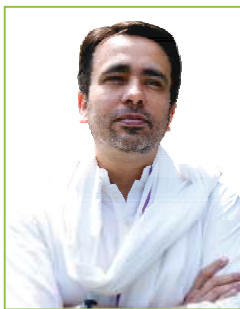


*“Sowing skills...
...Harvesting opportunities”*



AGRICULTURE SKILL COUNCIL OF INDIA
GURUGRAM, HARYANA



“ We are working towards making lifelong learning a fundamental necessity for young talent and exposing individuals to diverse skill sets from the school level, which is a vital step in this direction aligning with the new National Education Policy.”

Shri Jayant Chaudhary

Hon'ble Minister of State (Independent Charge), Ministry of Skill Development and Entrepreneurship and Minister of State, Ministry of Education, Government of India



Agriculture Skill Council of India

Agriculture Skill Council of India (ASCI) is working under the aegis of Ministry of Skill Development and Entrepreneurship (MSDE) to build capacity in Agriculture and allied sectors by bridging the skill gaps and upskilling the existing and prospective workforce. We work closely with National Skill Development Corporation (NSDC) to improve the livelihoods of farmers, farm and wage workers, self-employed and extension workers engaged in various organized and unorganized segments. This includes:



Farming

- ✦ Farm Mechanization and Precision Farming
- ✦ Amenity Horticulture and Landscaping
- ✦ Production Horticulture
- ✦ Agriculture Crop Production
- ✦ Post-Harvest Supply Chain Management
- ✦ Agriculture Inputs viz. Seeds, Pesticides and Fertilizer
- ✦ Soil Health Management
- ✦ Commodity Management
- ✦ Agri-Entrepreneurship and Rural Enterprises
- ✦ Agri-Information Management



Animal Husbandry, Dairy & Fisheries

- ✦ Dairy Farm Management
- ✦ Poultry Farm Management
- ✦ Fishery (Marine, Inland and Aquaculture)
- ✦ Animal Husbandry



Rural Development

- ✦ Barefoot Technician
- ✦ Watershed Management
- ✦ Agroforestry
- ✦ Non-Timber Forest Produce



Other Allied Segments

- ✦ Beekeeping
- ✦ Sericulture
- ✦ Mushroom Growing
- ✦ Vermicomposting





Vision

Creating a sustainable industry-aligned ecosystem for robust skill and entrepreneurship development in Agriculture and Allied Sectors



Objectives

- ▲ Facilitating demand-driven training as per industry requirements in agriculture and allied sectors by adopting global best practices
- ▲ Developing Qualification Packs (QPs), National Occupational Standards (NOS) and Micro Credentials as per industry standards for various job roles in compliance with NSQF
- ▲ Cluster specific skill development plans to cater to unique geographic needs
- ▲ Training of Trainers (ToT), Master Trainers and Training of Assessors (ToA) to equip them with latest knowledge and skills
- ▲ Affiliation, accreditation, assessment and certification of Vocational Institutes/ Programs in compliance with standard norms
- ▲ Advocacy and promotion of skill-based vocational education and training
- ▲ Development of skills inventory to facilitate individual choices and learning paths
- ▲ Establishing systematic Labour Market Information System (LMIS) to forecast demand for skilled workforce and current job roles



What We Do?

Awarding Body:

Assessment and Certification

- ▲ Develop Standard Operating Procedure (SOP) for conducting assessment
- ▲ Develop assessment criteria and question banks
- ▲ Certification of candidates after successful completion of training

Standards Development

- ▲ Detailed specification of desired performance in a job role by describing the knowledge and skills in the form of QPs and NOS
- ▲ Training curriculum, content development and assessments as per QP-NOS, in compliance with NSQF

Sector Skill Council:

Skill Demand Analysis

- ▲ Analysis of sector-specific needs and demands by identifying the skill gaps
- ▲ Analyse and share information for the benefit of all stakeholders in the ecosystem

Affiliation and Accreditation

- ▲ Evaluation of training partner's proposal and award affiliation
- ▲ Develop training curriculum based on specific NOS
- ▲ Assist training partners to deliver quality training

Centres of Excellence

- ▲ Assess agriculture sector skill gaps and partner with industry leaders, academic institutions and research organizations to establish Centres of Excellence equipped with modern training infrastructure.
- ▲ Develop, standardize and periodically monitor CoE performance to ensure continuous improvement, industry relevance and scalable best-practice dissemination.

