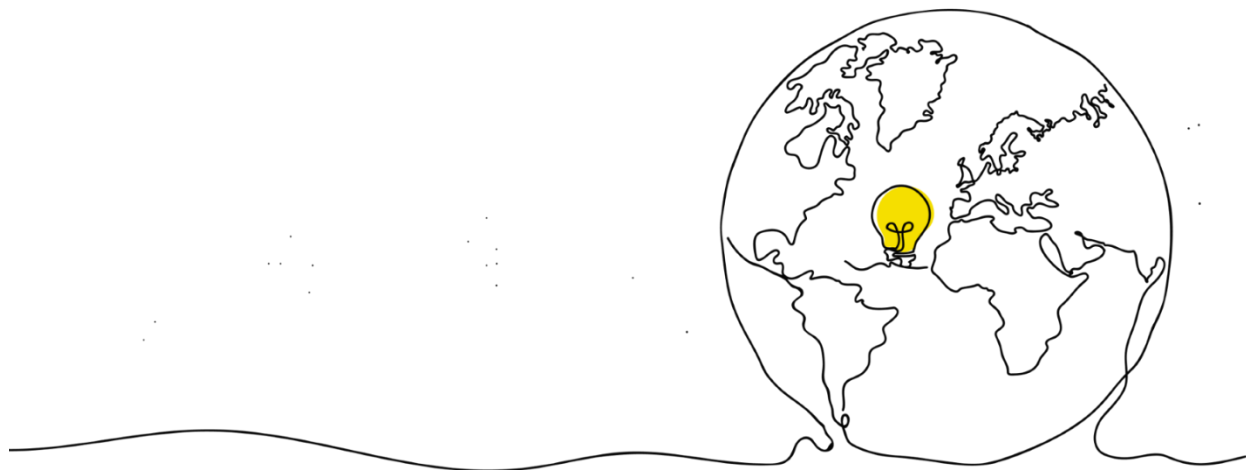




USER GUIDE

for ICTforAg Learning Network

Explore, engage, collaborate, and join us in shaping the future of digital agri-food systems!



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Welcome to the ICTforAg Learning Network!

This user guide aims to provide users with a comprehensive overview of the platform and how to navigate it effectively to make the most out of your experience.

Introduction to ICTforAg Learning Network

ICTforAg Learning Network is a dynamic platform designed to bring together individuals passionate about advancing the digital agri-food systems through collaboration and knowledge exchange. Whether you're an experienced professional, a budding enthusiast, or someone eager to contribute to the agricultural sector, ICTforAg Learning Network provides a platform for you to connect, learn, and grow.

At ICTforAg Learning Network you can choose to:

- Participate in collaborations
- Showcase your innovations
- Be a mentor
- Learn, create, and host courses through online mode and WhatsApp
- Harness our evidence-based AI search engine

Explore, engage, collaborate and join us in shaping the future of digital agri-food systems!

Get started – Registration on the ICTforAg Learning Network

To access the ICTforAg Learning Network, visit our website and create an account. Follow the steps given below:

1. Visit learningnetwork.ictforag.com
2. Click on the 'Sign in' button in the top right corner
3. Click on the 'Register here' link below the Login button
4. Fill in the necessary details such as first name, last name, email ID, password and captcha
5. Click on the 'Register' button

ICTforAg
LEARNING NETWORK

First Name*
John

Last Name*
Smith

Email ID*
Johnsmith@gmail.com
johnsmith@gmail.com is available!

Password*
SKM5NK

Confirm Password*
SKM5NK

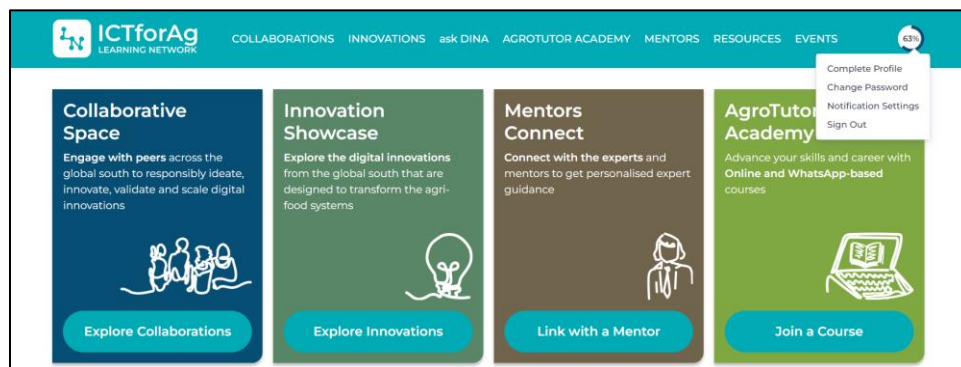
Register

For any questions or assistance, please feel free to contact our team directly at learningnetwork@ictforag.com

How to complete your profile on ICTforAg Learning Network?

To complete your profile on the ICTforAg Learning Network, follow the steps given below:

1. Sign into your account
2. Click on the profile symbol and select 'My profile'



3. Complete your profile by filling in basic information, organization information, and other information
4. Click on the 'Update' button

For any questions or assistance, please feel free to contact our team directly at learningnetwork@ictforag.com

What to do when you forget your password?

In case you forget your password, follow the steps given below to reset your password:

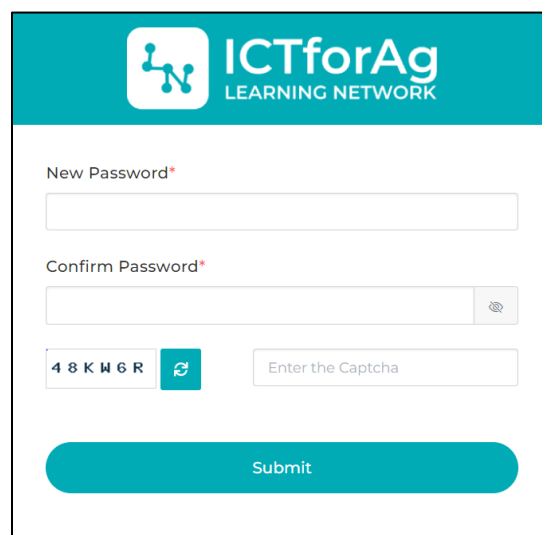
1. Visit learningnetwork.ictforag.com
2. Click on the 'Sign in' button on the top right corner
3. Click on the 'Forgot password' option
4. Enter your email ID and captcha and click on the 'Submit' button



The screenshot shows the password reset form on the ICTforAg Learning Network website. At the top, there is a teal header with the ICTforAg logo and the text "ICTforAg LEARNING NETWORK". Below the header, the form contains the following elements:

- A label "Email ID*" above a text input field.
- A captcha image showing the characters "Y 8 V W U E" and a refresh icon.
- A text input field labeled "Enter the Captcha".
- A large teal "Submit" button at the bottom.

5. Go to your email and check for an email from the ICTforAg learning Network
6. If you don't find an email from us, check in your spam or junk folder, and mark the message as 'Not spam'
7. Click on the 'Reset password' button
8. Enter a new password and captcha
9. Click on the 'Submit' button



The screenshot shows the password reset form on the ICTforAg Learning Network website. At the top, there is a teal header with the ICTforAg logo and the text "ICTforAg LEARNING NETWORK". Below the header, the form contains the following elements:

- A label "New Password*" above a text input field.
- A label "Confirm Password*" above a text input field with a visibility toggle icon.
- A captcha image showing the characters "4 8 K W 6 R" and a refresh icon.
- A text input field labeled "Enter the Captcha".
- A large teal "Submit" button at the bottom.

For any questions or assistance, please feel free to contact our team directly at learningnetwork@ictforag.com

Collaborative Space

The Virtual Collaborative Space facilitates engagement with peers across the global south to responsibly ideate, innovate, validate, and scale digital innovations. One can connect with like-minded individuals and contribute to the advancement of digital agri-food systems. This space serves as a global hub, connecting digital innovators, researchers, investors, policymakers, and other stakeholders. Its aim is to transform challenges into opportunities through collaborative initiatives. Collaborative space consists of conversational threads, posts, articles, polls, work plans, resource, data and events that encourage stakeholders to brainstorm, share ideas and opinions, and collaborate on projects; this space fosters awareness and understanding among diverse participants. The collaborative space isn't just about networking; it's about co-creating solutions that have a tangible impact on agri-food systems.

There are two kinds of collaborations in the Virtual Collaborative Space:

1. Public collaboration: This collaboration is accessible to all platform users; anybody can join the collaboration as a collaborator.
2. Private collaboration: This collaboration is accessible to the collaborators that the moderators invite or approve.

Through Collaborations, users can:



- Initiate and moderate discussions
- Post articles
- Share opinions by participating in the poll
- Outline a clear work plan
- Add resources
- Invite new collaborators to join the journey
- Schedule event for the collaboration
- Add data

Please note that the public collaboration will have an unlocked symbol with a button 'Join this collaboration'. Private collaboration will have a locked symbol with a button 'Request to join'.

How to join a public collaboration?

To join a collaboration, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Collaborations' button on the Collaborative Space tile
2. Find the collaboration that interests you
3. Click on the 'Join this collaboration' button


 **ICTforAg** 

Network of networks

The main goal of ICTforAg is to foster communities, stimulate meaningful conversations, insights, and collaborations, and increase the participation of collaborators from the developing world. Our aim is t ...**more**

#Resource Sharing #Knowledge Exchange
#Digital Innovation #Inclusion

10 Collaborators

 **Satish Nagaraji**
s.nagaraji@cgiar.org

[Join this collaboration](#)

How to join a private collaboration?

