. This awareness session is for all undergraduates to make them aware of these kinds of scholarships and internship programs.

Date	23rd of December 2022
Duration	6.00 p.m to 8.00 p.m
Venue	Via Zoom
Participants	100 +

Hackaholics 5.0 Final Day

Final round competition for finalists to select winners. Finalists have to present their idea to the judge panel and three teams will be selected as winners.

1st Place - Rs. 35,000

2nd Place - Rs. 20,000

3rd Place - Rs. 15,000

Date	19th of February 2023
Duration	9.00 a.m to 5.00 p.m
Venue	UCSC premises
Participants	10 teams (3 per each)

Proposed Budget

Expenses	Amount (LKR)
Food	50,000
Printing Materials	140,000
Souvenirs	20,000
Cash prizes	70,000
Miscellaneous	20,000
Total	300,000

Impact from the event

- Increase the creativity and innovativeness of female undergraduates in UCSC.
- Time limitations force the participants to come up with creative yet actionable solutions.
- It helps the participants to build a bridge to the developer community.
- It assists the participants to understand their skills and capabilities and widen the perspective.
- Finding and solving problems in the real world through computing.
- The participants are introduced to available scholarships and internships programs.

Sponsorship



Title Sponsorship

LKR 150,000
(412 USD)

Platinum Sponsorship

LKR 125,000
(345 USD)

Gold Sponsorship

LKR 100,000
(275 USD)

Silver Sponsorship

LKR 75,000
(210 USD)

Other Monetary Partnership packages :

Elite Partnership

LKR 50,000 (140 USD)

Banner Partnership

LKR 25,000 (70 USD)

Deliverables for the Sponsors

Deliverable	Title	Platinum	Gold	Silver	Elite	Banner
Sponsorship Introductory post	✓	✓	✓	✓	✓	✓
Opportunity to display banners - Inside & Outside	2 & 5	2 & 4	2 & 3	2 & 2	1 & 1	1 & 0
A company representative has the opportunity to be there at the judge panel.	✓					
Opportunity to distribute marketing materials	✓	✓	✓			

	5 mins	4 mins	3 mins	2 mins	1 mins	30 sec
Opportunity to play a video advertisement at the event day.						
Display of the company logo in all the promotional materials.	✓	✓	✓	✓	✓	✓
Company logo displayed on the Delegates' T-Shirts.	✓	✓	✓			
Company logo displayed on the Organizing Committee Tags.	✓					
Opportunity to address the audience.	15 min					
Opportunity to display company logo on backdrop at the event premises.	✓	✓	✓	✓		
Logos displayed in the watermark on the photographs taken at the day.	✓	✓				
Opportunity to include the company logo in certificates.	✓					

* Note : Upfront payment is kindly required.

Other Partnerships

Apart from the main monetary partnerships, we have some other partnership packages as well.

Media Partners

- Publishing content about the event on their channels. Ex : Blog posts
- Sharing the event's marketing materials.
- Advertising space on television or local newspapers.

In-kind Partners

- Supporting the event by providing the company's products.

Food and Beverages Partners

- Providing discounts for food and beverages

Deliverables	Media	Inkind	Food
Sponsorship Introductory post	✓	✓	✓
Opportunity to display banners - Inside & Outside	2	2	2
Opportunity to distribute marketing materials	✓	✓	✓
Display of the company logo in all the promotional material	✓	✓	✓
Opportunity to display company logo on backdrop at the event premises.	✓	✓	✓
Opportunity to play a video advertisement (<=30 sec) at the event day.	✓	✓	✓

Few Past Events of IEEE WIE SB AG of UCSC

IEEE WIE Student Branch Affinity Group of UCSC has been working towards the betterment of female undergraduates of UCSC throughout the years. As proof, the following events were conducted by the IEEE WIE Student Branch Affinity Group of UCSC in the past couple of years.

1. Hackaholics

The Hackaholics series is a Girls' Only Hackathon organized by the IEEE WIE Student Branch Affinity Group of the University of Colombo School of Computing. This was open to all female undergraduates from universities across the country. The main purpose of the event is to create a better future for female undergraduates and to find solutions for the issues prevailing in today's society in Sri Lanka.

15 teams each with 3 members participated in this competition and winners were awarded cash prizes.

Hackaholics 1.0, 2.0 and 3.0 were held in the UCSC premises within consecutive years 2016, 2017 and 2019.

