Young Agriculture Professional

Organization: ANNAM.AI, Center of Excellence in AI for Agriculture, IIT Ropar
Position Type: Contractual
Experience: 0-2 Years
Education: Diploma / Bachelor's / Master's in Agriculture or Allied Agricultural Sciences
Location: India / As per project requirements / Hybrid / Remote
Engagement: Full-time / Project-based
Compensation: ₹ 2.40 - 3.0 Lakhs per annum (Based on qualifications and experience)
Tenure: Initial appointment for 2 months, extendable up to 1 year

About ANNAM.AI

ANNAM.AI (Alliance for Next-Gen Nourishment through Agriculture Modernisation) is a transformative initiative established as a Centre of Excellence (CoE) under the Ministry of Education at the prestigious Indian Institute of Technology (IIT) Ropar. The CoE is dedicated to revolutionizing the agricultural landscape of India by integrating cutting-edge artificial intelligence (AI) technologies into sustainable farming practices. The name "Annam" itself symbolizes nourishment and the sustenance of life, reflecting its mission to ensure food security while promoting eco-friendly and efficient agricultural solutions deploying AI. ANNAM.AI aspires to address critical challenges in agriculture, such as resource optimization, nature-inspired enhanced pollination, and real-time decision-making for farmers in their own language. By fostering interdisciplinary research, the CoE aims to bridge the gap between advanced technology and traditional farming, empowering farmers with data-driven tools to enhance productivity and sustainability. The initiative underscores India's commitment to leveraging AI for societal benefit and positions the country as a global frontrunner in agricultural innovation. With its vision to combine technology and tradition, ANNAM.AI holds the potential to transform not just Indian agriculture but also contribute significantly to global food security and environmental conservation.

Role Summary

The Young Professional – Agriculture, will contribute to the development, organization, validation, and continuous improvement of agriculture-focused knowledge systems at ANNAM.AI.
The role requires a strong academic foundation in agricultural sciences, an interest in evidence-based agricultural knowledge, attention to scientific accuracy, and an ability to understand the diversity of Indian cropping systems, farming practices, agro-climatic conditions, and regional agricultural contexts.
The selected candidate will work closely with interdisciplinary teams comprising agriculture specialists, researchers, data professionals, AI/technology teams, and field teams.
The role is particularly suitable for an early-career agricultural professional who is interested in applying agricultural knowledge in research, digital agriculture, AI-enabled knowledge systems, and technology-driven agricultural applications.

Key Responsibilities

1. Contribute at Grade 1 to the development and enrichment of agriculture-related knowledge and resources.
2. Research, annotate and compile relevant information related to crops, farming practices, agricultural technologies, and allied areas.
3. Review agricultural information for accuracy, relevance, clarity, and consistency.
4. Contribute to crop-specific and region-specific agricultural knowledge as required.
5. Support research and knowledge-development activities across different agricultural domains.
6. Provide agricultural inputs to multidisciplinary projects involving technology, data, and digital applications.
7. Assist in analysing and organizing agricultural information from credible and relevant sources.
8. Contribute to the continuous improvement of agriculture-focused resources and content.
9. Participate in periodic field and community outreach visits to understand local agricultural contexts, gather feedback, and validate the relevance and applicability of knowledge and solutions being developed.
10. Contribute to co-creation and field validation activities, incorporating insights and feedback from farmers and other relevant stakeholders to improve agriculture-focused resources and initiatives.
11. Work collaboratively with agriculture professionals, researchers, technology teams, field teams, and other stakeholders.
12. Stay updated on relevant developments in agriculture, farming practices, agricultural research, and emerging technologies.

Candidate Profile

Educational Qualification

Candidates should have a Diploma, Bachelor's, or Master's degree in:

1. Agriculture
2. Agronomy
3. Soil Science
4. Entomology
5. Plant Pathology
6. Seed Science & Technology
7. Horticulture
8. Agricultural Extension
9. Agricultural Economics
10. Agricultural Engineering
11. Plant Breeding & Genetics

Or any other closely related agricultural discipline

The qualification must be from a recognized Agricultural Universities

Experience

0–2 years of relevant experience.

1. Fresh graduates with a strong academic foundation in agricultural sciences are encouraged to apply.
2. Candidates with prior exposure to agricultural research, institutional projects, agricultural extension, field projects, knowledge management, agri-tech, or related activities will have an added advantage.
3. Internship, dissertation, project, research-assistant, fieldwork, or similar academic experience may also be considered relevant.

Required Skills & Competencies

Agricultural Knowledge

1. Strong fundamentals in agricultural sciences.
2. Understanding of Indian agriculture and diverse cropping systems.
3. Ability to understand agricultural practices across different crops and regions.
4. Ability to interpret technical agricultural information.

Research & Analytical Skills

1. Ability to conduct structured desk research.
2. Ability to identify and use credible sources.
3. Strong attention to factual accuracy and detail.
4. Ability to compare, organize, and synthesize information from multiple sources.
5. Logical and analytical approach to agricultural problems.
6. Technical content creation in the agriculture domain.

Communication Skills

1. Good written and verbal communication skills.
2. Ability to explain agricultural concepts clearly and accurately.
3. Ability to work with both technical and non-technical teams.
4. Proficiency in English reading, writing, articulation, and documentation is an essential skill

Regional Language

1. Proficiency in reading, writing, articulation, and documentation is an essential skill at least one relevant local or regional Indian language is essential for roles involving regional agricultural engagement.
2. Knowledge of additional Indian languages will be an added advantage.