Apprenticeship

- ▲ Design and implement agriculture-specific apprenticeship programs under the National Apprenticeship Promotion Scheme (NAPS), coordinating with agribusinesses and cooperatives to facilitate apprentice registration, contract generation and monitoring of engagement in Agriculture trades.
- ▲ Conduct NOS-aligned assessments and periodic workplace evaluations and generate performance reports to drive continuous improvement and industry relevance.

Placements

- ▲ Enable Agri & Allied employers participation in Rozgar Melas and job fairs by guiding them through portal registration, slot allocation and event specific requirements to engage directly with certified candidates under PMKVY and other schemes.



Our Beneficiaries

Industry

- Industry-ready workforce trained as per job roles
- Option to engage youth as apprentices
- Recognition of prior informal learning (RPL)
- Enhanced productivity and quality output
- Application of latest research findings and technology
- Attract and retain workforce through career paths

Employees

- Improved employability through right qualifications
- Recognition of skills and competencies through RPL
- Improved career progression
- Retooling of competencies and transferability of skills
- Multi-skills development, leading to increased job security

Farmers

- Improved income and greater productivity
- Access to latest technologies for efficiency and quality
- Reduced risk of natural calamities
- Development of entrepreneurial abilities
- Access to information, credit and market linkages
- Continuous learning through digital devices

Academia

- Awareness about vocational options from school level
- Institution-industry collaboration opportunities
- Industry-driven research and application of findings
- Enhanced employability options for students
- Earn-while-you-learn and apprenticeships



Students/Unemployed Youth

- Opportunity to acquire skills that get them jobs
- Motivate and mobilize dropouts for training and placement
- Create interest in Agriculture and allied sectors as career destinations
- Encourage self-employment and development of entrepreneurial skills
- Provide long-term career opportunities through upskilling and reskilling



ASCI - ECOSYSTEM

Partners & Centres	Educational Institutions / Partners	Standards, Curriculum & Content	Trainings
720 Training Partners	3,713 schools across 23 States	165 Qualification Packs	Training in 28 States & 6 UTs
952 Training Centers	51 Agriculture Universities	165 Model Curriculum	Trained : 15,81,226
12,645 Certified Trainers	11 CSIR Institutes	165 Participant Handbooks	Assessed : 12,98,478
1,224 Certified Assessors		165 Facilitator Guides	Certified : 11,78,110
548 Industry / Associate Members		90 Assessor Guides	Training & Assessments in 13 Languages
10 Assessment Bodies		31 Assessment Blueprints	



Schemes Implemented by ASCI

Pradhan Mantri Kaushal Vikas Yojana (PMKVY)

PMKVY is the flagship scheme of Ministry of Skill Development and Entrepreneurship that aims to equip the workforce with industry-relevant skills and enhance employability through modern training methodologies. PMKVY 4.0, the latest phase of this scheme, emphasizes continuous skill development to ensure that training programs meet the evolving demands of various sectors, fostering a competitive and skilled labor force.

Within the agriculture & allied sectors, ASCI has played a crucial role in implementing PMKVY 4.0. As a result, more than 1 lakh candidates have been trained across more than 50 Job Roles in the agriculture sector, marking a significant milestone in efforts to bridge skill gaps, boost productivity, and promote sustainable development in rural communities. To strengthen the program's effectiveness, ASCI has collaborated with renowned industries such as Mahindra & Mahindra and Godrej Agrovet Aqua Feed (GAVL) for Upskilling of agriculture workers. The Upskilling RPL initiative is designed to formally recognize and enhance the skills of workers who already possess practical experience in agriculture but lack formal certification. By partnering with key industry players, the program ensures that workers gain skills that are directly applicable to their roles in the agricultural value chain, improving their employability and advancing their careers.



