



United Nations
Educational, Scientific and
Cultural Organization

منظمة الأمم المتحدة
للتربية والعلم والثقافة



Regional Centre
for Information and Communication
Technology

المركز الإقليمي
لتكنولوجيا المعلومات والاتصال



Kingdom of
Bahrain

مملكة
البحرين



RCICT Online Training Programs Guide 2020/2021

About Us

Our Vision

Pioneering innovation & scientific research and enhancing cooperation in capacity building, as well as setting standards in the information & technology field regionally.

Our Mission

Promote applied research, education and training in the field of information and communication technology, while aiming to contribute in building a solid base of knowledge to meet the technical challenges facing Bahrain and the rest of the Arab countries at present and in the future.

Our training programs aim to

Promoting creativity, innovation and hands-on experience in information and communication technology in order to build capacities and professional skills as well as encouraging the production & publication of Arabic digital content thus achieving the fourth goal of sustainable development goals.

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Preparing online training materials

Overall Goal of the Program

Enabling those involved in preparing training programs to produce training content that can be presented and applied online according to systematic practical principles and standards

By the end of the training program, the trainee is expected to be able to:

- Learn about online training.
- Compare training in general, remote training, as well as the technical training fields.
- Identify the training design system.
- Explain the importance of the training design system.
- Distinguish the characteristics of the training design system.
- Multiple standards of a good training design system.
- Describe the stages of the training design (ADDIE).
- Produce training content by following the steps of the ADDIE system.
- Prepare a guide for a remote training program.

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- All those interested within or outside the Ministry of Education

Trainer Name

- Dr. May Ahmed Shamandy Yaseen

Requirements for passing the program

- Attendance rate 80%.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / C 4/4.5
- Goal  Target: B.5

Infographic; Concept & Design Basics

Overall goal of the program

Introduce participants to the concept of infographics, its forms and components.

By the end of the training program, the trainee is expected to be able to:

- Familiarize with the concept of infographics, its forms and components.
- Determine the characteristics of infographics and the effectiveness of their use.
- Employ certain standards for the production and design of the infographic using specific tools.

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- Teachers / Senior Teachers / Specialists/All those interested within or outside the Ministry of Education

Trainer Name

- Estiqlal Al Sayed Saeed Ali

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.7
- Goal  Target: 5.5
- Goal  Target: 8.2

Sustainable Development Goals 2030

Overall goal of the program

Inculcating and entrenching the values and goals of Sustainable Development 2030 (SDGs 2030) and translating them into positive behaviors.

By the end of the training program, the trainee is expected to be able to:

- Learn about the Sustainable Development Goals 2030.
- Identify the fourth SDG goal, "Quality Education".
- Spreading the culture of the SDGs 2030 in society.
- Developing a project proposal that contributes to achieving the SDGs 2030, with a focus on the fourth SDG goal of education by employing modern technology.

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- Teachers / Senior Teachers / Specialists / Senior Specialists / Assistant Managers/ School Principals / Directors/All those interested within or outside the Ministry of Education

Trainer Name

- Aesha khalid AlQattan/ Raja Abdulla AlKoheji

Requirements for passing the program

- Attendance
- Submitting activities and assignment.
- Submitting the final project

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.7

Implementing Hologram Technology in Education

Overall goal of the program

Developing Teachers' skills in producing & employing hologram technology in education.

By the end of the training program, the trainee is expected to be able to:

- Define the concept of hologram technology.
- Give an overview the hologram's history.
- Explain the application of hologram technology in education.
- Discuss the educational benefits of hologram technology.
- Provide hands on experience with Hologram technology.

Number of accredited hours for the training program

- 5 Accredited Hours

Target Group

- Teachers / Senior Teachers / Specialists / Senior Specialists

Trainer Name

- Suha Mohammed Ebrahim AlKowari

Requirements for passing the program

- Attendance
- Submitting activities and assignment.
- Submitting the final project

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / C 4
- Goal  Target: B.5

Applications in Technology for Educational Support Professions

Overall goal of the program

Introducing various touch screen devices, their types and importance, as well as employing a range of their applications in work and life.

By the end of the training program, the trainee is expected to be able to:

- Differentiate between the pros and cons of using touch screen devices in the educational process.
- Determine the reasons for using touch screen devices in the educational process.
- Use and employ practical applications for touch screen devices and STEAM applications.