Digital Skills

1. Basic proficiency in Zoho Workspace / MS Office / Google Workspace or equivalent productivity tools.
2. Ability to work with digital knowledge-management and data systems.
3. Comfort with learning new digital platforms and technology-enabled workflows.
4. Basic familiarity with AI, digital agriculture, data systems, or knowledge platforms will be an advantage, but is not mandatory.

Preferred Attributes

We are particularly interested in candidates who demonstrate:

1. Curiosity about agriculture and emerging agricultural technologies.
2. Strong interest in research and evidence-based knowledge.
3. Willingness to learn and work across disciplines.
4. Ability to work independently as well as collaboratively.
5. Attention to detail and commitment to scientific accuracy.
6. Openness to working with agriculture, AI, data, and technology teams.
7. Ability to understand both the technical and practical dimensions of Indian agriculture.
8. Willingness to work in a dynamic, project-driven environment.

What You Will Work On

Depending on project requirements, the selected candidate may contribute to areas such as:

1. Agricultural knowledge development
2. Crop-wise knowledge systems
3. Agriculture research and reference compilation
4. Agricultural content review and validation
5. Digital agriculture
6. AI-enabled agricultural knowledge systems
7. Agricultural datasets and knowledge repositories
8. Regional agriculture intelligence
9. Farmer-facing digital applications
10. Agricultural advisory knowledge systems
11. Data and knowledge quality assurance

Working Environment

The role involves collaboration across multiple disciplines. The selected candidate may work with:

Agriculture Experts → Researchers → Data Teams → AI/Technology Teams → Product Teams → Field Teams

The position therefore provides an opportunity to understand how agricultural domain knowledge can be translated into structured, technology-enabled knowledge systems for large-scale agricultural applications.

Selection Process

The selection process may comprise multiple stages, depending on the role, project requirements, and level of responsibility. The complete recruitment journey will be facilitated through **Anveshan**, an AI-powered interview platform Anveshan, designed to streamline candidate screening and assessment through intelligent, conversational interviews.

1. **Application Submission & Screening**
   Applications are reviewed against the defined eligibility and role requirements.
2. **Shortlisting**
   Candidates are shortlisted based on their qualifications, relevant experience, domain expertise, and role-specific requirements.
3. **Interview**
   Candidates participate in a structured interview to assess their suitability for the role.
4. **Foundation course for farm advisors**
   Completion of the Foundation Course is mandatory before proceeding to final onboarding.
5. **Document Submission & Due Diligence**
   Required documents and credentials are verified as part of the due-diligence process.
6. **Final Selection**
   Candidates who successfully complete the applicable stages are considered for final selection.
7. **Onboarding**
   Selected candidates complete the required onboarding formalities.
8. **Induction**
   New team members undergo an induction process covering the organisation, role expectations, workflows, and relevant project requirements.
9. **Training**
   Onboarded candidates will undergo a structured, module-based training programme for a stipulated period. The training will be designed to familiarise candidates with the organisation's processes, tools, domain requirements, role-specific responsibilities, and operational workflows.

Note: Only shortlisted candidates will be contacted for subsequent stages of the selection process.

Important Information

1. This is a project-driven role and the number of positions may vary depending on organizational and project requirements.

2. ANNAM.AI may increase or decrease the number of vacancies based on project requirements.
3. Candidates may be considered for different levels or roles based on their qualifications, experience, skills, and project requirements.
4. Only shortlisted candidates will be contacted.
5. The organization reserves the right to modify the recruitment process, timelines, or number of vacancies based on organizational requirements.
6. Submission of an application does not guarantee an interview or selection.

Equal Opportunity

ANNAM.AI is committed to providing an inclusive and professional working environment. Candidates are encouraged to apply based on their qualifications, skills, experience, and suitability for the role.

How to Apply

Interested candidates are invited to submit their application through the link provided below.

Submission Link: **Anveshan**

Please ensure that all information provided in the application is accurate and complete.

Applications will be reviewed on a rolling basis.

Junior Agriculture Professional

Organization: ANNAM.AI, Center of Excellence in AI for Agriculture, IIT Ropar
Position Type: Contractual
Experience: 2-3 Years
Education: Diploma / Bachelor's / Master's in Agriculture or Allied Agricultural Sciences
Location: India / As per project requirements / Hybrid / Remote
Engagement: Full-time / Project-based
Compensation: ₹ 3.0 - 4.5 Lakhs per annum (Based on qualifications and experience)
Tenure: Initial appointment for 2 months, extendable up to 1 year

About ANNAM.AI

ANNAM.AI (Alliance for Next-Gen Nourishment through Agriculture Modernisation) is a transformative initiative established as a Centre of Excellence (CoE) under the Ministry of Education at the prestigious Indian Institute of Technology (IIT) Ropar. The CoE is dedicated to revolutionizing the agricultural landscape of India by integrating cutting-edge artificial intelligence (AI) technologies into sustainable farming practices. The name "Annam" itself symbolizes nourishment and the sustenance of life, reflecting its mission to ensure food security while promoting eco-friendly and efficient agricultural solutions deploying AI. ANNAM.AI aspires to address critical challenges in agriculture, such as resource optimization, nature-inspired enhanced pollination, and real-time decision-making for farmers in their own language. By fostering interdisciplinary research, the CoE aims to bridge the gap between advanced technology and traditional farming, empowering farmers with data-driven tools to enhance productivity and sustainability. The initiative underscores India's commitment to leveraging AI for societal benefit and positions the country as a global frontrunner in agricultural innovation. With its vision to combine technology and tradition, ANNAM.AI holds the potential to transform not just Indian agriculture but also contribute significantly to global food security and environmental conservation.