To join a private collaboration, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Collaborations' button on the Collaborative Space tile
2. Find the collaboration that interests you
3. Click on the 'Request to join' button

You'll be able to access the collaboration once the moderator accepts your request.

How to create a collaboration?

To create a collaboration, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Collaborations' button on the Collaborative Space tile
2. Click on the 'Create Collaboration' button in the top right corner

Virtual Collaborative Space

 > Virtual Collaborative Space [+ Create Collaboration](#)

Join hands with diverse stakeholders to tackle challenges and uncover opportunities in agri-food systems through collaborative initiatives



3. Fill in the necessary details such as name of the collaboration profile, tagline for collaboration, type of collaboration, incentives, etc.
4. Select the 'Submit' button

You will be able to view the collaboration in the Virtual Collaborative Space once it's reviewed and approved by the team.

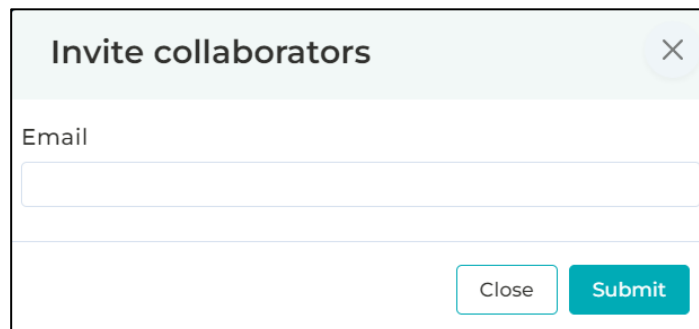
How to invite collaborators?

To invite collaborators, follow the steps given below:

1. Click on the collaboration that you are a part of
2. Click on the 'Invite Collaborators' button in the top right corner



3. Enter the email IDs of the people you want to invite as collaborators



4. Select the 'Submit' button

Please note that the following actions are available for moderators only.

How to assign a moderator?

To assign a moderator, follow the steps given below:

1. Click on the collaboration that you moderate
2. Click on the three dots beside 'Collaboration members'
3. Click on the 'Assign moderator' option
4. Select the members that you want to make moderators
5. Select the 'Update' button

Assign member as a moderator ✕

Select Member

Select moderator ▼


Update

How to remove a moderator?

To remove a moderator, follow the steps given below:

1. Click on the collaboration that you moderate
2. Find a list of moderators on the right
3. Click on the name of the moderator you want to remove
4. Click on the 'Remove as moderator' button

User information

 **Name:** John Smith
Designation: sds
Organisation: dsds
Current Base: Hyderabad, Telangana, India

Remove as moderator

How to remove collaborator?

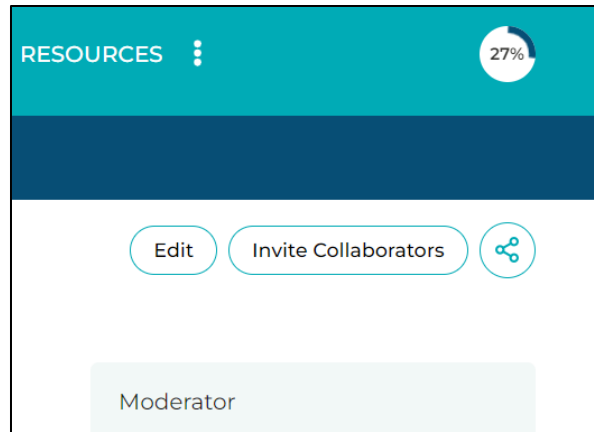
To remove a collaborator, follow the steps given below:

1. Click on the collaboration that you moderate
2. Find a list of collaborators on the right
3. Click on the name of the collaborators you want to remove
4. Click on the 'Remove member' button

How to edit collaboration?

To edit collaboration, follow the steps given below:

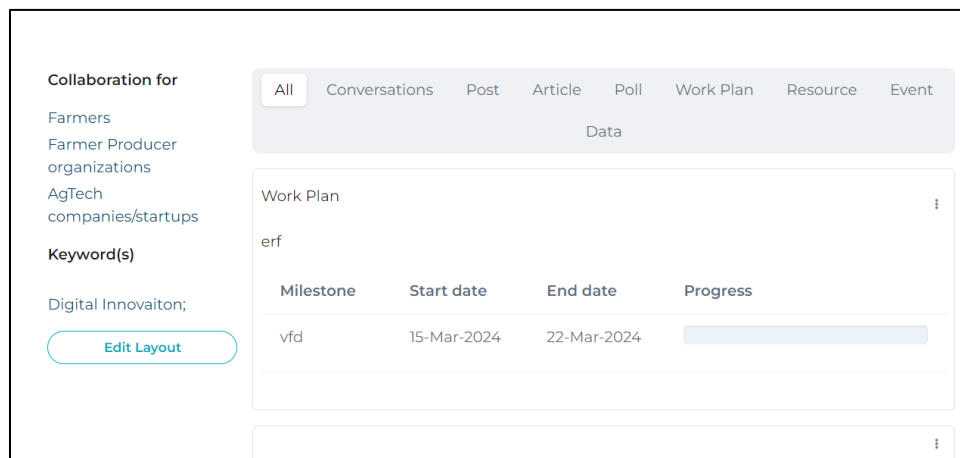
1. Click on the collaboration that you moderate
2. Click on the 'Edit' button in the top right corner
3. Edit details of the collaboration
4. Select the 'Update' button



How to edit the layout of the collaboration?

To edit layout of the collaboration, follow the steps given below:

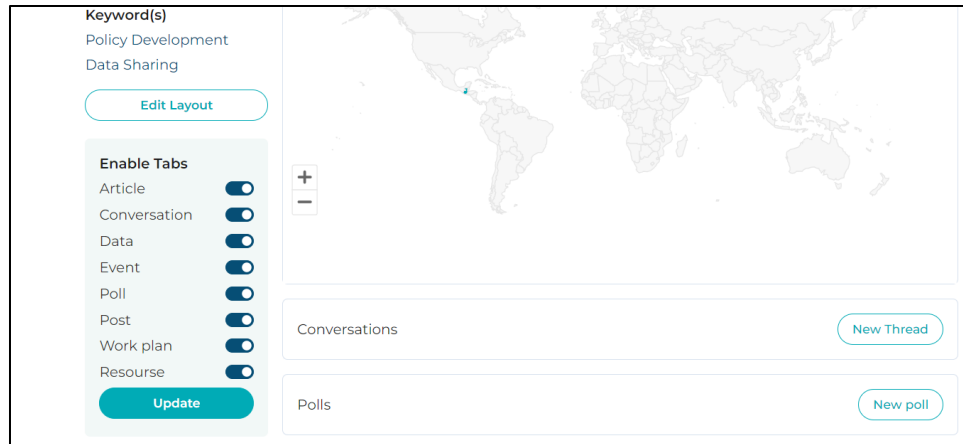
1. Click on the collaboration that you moderate
2. Scroll down and click on the 'Edit layout' button
3. Now you can change the sequence of your posts, article, polls, etc.
4. Click on the 'Save layout' button



How to enable/disable sections?

To enable/disable sections, follow the steps given below:

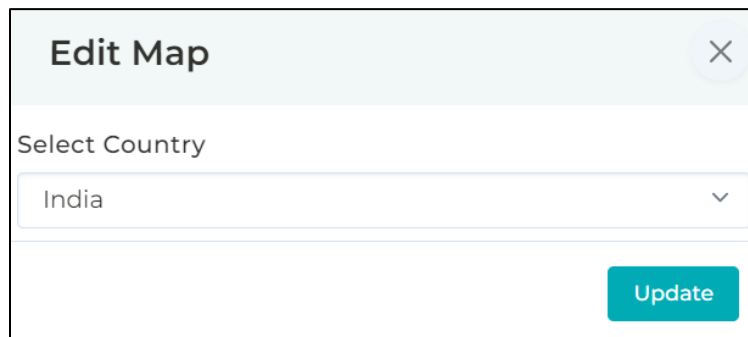
1. Click on the collaboration that you moderate
2. Find the 'Enable/disable sections' below the 'Edit layout' button
3. Switch on/off toggle of the sections that you want/don't want in your collaboration
4. Select the 'Update' button



How to edit the map?

To edit the map, follow the steps given below:

1. Click on the collaboration that you moderate
2. Scroll down to find the map
3. Click on the three dots and select the 'Edit' option
4. Select the countries that you want to highlight on the map
5. Select the 'Update' button



How to pin a poll?

To pin a poll, follow the steps given below:

1. Click on the collaboration that you moderate
2. Click on the 'Poll' option
3. Find the pin symbol at the right side of the poll question and click on it

How to add a work plan?

