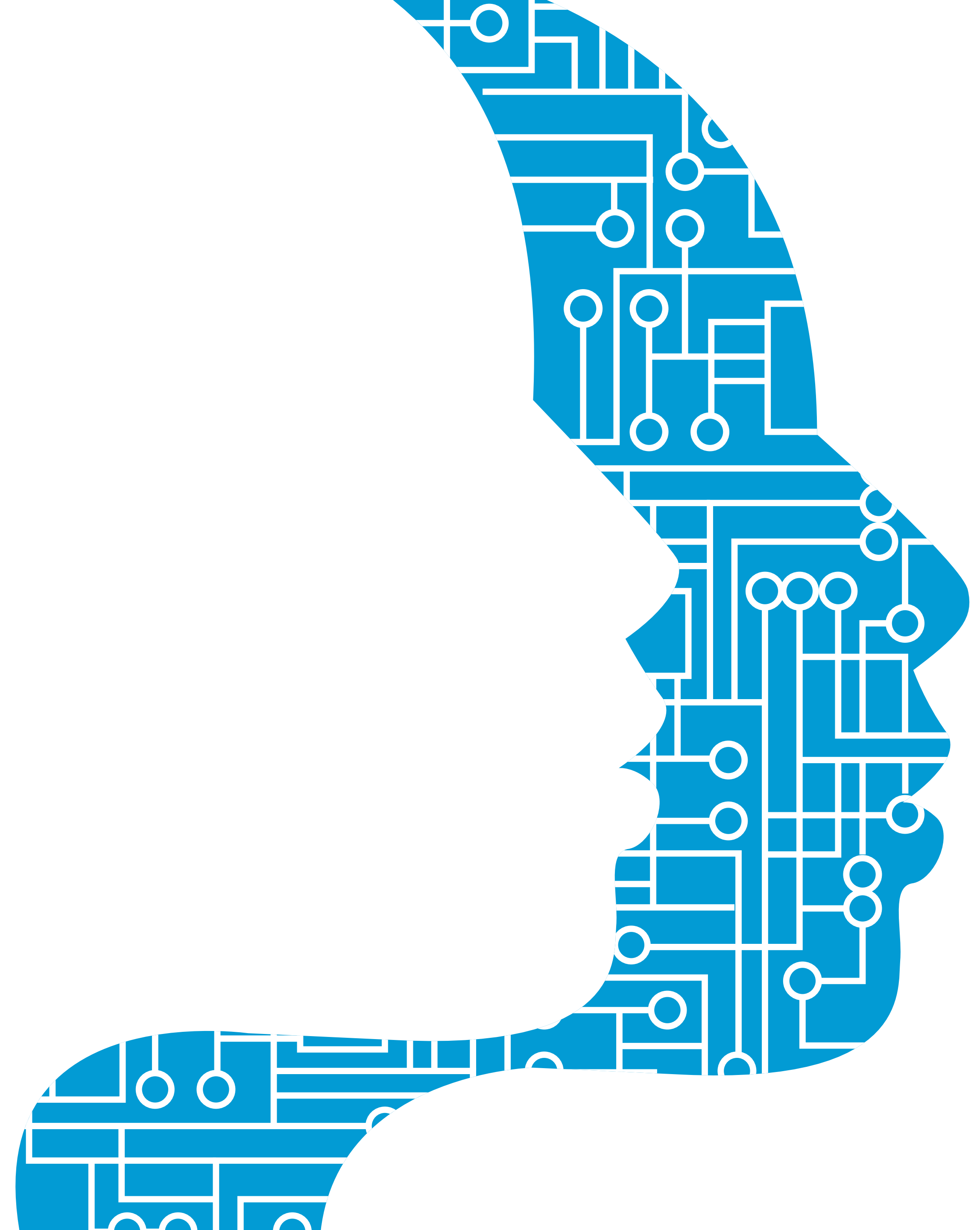


Girls in ICT

10TH ANNIVERSARY

TOOLKIT

Organizing a Girls in ICT event





On Girls in ICT Day 2021, we encourage you to focus your activities around social media outreach and virtual events, rather than live gatherings. This is a unique opportunity to demonstrate the power of technology.

Share your virtual celebrations, photos, testimonials and discussions through digital platforms such as TikTok, Zoom, Skype, Jabber, Facebook, Twitter, Instagram, Facetime, Snapchat and many more.

To spark the interest of girls to join your virtual celebration try to be specific, creative, and innovative. It is also important to allow your audience to understand the objective of your activity and the expected outcomes.