Role Summary

The Junior Agriculture Professional, will contribute to the development, organization, validation, and continuous improvement of agriculture-focused knowledge systems at ANNAM.AI.
The role requires a strong academic foundation in agricultural sciences, an interest in evidence-based agricultural knowledge, attention to scientific accuracy, and an ability to understand the diversity of Indian cropping systems, farming practices, agro-climatic conditions, and regional agricultural contexts.
The selected candidate will work closely with interdisciplinary teams comprising agriculture specialists, researchers, data professionals, AI/technology teams, and field teams.
The role is particularly suitable for an early-career agricultural professional who is interested in applying agricultural knowledge in research, digital agriculture, AI-enabled knowledge systems, and technology-driven agricultural applications.

Key Responsibilities

1. Contribute at Grade 2 to the development and improvement of evidence-based agricultural content, knowledge resources, and digital initiatives for farm advisory.
2. Research and curate relevant information on crops, farming practices, agricultural technologies, and allied agricultural areas.
3. Support the quality, accuracy, relevance, and contextual applicability of agriculture-related information and resources.
4. Contribute to crop-specific, regional, and domain-specific agricultural knowledge development.
5. Support agriculture-focused research and knowledge-development activities across diverse agricultural domains.
6. Provide agricultural inputs to multidisciplinary initiatives involving research, data, technology, AI, and digital applications.
7. Explore relevant agricultural and cross-domain applications, practices, and innovations to identify potential features, content, and opportunities for enhancing the digital farm advisory experience.
8. Participate in periodic field and community outreach visits to understand local agricultural contexts, farmer needs, and regional perspectives.
9. Contribute to co-creation and field-engagement activities by incorporating insights and feedback from farmers and relevant agricultural stakeholders.
10. Collaborate with agriculture, research, technology, data, and field teams to support project objectives.
11. Stay informed about developments in agriculture, agricultural research, farming practices, technologies, and digital agriculture.

Candidate Profile

Educational Qualification

Candidates should have a Diploma, Bachelor's, or Master's degree in:

1. Agriculture
2. Agronomy
3. Soil Science
4. Entomology
5. Plant Pathology
6. Seed Science & Technology
7. Horticulture
8. Agricultural Extension
9. Agricultural Economics
10. Agricultural Engineering
11. Plant Breeding & Genetics

Or any other closely related agricultural discipline

The qualification must be from a recognized Agricultural Universities

Experience

2-3 years of relevant experience.

1. Graduates or Master's with a strong academic foundation in agricultural sciences are encouraged to apply.
2. Candidates with prior exposure to agricultural research, institutional projects, agricultural extension, field projects, knowledge management, agri-tech, or related activities will have an added advantage.
3. Internship, dissertation, project, research-assistant, fieldwork, or similar academic experience may also be considered relevant.

Required Skills & Competencies

Agricultural Knowledge

1. Strong fundamentals in agricultural sciences.
2. Understanding of Indian agriculture and diverse cropping systems.
3. Ability to understand agricultural practices across different crops and regions.
4. Ability to interpret technical agricultural information.

Research & Analytical Skills

1. Ability to conduct structured desk research.
2. Ability to identify and use credible sources.
3. Strong attention to factual accuracy and detail.
4. Ability to compare, organize, and synthesize information from multiple sources.
5. Logical and analytical approach to agricultural problems.
6. Technical content creation in the agriculture domain.

Communication Skills

1. Good written and verbal communication skills.
2. Ability to explain agricultural concepts clearly and accurately.
3. Ability to work with both technical and non-technical teams.
4. Proficiency in English reading, writing, articulation, and documentation is an essential skill

Regional Language

1. Proficiency in reading, writing, articulation, and documentation is an essential skill at least one relevant local or regional Indian language is essential for roles involving regional agricultural engagement.
2. Knowledge of additional Indian languages will be an added advantage.

Digital Skills

1. Basic proficiency in Zoho Workspace / MS Office / Google Workspace or equivalent productivity tools.
2. Ability to work with digital knowledge-management and data systems.
3. Comfort with learning new digital platforms and technology-enabled workflows.
4. Basic familiarity with AI, digital agriculture, data systems, or knowledge platforms will be an advantage, but is not mandatory.

Preferred Attributes

We are particularly interested in candidates who demonstrate:

1. Curiosity about agriculture and emerging agricultural technologies.
2. Strong interest in research and evidence-based knowledge.
3. Willingness to learn and work across disciplines.
4. Ability to work independently as well as collaboratively.
5. Attention to detail and commitment to scientific accuracy.
6. Openness to working with agriculture, AI, data, and technology teams.
7. Ability to understand both the technical and practical dimensions of Indian agriculture.
8. Willingness to work in a dynamic, project-driven environment.

