

Sowing **Skills...**  
...Harvesting **Opportunities**



"Skills are the foundation of modern life. They are the driving force behind successful careers and companies, thriving industries, and economies. Skills keep the world working. Through efforts of Skill India, we are certain to achieve a better socio-economic condition for today's youth by making them more productive and addressing unemployment and underemployment in a way"

**Dr. Mahendra Nath Pandey**  
**Hon'ble Minister**  
**Ministry of Skill Development & Entrepreneurship (MSDE)**



"We have seen great potential, great energy & enthusiasm in the youth of the country & how they are adapting to new age skills, transforming their lives & contributing to the new India. If the program has been able to transform lives, it is because of the passion & grit with which the youth is participating in it. We are working closely with the States, Department and Industry to ensure a robust skill ecosystem which would empower the youth and create opportunities of employment for them"

**Shri. R K Singh**  
**Hon'ble Minister of State**  
**Ministry of Skill Development & Entrepreneurship (MSDE)**

## 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:

- 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
- 
- Dairy Farm Management
  - Poultry Farm Management
  - Fishery (Marine, Inland and Aquaculture)
  - Animal Husbandry
- 
- Beekeeping
  - Sericulture
  - Mushroom Growing
  - Vermicomposting
- 
- Barefoot Technician
  - Watershed Management
  - Agroforestry
  - Non Timber Forest Produce



# 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) and National Occupational Standards (NOS) 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

## LMIS

- Assessment of sector-specific needs and demands by identifying the skill gaps
- Aggregate supply and demand for training as per the requirements of the labour market
- Analyse and share information for the benefit of all stakeholders in the ecosystem

## QP-NOS

- 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

## 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

## 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

# 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

# Engagement under Ministry of Skill Development and Entrepreneurship (MSDE)

Under Ministry of Skill Development and Entrepreneurship, ASCI is conducting flagship scheme Pradhan Mantri Kaushal Vikas Yojana (PMKVY) which aims to enable a large number of Indian youth to take up industry-relevant skill training that will help them in securing a better livelihood. Individuals with prior learning experience or skills will also be assessed and certified under Recognition of Prior Learning (RPL).

MSDE extends PMKVY program under various components viz. CSCM, CSSM, Special Projects and RPL.

ASCI - ECOSYSTEM			
Partners & Centres	Educational Institutions / Partners	Standards, Curriculum & Content	Trainings
616 Training Partners	1,656 schools across 23 States	186 Qualification Packs	Total Trained : 12,01,932
750 SMART Training Centers	221 B.Voc Institutions (UGC approved)	186 Model Curricula	Total Assessed : 10,54,652
5,728 Certified Trainers	51 Polytechnicals (AICTE)	Occupational Map including 8 Segments	Total Certified : 8,43,801
718 Certified Assessors	50 Agriculture Universities	48 Participant Handbooks	Training & Assessments in 13 languages
548 Industry / Associate Members	11 CSIR Institutes	35 Facilitator Guides	Training in 29 States & 6 UTs
14 Assessment Bodies			

## Recent Collaborations

- ASCI along with NSDC 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
- Tie-up with National Instructional Media Institute (NIMI), through NSDC, for preparing content of QPs
- 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



# 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



ToT at BAU Sabour

Number of ToT & ToMT Programs	303
Number of trainers certified	9,061

## 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



ToT at Pune

## 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

# Interventions at School, College and University Level

## School

ASCI has introduced NSQF-based programs for schools from class 9<sup>th</sup> to class 12<sup>th</sup> (equivalent to NSQF Level 4) in collaboration with various state governments under Samagra Shiksha Abhiyan of Ministry of Human Resource Development, 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
Maharashtra	235
Himachal Pradesh	185
Odisha	168
Madhya Pradesh	156
Chhattisgarh	124
Haryana	121
Punjab	108
Assam	96
Andhra Pradesh	92
Rajasthan	62
Tamil Nadu	60
Jharkhand	48
Telangana	36
Kerala	36
Sikkim	30
West Bengal	28
Jammu & Kashmir	23
Goa	16
Gujarat	13
Uttarakhand	10
Nagaland	4
Mizoram	3
Andaman & Nicobar Islands	2
<b>Total 1,656 schools are running Agriculture cours</b>	

## College

ASCI works with 221 colleges offering skill-based training. This includes Universities & Colleges which offer Diploma, Advanced Diploma & B.Voc programs. ASCI has completed assessment of 9,013 students enrolled in different courses. All courses are being aligned with QP-NOS from level 4 to level 7.