Training on Freshwater Aquaculture Farmer in Samra, West Bengal



Training on Tractor Service Mechanic in Nagpur, Maharashtra

PM Vishwakarma Scheme

Launched on September 17, 2023, the PM Vishwakarma Scheme is a Central Sector initiative aimed at improving the skills and livelihoods of artisans across 18 trades. It focuses on modernizing traditional practices, with significant benefits for trades like fishing net making in coastal regions. By its one-year milestone on September 20, 2024, the scheme registered over 20 lakh artisans, conducted 8 lakh skill training sessions, and approved Rs. 1,400 crore in financial assistance for 1.6 lakh artisans. Hon'ble Prime Minister Shri Narendra Modi distributed certificates and identity cards to one lakh artisans, reinforcing the government's support for traditional skills. ASCI's Fishing Net Maker trade has achieved notable milestones, with 64,000 artisans skill-assessed on Day 0 and 47,000 artisans completing training, assessment, and certification by Day 6, boosting their expertise and employability.



Hon'ble PM interacting with "Fishing Net Maker" trade mentor and artisan, at the exhibition on Sept 17th, 2023



Hon'ble PM interacting with Fishing Net Makers on Sept 20th, 2024

Collaboration with the Government Departments and Institutions

Ministry of Agriculture and Farmers' Welfare (MoA&FW) & ICAR

Under the Rashtriya Krishi Vikas Yojana (RKVY), a collaborative effort between the Ministry of Agriculture and Farmers' Welfare (MoA&FW), ICAR, and other key institutions has resulted in the involvement of 481 institutes, including Krishi Vigyan Kendras (KVKs), State Agricultural Universities (SAUs), Department of Animal Husbandry and Dairying (DADF), Department of Agriculture Cooperation (DAC), and ICAR institutes. Through this collaboration, ASCI has successfully trained over 63,000 candidates across 79 job roles, significantly enhancing the skills of the agricultural workforce. Furthermore, under the Mission for Integrated Development of Horticulture (MIDH) scheme, ASCI has trained more than 12,000 candidates across 17 job roles, strengthening the horticulture sector. ASCI continues to collaborate closely with all divisions of MoA&FW to ensure the successful implementation and growth of these initiatives, aiming to improve livelihoods and promote sustainable agricultural practices.



Ministry of Fisheries, Animal Husbandry & Dairying

Dedicated to enhancing the fisheries, animal husbandry, and dairying sectors, the Ministry of Fisheries, Animal Husbandry & Dairying plays a key role in promoting sustainability and improving livelihoods. ASCI has worked closely with the Ministry to develop 46 qualifications across areas such as Dairying, Livestock, Animal Health, Poultry, Fisheries, and Small Ruminants, ensuring they meet industry standards and cater to sector-specific needs.



In collaboration with the National Fisheries Development Board (NFDB), ASCI has successfully up-skilled 12,500 Aquaculture Farmers and Marine Capture Fishermen and also jointly organized the upskilling of 10,000 farmers under the Tribal Sub Plan of PMMSY, focusing on the SC/ST community through various Fisheries and Aquaculture courses. ASCI has also partnered with the National Dairy Development Board (NDDB) to enhance skill development in the dairy and livestock sectors, further contributing to the growth and sustainability of these industries.



Interventions in School Education

ASCI has introduced NSQF based programs for schools from class 9th to class 12th (equivalent to NSQF Level 4) in collaboration with various state governments under Samagra Shiksha of Ministry of Education, Government of India. ASCI facilitates training as per Qualification Packs (QPs), conducts assessments and certification of students apart from supporting State Education Boards.