What You Will Work On

Depending on project requirements, the selected candidate may contribute to areas such as:

1. Agricultural knowledge development
2. Crop-wise knowledge systems
3. Agriculture research and reference compilation
4. Agricultural content review and validation
5. Digital agriculture
6. AI-enabled agricultural knowledge systems
7. Agricultural datasets and knowledge repositories
8. Regional agriculture intelligence
9. Farmer-facing digital applications
10. Agricultural advisory knowledge systems
11. Data and knowledge quality assurance

Working Environment

The role involves collaboration across multiple disciplines. The selected candidate may work with:

Agriculture Experts → Researchers → Data Teams → AI/Technology Teams → Product Teams → Field Teams

The position therefore provides an opportunity to understand how agricultural domain knowledge can be translated into structured, technology-enabled knowledge systems for large-scale agricultural applications.

Selection Process

The selection process may comprise multiple stages, depending on the role, project requirements, and level of responsibility. The complete recruitment journey will be facilitated through **Anveshan**, an AI-powered interview platform Anveshan, designed to streamline candidate screening and assessment through intelligent, conversational interviews.

1. **Application Submission & Screening**
   Applications are reviewed against the defined eligibility and role requirements.
2. **Shortlisting**
   Candidates are shortlisted based on their qualifications, relevant experience, domain expertise, and role-specific requirements.
3. **Interview**
   Candidates participate in a structured interview to assess their suitability for the role.
4. **Foundation course for farm advisors**
   Completion of the Foundation Course is mandatory before proceeding to final onboarding.
5. **Document Submission & Due Diligence**
   Required documents and credentials are verified as part of the due-diligence process.
6. **Final Selection**
   Candidates who successfully complete the applicable stages are considered for final selection.
7. **Onboarding**
   Selected candidates complete the required onboarding formalities.
8. **Induction**
   New team members undergo an induction process covering the organisation, role expectations, workflows, and relevant project requirements.
9. **Training**
   Onboarded candidates will undergo a structured, module-based training programme for a stipulated period. The training will be designed to familiarise candidates with the organisation's processes, tools, domain requirements, role-specific responsibilities, and operational workflows.

Note: Only shortlisted candidates will be contacted for subsequent stages of the selection process.

Important Information

1. This is a project-driven role and the number of positions may vary depending on organizational and project requirements.
2. ANNAM.AI may increase or decrease the number of vacancies based on project requirements.
3. Candidates may be considered for different levels or roles based on their qualifications, experience, skills, and project requirements.
4. Only shortlisted candidates will be contacted.
5. The organization reserves the right to modify the recruitment process, timelines, or number of vacancies based on organizational requirements.
6. Submission of an application does not guarantee an interview or selection.

Equal Opportunity

ANNAM.AI is committed to providing an inclusive and professional working environment. Candidates are encouraged to apply based on their qualifications, skills, experience, and suitability for the role.

How to Apply

Interested candidates are invited to submit their application through the link provided below.

Submission Link: **Anveshan**

Please ensure that all information provided in the application is accurate and complete.

Applications will be reviewed on a rolling basis.

Agriculture Professional

Organization: ANNAM.AI, Center of Excellence in AI for Agriculture, IIT Ropar
Position Type: Contractual
Experience: 3-5 Years
Education: Bachelor's / Master's in Agriculture or Allied Agricultural Sciences
Location: India / As per project requirements / Hybrid / Remote
Engagement: Full-time / Project-based
Compensation: ₹ 4.5 - 6.0 Lakhs per annum (Based on qualifications and experience)
Tenure: Initial appointment for 2 months, extendable up to 1 year

About ANNAM.AI

ANNAM.AI (Alliance for Next-Gen Nourishment through Agriculture Modernisation) is a transformative initiative established as a Centre of Excellence (CoE) under the Ministry of Education at the prestigious Indian Institute of Technology (IIT) Ropar. The CoE is dedicated to revolutionizing the agricultural landscape of India by integrating cutting-edge artificial intelligence (AI) technologies into sustainable farming practices. The name "Annam" itself symbolizes nourishment and the sustenance of life, reflecting its mission to ensure food security while promoting eco-friendly and efficient agricultural solutions deploying AI. ANNAM.AI aspires to address critical challenges in agriculture, such as resource optimization, nature-inspired enhanced pollination, and real-time decision-making for farmers in their own language. By fostering interdisciplinary research, the CoE aims to bridge the gap between advanced technology and traditional farming, empowering farmers with data-driven tools to enhance productivity and sustainability. The initiative underscores India's commitment to leveraging AI for societal benefit and positions the country as a global frontrunner in agricultural innovation. With its vision to combine technology and tradition, ANNAM.AI holds the potential to transform not just Indian agriculture but also contribute significantly to global food security and environmental conservation.

Role Summary

The Agricultural Professional, will contribute to the development, organization, validation, and continuous improvement of agriculture-focused knowledge systems at ANNAM.AI.
The role requires a strong academic foundation in agricultural sciences, an interest in evidence-based agricultural knowledge, attention to scientific accuracy, and an ability to understand the diversity of Indian cropping systems, farming practices, agro-climatic conditions, and regional agricultural contexts.
The selected candidate will work closely with interdisciplinary teams comprising agriculture specialists, researchers, data professionals, AI/technology teams, and field teams.
The role is particularly suitable for an agricultural professional who is interested in applying agricultural knowledge in research, digital agriculture, AI-enabled knowledge systems, and technology-driven agricultural applications.