## University

ASCI has signed MoUs with various universities & CSIR Institutes in order to align their short term skill training programs with ASCI developed Qualification Packs, in line with National Skill Qualification Framework of Govt. of India for certification of the candidates. We also conduct joint ToT program with them.



### 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 (PJ TSAU), 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), Junagardh
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

### 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- National Institute of Oceanography (CSIR-NIO), Goa
2. CSIR- Institute of Himalayan Bioresource Technology (CSIR-IHBT), Palampur
3. CSIR- Indian Institute of Toxicology Research (CSIR-IITR), Lucknow
4. CSIR- Central Scientific Instruments Organization (CSIR-CSIO), Chandigarh
5. CSIR- National Botanical Research Institute (CSIR-NBRI), Lucknow
6. CSIR- Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu
7. CSIR- National Institute for Interdisciplinary Science & Technology (CSIR-NIIST), Thiruvananthapuram
8. CSIR- Advanced Material & Processes Research Institute (CSIR-AMPRI), Bhopal

# Collaboration with the Government Departments and Institutions

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

ASCI is closely working with all three key department of Ministry of Agriculture i.e.: Department of Agriculture & Cooperation (DAC), Department of Animal husbandry, Dairy & Fishery (DADF) and ICAR. Key collaborative areas are.

- ✦ Identification of high employability areas / Job Roles and subsequent development of NOS & Training modules for the same.
- ✦ Optimal utilization of infrastructure of DAC&FW / DADF/ ICAR for 'Training of Trainer' programs wherever possible.
- ✦ Sub-sector specific skill gap studies collaboration between ASCI and Ministry.
- ✦ Support to Centre of Excellence through RKVY or other relevant schemes post receipt of proposals.
- ✦ Providing a list of recent retired officials who can be accessed as Trainers and Assessors by TPs and Assessment bodies.

### + Collaboration with ICAR – KVKs:

MoA&FW through its Rashtriya Krishi Vikas Yojana (RKVY) involved various institutions under the domain of Indian Council of Agriculture Research (ICAR) and Department of Agriculture Cooperation and Farmers welfare (DAC & FW) for expanding the outreach of skilling.

In order to expand maximum outreach judiciously, 385 Krishi Vigyan Kendra (KVK) under the aegis of ICAR were selected. Another 24 DAC & FW, 12 DADF, 27 ICAR and 32 SAU Institutes were also selected to gain necessary impetus to the skill building work. ASCI is partnering this initiative by:

- ✦ Optimal utilization of Infrastructure by Affiliated KVKs as Skilling Centres
- ✦ Short term training programs of KVK aligned with Common Course Curriculum developed according to NSQF
- ✦ Getting Farmers Group/ Progressive Farmers certified under Recognition of Prior Learning (RPL)
- ✦ Possibility of training KVK trainers on Adult learning/ Pedagogy and Instructional Design through SSC

## Ministry of Defence (MoD)

ASCI is working with few regimental centres of Indian Army for training of retiring Army personnel in various job roles. It also intends to prepare Army veterans as trainers, assessors and entrepreneurs for a second career.

- ✦ For the Indian Army , ASCI has conducted 9 short training courses in different regimental centers
- ✦ Few job roles of Remount & Veterinary Corps (RVC) have been mapped to job roles for Training of Trainer
- ✦ Indian Navy has approached ASCI for conducting training of their personnel on Climate Change & Risk Mitigation Management.

## Ministry of Rural Development (MoRD)

ASCI has signed an agreement with MNREGA division of Ministry of Rural Development (MoRD), Govt. of India for introduction of outcome based training, assessments and certifications on Barefoot Technician Job role for MoRD sponsored trainees. These are residential trainings with a duration of 3 months and is being delivered through their institutes i.e. State Institute of Rural Development (SIRDs). Nearly every state has one SIRD which are affiliated Training Providers of ASCI. Post successful training, all certified candidates are employed by local Panchayats under MNREGA (a technical resource to Panchayat for implementation of MNREGA works).

Till date, ASCI has trained more than 8,519 candidates in 20 states.

## Ministry of Environment & Forest (MoEF)

Through Ministry of Skill Development and Entrepreneurship (MSDE), ASCI has been in discussion with MoEF for alignment for Forestry related training programs to NSQF. These relate primarily to Agro Forestry and Non Timber Forest Produce.