State	No. of Schools	State	No. of Schools
Madhya Pradesh	522	Kerala	160
Maharashtra	216	Telangana	80
Himachal Pradesh	227	Sikkim	30
Odisha	201	Goa	55
Chhattisgarh	131	Gujarat	460
Punjab	135	Uttarakhand	68
Assam	507	Tripura	98
Andhra Pradesh	142	Ladakh	6
Jammu & Kashmir	42	Nagaland	44
Rajasthan	437	Mizoram	20
Jharkhand	88	Andaman & Nicobar Islands	7
Meghalaya	37		
Total 3,713 schools are running Agriculture courses in 23 states			



Training of Trainers and Master Trainers

ASCI organizes Training of Trainers (ToT) and Training of Master Trainers (ToMT) Programs on a regular basis for various job roles across different geographical regions aiming to improve training delivery skills in the sector of their preference in alignment with NSQF

How ToT program helps Trainers

- Understand and identify parts of a NOS in domain QP and trainee handbook
- Follow quality systems, ethics and safety practices for effective training
- Determine professional development needs and prepare a development plan
- Design, plan and deliver competency-based training sessions
- Demonstrate effective training delivery tailored for learner needs
- Identify, support and coach learners with special needs

How ToMT program helps Master Trainers

- Develop and enhance training, facilitation and learning practices
- Facilitate learning sessions; reflect and improve practice through evaluation
- Facilitate use of appropriate training methods, learning techniques and use of ICT

Number of ToT & ToMT Programs	587
Number of Trainers Certified	12,645



Recent Collaborations



National Dairy Development Board (NDDB) and ASCI signed a Memorandum of Understanding (MoU) to strengthen skill development in the dairy sector. The signing ceremony was attended by Dr. Satender Arya, CEO-ASCI, and Shri Lalit Prasad Karan, Senior General Manager-NDDB, in the presence of Dr. Meenesh Shah, Chairman-NDDB. This collaboration aims to enhance the knowledge base, identify skill gaps, design capacity-building initiatives, and implement training programs to support stakeholders in the dairy industry.

ASCI has partnered with the Horticulture Training Institute (HTI) in Karnal by signing a Memorandum of Understanding (MoU) to establish a prestigious National Level Centre of Excellence for Horticulture Skills. The MoU was exchanged between CEO-ASCI and Mr. Arjun Saini, Director General of the Department of Horticulture, in the esteemed presence of Shri Sudhir Rajpal, Additional Chief Secretary, Government of Haryana. This strategic collaboration aims to elevate the standards of horticulture skills and foster excellence within the sector.



ASCI signed a Memorandum of Understanding (MoU) with the Government of Assam to establish a Centre for Excellence in Dairy Skill Development and Innovation. This initiative aims to support the dairy industry in the North Eastern region. As part of this effort, ASCI's CEASI team is developing a dedicated facility in Guwahati, equipped with office space, smart classrooms, dormitories, guest rooms, and a functional kitchen to enhance training and workshop experiences.

- ✦ CSIR-Human Resource Development Centre (CSIR-HRDC) and ASCI formalized a strategic partnership through an MoU to advance skill development in the agricultural sector.
- ✦ ASCI and National Collateral Management Limited (NCML) collaborated on several aspects to cover RPL, Short Term Training, Apprenticeship and Industry validations.
- ✦ MoU with Haryana State Industrial & Infrastructure Development Corporation (HSIIDC) for conducting short-term training for youth of Haryana.
- ✦ MoU with IGNOU to offer NSQF-based skilling programs and set up skill development centers along with support for capacity building.
- ✦ MoU with Nempact, a placement agency that provides assistance to affiliated Training Partners of ASCI for pan-India placement of skilled candidates.
- ✦ ASCI signed MoU with Patanjali Bio Research Institute at Haridwar and launched Recognition of Prior Learning program for 40,000 farmers in Organic Farmer and Group Farming Practitioner job roles.