Key Responsibilities

1. Contribute at Grade 3 to the development and improvement of evidence-based agricultural content, knowledge resources, and digital initiatives for farm advisory.
2. Research and curate relevant information on crops, farming practices, agricultural technologies, and allied agricultural areas.
3. Support the quality, accuracy, relevance, and contextual applicability of agriculture-related information and resources.
4. Contribute to crop-specific, regional, and domain-specific agricultural knowledge development.
5. Support agriculture-focused research and knowledge-development activities across diverse agricultural domains.
6. Provide agricultural inputs to multidisciplinary initiatives involving research, data, technology, AI, and digital applications.
7. Explore relevant agricultural and cross-domain applications, practices, and innovations to identify potential features, content, and opportunities for enhancing the digital farm advisory experience.
8. Participate in periodic field and community outreach visits to understand local agricultural contexts, farmer needs, and regional perspectives.
9. Contribute to co-creation and field-engagement activities by incorporating insights and feedback from farmers and relevant agricultural stakeholders.
10. Collaborate with agriculture, research, technology, data, and field teams to support project objectives.
11. Stay informed about developments in agriculture, agricultural research, farming practices, technologies, and digital agriculture.
12. Serve as the designated agricultural representative for the assigned state, supporting state-specific requirements, contextual updates, data needs, validation activities, and the incorporation of relevant developments into the repository and associated knowledge resources.
13. Validate agriculture-related data and knowledge content developed for the repository, ensuring its accuracy, relevance, completeness, consistency, and applicability to the intended crop, region, domain, and advisory context.

Candidate Profile

Educational Qualification

Candidates should have a Diploma, Bachelor's, or Master's degree in:

1. Agriculture
2. Agronomy
3. Soil Science
4. Entomology
5. Plant Pathology
6. Seed Science & Technology
7. Horticulture
8. Agricultural Extension

9. Agricultural Economics
10. Agricultural Engineering
11. Plant Breeding & Genetics

Or any other closely related agricultural discipline

The qualification must be from a recognized Agricultural Universities

Experience

3-5 years of relevant experience.

1. Graduates or Master's with a strong academic foundation in agricultural sciences are encouraged to apply.
2. Candidates with prior exposure to agricultural research, institutional projects, agricultural extension, field projects, knowledge management, agri-tech, or related activities will have an added advantage.
3. Internship, dissertation, project, research-assistant, fieldwork, or similar academic experience may also be considered relevant.

Required Skills & Competencies

Agricultural Knowledge

1. Strong fundamentals in agricultural sciences.
2. Understanding of Indian agriculture and diverse cropping systems.
3. Ability to understand agricultural practices across different crops and regions.
4. Ability to interpret technical agricultural information.

Research & Analytical Skills

1. Ability to conduct structured desk research.
2. Ability to identify and use credible sources.
3. Strong attention to factual accuracy and detail.
4. Ability to compare, organize, and synthesize information from multiple sources.
5. Logical and analytical approach to agricultural problems.

6. Technical content creation in the agriculture domain.

Communication Skills

1. Good written and verbal communication skills.
2. Ability to explain agricultural concepts clearly and accurately.
3. Ability to work with both technical and non-technical teams.
4. Proficiency in English reading, writing, articulation, and documentation is an essential skill

Regional Language

1. Proficiency in reading, writing, articulation, and documentation is an essential skill at least one relevant local or regional Indian language is essential for roles involving regional agricultural engagement.
2. Knowledge of additional Indian languages will be an added advantage.

Digital Skills

1. Basic proficiency in Zoho Workspace / MS Office / Google Workspace or equivalent productivity tools.
2. Ability to work with digital knowledge-management and data systems.
3. Comfort with learning new digital platforms and technology-enabled workflows.
4. Basic familiarity with AI, digital agriculture, data systems, or knowledge platforms will be an advantage, but is not mandatory.

Preferred Attributes

We are particularly interested in candidates who demonstrate:

1. Curiosity about agriculture and emerging agricultural technologies.
2. Strong interest in research and evidence-based knowledge.
3. Willingness to learn and work across disciplines.
4. Ability to work independently as well as collaboratively.
5. Attention to detail and commitment to scientific accuracy.
6. Openness to working with agriculture, AI, data, and technology teams.
7. Ability to understand both the technical and practical dimensions of Indian agriculture.
8. Willingness to work in a dynamic, project-driven environment.

What You Will Work On

Depending on project requirements, the selected candidate may contribute to areas such as:

1. Agricultural knowledge development

2. Crop-wise knowledge systems
3. Agriculture research and reference compilation
4. Agricultural content review and validation
5. Digital agriculture
6. AI-enabled agricultural knowledge systems
7. Agricultural datasets and knowledge repositories
8. Regional agriculture intelligence
9. Farmer-facing digital applications
10. Agricultural advisory knowledge systems
11. Data and knowledge quality assurance

Working Environment

The role involves collaboration across multiple disciplines. The selected candidate may work with:

Agriculture Experts → Researchers → Data Teams → AI/Technology Teams → Product Teams → Field Teams

The position therefore provides an opportunity to understand how agricultural domain knowledge can be translated into structured, technology-enabled knowledge systems for large-scale agricultural applications.