The following are suggestions to help you kickstart the organization of your Girls in ICT Day virtual celebration. We encourage you to continue your contribution to this global effort by organizing an inspiring event to celebrate the Day on 22 April 2021 and beyond.

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Online training on Coding

What

It is essential that girls are introduced to coding and programming in today's digital world. Coding can be a creative tool to have fun while learning new things and exploring new ideas. It can provide skills and abilities like problem-solving, logic, imagination, communication skills, collaboration, brainstorming, multitasking and design skills.

How

There are several companies and organizations that offer coding trainings online, and some of these are free of charge. An example of coding trainings that can be found online are: Code.org, Codecademy, Khan Academy, Mozilla Webmaker, edX and Made with Code.

A success story

In Liberia, the Ministry of Gender and Development in collaboration with the United Nations Mission in Liberia and iLab Liberia organized a training for girls on programming with Python, developing mobile apps, and more. We invite you to be inspired by this on-site event and use your creativity to transform it into a valuable virtual activity. More information on this event can be found [here](#).



Web-based Robotics Trainings

What

You can provide girls with a fantastic opportunity to experience “building the future” by organizing an online workshop on robotics. With this activity, they could learn to write and run simple robotics programming to carry out simple tasks such as movement, LED display and many more..

How

You can find out more about robotics online courses on Coursera for Top-Notch Robotics Programs Online, Udemy for Niche Robotics Courses, FutureLearn, MIT OpenCourseWare (OCW) and more.

A success story

In Malta, the Malta Information Technology Agency organized an event where girls had the opportunity to learn basic robotics programming using LEGO Mindstorm NXT. We invite you to be inspired by this on-site event and use your creativity to transform it into a valuable virtual activity. More information on this event can be found [here](#).



Virtual Hackathon

What

Hackathons are competitions where several teams are competing to create the most innovative ideas and concepts for prototypes that innovate on a theme or improve upon an existing project. In an online hackathon all participants are remotely connected. A virtual hackathon thus gives everyone the opportunity to participate (irrespective of their location), showcase their skills, and have fun while being innovative and creative.

How

With the help of developers, you could create your own online platform to build your hackathon for the GICT Day celebration, or you could use existing platforms like the ones offered by companies such as Agorize and HackerEarth. You can take inspiration from what other organizations such as HackBrightAcademy and Hack like a girl have created for virtual hackathons.

A success story

A Girls in ICT Caribbean Hackathon took place in Jamaica, Barbados, Trinidad, St. Vincent, Guyana and Tobago. The organizers provided empowering hands-on experience for the girls in the use of technology to build innovative products. We invite you to be inspired by this on-site event and use your creativity to transform it into a valuable virtual activity. More details about the event can be found [here](#).



Mobile Application Building

What

Learning to build mobile applications is an empowering way for young people to move from technology consumption to technology creation. Learning these skills can offer girls the opportunity to create exciting solutions to achieve social impact for their communities while using technology

How

With the help of developers, you could create your own online platform to build your hackathon for the GICT Day celebration, or you could use existing platforms like the ones offered by companies such as Agorize and HackerEarth. You can take inspiration from what other organizations such as HackBrightAcademy and Hack like a girl have created for virtual hackathons.

A success story

The United Arab Emirates Higher Colleges of Technology hosted a series of events aimed at enabling and encouraging its female students to experience technology in a highly interactive, fun and experiential manner. Among a wide range of activities, students had the opportunity to acquire skills to build mobile applications and later showcase them. Innovate and transform this idea into a successful virtual GICT Day celebration! More details about the event can be found [here](#).



STEAM Learning

What

Integrating various education subjects can be very enriching for learners. With this idea girls can be encouraged to use their interest in technology to express their creativity and artistic talent. The result is exciting and engaging STEAM (Science, Technology, Engineering, Art and Math) activities!

How

Activities such as a short-video creation and digital artworks can be supported through various online tools such as: GIMP, Inkscape, Scribus, Avidemux, Corel Draw, Glogster and more.

A success story

In Nigeria, the W.TEC Girls Technology Camp invited girls to a programme aimed at helping girls develop an early interest in computers and other information technology. Some activities included the creation of digital artwork using Corel Draw and the creation of short movies using Microsoft Movie Maker. This idea could be revamped into a virtual event with the use of educational tools such as Google Classroom or Seesaw. More details about the W.TEC event can be found [here](#).



Online Blogging Competition

What

Conduct an online blogging competition for girls! Blogging can be a good platform for girls to demonstrate and improve their knowledge and skills on technology topics while improving their talent in writing.