Collaboration with Academic Institutions

Agriculture / Horticulture Universities:

1. Punjab Agriculture University (PAU), Ludhiana
2. Tamil Nadu Agriculture University (TNAU), Coimbatore
3. Orissa University of Agriculture & Technology (OUAT), Bhubaneswar
4. University of Horticultural Sciences (UHS), Bagalkot
5. Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur Chhattisgarh
6. University of Agricultural & Horticultural Sciences (UAHS), Shimoga
7. Central Agricultural University (CAU), Manipur
8. Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad
9. Chaudhary Charan Singh Haryana Agricultural University (CCSHAU), Hisar
10. Banda University of Agriculture & Technology (BUAT), Banda
11. Maharana Pratap University of Agriculture & Technology (MPUAT), Udaipur
12. Navsari Agricultural University (NAU), Navsari
13. Bihar Agriculture University (BAU), Sabour, Bhagalpur
14. G B Pant University of Agriculture & Technology (GBPU&AT), Pantnagar
15. Birsa Agricultural University (BAU), Ranchi
16. Dr. YSR Horticultural University (Dr. YSRHU), Andhra Pradesh
17. Dr. Yashwant Singh Parmar University of Horticulture & Forestry (YSPUHF), Solan
18. University of Agricultural Sciences (UAS), Dharwad
19. Kerala Agricultural University (KAU), Kerala
20. Jawaharlal Nehru Krishi Vishwa Vidyalaya (JNKVV), Jabalpur
21. Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya (RVSKVV), Gwalior
22. CSK Himachal Pradesh Krishi Vishwavidyalaya (CSK HPKV), Palampur
23. Bidhan Chandra Krishi Vishwavidyalaya (BCKV), West Bengal
24. Acharya N.G. Ranga Agricultural University (ANGRAU), Guntur
25. Swami Keshwanand Rajasthan Agricultural University (SKRAU), Bikaner
26. Sardar Vallabhbhai Patel University of Agriculture & Technology (SVPUAT), Meerut
27. Junagadh Agricultural University (JAU), Junagadh
28. Sri Karan Narendra Agriculture University (SKNAU), Jobner
29. Assam Agricultural University (AAU), Jorhat
30. Maharana Pratap Horticultural University (MHU), Karnal
31. Narendra Deva University of Agriculture & Technology (NDUAT), Faizabad
32. University of Agricultural Sciences, Raichur
33. Indian Institute of Horticultural Research, Bengaluru
34. Dr. Balasaheb Sawant Konkan Vidyapeeth, Dapoli

Veterinary / Animal Sciences/Fisheries Universities

1. Guru Angad Dev Veterinary & Animal Sciences University (GADVASU), Ludhiana
2. Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai
3. Tamil Nadu Fisheries University (TNFU), Nagapattinam
4. West Bengal University of Animal & Fishery Sciences (WBUAFS), Kolkata
5. U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go Anusandhan Sansthan (DUVASU), Mathura
6. Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur
7. Kerala Veterinary & Animal Sciences University (KVASU), Kerala
8. Sri Venkateswara Veterinary University (SVVU), Tirupati
9. Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar
10. Rajasthan University of Veterinary & Animal Sciences (RAJUVAS), Bikaner
11. Nanaji Deshmukh Veterinary Science University (NDVSU), Jabalpur
12. The National Dairy Research Institute (NDRI), Karnal
13. Karnataka Veterinary, Animal & Fisheries Sciences University (KVAFSU), Karnataka
14. Central Institute of Fisheries Education (CIFE), Mumbai
15. Chhattisgarh Kamdhenu Vishwavidyalaya (CGKV), Anjora
16. Bihar Animal Sciences University (BASU), Patna
17. Kerala University of Fisheries & Ocean Studies (KUFOS), Kochi

CSIR

1. CSIR-Human Resource Development Centre (CSIR-HRDC), Ghaziabad
2. CSIR- National Institute of Oceanography (CSIR-NIO), Goa
3. CSIR- Institute of Himalayan Bioresource Technology (CSIR-IHBT), Palampur
4. CSIR- Indian Institute of Toxicology Research (CSIR-IITR), Lucknow
5. CSIR- Central Scientific Instruments Organization (CSIR-CSIO), Chandigarh
6. CSIR- National Botanical Research Institute (CSIR-NBRI), Lucknow
7. CSIR- Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu
8. CSIR- Advanced Material & Processes Research Institute (CSIR-AMPRI), Bhopal