Number of accredited hours for the training program

- 10 Accredited Hours

Target Group

- Educational support positions

Trainer Name

- Hanan Mahmoud Sharaf

Requirements for passing the program

- Submitting activities and assignments.
- Passing quizzes
- Submitting the final project with a passing grade of 70%.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.7
- Goal  Target: 8.2 / 8.3

Cloud Computing Applications

Overall goal of the program

This program aims to establish the concepts of cloud computing applications and introduce participants to the applications and methods used in employing this technology in various fixed and portable computer environments.

By the end of the training program, the trainee is expected to be able to:

- Familiarize the trainees with the concept and characteristics of cloud computing.
- Identify the types of cloud computing services and models.
- Learn about the most popular cloud service providers.
- Learn about the advantages and opportunities of effective cloud computing.
- Highlight the benefits of using cloud computing in education and e-learning.
- Employing applications with cloud computing in education.

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- Teachers / Senior Teachers / All those interested within or outside the Ministry of Education

Trainer Name

- Amina Abdulmohsin AlQarainis

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.7
- Goal  Target: 5.1
- Goal  Target: 8.2/ 8.3
- Goal  Target: 12.8
- Goal  Target: 17.6/17.8

Designing and Publishing E-Book

Overall goal of the program

Enhancing the cognitive skills and practical applications of trainees required to develop and publish an electronic book.

By the end of the training program, the trainee is expected to be able to:

- Create an E-Book
- Use the basic tools of the program (Kotbi)
- Publish and sharing an E-Book

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- All those interested within or outside the Ministry of Education

Trainer Name

- Hanan Mahmoud Sharaf

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project with passing grade of 70%.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.3/4.7
- Goal  Target: 5.1
- Goal  Target: 8.2
- Goal  Target: 9.5

Overall goal of the program

Developing the skills and knowledge competencies of Ministry of Education employees in the Microsoft Power BI training program according to specific standards.

By the end of the training program, the trainee is expected to be able to:

- Familiarize the trainees with the basic components of Microsoft Power BI.
- Learn about the main components of Microsoft Power BI and the difference between them.
- Connect to data sources, to form data models and build reports using Microsoft Excel.
- Learn to utilize the Dashboard to include visualizations and graphs that show the required statistics that have been linked via an excel file.
- Use Power BI Desktop to share and publish reports online.

Number of accredited hours for the training program

- 10 Accredited Hours

Target Group

- All those interested within or outside the Ministry of Education

Trainer Name

- Hiba Abdulfattah AlJabr

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / C 4/4.7

Standards Guide for Producing Digital Educational Content

Overall goal of the program

Developing the skills and knowledge competencies of Ministry of Education employees in the Microsoft Power BI training program according to specific standards.

By the end of the training program, the trainee is expected to be able to:

- Familiarizing trainees with the concept of standards.
- Familiarizing trainee with the characteristics of the standards.
- Differentiating between field, criteria and normative indicators.
- Identifying the indicators of the educational field.
- Identifying the technical field indicators.
- Identifying the indicators of managing digital educational content.
- Familiarizing with the terms used in the Standards guide for Digital Educational Content Production.
- The trainee will be able to use the standards guide for digital educational content production.
- Evaluate digital educational content.
- The trainee will be able to design digital educational content based on standards guide for digital educational content production.

Number of accredited hours for the training program

- 10 Accredited Hours

Target Group

- Teachers/Technology education specialist.

Trainer Name

- Maryam Ali Abdulla

Requirements for passing the program

- Attendance rate 100%.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / C 4

Writing interactive materials and managing education - Online

Overall goal of the program

Developing teachers' skills in writing interactive materials and managing distance education.

By the end of the training program, the trainee is expected to be able to:

- Writing content according to the principles followed in writing interactive materials.
- Writing activities according to the principles followed in writing interactive materials.
- Writing feedback according to the principles followed in writing interactive materials.
- Managing the distance education process according to the established principles.

Number of accredited hours for the training program

- 10 Accredited Hours

Target Group

- Teachers / Senior Teachers / Specialists / Senior Specialists / Assistant Managers/ School Principals / Directors

Trainer Name

- Suha Mohammed Ebrahim AlKowari

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / C 4

Digital Learning Objects Concept, Design, and Production

Overall goal of the program:

Introducing the concept of digital learning objects as a form of digital educational content, and models for its design and production.