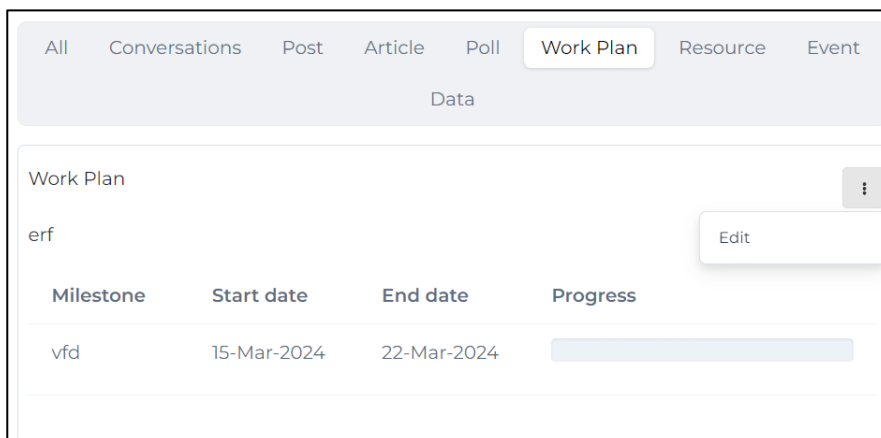
To add a work plan, follow the steps given below:

1. Click on the collaboration that you moderate
2. Click on the 'Work Plan' option
3. Click on the three dots and select the 'Add' option
4. Fill in the details such as title, milestones, and end goal
5. Select the 'Submit' button

How to edit the work plan?

To edit your work plan, follow the steps given below:

1. Click on the collaboration that you moderate
2. Click on the 'Work Plan' option
3. Click on the three dots and select the 'Edit' option

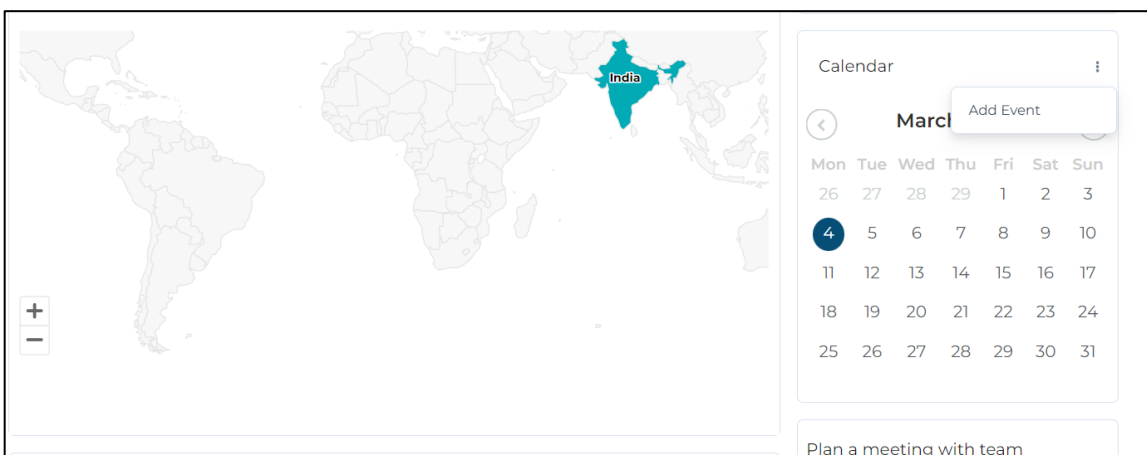


4. Edit your work plan and select the 'Update' button

How to add an event?

To add an event, follow the steps given below:

1. Click on the collaboration that you moderate
2. Find the calendar on the right side of the page
3. Click on the three dots and select the 'Add event' option



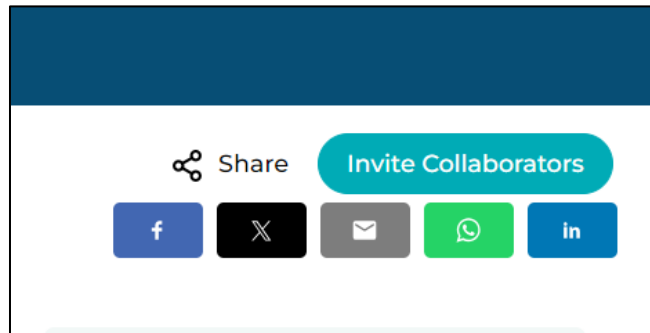
4. Fill in event details such as event name, start date, end date, location (hybrid, physical, online), link, etc.
5. Select the 'Submit' button

Please note that the following actions are available for both moderators and collaborators.

How to share collaboration on social media?

To share the collaboration on your social media, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Find the 'Share' symbol at the top right corner of the page
3. Click on the 'Share' option and choose the platform that you want to share it on

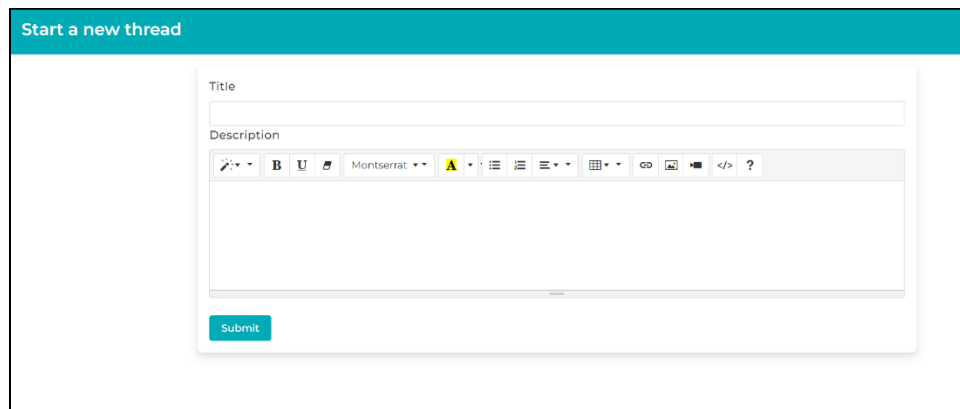


4. Share the link

How to start a discussion thread?

To start a discussion thread, follow the following steps:

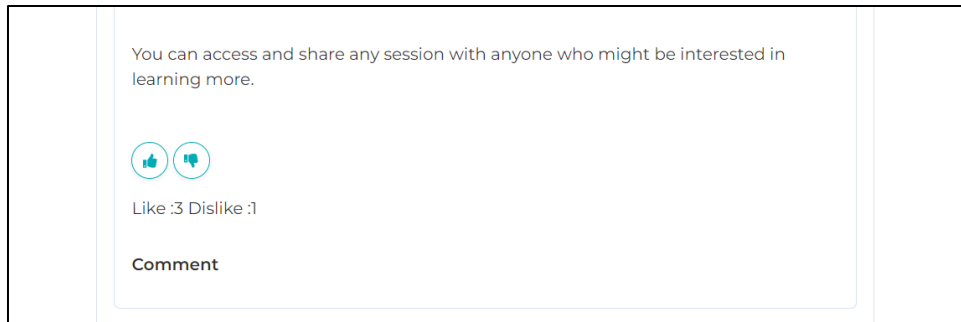
1. Click on the collaboration that you're a part of
2. Click on the 'Conversation' option
3. Click on the 'New thread' button
4. Add a title and description
5. Select the 'Submit' button



How to like a thread?

To like a thread, follow the following steps:

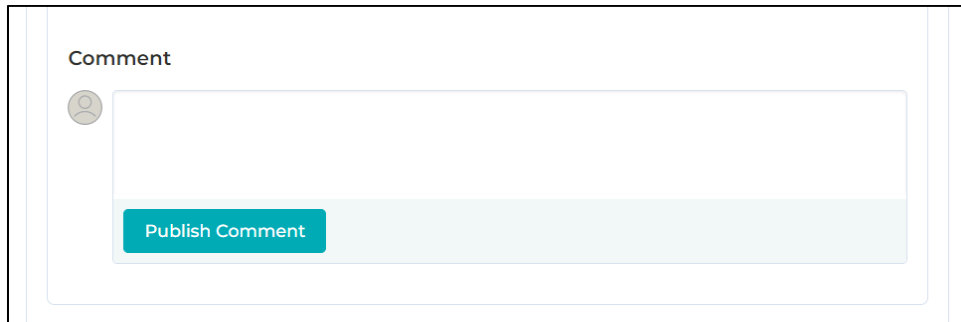
1. Click on the collaboration that you're a part of
2. Click on the 'Conversation' option
3. Find the thumbs up and thumbs down icons
4. Click on thumbs up/thumbs down if you like/dislike the conversation



How to comment on a thread?

To add your comment on a thread, follow the steps given below:

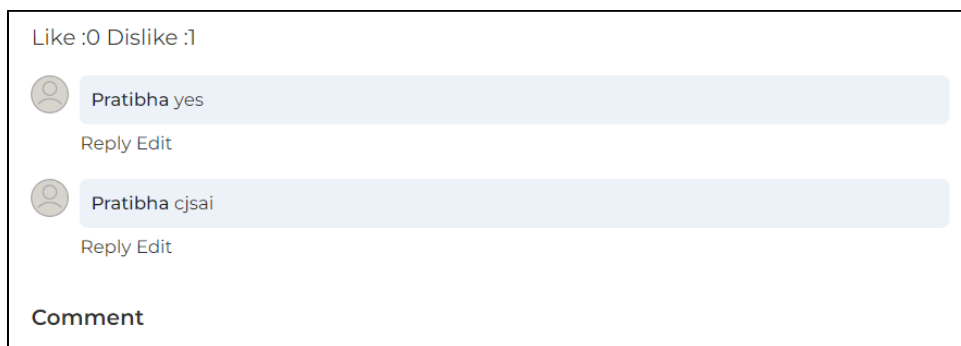
1. Click on the collaboration that you're a part of
2. Click on the 'Conversation' option
3. Find the 'Comment' button and click on it
4. Add your comment and select the 'Publish comment' button



How to reply to a comment?