Selection Process

The selection process may comprise multiple stages, depending on the role, project requirements, and level of responsibility. The complete recruitment journey will be facilitated through **Anveshan**, an AI-powered interview platform Anveshan, designed to streamline candidate screening and assessment through intelligent, conversational interviews.

1. **Application Submission & Screening**
   Applications are reviewed against the defined eligibility and role requirements.
2. **Shortlisting**
   Candidates are shortlisted based on their qualifications, relevant experience, domain expertise, and role-specific requirements.
3. **Interview**
   Candidates participate in a structured interview to assess their suitability for the role.
4. **Foundation course for farm advisors**
   Completion of the Foundation Course is mandatory before proceeding to final onboarding.
5. **Document Submission & Due Diligence**
   Required documents and credentials are verified as part of the due-diligence process.
6. **Final Selection**
   Candidates who successfully complete the applicable stages are considered for final selection.

7. **Onboarding**
   Selected candidates complete the required onboarding formalities.
8. **Induction**
   New team members undergo an induction process covering the organisation, role expectations, workflows, and relevant project requirements.
9. **Training**
   Onboarded candidates will undergo a structured, module-based training programme for a stipulated period. The training will be designed to familiarise candidates with the organisation's processes, tools, domain requirements, role-specific responsibilities, and operational workflows.

Note: Only shortlisted candidates will be contacted for subsequent stages of the selection process.

Important Information

1. This is a project-driven role and the number of positions may vary depending on organizational and project requirements.
2. ANNAM.AI may increase or decrease the number of vacancies based on project requirements.
3. Candidates may be considered for different levels or roles based on their qualifications, experience, skills, and project requirements.
4. Only shortlisted candidates will be contacted.
5. The organization reserves the right to modify the recruitment process, timelines, or number of vacancies based on organizational requirements.
6. Submission of an application does not guarantee an interview or selection.

Equal Opportunity

ANNAM.AI is committed to providing an inclusive and professional working environment. Candidates are encouraged to apply based on their qualifications, skills, experience, and suitability for the role.

How to Apply

Interested candidates are invited to submit their application through the link provided below.

Submission Link: **Anveshan**

Please ensure that all information provided in the application is accurate and complete.

Applications will be reviewed on a rolling basis.

Senior Agriculture Professional

Organization: ANNAM.AI, Center of Excellence in AI for Agriculture, IIT Ropar
Position Type: Contractual
Experience: 5-7 Years
Education: Master's / Doctorate / Post-Doctorate in Agriculture or Allied Agricultural Sciences
Location: India / As per project requirements / Hybrid / Remote
Engagement: Full-time / Project-based
Compensation: ₹ 8.4 - 10.0 Lakhs per annum (Based on qualifications and experience)
Tenure: Initial appointment for 2 months, extendable up to 1 year

About ANNAM.AI

ANNAM.AI (Alliance for Next-Gen Nourishment through Agriculture Modernisation) is a transformative initiative established as a Centre of Excellence (CoE) under the Ministry of Education at the prestigious Indian Institute of Technology (IIT) Ropar. The CoE is dedicated to revolutionizing the agricultural landscape of India by integrating cutting-edge artificial intelligence (AI) technologies into sustainable farming practices. The name "Annam" itself symbolizes nourishment and the sustenance of life, reflecting its mission to ensure food security while promoting eco-friendly and efficient agricultural solutions deploying AI. ANNAM.AI aspires to address critical challenges in agriculture, such as resource optimization, nature-inspired enhanced pollination, and real-time decision-making for farmers in their own language. By fostering interdisciplinary research, the CoE aims to bridge the gap between advanced technology and traditional farming, empowering farmers with data-driven tools to enhance productivity and sustainability. The initiative underscores India's commitment to leveraging AI for societal benefit and positions the country as a global frontrunner in agricultural innovation. With its vision to combine technology and tradition, ANNAM.AI holds the potential to transform not just Indian agriculture but also contribute significantly to global food security and environmental conservation.

Role Summary

The Senior Agricultural Professional will provide paramount domain expertise and authoritative guidance for the development, validation, quality assurance, auditing, and continuous improvement of agriculture-focused knowledge systems, repositories, datasets, and digital farm advisory initiatives at ANNAM.AI. The role requires a strong academic and professional foundation in agricultural sciences, established domain expertise, and an ability to assess and validate agricultural knowledge for scientific accuracy, contextual relevance, completeness, consistency, and practical applicability across diverse Indian cropping systems, farming practices, agro-climatic conditions, regional contexts, and vernacular requirements. The selected candidate will work closely with interdisciplinary teams comprising agriculture specialists, researchers, data professionals, AI/technology teams, and field and stakeholder teams, while building and strengthening connections with KVKs, agricultural universities, ICAR institutions, government agriculture departments, and other relevant institutions. The role is particularly suitable for an experienced agricultural professional interested in expert validation, quality assurance

and audits, knowledge leadership, regional and institutional engagement, capacity building, research, digital agriculture, AI-enabled knowledge systems, and evidence-based farm advisory.