By the end of the training program, the trainee is expected to be able to:

- Familiarity with the concept of digital learning objects, their characteristics and advantages of using them.
- Apply digital learning objects design models and employ them in the educational process.
- Apply digital learning object design standards across an integrated project.

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- Teachers

Trainer Name

- Estiqlal Al Sayed Saeed Ali

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.7

Open Educational Resources and Creative Common Licenses (online)

Overall Goal of the program

Introducing open educational resources and creative commons licenses

By the end of the training program, the trainee is expected to be able to

- **Defining open educational resources.**
- **Determine the types of open educational resources.**
- **Determine the importance of open educational resources.**
- **Introduce open educational resources principles.**
- **Identify the elements of quality in open educational resources.**
- **Learn how to use open educational resources.**
- **Search for open educational resources.**
- **Learn about Creative Commons and its licenses.**
- **Introduce the six basic Creative Commons licenses.**
- **Learn how to protect copyrights over the internet.**
- **Search for licensed work.**

Number of accredited hours for the training program

- 5 hours

Target Group

- **Teacher / Senior Teacher / Assistant Director / School Director / Specialist / Senior Specialist / Head**

Trainer Name

- **Suha Mohammed Al-Kowari**

Requirements for passing the program

- **Submitting activities and assignments .**
- **Pass self-assessment test By 70%.**

This program is aligned with the Sustainable Development Goals 2030

- **Goal**  **4.4/4.c/4.5**
- **Goal**  **b.5**

Basic concepts in Intellectual Fortification Skills (Online)

Overall Goal of the program

Providing the trainees with the knowledge and skills related to the concept of moderation, types of electronic terrorism, and the role of teachers in promoting moderation and avoiding deviant thought and electronic terrorism among students

By the end of the training program, the trainee is expected to be able to:

- The concept of moderation and its place in Muslim behavior.
- The pillars of moderation and the importance of adopting the moderate approach.
- The concept, causes and manifestations of intellectual deviation.
- Types of intellectual deviation, and the most prominent effects and risks.
- The concept and types of electronic terrorism.
- The stages and manifestations of catching and attracting young people via the Internet.
- The characteristics of extremist intellectual sites and the reasons for the youth's attraction to deviant thought on the Internet.
- Ways to confront intellectual deviation.
- The role of the teacher and the school in promoting moderation and avoiding deviant thought and electronic terrorism among students.

Number of accredited hours for the training program

- 5 hours

Target Group

- Teacher / Senior Teacher / Assistant Principal / School Principal / Specialist / Senior Specialist / Head

Trainer Name

- Fatima Mahdi Hussain

Requirements for passing the program

- Completing a number of training activities during the training program

This program is aligned with the Sustainable Development Goals 2030

- Goal  4.7

Network Fundamentals

Overall goal of the program:

Introducing the types of networks and understanding the mechanism of their work between devices (the content of the training program will be presented in English).

By the end of the training program, the trainee is expected to be able to:

- Create a Virtual Local Network.
- Use of different classes of IP address.
- Conduct a network connectivity test.

Number of accredited hours for the training program

- 15 Accredited Hours

Target Group

- Computer teachers / Technology in Education Specialists in schools
- All interested from inside and outside the Ministry of Education

Trainer Name

- Saad Khalid Al Zubari

Requirements for passing the program

- Submitting activities and assignments.
- Submitting the final project.

This program is aligned with the Sustainable Development Goals 2030

- Goal  Target: 4.4 / 4.7

- Goal  Target: 9,5

For sustainable learning - **First: Educational Establishment**

Includes a number of sub-training programs as follows

Sub-training programs	Number of accredited hours	Sub-training programs	Number of accredited hours
1. Classroom Management Fundamentals Program	6	2. Planning for effective learning objectives Program	3
3. Initiation and conclusion of the educational position program	2	4. The skill of formulating questions in order to learn program	2
5. Multiple styles and intelligences in the classroom	3	6. Differentiated Education Frameworks Program	5
7. Principles of Assessment for Learning program	5	8. Planning to achieve better outputs program	6

Overall Goal of the program

Providing the trainees with the basic knowledge and skills in classroom management and the standards of conducting an effective lesson.