Qualification Packs (QPs) and National Occupational Standards (NOS)

ASCI envisions to upgrade skills of cultivators, direct and indirect labor engaged in organized and unorganized Agriculture and Allied Industry through standardized training on the NOS' developed in line with the industry needs. Keeping in view the current and emerging needs of the nation/industry, ASCI has developed **143** Qualification Packs in different segments giving emphasis to new generational Job Roles.

Farm Mechanization & Precision Farming					
SN	Name of Active Qualification	Level	SN	Name of Active Qualification	Level
1	Precision Farming Technician	5.0	39	Banana Farmer cum Primary Processor	3.0
2	Micro-Irrigation Technician	4.0	40	Tea Maker (Production)	4.0
3	Solar Pump Technician	4.0	41	Tea Factory Assistant	4.0
4	Greenhouse Operator (Option: Small Enterprise)	3.0	42	Flower Packager and Palletizer	2.5
5	Irrigation Pump Technician (Small Capacity)	4.0	43	Solanaceous Crop Cultivator	3.0
6	Tractor Operator	4.0	44	Design and Construct Vertical Garden	4.0
7	Kisan Drone Operator	3.0	45	Makhana Grower cum Processor Options: Makhana Products	4.0
8	Repair and Maintenance Supervisor (Farm Machinery)	5.0	46	Essential Oil Extractor	3.0
9	Custom Hiring Centre In-Charge (Agri Machinery)	5.0	47	Floriculturist (Electives: Rose/ Gerbera/ Chrysanthemum/ Orchid/ Marigold)	4.0
10	Agriculture Machinery Demonstrator	5.0	48	Tea Plantation Worker	3.0
11	Harvesting Machinery Operator (Option: Post-Harvest Machineries Operation)	4.0	49	Vegetable Grower (Electives: Cole Crops/ Leafy Vegetables/Underground Crops (Bulb, root, Tuber)/Cucurbit Crops/Solanaceous Crops/Legume Vegetables /Okra)	4.0
12	Combine Harvester Machine Operator	4.0	50	Vineyard Grower	4.0
13	Tractor Service Mechanic (Option: Repair and Maintenance of Fam Implements)	4.0	51	Technician- Coir Grow Media	4.0
14	Repair and Maintenance Technician (Farm Machinery)	4.0	52	Fundamentals of Export Norms for Horticultural and High Value Crops	4.0
15	Power Tiller Operator	3.0	53	Spice Crop Cultivator (Electives: Herbal Spices/ Seed Spices/ Tree Spices/ Rhizomatous Spices/ Oil Yielding Spices/ Pod Spices/ Berry Spices/ Saffron)	4.0
16	Satellite Data Analysis for Crop Management	4.0	Amenity Horticulture & Landscaping		
17	Practicing Agrivoltaic Farming	4.0	54	Professional Gardening and Nursery Management	4.5
18	Horticulturist (Protected Cultivation) (Electives: Hi-Tech Nursery, Vegetable, Flower)	5.0	55	Master Gardener	4.0
19	Repair & Maintenance of Solar Powered Farm Equipment/ Machinery	4.0	56	Plant Nursery Associate	3.0
20	Introduction to Operating Solar Powered Appliances for Post-Harvest Operations	3.5	57	Hydroponics Technician	4.0
Agriculture Crop Production			58	Assistant Gardener	3.0
21	Cotton Cultivator	3.0	59	Gardener cum Nursery Raiser	4.0
22	Fundamentals of On-Farm Strategies to Mitigate Climate Risks	4.0	Agri-Information Management		
23	Organic Grower	4.0	60	Digital Agriculture Extension Promoter (Elective: Farm Production, Agri Supply Chain)	5.5
24	Pulses Cultivator	4.0	61	Agri Extension in DRE Applications & Financing	4.0
25	Essentials of Sustainable Usage of Fertilizer and Soil Ameliorants	4.0	62	Krishi Sahayak	3.0
26	Paddy Farmer	3.0	63	Agriculture Extension Service Provider	4.0
27	Pesticide & Fertilizer Applicator	2.5	64	Agriculture Field Officer	4.0
28	Organic Farm And Business Promoter	5.0	Animal Husbandry & Livestock		
29	Integrated Farming Practitioner	4.0	65	Artificial Insemination Technician (Option: Program Implementation and Livestock Marketing)	4.0
30	Sugarcane Cultivator	3.0	66	Goat/Sheep Farmer (Option: Sheep Shearing)	3.0
31	Oilseed Crop Grower (Elective: Soybean, Groundnut, Mustard)	4.0	67	Livestock Green Management Promoter	4.0
32	Cereal Crop Grower (Electives: Wheat, Rice, Maize, Millet)	3.0	68	Practicing one Health Approach (Livestock)	4.0
Production Horticulture			69	Fundamentals of Livestock Marketing Practices	4.0
33	Coffee Plantation Worker	3.0	70	Piggery Farmer	3.0
34	Medicinal and Aromatic Plants Grower	4.0	71	Livestock Service Provider (Options: Program Implementation and Livestock Marketing, Small Farm Animal Breeding)	4.0
35	Coconut Grower cum Primary Processor	4.0			
36	Florist	2.5			
37	Plantation Worker (Option: Oilpalm, Palmyrah, Areca nut and Betelvine, Cocoa, Cashew Nut)	3.0			
38	Tropical/Sub-tropical Fruit Grower (Options: Pomegranate/ Guava/ Ber/ Mango/ Banana/Citrus Fruits)	4.0			