How

Blogging tools that you can use to organize an online blogging competition are WordPress, Tumblr and Blogger, among others.

A success story

G-Hackademy in collaboration with Equal Access Nepal and the Nepal Telecommunications Authority organized a Blogathon for girls where they learned how to write blogs and their main components and shared their ideas on the role of ICTs in empowering women. We invite you to be inspired by this on-site event and use your creativity to transform it into an exciting virtual activity. More details on this event can be found [here](#).

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Live Dialogues

What

A web dialogue represents a great way to engage with your audience on the topics discussed in your event's agenda without having to leave their homes. You can invite subject matter experts, role models and inspiring young girls to provide their perspective on the importance of fostering gender diversity in technical fields, the challenges faced, and the role that ICT professionals and organizations can play in overcoming some of these challenges.

How

To organize a web dialogue, you should choose the relevant topics of interest for your audience and the right platform. Depending on the size of your audience, screen-sharing functionality, slides-sharing functionality, costs and other, you can use platforms such as Zoom, Cisco Webex, Google Hangouts, Skype, Livestorm and other applications that can be found online. Participants can still have the option to get involved and ask questions and might even feel more confident to do so behind a screen. You can also widely promote your event and share information for interested audience on how join live and follow the discussions.

A success story

The ITU Area Office for CIS organized a Regional Videoconference Seminar on the occasion of the International Girls in ICT Day in 2019. The webinar was a success with an attendance of 60 on-site participants and 50 remote participants, from several countries across the region. For more details about the webinar click [here](#). We invite you to innovate and make your event virtual!



E-mentoring

What

Mentorship programmes with female role models is an effective way to inspire girls to pursue careers in ICT.

How

Organizing e-mentoring sessions provides a unique opportunity for girls to meet online successful women in tech who can provide advice to the girls, encourage them to build their confidence and knowledge and inspire them to identify and embrace their aspirations for careers that incorporate their personal interest and skills in ICTs.

A success story

The Youth Can Do IT (YCDI) Women in IT in Jamaica launched mentoring programme that aimed to expose girls and young to the versatile and growing industry in ICTs and to give them the skills they need to upgrade so they can be encouraged to take more active approach to get their goals and dreams. Through this program, mentees are provided the access to meet their mentors for the first time and supported by a networking community. More details on the event can be found [here](#).

Technology for Good online innovation challenges

What

It is no secret that technology brings together possibilities to design new ways to achieve social impact. Engaging girls in this type of activity will spark their creativity, provide team-working and hands-on experience, allow them to make friends and network, and be a part of a community that is supportive and provides the female point of view to the challenges and solutions for their community's problems.

How

Launch challenges for different categories related to the SDGs and invite girls to design technological solutions to these challenges. To make this more interesting and collaborative, challenges can be tackled in teams and team members can be in different areas/regions of a country. Take inspiration from online platforms such as Innocentive and Agorize.

A success story

In Bosnia and Herzegovina, the Gender Center - Center for Equity and Equality of the Government of the Republika Srpska celebrated Girls in ICT Day with LANACO and Innovation Center Banja Luka (ICBL). This event aimed to solve girls' problems in their local communities by the use of technologies. The organizers used the conceptual designs to be a platform for the development of software products. Some programs that are organized in the events including time coding, virtual reality, e-gaming and the conference to celebrate Girls in ICT Day. More details on the event can be found [here](#).



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- We encourage you to continue your contribution to this global effort by organizing an inspiring event to celebrate the International Girls in ICT Day. Remember, your efforts will contribute to bridging the gender divide in the ICT sector and achieving women empowerment globally while accelerating progress towards the Sustainable Development Goals.
- Maximize the use of technology to increase the outreach of your event, give girls and young women their own voice and connect girls across your country and beyond!
Visit www.itu.int/girlsinICT to get more updates on Girls in ICT Day 2021 global events.
- It is important to note, however, that while technology and specifically the Internet can provide many benefits and endless supply of knowledge and information, it may pose many risks and harm, especially where children are concerned. In order to safeguard the interactions of the girls participating in your events, we invite you to consult the [Guidelines for Child Online Protection \(COP\)](#), prepared by ITU and COP partners for a safer and more secure cyber world.
- Don't forget to share your activities using the [#GirlsinICT](#) hashtag, engage with us on [Facebook](#), and submit your event to the [Girls in ICT Day Events Map](#) on the Portal, we will continue to map your virtual celebrations!