## Rozgar Melas / Job Fairs

NSDC along with various Sector Skill Councils organizes Rozgar Melas across all the states. In addition to this, Skill Exhibition, Counselling Camp and Kaushal Mela Camp are also organized during the Rozgar Melas. ASCI intensively participates in the Rozgar Melas as well as the Skill Exhibitions organized by NSDC.

Apart from this, ASCI also conducts standalone Job Melas in different parts of the country. Employers from Agriculture and allied sectors participate in Job Fair and undertake the placement process. Few companies who have participated are Coromandel International Pvt. Ltd., DCM Shriram, ICICI Lombard, Coromandel Agrico Pvt. Ltd., Shivshakti Biotechnology Ltd., Navbharat Fertilizers Ltd., Jaykishan Horticulture Ltd., Ananda Dairy, KisanKraft, Escorts Crop Solutions & Women Organization For Socio Cultural Awareness, National Collateral Management Services Limited, Willo Wood Crop science Pvt. Ltd., Gramophone.



Rozgar Mela, Bikaner



Rozgar Mela, Belgaum



Rozgar Mela at Maddur



Rozgar Mela at Balasore

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

For optimizing productivity of workforce and yield from the farms, it is important to design and deliver training as per job- role specific standards. Qualification Packs (QPs) and National Occupational Standards (NOS) are industry standards derived in close interaction with experts in respective domains.

- 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 186 Qualification Packs in different segments giving emphasis to new generational Job Roles.

# Qps Developed in Agriculture & Allied sector by ASCI for the Job Role of

## Farm Mechanization & Precision Farming

1. Agriculture Machinery Demonstrator
2. Agriculture Machinery Operator
3. Agriculture Machinery Repair & Maintenance Service Provider
4. Custom Hiring Service Provider
5. Farm Workshop Foreman Supervisor
6. Farm Workshop Manager
7. Greenhouse Fitter
8. Greenhouse Operator
9. Harvesting Machine Operator
10. Irrigation Service Technician
11. Micro Irrigation Technician
12. Operator- Reaper, Thresher & Crop Residue Machinery
13. Pesticide & Fertilizer Applicator
14. Service and Maintenance Technician-Farm Machinery
15. Solar Pump Technician
16. Tractor Mechanic
17. Tractor Operator
18. Rice Transplanter Machine Operator Cum Mechanic

## Agriculture Crop Production

19. Paddy Farmer
20. Maize Cultivator
21. Pulses Cultivator
22. Wheat Cultivator
23. Cotton Cultivator
24. Soyabean Cultivator
25. Sugarcane Cultivator
26. Jute & Mesta Cultivator
27. Organic Grower
28. Farm Manager
29. Farm Supervisor
30. Farm Worker

## Production Horticulture

31. Bulb Crop Cultivator
32. Citrus fruit Grower
33. Coconut Grower
34. Coffee Plantation Worker
35. Coriander Cultivator\*
36. Essential Oil Extractor
37. Floriculturist-Open Cultivation
38. Floriculturist-Protected Cultivation
39. Flower Handler-Packaging & Palletising
40. Friends of Coconut Tree
41. Mango Grower
42. Banana Farmer
43. Medicinal Plants Grower
44. Neera Technician
45. Solanaceous Crop Cultivator
46. Tea Plantation Worker
47. Tuber Crop Cultivator

48. Vineyard Grower
49. Vineyard Worker
50. Chillies Cultivator\*
51. Spice Crop Cultivator
52. Makhana Grower cum Processor
53. Orchard Worker
54. Temperate Fruit Grower
55. Vegetable Grower
56. Tropical/Sub-tropical Fruit Grower
57. Horticulturist-Protected Cultivation

## Amenity Horticulture & Landscaping

58. Assistant Interior Landscaper
59. Assistant Gardener
60. Assistant Groundskeeper
61. Florist
62. Gardener
63. Hydroponics Technician
64. Interior Landscaper
65. Nursery Worker
66. Rooftop Gardener
67. Gardener cum Nursery Raiser
68. Heritage Gardener
69. Horticulture Supervisor

## Agri-Information Management

70. Agriculture Exetension Service Provider
71. Agriculture Extension Executive
72. Agriculture Field Officer
73. Community Service Provider

## Animal Husbandry

74. Animal Health Worker
75. Artificial Insemination Technician
76. Goat Farmer
77. Piggery Farmer
78. Veterinary Clinical Assistant
79. Veterinary Field Assistant

## Dairy Farm Management

80. Bulk Milk Cooler (BMC) Operator
81. Chilling Plant Technician
82. Dairy Farm Supervisor
83. Dairy Farmer- Entrepreneur
84. Dairy Worker
85. Milk Procurement & Input Supervisor
86. Milk Tester
87. Village Level Milk Collection Centre Incharge