To reply to a comment, follow the steps given below:

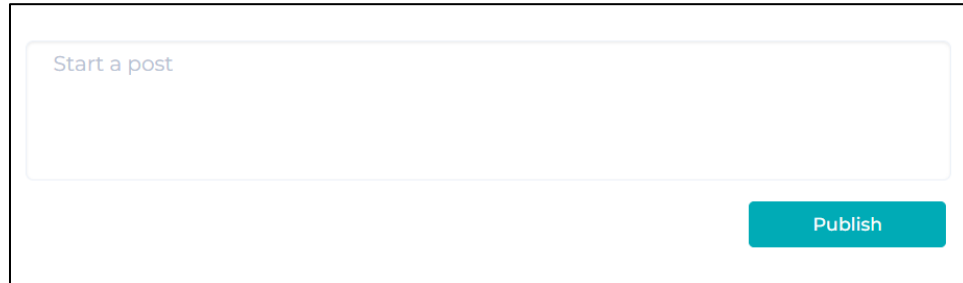
1. Click on the collaboration that you're a part of
2. Click on the 'Conversation' option
3. Find the comment that you want to reply to and click on 'Reply' just below it
4. Now add your comment and select the 'Publish' button



How to add a post?

To add a post, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Post' option
3. Go to the 'Start a post' box and type your post
4. Select the 'Publish' button

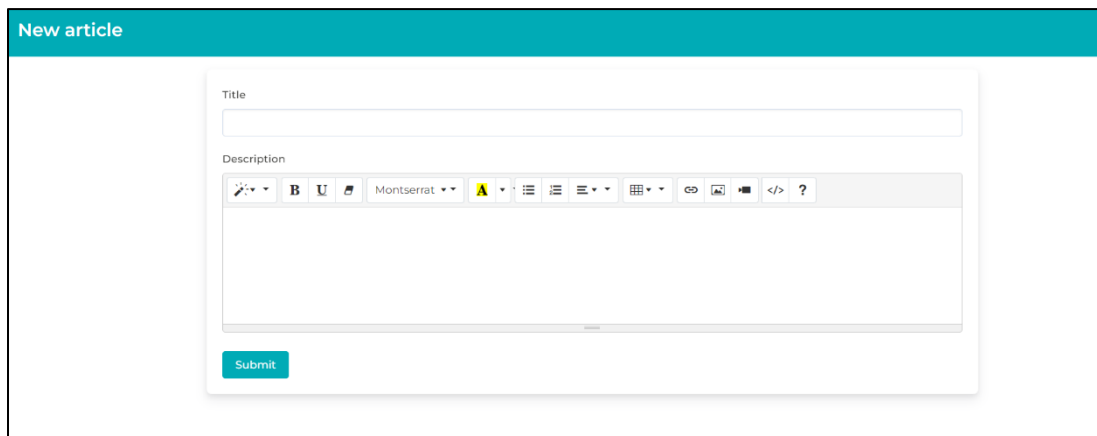


A screenshot of a web form for starting a post. It features a large, empty text input field with the placeholder text "Start a post" in a light blue font. Below the input field, on the right side, is a teal-colored button with the word "Publish" written in white text.

How to post an article?

To post an article, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Article' option
3. Click on the 'New article' button and type your article
4. Select the 'Submit' button



A screenshot of a web form titled "New article" in a teal header. The form contains a "Title" input field at the top. Below it is a "Description" section with a rich text editor. The editor's toolbar includes icons for bold (B), italic (I), underline (U), font color, background color, font family (Montserrat), font size, text color, text background color, text direction, text style, text indent, text wrap, text link, text unlink, text code, and a help icon (?). Below the editor is a teal-colored button labeled "Submit".

How to add a poll?

To add a poll, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Poll' option
3. Click on the 'New poll' button and add your question and options
4. Select the 'Submit' button

Start a new poll

Question *

Option*

Submit

Please note that you can see results on other's polls.

How to add a resource?

To add a resource, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Resource' option
3. Click on the 'New resource' button and add a title and description
4. Select the 'Submit' button

New resource

Title

Description

Submit

How to add data?

To add data, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Data' option
3. Click on the 'Add data' button and add details such as a title, description, keywords, contact person, and email ID, and choose a file

4. Select the 'Submit' button

How to edit my conversation/post/article/resource/data?

To edit your conversation/post/article/resource/data, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Conversation/Post/Article/Resource/Data' option
3. Click on the 'Edit conversation/Edit post/Edit article/Edit resource/Edit data' and edit your conversation/post/article/resource/data
4. Select the 'Submit/Publish' button

How to edit workplan when you're assigned a milestone?

To edit workplan, follow the steps given below:

1. Click on the collaboration that you're a part of
2. Click on the 'Workplan' option
3. Click on the pen symbol under the 'action' section
4. Update your progress and click on the tick mark symbol

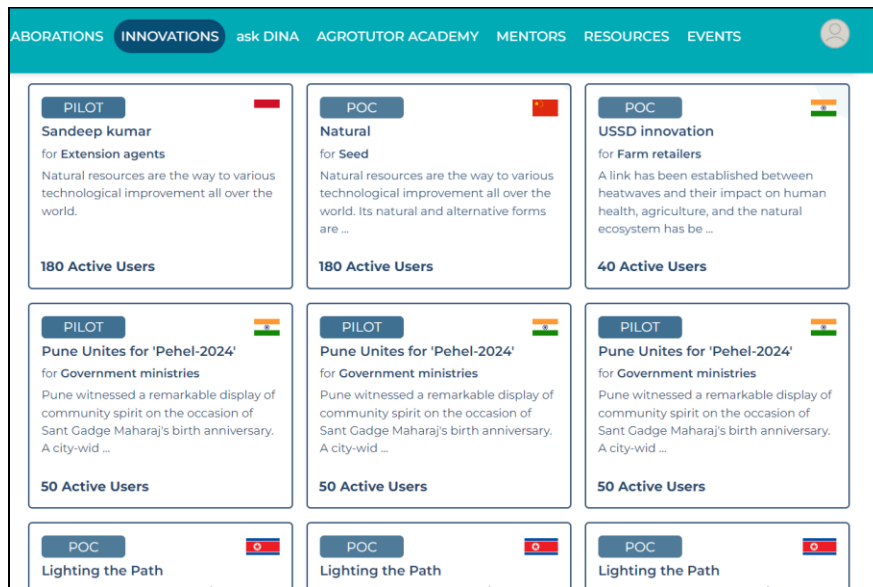
Innovation Showcase

The Innovation Showcase serves as a dynamic stage designed to present innovations and breakthroughs within digital agri-food systems, with a particular focus on contributions from the global south. This space enables innovators to not only exhibit their creations but also find innovations of other innovators and engage with peers who share similar passions and interests. By showcasing innovation in the Innovation Showcase, individuals can connect, exchange ideas, and collectively influence the future of digital agri-food systems.

How to view an innovation?

To view an innovation, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Innovations' button on the Innovation Showcase tile
2. Scroll down to find any innovation of your interest and click on the innovation



Or:

To view an innovation using a filter, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Innovations' button on the Innovation Showcase tile
2. On the left-hand side, select keywords, country, phase, and primary users



3. Click on the 'Apply filter' button
4. Scroll down to find any innovation of your interest and click on the innovation

How to add an innovation?

To add an innovation, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Innovations' button on the Innovation Showcase
2. Click on the 'Add Innovation' button in the top right corner



3. Fill in the necessary details such as innovation profile, user profiles, collaboration, partnership and business models, media and others
4. Select the 'Submit' button

You will be able to view your digital innovation in the Innovation Showcase once it's reviewed and approved by the team.


How to view my innovation?

To view your innovation, follow the steps given below:

1. Click on the 'Explore Innovations' button on the Innovation Showcase tile
2. Click on the 'My Innovations' button in the top right corner



3. Click on the 'View' button on the right

Total Innovation : 1			
Innovation Name	Status	Creation Date	Action
 m	Partially Saved	2024-03-15 14:54:12	View Edit

1


How to edit my innovation?

To edit your innovation, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Explore Innovations' button on the Innovation Showcase tile
2. Click on the 'My Innovations' button in the top right corner



3. Click on the 'Edit' button on the right and edit your innovation

Total Innovation : 1			
Innovation Name	Status	Creation Date	Action
 m	Partially Saved	2024-03-15 14:54:12	View Edit

1

4. Select the 'Submit' button

Mentors Connect

Mentors Connect is a dedicated space where mentees can connect with experts to receive personalised guidance and support. This space aims to facilitate meaningful peer to peer mentorship by connecting mentees with mentors who possess relevant expertise in their respective fields.