Dairy Farm Management		
SN	Name of Active Qualification	Level
72	Dairy Farmer/ Entrepreneur	4.0
73	Village Level Milk Collection Center Incharge	4.0
74	Bulk Milk Cooler (BMC) Operator	4.0
75	Chilling Plant Technician	4.0
76	Dairy Farm Supervisor	5.0
77	Dairy Worker	3.0
78	Milk Procurement & Input Supervisor	5.0
Poultry Farm Management		
79	Small Poultry Farmer	4.0
80	Poultry Hatchery Operator	3.0
81	Poultry Hatchery Supervisor	5.0
82	Poultry Farm Worker	3.0
83	Poultry Feed, Food Safety and Labelling Supervisor	5.0
84	Chick Sexing and Grading Technician	3.0
85	Poultry Farm Supervisor (Electives: Breeder/Layer, Broiler)	5.0
Fisheries		
86	Aquaculture Worker	3.0
87	Fisheries Extension Associate	4.0
88	Fish Seed Grower	4.0
89	Aquarium Technician	4.0
90	Freshwater Aquaculture Farmer	4.0
91	Shrimp Farmer	4.0
92	Deep Sea Fisher	4.0
93	Hatchery Production Worker	3.0
94	Basics of Cage Culture Fish Farming	4.0
95	Mariculture Farmer (Option: Pearl Culture)	4.0
96	Ornamental Fish Farmer (Option: Aquarium)	4.0
97	Essentials of Mitigating GHG Emissions in Fish Value Chain	4.0
98	Brackishwater Aquaculture Farmer (Option: Crab, Finfish)	4.0
99	Fishing Boat Driver (Small Mechanized vessels upto 24 OAL)	4.0
100	Marine Capture Fisherman cum Primary Processor	3.0
101	Aquaculture Technical Supervisor (Option: Biofloc Technology, RAS Technology)	5.0
102	Inland Capture Fisherman cum Primary Processor	3.0
Seed Industry Segment		
103	Quality Seed Grower	4.0
104	Seed Bank Management	4.0
Soil Health Management		
105	Soil & Water Testing Lab Analyst	5.0
106	Soil & Water Testing Lab Technician	4.0
Agriculture Industries		
107	Essentials of Internal Control Inspections (Organic Standards)	4.0