Key Responsibilities

1. Provide senior-level domain expertise and authoritative guidance for the development, validation, and continuous improvement of evidence-based agricultural content, knowledge resources, and digital farm advisory initiatives.
2. Serve as a post-curation validator for agricultural data, knowledge, and repository content, ensuring scientific accuracy, contextual relevance, completeness, consistency, and applicability.
3. Lead and oversee agricultural data quality assurance processes, including routine quality reviews, validation checks, anomaly identification, correction, and periodic data quality audits across assigned domains.
4. Review and validate crop-specific, region-specific, practice-specific, and domain-specific agricultural knowledge to ensure alignment with credible scientific, institutional, and field-based evidence.
5. Provide expert inputs for decision-making on complex or high-impact agricultural questions, knowledge gaps, data interpretation, advisory logic, local dialect, vernacular terminologies and domain-specific issues requiring specialised expertise.
6. Guide the development and refinement of agricultural knowledge frameworks, standards, taxonomies, validation criteria, and quality benchmarks used across repositories, datasets, and digital advisory systems.
7. Advise multidisciplinary teams across agriculture, research, data, technology, AI, and digital applications on domain-specific requirements, risks, interpretations, and opportunities for improving the quality and effectiveness of agricultural solutions.
8. Evaluate emerging agricultural practices, technologies, innovations, research findings, and cross-domain applications to identify their relevance, credibility, potential use cases, and opportunities for incorporation into digital farm advisory systems.
9. Participate in field, farmer, stakeholder, and community engagement activities at relevant intervals to strengthen the contextual understanding of agricultural practices, regional realities, farmer needs, and emerging field-level challenges.
10. Contribute to the co-creation and continuous improvement of agricultural knowledge and advisory systems by integrating expert assessment, field insights, farmer feedback, and stakeholder perspectives.
11. Networking in domain-focused knowledge-sharing initiatives, expert forums, and global talk series, including delivering sessions, presentations, and discussions within areas of established agricultural expertise.

12. Support knowledge leadership by identifying emerging developments, research directions, technologies, and evolving agricultural priorities relevant to assigned domains and translating them into actionable knowledge inputs for digital agriculture initiatives.
13. Mentor and guide junior and mid-level agriculture professionals in domain-specific research, content development, validation, quality assurance, and interpretation of agricultural information.
14. Establish and uphold high standards of scientific and domain integrity across agricultural knowledge assets, ensuring that repository and advisory content remains reliable, traceable, current, and fit for intended use.
15. Stay abreast of advances in agriculture, agricultural research, climate-resilient practices, agricultural technologies, digital agriculture, and global developments relevant to the assigned domain, and incorporate appropriate insights into organisational knowledge and advisory initiatives.
16. Establish and strengthen institutional connections with relevant public-sector and government agricultural bodies, including KVKs, State and Central Agricultural Universities, ICAR institutions, State/Central Agriculture Departments and other aligned organizations as per project requirements.
17. Serve as the designated agricultural expert/ resource person for the assigned region or division, supporting state-specific requirements, contextual updates, data needs, validation activities, and the incorporation of relevant developments into the repository and associated knowledge resources.
18. Lead capacity-building initiatives for the agriculture team through structured knowledge-sharing, technical sessions, mentoring, training, and guidance on domain-specific research, content development, validation, data quality, and emerging agricultural developments.

Candidate Profile

Educational Qualification

Candidates should have a Master's / Doctorate / Post-Doctorate in:

1. Agriculture
2. Agronomy
3. Soil Science
4. Entomology
5. Plant Pathology
6. Seed Science & Technology
7. Horticulture
8. Agricultural Extension
9. Agricultural Economics
10. Agricultural Engineering
11. Plant Breeding & Genetics

Or any other closely related agricultural discipline

The qualification must be from a recognized Agricultural Universities

Experience

5–7 years of relevant experience.

1. Master's Doctorates or Post- Doctorates with a strong academic foundation in agricultural sciences are encouraged to apply.
2. Candidates with prior exposure to agricultural research, institutional projects, agricultural extension, field projects, knowledge management, agri-tech, Digital Public Infrastructure (DPI), public-good digital initiatives, or related activities across government, public-sector, private-sector, research institutions, laboratories, universities, or other agricultural organisations will have an added advantage.
3. Dissertation, project, research-assistant, fieldwork, or similar academic experience may also be considered relevant.

Required Skills & Competencies

Agricultural Knowledge

1. Strong fundamentals in agricultural sciences.
2. Understanding of Indian agriculture and diverse cropping systems.
3. Ability to understand agricultural practices across different crops and regions.
4. Ability to interpret technical agricultural information.

Research & Analytical Skills

1. Ability to conduct structured desk research.
2. Ability to identify and use credible sources.
3. Strong attention to factual accuracy and detail.
4. Ability to compare, organize, and synthesize information from multiple sources.
5. Logical and analytical approach to agricultural problems.
6. Technical content creation in the agriculture domain.

Communication Skills

1. Good written and verbal communication skills.
2. Ability to explain agricultural concepts clearly and accurately.
3. Ability to work with both technical and non-technical teams.
4. Proficiency in English reading, writing, articulation, and documentation is an essential skill

Regional Language

1. Proficiency in reading, writing, articulation, and documentation is an essential skill at least one relevant local or regional Indian language is essential for roles involving regional agricultural engagement.
2. Knowledge of additional Indian languages will be an added advantage.

Digital Skills

1. Basic proficiency in Zoho Workspace / MS Office / Google Workspace or equivalent productivity tools.
2. Ability to work with digital knowledge-management and data systems.
3. Comfort with learning new digital platforms and technology-enabled workflows.
4. Basic familiarity with AI, digital agriculture, data systems, or knowledge platforms will be an advantage, but is not mandatory.