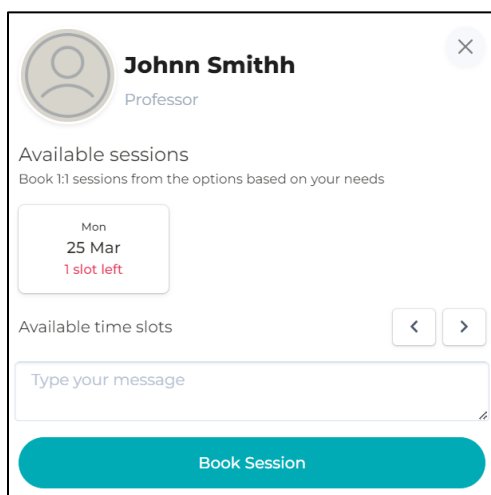
Through Mentors Connect, users can:

- Enroll as Mentors and share knowledge, insights, and experiences with mentees
- Connect with mentors and access valuable insights, advice, and assistance tailored to their specific needs and goals

How to connect with a mentor?

To connect with a mentor, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Link with a mentor' button in the Mentors Connect tile
2. Find a mentor whose expertise aligns with your interest and click on the 'Connect' button
3. Select a time slot from the available time slots
4. Click on the 'Book Session' button

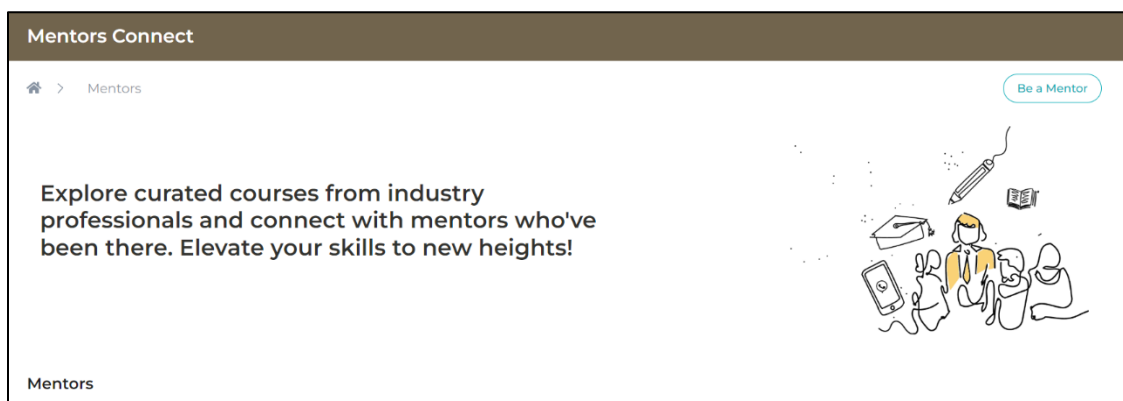


Please note that you will receive an email as soon as the mentor confirms the meeting request. You can find the meeting details in the email and join the meeting.

How to become a mentor?

To become a mentor, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Link with a mentor' button on the Mentors Connect tile
2. Click on the 'Be a Mentor' button in the top right corner



3. Fill in the necessary details like your name, country, and professional experience, and set up your calendar per your availability

4. Select the 'Submit' button

You will be able to view your mentor profile in Mentors Connect once it's reviewed and approved by the team.

How to manage your calendar?

There are two ways to manage your calendar – Day and Date. To manage your calendar while creating your mentor profile by selecting the 'Day' type, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Link with a mentor' button on the Mentors Connect tile
2. Click on the 'Be a Mentor' button in the top right corner
3. Fill in the necessary details like your name, country, and professional experience
4. In the 'Manage your calendar' section, first choose your time zone and then choose the type 'Day'
5. Choose the day and time of your availability on each day
6. Click on the plus icon located on the right of your time option if you want to add a few more sessions in the day
7. Click on the 'Submit' button

The screenshot shows a form titled "Manage Your Calendar". It includes a "Timezone*" dropdown menu set to "Asia/Kolkata". Under "Select Type*", the "Day" radio button is selected, and the "Date" radio button is unselected. The "Set your availability*" section shows "Monday" unselected and "Tuesday" selected. For Tuesday, the "Time of your availability(Tuesday)*" is set from "Start time" 18:30 to "End time" 19:00, with plus and minus icons for adjustment. Below, "Wednesday" is also selected, but its "Time of your availability(Wednesday)*" is currently empty, with "Start time" and "End time" fields showing "--:--" and a plus icon for adding a session.

To manage your calendar while creating your mentor profile by selecting the 'Date' type, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Link with a mentor' button on Mentors Connect tile
2. Click on the 'Be a Mentor' button in the top right corner
3. Fill in the necessary details like name, country, and professional experience

4. In the 'Manage your calendar' section, first choose your time zone and then choose the type 'Date'
5. Choose the date and time of your availability
6. Enter session duration in minutes
7. Click on the plus icon located on the right of your date and time option if you want to add more dates
8. Click on the 'Submit' button

Please note that the following actions are available for mentors only.

How to connect with a mentee?

To connect with a mentee, follow the steps given below:

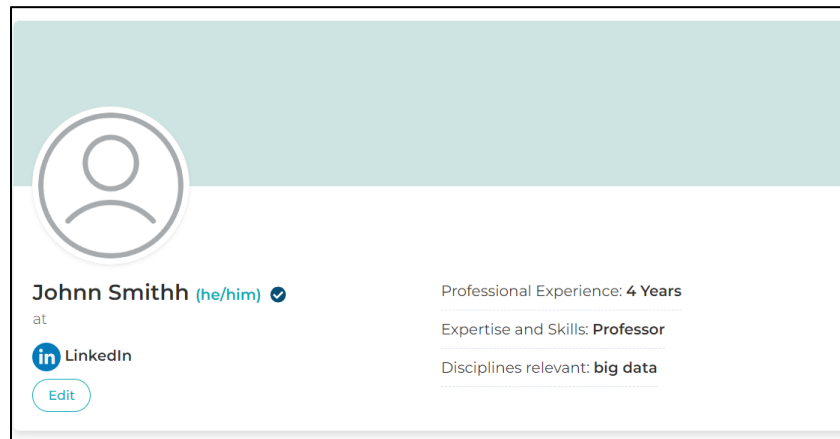
1. From the ICTforAg Learning Network [homepage](#), click on the 'Link with a mentor' button on the Mentors Connect tile.
2. Click on your mentor profile
3. On the right, you will find a list of mentees who want to connect with you
4. Click on the 'Accept' button to accept each request

Please note: You will receive an email when a mentee reaches out for mentorship; you can accept the meeting request by clicking on 'Confirm meeting request'.

How to edit your mentor profile?

To edit your mentor profile, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Link with a mentor' button on the Mentors Connect tile
2. Click on your mentor profile
3. Click on the 'Edit' button below your profile picture



4. Edit your details. You can manage your calendar as well; you can change the day and date of your availability
5. Click on the 'Update' button

AgroTutor Academy

The AgroTutor Academy serves as an essential space where individuals can access courses related to the digital agri-food systems. These courses are delivered through two primary channels: WhatsApp and online mode. The flexibility of delivery through online mode and WhatsApp ensures accessibility for a wide range of learners, regardless of geographical location or technological infrastructure. It has a specific Learning Management System that offers the partners/course creators to use the platform and offer courses to its individual group of learners. This is highly customisable and needs very little training and it's open for all stakeholders.

At AgroTutor Academy, users can:

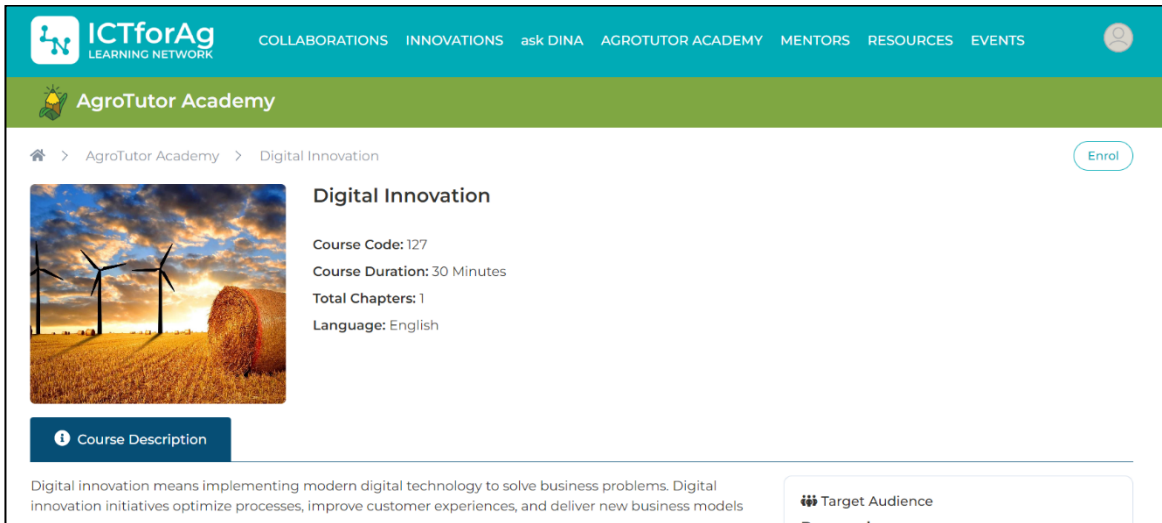
1. Enrol in various courses covering diverse aspects of digital agri-food systems
2. Create and host courses through online mode and WhatsApp

How to join a WhatsApp course?