By the end of the training program, the trainee is expected to be able to:

- Clarify the components of classroom management.
- Deduce the characteristics of the introductory activities and the conclusion of the lesson and the characteristics of each, with a discussion of practical examples.
- Explain the types of learning objectives and how to formulate them correctly with illustrative examples.
- Distinguish the types of class questions and methods of receiving students' answers for the sake of learning.
- Explain the components of differentiated education, some strategies, and procedures for their application with practical examples.
- Distinguish types of assessment and components of evaluation for learning.
- Explain how lessons are planned for better outcomes.

Target Group

- New teachers / new specialists.

Trainer Name

- Fatima Mahdi Hussain

Requirements for passing the program

- Attendance according to the number of hours specified for each training program.
- Implementation of training activities according to the subject of specialization.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Target: 4,7

For sustainable learning - **Second: Educational Construction**

Includes a number of sub-training programs as follows

Sub-training programs	Number of accredited hours	Sub-training programs	Number of accredited hours
1. Positive Classroom Management program	6	2. Program of educational competencies and procedural objectives of education.	6
3. Classroom and student questions for learning program	5	4- The differentiation recruitment program to support learners.	15
5- A program for effective start-up activities.	2	6. Effective conclusion of the lesson program.	3
7. A program for effective evaluation.	15	8. Program for developing higher-order thinking skills for learners.	20

Overall Goal of the program

Providing trainees with the knowledge and skills necessary to achieve effective lesson standards more successfully in educational situations, while considering the integration of ISTE standards.

By the end of the training program, the trainee is expected to be able to:

- Clarify methods and procedures for managing students' behavior effectively, managing time productively, and raising students' motivation towards learning.
- ISTE Standards Statement that relates to Effective Lesson Standards.
- Distinguish types of educational competencies, success criteria and performance indicators.
- Explain ways to motivate students to ask questions in order to learn.
- Applying differentiated education strategies and measures to integrate them with technology in education.
- Statement of Assessment for Learning and Assessment as Learning.
- Statement of strategies for developing students' higher thinking skills.

Target Group

- Experienced teachers, head teachers / experienced specialists, senior specialists / group heads and section heads.

Trainer Name

- Fatima Mahdi Hussain

Requirements for passing the program

- Attendance according to the number of hours specified for each training program.
- Implementation of training activities.
- Applying the acquired skills in a mini-educational situation and in the presence of trainees, represented in the Employment Differentiation Program to support learners and for effective evaluation and development of higher-order thinking skills for learners.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Target: 4,7

For sustainable learning - **Third: Educational Leadership**

Includes a number of sub-training programs as follows

Number of accredited hours	Sub-training programs
6	1. A general framework program for classroom management, educational competencies and learning objectives.
5	2. Founding effective introductory activities and employing differentiation to support learners.
5	3. The basic concepts program for classroom questions and students' questions for effective learning, evaluation and conclusion of the lesson.
6	4. Basics of developing higher-order thinking skills program for learners.

Overall Goal of the program

Introduce learners to effective lesson standards that are successful in educational situations and how to properly integrate them with ISTE standards by teachers.

By the end of the training program, the trainee is expected to be able to:

- Clarify the general framework for positive classroom management, educational competencies, and the basis for students' questions for learning.
- Demonstrate how to use differentiation to support learners and assessment effectively and to integrate them effectively with technology.
- Explain the basics of developing higher-order thinking skills for learners.
- The ISTE Standards Statement and how they relate to the Effective Lesson Standards.

Target Group

- School leaders (principals and assistant directors).

Trainer Name

- Fatima Mahdi Hussain

Requirements for passing the program

- Attendance according to the number of hours specified for each training program.
- Implementation of training activities according to the subject of specialization.

This program is aligned with the Sustainable Development Goals 2030

- Goal:  Target: 4,7

Microsoft Certified Educator(MCE)

The overall goal of the program:

- Facilitate student collaboration.
- Facilitate skilled communication.
- Facilitate the construction of knowledge.
- Facilitate self-regulation.
- Facilitate real world problem solving and innovation.
- Facilitate students' use of information and communication tools (ICT).
- Utilizing information and communication technology to become an effective teacher.