Preferred Attributes

We are particularly interested in candidates who demonstrate:

1. Curiosity about agriculture and emerging agricultural technologies.
2. Strong interest in research and evidence-based knowledge.
3. Willingness to learn and work across disciplines.
4. Ability to work independently as well as collaboratively.
5. Attention to detail and commitment to scientific accuracy.
6. Openness to working with agriculture, AI, data, and technology teams.
7. Ability to understand both the technical and practical dimensions of Indian agriculture.
8. Willingness to work in a dynamic, project-driven environment.

What You Will Work On

Depending on project requirements, the selected candidate may contribute to areas such as:

1. Agricultural knowledge development
2. Crop-wise knowledge systems
3. Agriculture research and reference compilation
4. Agricultural content review and validation
5. Digital agriculture
6. AI-enabled agricultural knowledge systems

7. Agricultural datasets and knowledge repositories
8. Regional agriculture intelligence
9. Farmer-facing digital applications
10. Agricultural advisory knowledge systems
11. Data and knowledge quality assurance

Working Environment

The role involves collaboration across multiple disciplines. The selected candidate may work with:

Agriculture Experts → Researchers → Data Teams → AI/Technology Teams → Product Teams → Field Teams

The position therefore provides an opportunity to understand how agricultural domain knowledge can be translated into structured, technology-enabled knowledge systems for large-scale agricultural applications.

Selection Process

The selection process may comprise multiple stages, depending on the role, project requirements, and level of responsibility. The complete recruitment journey will be facilitated through **Anveshan**, an AI-powered interview platform Anveshan, designed to streamline candidate screening and assessment through intelligent, conversational interviews.

1. **Application Submission & Screening**
   Applications are reviewed against the defined eligibility and role requirements.
2. **Shortlisting**
   Candidates are shortlisted based on their qualifications, relevant experience, domain expertise, and role-specific requirements.
3. **Interview**
   Candidates participate in a structured interview to assess their suitability for the role.
4. **Foundation course for farm advisors**
   Completion of the Foundation Course is mandatory before proceeding to final onboarding.
5. **Document Submission & Due Diligence**
   Required documents and credentials are verified as part of the due-diligence process.
6. **Final Selection**
   Candidates who successfully complete the applicable stages are considered for final selection.
7. **Onboarding**
   Selected candidates complete the required onboarding formalities.
8. **Induction**
   New team members undergo an induction process covering the organisation, role expectations, workflows, and relevant project requirements.

9. **Training**
   Onboarded candidates will undergo a structured, module-based training programme for a stipulated period. The training will be designed to familiarise candidates with the organisation's processes, tools, domain requirements, role-specific responsibilities, and operational workflows.

Note: Only shortlisted candidates will be contacted for subsequent stages of the selection process.

Important Information

1. This is a project-driven role and the number of positions may vary depending on organizational and project requirements.
2. ANNAM.AI may increase or decrease the number of vacancies based on project requirements.
3. Candidates may be considered for different levels or roles based on their qualifications, experience, skills, and project requirements.
4. Only shortlisted candidates will be contacted.
5. The organization reserves the right to modify the recruitment process, timelines, or number of vacancies based on organizational requirements.
6. Submission of an application does not guarantee an interview or selection.

Equal Opportunity

ANNAM.AI is committed to providing an inclusive and professional working environment. Candidates are encouraged to apply based on their qualifications, skills, experience, and suitability for the role.

How to Apply

Interested candidates are invited to submit their application through the link provided below.

Submission Link: **Anveshan**

Please ensure that all information provided in the application is accurate and complete.

Applications will be reviewed on a rolling basis.

RECRUITMENT ADVERTISEMENT

100+ Agriculture Specialists – Rolling Advertisement

Advertisement should state

Hiring: 100+ Agriculture Professionals across the Country.

Level 0 : Young Agriculture Professional

Level 1 : Junior Agriculture Professional

Level 2 : Agriculture Professional

Level 3 : Senior Agriculture Professional

The advertisement should clearly mention that:

- Recruitment is rolling.
- The number of vacancies may change.
- Recruitment will continue based on project requirements.
- Only shortlisted candidates will be contacted.
- The organization may increase/decrease the number of positions depending on project requirements.

Mandatory protective statements

Include these two concepts:

1. Vacancy flexibility

> The number of vacancies may be increased or decreased depending on organizational/project requirements and management discretion.

2. Shortlisting

> Only shortlisted candidates will be contacted for the next stage of the selection process.


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INDIAN INSTITUTE OF TECHNOLOGY ROPAR
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CAREERS FOR A GREENER TOMORROW
100+
Agriculture Professionals
Rolling Recruitment • Across India
Build agricultural knowledge, digital farm advisory, data, research and technology solutions for a stronger, food-secure India.
Level 0
Young Agriculture Professional
Level 1
Junior Agriculture Professional
Level 2
Agriculture Professional
Level 3
Senior Agriculture Professional
ROLLING RECRUITMENT
Applications are considered on a rolling basis as project requirements evolve.
APPLY NOW
Applications considered on a rolling basis.
The number of vacancies may be increased or decreased depending on organizational/project requirements and management discretion.
Only shortlisted candidates will be contacted for the next stage of the selection process.
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