To join a WhatsApp course, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'Join a Course' on the AgroTutor Academy tile
2. Find a course of your interest and click on the 'View Course' button

3. Click on the 'Enrol' button in the top right corner



4. Fill in the necessary details and select the 'Enrol' button

The screenshot shows the 'Enrol' form on the ICTforAg Learning Network website. The form is titled 'Enrol' and has a close button (X) in the top right corner. It contains the following fields and elements:

- Mobile Number***: A text input field with a dropdown menu for country selection (USA) and the placeholder text 'Mobile Number'.
- Name***: A text input field with the placeholder text 'Name'.
- Gender***: A dropdown menu with the placeholder text 'Select gender'.
- Course Name ***: A text input field with the placeholder text 'Digital Innovation'.
- Captcha**: A field containing a captcha image (9 P V 4 H 9) and a refresh button, followed by a text input field with the placeholder text 'Enter the Captcha'.
- Enrol**: A blue button at the bottom right of the form.

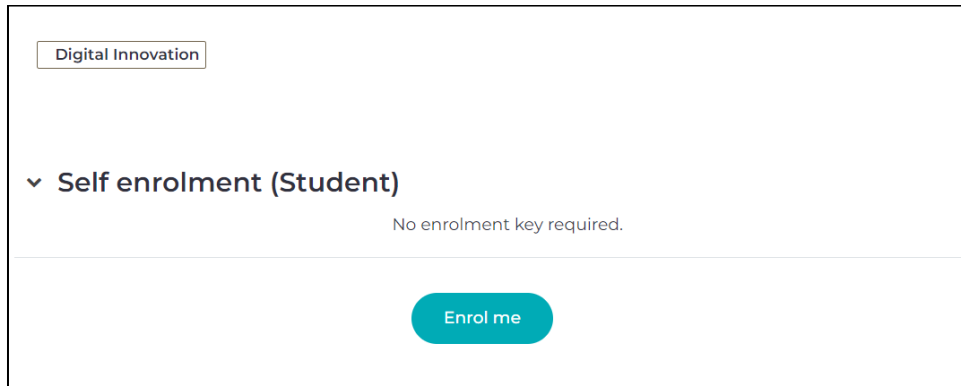
You can start the course on WhatsApp once your enrolment request is reviewed and accepted by the course instructor.

How to join an online course?

To join a course, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'Join a Course' on the AgroTutor Academy tile
2. Find a course of your interest and click on it
3. Go through the course details

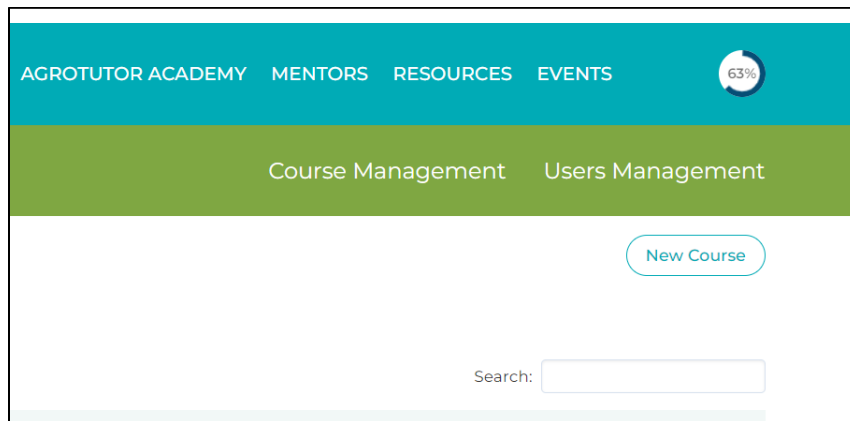
4. Scroll down and select the 'Enrol me' button



How to add a WhatsApp-based course?

To add a course, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'Join a Course' button on the AgroTutor Academy tile
2. Click on the 'Course Management' link and click on 'New Course' button on the right



3. Fill in the necessary details such as course name, keywords, course description, etc
4. You can add course instructor details for individuals who can later edit the course content
5. Click on 'Submit' button

How to edit a course?

To edit course, follow the steps given below:

1. After adding the course, you can view your course on the list
2. To edit a course, click on the three dots in the action section and select the 'Edit' option
3. Edit the course details and select the 'Update' button

How to add course content?

To add course content, follow the steps given below:

1. After adding the course, you can view your course on the list
2. To add course content, click on the three dots in the action section and select the 'View' option

Search: <input type="text"/>						
Enrolled	Completed	In Progress	Yet to Respond	Inactive	Status	Action
1	0	0	1	0	Published	...
0	0	0	0	0	Ur	View
0	0	0	0	0	Ur	Edit
0	0	0	0	0	Ur	Delete

3. Select 'Course contents' option and click on the 'Add chapter' button
4. Fill in the details and click the 'Submit' button
5. Now you can add quizzes and content by clicking on the options given on the right

Course Contents: 1

Chapter 1 > Introduction

Buttons: Quiz, Add Content, Edit Chapter, Delete

Top navigation: Course Description, Course Contents, Users, Bulk Activity

Right button: Add New Chapter

How to add an online course?

To add an online course, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'Join a Course' button on the AgroTutor Academy tile
2. Scroll down and go to the online course, click on the login button at the top right corner of the webpage, and login with your admin credentials
3. Turn on the 'Edit mode' toggle and click on the 'Add new course' button

Online Courses

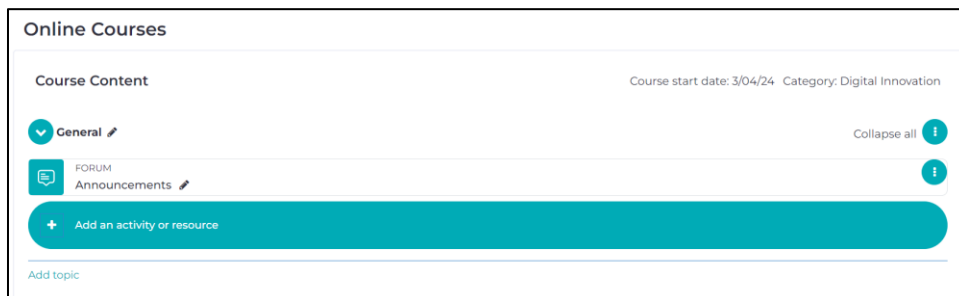
Add a new course

4. Add course details, description, course format, files, etc
5. Click on the 'Save and display button' button

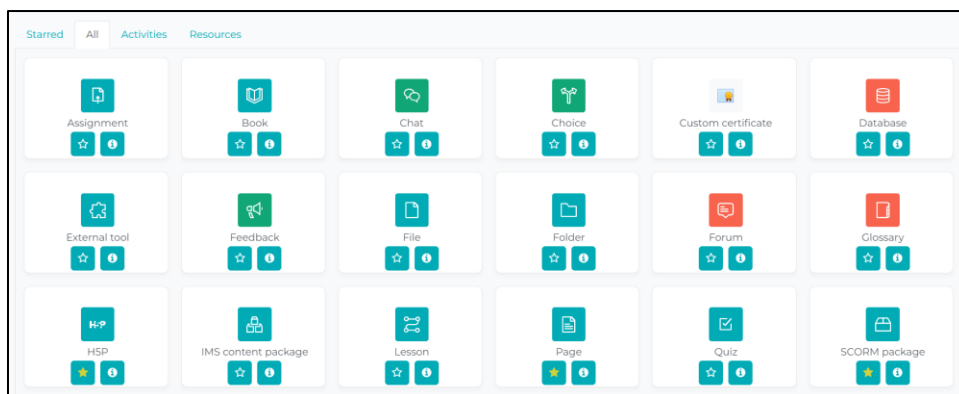
How to add course content?

To add course content, follow the steps given below:

1. After adding the course, ensure the 'Edit mode' toggle is on
2. Click on the 'Add activity or resource' button



3. Select the course element that you want to add, for example, SCORM package, quiz, etc



4. You will be directed to the webpage where you can easily upload the resource of the course
5. Click on the 'Save and display' button for successful submission

DINA

Digital Innovation Navigation Assistant (DINA) is an experimental Generative AI system leveraging OpenAI's GPT-3.5 API with a meticulously curated evidence database. This unique combination enables DINA to generate responses to queries by drawing upon a vast array of knowledge and information. Moreover, DINA enhances its responses by cross-referencing them with results obtained from Co-lab GPT, Public Chat GPT and Gemini, thereby enriching the quality and relevance of its output.

By incorporating these additional sources, DINA aims to provide users with more comprehensive and accurate insights in response to their queries. One can ask their query and get a thorough and detailed answer from a vast knowledge base. You can find a knowledge graph, a digital structure that represents concepts and the links between them, for your answers.

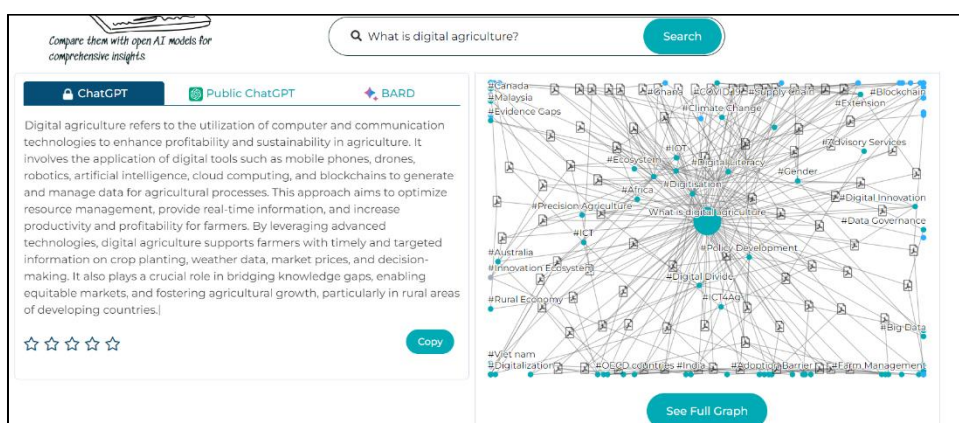
How to use DINA?