Number of accredited hours for the training program

- 20 Accredited Hours

Target Group

- All employees of the Ministry of Education

Requirements for passing the program

- Training online through the Microsoft Academy website.
- Passing 8 online courses and the final exam.

This program is aligned with the Sustainable Development Goals 2030

- Goal: 
- Goal: 
- Goal:  Target: 8.2
- Goal:  Target: 7.1

Science, Technology, Engineering, and Math (STEM) lessons with Microsoft (STEM)

The overall goal of the program:

- Learn the basics needed to integrate computational thinking, basic computer science, some physical computing, Minecraft, and more in the classroom.
- Learn key concepts for the complete My Minecraft journey, encourage competitive thinking by creating classroom challenges and the fundamentals of programming and computer science using both LEGO Education and Make Code
- Learn an advanced set of skills and knowledge about how technology is used in the classroom to support STEM learning goals along with Minecraft and digital storytelling.

Number of accredited hours for the training program

- 20 Accredited Hours

Target Group

- All employees of the Ministry of Education

Requirements for passing the program

- Online training through the Microsoft Academy website.
- Passing 3 levels of the program.

This program is aligned with the Sustainable Development Goals 2030

- Goal : 
- Goal: 
- Goal :  Target: 8.2
- Goal :  Target: 7.1

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
1	Preparing Online Training Materials	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p>	<p>4.4- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.c- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p> <p>4.5- By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.</p> <p>5.b- Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women.</p>
2	Infographic: concept & design basics	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p>	<p>4.4- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>5.5 - Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision making in political, economic and public life.</p> <p>8.2- Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.</p>

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
3	Sustainable Development Goals 2030	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	<p>4-. 4By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p>
4	Implementing Hologram Technology in education	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p>	<p>4-. 4By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.c- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p> <p>5.b- Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women.</p>
5	Applications in technology for educational support professions	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p>	<p>4.4-By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>8.2 - Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.</p> <p>8.3 - Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.</p>

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
6	Cloud Computing Applications	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>12. Ensure sustainable consumption and production patterns</p> <p>17. Strengthen the means of implementation and revitalize the global partnership for sustainable development</p>	<p>4.4-By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>5.1- End all forms of discrimination against all women and girls everywhere.</p> <p>8.2- Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.</p> <p>8.3- Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services.</p> <p>12.8-By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature.</p> <p>17.6-Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism.</p> <p>17.8- Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology.</p>

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
7	Designing and Publishing E-book	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p>	<p>4.4-By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>5.1- End all forms of discrimination against all women and girls everywhere.</p> <p>8.2- Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.</p> <p>9.5- Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.</p>
8	Interactive data visualization and analytics by using Microsoft Power BI	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p>	<p>4.4- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>4.c- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p>

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
9	Standards for producing digital educational content	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.4- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.
10	Writing interactive materials and managing online learning	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.4- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.C- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.
11	Digital Learning Objects Concept, Design, and Production	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.4-By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship. 4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
12	Open Educational Resources and Creative Commons Licenses (online)	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girl</p>	<p>4.4- By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4,C- By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing States.</p> <p>4,5- By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations.</p> <p>5.b- Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women.</p>
13	Basic concepts in Intellectual Fortification Skills (Online)	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.</p>	<p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development</p>

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
14	Network Fundamentals	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p>	<p>4.4-By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.</p> <p>4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.</p> <p>9.5- Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.</p>
15	For sustainable learning - First: Educational Establishment	4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	4.7- By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and nonviolence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.
16	For sustainable learning - Second: Educational Construction		
17	For sustainable learning - Third: Educational Leadership		

Alignment of RCICT training programs with the Sustainable Development Goals 2030

Number	Training Program title	SDG Goals	SDG Targets
18	<u>Microsoft Certified Educator (MCE)</u>	<p>4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>5. Achieve gender equality and empower all women and girls</p>	<p>7.1- By 2030, ensure universal access to affordable, reliable and modern energy services.</p>
19	<u>Science, Technology, Engineering, and Math (STEM) lessons with Microsoft (STEM)</u>	<p>7. Ensure access to affordable, reliable, sustainable and modern energy for all</p> <p>8. Promote sustained inclusive and sustainable economic growth, full and productive employment and decent work for all</p>	<p>8.2- Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors.</p>

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