- Hackaholics 1.0



- Hackaholics 2.0

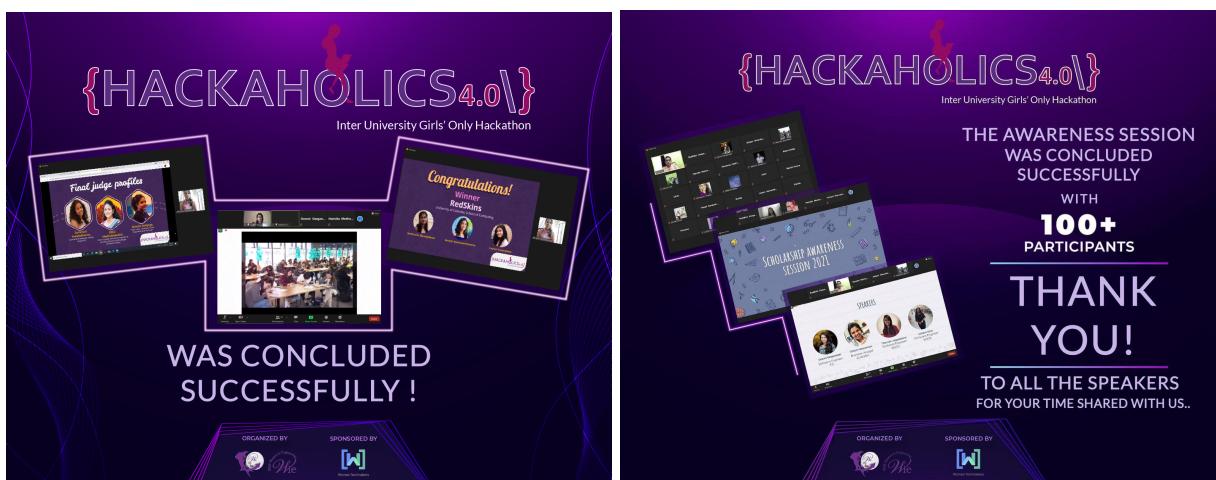


- Hackaholics 3.0



- Hackaholics 4.0

Hackaholics 4.0 was conducted virtually via the Zoom platform on the 02nd of May, 2021.



2. Aduino & Chatbot Session at Futuro 2018

IEEE WIE Student Branch Affinity Group of UCSC successfully conducted a session on "Arduino & Chat Bot" at Futuro 2018, the IT Day of St. Anthony's Girls College, Panadura on 1st of October 2018 with the participation of about 200 young school girls.

The session was aimed to uplift the awareness among the school community about top-notch technologies in IT with a hands-on demonstration of Arduino projects. The session concluded with a Q&A session and participants were able to win gifts.

3. Web Designing Bootcamp for School Girls

A collaborative project by the Women Techmakers Sri Lanka Chapter and IEEE Women In Engineering Sri Lanka Section was concluded successfully with the participation of 40 female school students and 15 female mentors.

The event took place on the 2nd and 3rd of December 2017 at UCSC premises as a two-day hands-on coding session starting from basics of web development to hosting a website.



4. Shape Your Career

Together with the IEEE Sri Lanka Section IEEE WIE Student Branch Affinity Group of UCSC hosted an interactive session for all females in technology on 15th of May 2017 at Sysco Labs. The keynote session was conducted by Dr Jeewika Ranaweera, Principal Hardware Engineer of Oracle, San Jose, USA.

5. GIT (General Information Technology) Seminars for A/L Students

The Annual Seminar for A/L GIT School Children was successfully held on 13th of September 2017 at St. Joseph's College, Maradana. The seminar was carried out in an interactive manner along with a discussion over pre prepared GIT model paper and answers.

6. Road to Success with WIE

An awareness session was conducted to raise awareness of the IEEE WIE International Leadership Summit (ILS) by the IEEE WIE Student Branch Affinity Group of the UCSC on the 31st of October, 2019.

The session was held at the W001 lecture room from 12.00 pm to 1.00 pm with a participation of nearly 50 internal undergraduates. The guest speaker for the event was WIE ILS Scholar Ms. Nuwini Dulanga, who is also a former secretary of the IEEE WIE Student Branch Affinity Group of the UCSC.



7. Creative Eye 2020

Creative Eye was a virtual UI/UX workshop organized by the IEEE WIE Student Branch Affinity Group of the University of Colombo School of Computing for female undergraduates in Sri Lanka. The main purpose of the session was to improve their designing skills based on UI/UX. The workshop was conducted by experienced professionals in the industry and the focus was on designing using Adobe XD.

The workshop was successfully concluded on the 25th of July, 2020



8. WebHex

WebHex was the webinar series organized by the IEEE WIE Student Branch Affinity Group of UCSC. This webinar series was aimed to improve the knowledge in web development of undergraduates in Sri Lanka. Three consecutive sessions were conducted weekly via the Zoom platform, starting from the 8th of August 2021. These workshops were conducted by industrial experts in the web development domain.



9. Codescape

Codescape was organized by the IEEE WIE Student Branch Affinity Group of UCSC for the very first time in UCSC history. It was an experience that differed significantly from the traditional system. We provided technology enthusiasts a free space to do what they enjoy and most suited for: as the event incorporated programming, design, content creation, and entertainment.

Codescape was held in multiple phases starting from the 3rd of May, 2022. Cash prizes and certificates were awarded to the winners of the contest. Undergraduates from all around the country were eligible to participate in Codescape to achieve their personal goals, enhance their soft and hard skills, and most importantly have fun.



10. WiCSaT 2022

WiCSaT 2022 was organized by the IEEE WIE student branch affinity group of UCSC. There were interactive activities and informative sessions by industrial experts who are in the tech fields to encourage women's engagement. The year 2022 marks the 25th anniversary of IEEE Women in Engineering and this was planned as a day of celebrations and key moments to reflect on the great progress and achievements made by great women in STEM.

WiCSaT 2022 was held on the 20th of August, 2022 at the S104 lecture room from 9.00 am to 3 pm.



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