Follow the steps below to understand how you can use DINA:

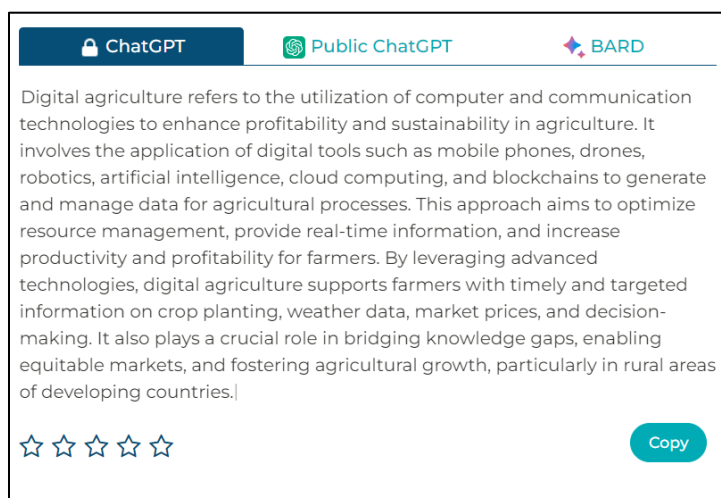
1. From the ICTforAg Learning Network [homepage](#), find DINA just below the spaces
2. Type your query or simply enter a keyword and click on the 'ask DINA' button



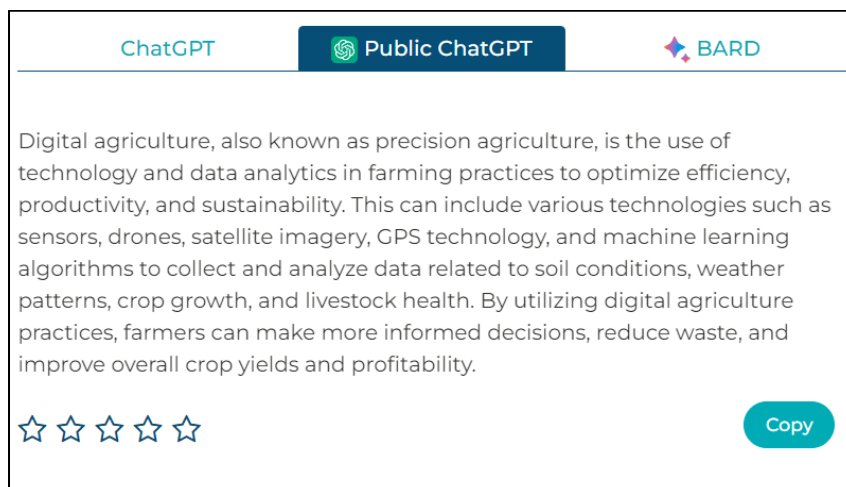
3. You can view your evidence backed answers and their knowledge links



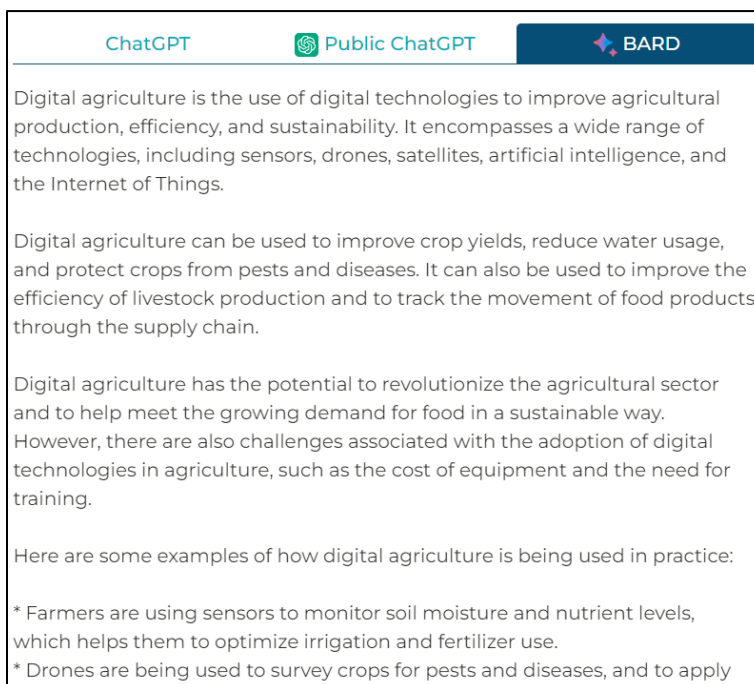
4. Select the 'ChatGPT' button if you want to view a response that's sourced from the resources present on the ICTforAg Learning Network



5. Select the 'Public ChatGPT' button if you want to view a response that's sourced from ChatGPT (developed by openai.com)



6. Select the 'Gemini' button if you want to view a response that's sourced from Gemini (developed by Google)



How to view the full knowledge graph?

Follow the steps given below to view the full knowledge graph:

1. From the ICTforAg Learning Network [homepage](#), find DINA just below the spaces
2. Type your query or simply enter a keyword and click on the 'ask DINA' button
3. You can view your evidence-backed answer and their knowledge links
4. Find the knowledge graph on the right side
5. Click on the 'See full graph' button

REVIEW PAPER

The Digitalisation of Agriculture A Literature Review And Emerging Policy Issues

Jonathan McFadden, Francesca Casalini, Terry Griffin, Jesu00fas Antu00f3n

[The Digitalisation of Agriculture A Literature Review And Emerging Policy Issues.pdf](#)

2022

The adoption of digital technologies in agriculture has been significant, driven by factors such as increases in computational power, faster internet, greater connectivity, declining technology costs, and the rise of big data paired with advanced analytics. National surveys indicate broad use of digital tools in row crops, while evidence for livestock and specialty crops is more limited. Among the most widely used technologies are yield and soil maps, automated guidance, monitoring technologies, and precision pest management. Many tools involving algorithm-based decision-making and automation are being developed and piloted. Major determinants of adoption include farmers age, human capital, perceptions of technology, quality-of-life gains, and farm scale. Major constraints to adoption include technology costs, user-friendliness, relevance, clearly demonstrated net benefits, lack of high-speed internet connectivity, and mistrust in tools. Policymakers can enhance adoption by providing support for research and development, infrastructure development, education and training, and other measures. More detailed information is needed about adoption and the costs and benefits of new technologies as directly experienced by farmers.

Organization: Organisation for Economic Co-operation and Development

Digital Public Goods and Resources

On the ICTforAg Learning Network, Digital Public Goods and Resources underpin the platform's mission to enhance agricultural practices through digital innovation. These resources encompass a wide range of digital assets and tools openly accessible to all participants within the ICTforAg Learning Network. By leveraging these digital public goods, participants on the ICTforAg Learning Network can access valuable knowledge, collaborate on projects, and develop innovative solutions to address challenges in the agricultural sector. Participants can add digital public goods and resources as well.

How to use Digital Public Goods and Resources?

Follow the steps given below to understand how to use Digital Public Goods and Resources:

1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in Digital Public Goods
2. Find a DPG of your interest and click on it

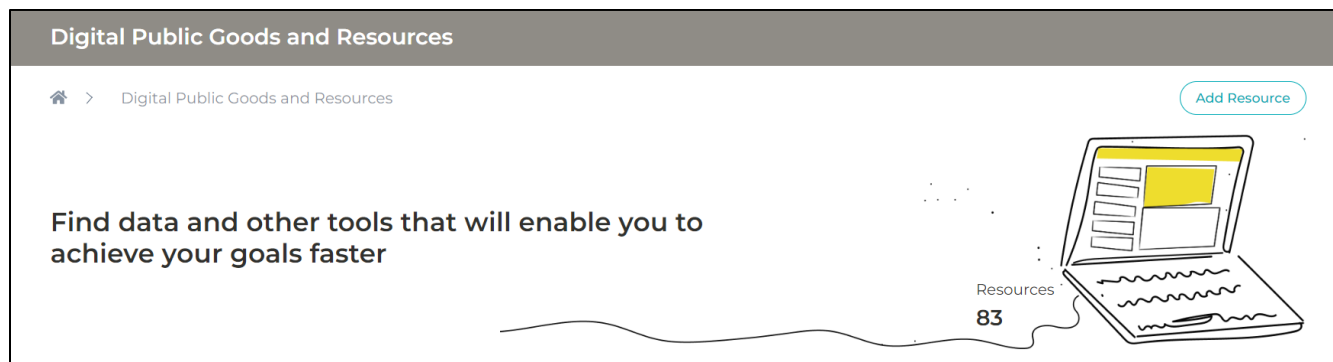
The screenshot shows a search interface for Digital Public Goods (DPG). On the left, there is a search bar and several filter categories: Resource Type, Content Type, Countries, Licence Attribute, and Targeted Audience. The main area displays a grid of search results, each with a title, a brief description, a small image, and a 'DPG' badge. The results include:

- UXtools4Ag**: The UX Toolkit is an invaluable resource tailored to meet the needs of CGIAR staff and partners seek...
- CIMMYT Maizescanner**: #Maize. The CIMMYT Maize Scanner is a tool for RGB field-based phenotyping. It can calculate a number of RGB...
- CGIAR Social Economic Ontology**: #Ontology. This ontology is the socio-economic ontology developed by CGIAR and partners. Socio-economic ontolog...
- Aerial Image Analysis**: #Satellite. CGIAR project - Earth Observation Data
- ILRI Environment Modules**: #Environment. Environment modules for the ILRI, Nairobi HPC cluster
- Building capacity in SARS-CoV-2 genomics...**: #Genomics. A suite of pathogen genomics tutorials for the ILRI Genomics platform training programs

How to add Digital Public Goods and Resources?