Agri Entrepreneurship & Rural Enterprises		
SN	Name of Active Qualification	Level
108	Mushroom Grower	4.0
109	Agri Service Input Dealer	5.0
110	Community Service Provider	4.0
111	Vermicompost Producer	3.0
112	Group Farming Practitioner	4.0
113	Institution Development Manager	5.5
114	Fundamentals of Biomass Processing for Energy	4.0
115	Introduction to Regulatory Compliances for FPO	4.0
116	Fundamentals of Business & Marketing Plan for a FPO	4.0
117	Fundamentals of Accounting and Financial Management Practices for FPO	4.0
118	Essentials of Managing a FPO	4.0
119	Essentials of Agri Services and Input Retailing	4.0
Post-Harvest Supply Chain Management		
120	Agriculture Warehouse Worker	3.0
121	Packhouse Worker	3.0
122	Supply Chain Field Executive	4.0
123	Agri Warehouse Supervisor	5.0
124	Fundamentals of Aggregation and Post-Harvest Handling of Farm Produce	4.0
125	Quality Assurance in Grain Storage	3.5
Commodity Management		
126	Agri Commodity Quality Assayer	5.0
127	Agri Commodity Procurement Manager	5.5
128	Quality and Price Risk Management of Agro Commodities for Farmers	3.0
129	Price Risk Management in Agri Commodities for FPO	4.0
130	Basics of Agri Commodity Market	4.0
131	Commodity Account Manager	5.0
132	Agri Commodity Fumigation Operator	4.0
Forestry/Agroforestry		
133	Vriksh Sanrakshak	4.0
134	Forest Nursery Raiser	4.0
135	Bamboo Grower	3.0
136	Urban Forest Developer	4.0
137	Lac Cultivator	3.0
138	Carbon Farming Practitioner	4.5
Other Allied		
139	Beekeeper	3.0
140	Sericulturist	3.0
141	Barefoot Technician	4.0
142	Plant Tissue Culture Technician	4.0
Watershed Management		
143	Water Resource Community Mobilizer (Elective: Watershed, Springshed, Groundwater)	4.0

International Project

Developing Critical Agricultural Skills Courses in India (DCASCI) initiative, supported by the Australian Government's Department of Education and led by The University of Adelaide, aimed to enhance bilateral relationships between Australia and India by developing critical agricultural skill courses in agriculture from March 2023 to June 2024. This collaborative project involved key stakeholders from both countries, including ASCI, NSFI, ICAR, and Mahindra Group, and successfully developed critical skills and National Occupational Standards (NOS) to address emerging agricultural training needs in India, fostering long-term educational partnerships and aligning India's agricultural education with international standards. A total of 5 Qualification Packs, 12 NOS, and 8 Micro Credentials (MCR) were developed.



Shri Atul Kumar Tiwari, Hon'ble Secretary, MSDE chaired the concluding meeting of DCASCI Project



Field Visit by DCASCI Team

Focus on Climate Change

ASCI, in collaboration with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), organized 100 awareness-raising workshops on KUSUM Component-A in local languages through 100 KVKs or suitable institutes/locations, reaching 3,000 farmers across India.

The project aligned with the goal of identifying and developing innovative areas for photovoltaic (PV) applications to support the ambitious national renewable energy (RE) target of 500 Gigawatts (GW) by 2030. Among emerging solar technologies, Agri-Photovoltaics (AgriPV), Floating Photovoltaics (FPV), and Building-Integrated Photovoltaics (BIPV) were considered promising solutions, integrating solar energy generation with diverse environments and infrastructures.



Workshop on PM KUSUM Component - A




Shri Shripad Naik, Hon'ble Minister of State, MNRE during the concluding workshop on PM KUSUM


Agriculture Skill Council of India

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