To add a resource, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in Digital Public Goods
2. Click on the 'Add Resource' button in the top right corner



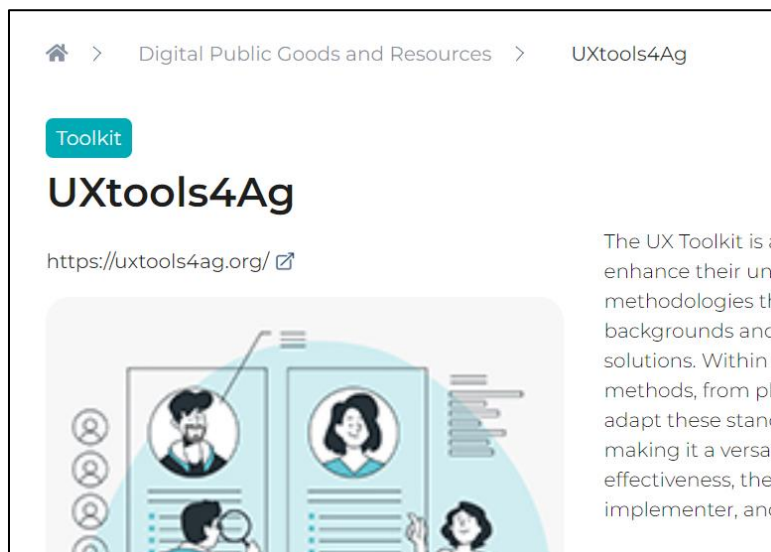
3. Fill in the necessary details such as title, URL, content type, etc
4. Select the 'Submit' button

You will be able to view your DPG or resource in the Digital Public Goods and Resources once it's reviewed and approved by the team.

How to view the source of Digital Public Goods and Resources?

Follow the steps given below to understand how to view the source of the DPG:

1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in Digital Public Goods
2. Find a DPG of your interest and click on it
3. You will see a hyperlink just below the DPG title
4. Click on the hyperlink to go to the source of the DPG



How to edit Digital Public Goods and Resources?

To add a resource, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in Digital Public Goods
2. You will be able to view your DPG or resource in the Digital Public Goods and Resources once it's reviewed and approved by the team, click on your DPG/resource
3. Click on the 'Edit' button in the top right corner and edit details
4. Select on the 'Update' button

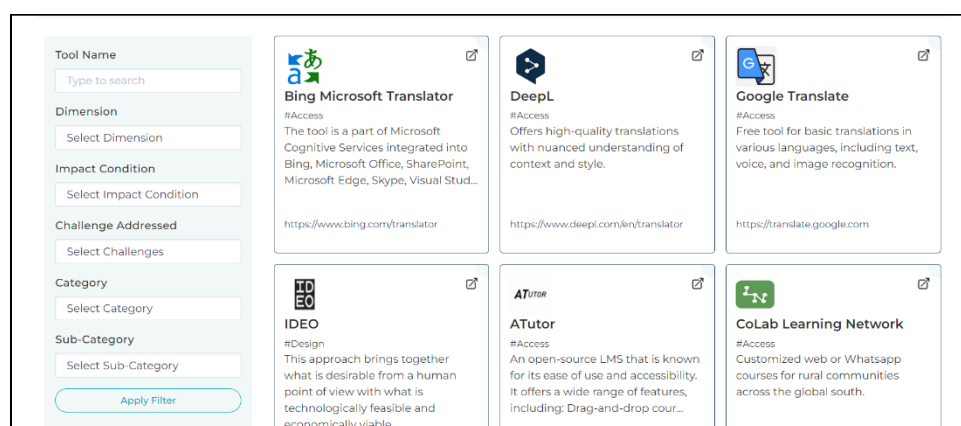
Responsible Digital Innovation Toolkit

Addressing challenges in transforming agri-food systems digitally requires responsible, inclusive, and ethical technology adoption. Our Responsible Digital Innovation Toolkit streamlines this with a systematic approach, categorizing tools to tackle each challenge, offering over 500 proven open-source and paid tools for driving digital innovation in agri-food systems. Our goal is to enable diverse stakeholders to actively participate in ethically and sustainably transforming agri-food systems through responsible digital innovation. Through the adoption of the Responsible Digital Innovation Toolkit, users can make informed decisions and build trust with stakeholders, ultimately leading to more sustainable and beneficial outcomes for all.

How to use Responsible Digital Innovation Toolkit?

Follow the steps given below to understand how to use Responsible Digital Innovation Toolkit:

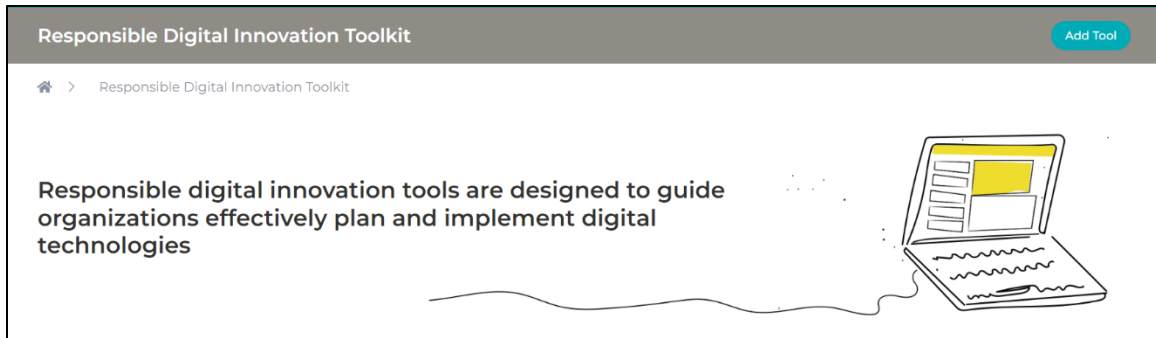
1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in Responsible Digital Innovation Toolkit
2. Find a tool of your interest and click on it



How to add a tool?

To add a tool, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in the Responsible Digital Innovation Toolkit
2. Click on the 'Add Tool' button in the top right corner



3. Fill in the necessary details such as tool name, tool description, category, link, etc
4. Select the 'Submit' button

You will be able to view your digital innovation tool in the Responsible Digital Innovation Toolkit once it's reviewed and approved by the team.

How to edit a tool?

To add a tool, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on 'See All' button in Responsible Digital Innovation Toolkit
2. You will be able to view your RDI tool in the Responsible Digital Innovation Toolkit, once it's reviewed and approved by the team, click on your RDI tool
3. Click on the 'Edit' button in the top right corner and edit details
4. Select the 'Update' button

Events

The ICTforAg event space is where cutting-edge ideas meet practical solutions to revolutionize the agricultural sector. One can host a diverse array of events that bring together experts, entrepreneurs, and enthusiasts passionate about leveraging technology for agri-food systems.

How to register for an event?

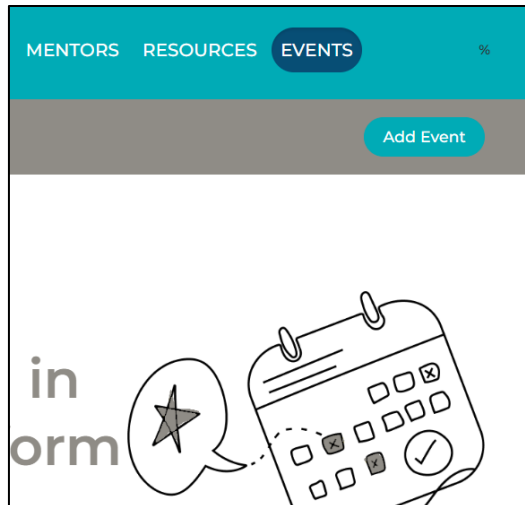
To register for an event, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Events' link in the footer menu
2. Click on the event that interests you
3. Click on the 'Register' button
4. You will be redirected to the events page to fill in your details and register

How to add an event?

To add an event, follow the steps given below:

1. From the ICTforAg Learning Network [homepage](#), click on the 'Events' link in the footer menu
2. Click on the 'Add event' button on the right side



3. Fill in the details such as the event name, start date, end date, location (hybrid/physical/online), link, etc
4. Select the 'Submit' button

How to edit an event?

To add an event, follow the steps given below:

5. From the ICTforAg Learning Network [homepage](#), click on 'See All' in Events section
6. You will be able to view your event in the Events section, once it's reviewed and approved by the team, click on your event
7. Click on the 'Edit' button in the top right corner and edit details
8. Select the 'Update' button