## Equine Management

88. Stud Farm Worker
89. Horse Trainer
90. Assistant Equine Breeder
91. Equine Farrier
92. Equine Groom

## **Poultry Farm Management**

93. Broiler Farm Supervisor
94. Broiler Farm Worker
95. Chick Sexing and Grading Technician
96. Hatchery Incharge-Poultry
97. Layer Farm Worker
98. Poultry Farm Manager
99. Poultry Feed, Food Safety & Labelling Supervisor
100. Poultry Shed Designer
101. Hatchery Operator
102. Small Poultry Farmer

## **Fisheries**

103. Marine Capture Fisherman Cum Primary Processor
104. Aquaculture Technician
105. Aquaculture Worker
106. Aquarium Technician
107. Aquatic Animal Health Lab Assistant
108. Brackishwater Aquaculture Farmer
109. Crab Farmer
110. Feed Technician
111. Fish Retailer
112. Fish Seed Grower
113. Fishing Boat Deckhand
114. Fishing Boat Driver\_SMV Less than 20 OAL
115. Fishing Boat Maintenance Worker
116. Fishing Boat Mechanic
117. Fishing Equipment Technician (Electronics)
118. Fishing Gear Technician
119. Freshwater Aquaculture Farmer
120. Hatchery Manager
121. Hatchery Production Worker (Fisheries)
122. Inland Capture Fisherman cum Primary Processor
123. Mariculture Operator
124. Ornamental Fish Technician
125. Pearl Culture Technician
126. Shrimp Farmer
127. Aquaculture Fabricator
128. Fisheries Extension Associate
129. Deep Sea Fisher
130. Coldwater Aquaculture Farmer
131. Seaweed Cultivator
132. Cage Culture Fish Farmer

## **Seed Industry Segment**

133. Quality Seed Grower
134. Seed Analysis In Charge
135. Seed Plant Production Supervisor
136. Seed Processing Plant Technician
137. Seed Processing Worker

## **Commodity Management**

138. Agri Commodity Procurement Manager
139. Agri Commodity Quality Assayer
140. Agri Research Analyst
141. Produce Mapping Surveyor
142. Commodity Account Manager
143. Electronic Trading Supervisor-Agri Commodity
144. Risk Analyst Manager-Agri Commodity

## **Soil Health Management**

145. Soil & Water Testing Lab Analyst
146. Soil & Water Testing Lab Assistant
147. Soil Sampler-Collector

## **Post-Harvest Supply Chain Management**

148. CA Store Technician
149. Cold Storage Manager
150. Cold Storage Supervisor
151. Cold Store Keeper
152. Packhouse Worker
153. Ripening Chamber Operator
154. Warehouse Worker
155. Supply Chain Field Assistant
156. Agri Warehouse Supervisor
157. Agri Commodity Fumigation Operator

## **Other Allied**

158. Barefoot Technician
159. Beekeeper
160. Climate Change & Risk Mitigation Manager
161. Mushroom Grower
162. Sericulturist
163. Vermicompost Producer
164. Plant Tissue Culture Technician

## **Forestry / Agroforestry**

165. Bamboo Grower
166. Forest Nursery Raiser
167. Lac Cultivator
168. Non-Timber Forest Produce Collector
169. Timber Grower

## **Watershed Management**

170. Watershed Community Mobilizer
171. Service Technician-Watershed
172. Watershed Assistant
173. Watershed Consultant
174. Watershed Manager
175. Watershed Supervisor
176. Watershed Engineer

## **Agri Entrepreneurship & Rural Enterprises**

177. Agri Service Input Dealer
178. Institution Development Manager
179. Group Farming Practitioner
180. Agri-Clinic & Agri-Business Center Manager

## **Captive and Small Animals Management**

181. Canine Breeder
182. Canine Trainer and Handler
183. Companion Animal Groomer
184. Zoo Animal Keeper
185. Stray Animal Catcher
186. Laboratory Animal Attendant

# State Engagement

Agriculture being a State subject, lot of key activities need to be coordinated at the regional level. We have partnered with Govt. of Uttar Pradesh, Uttarakhand, Sikkim, Himachal Pradesh, Kerala, Haryana, Punjab, Chhattisgarh, Andhra Pradesh, Rajasthan, Maharashtra, Tamil Nadu, Odisha, Assam, Tripura, Puduchhery, Telangana, Karnataka, Madhya Pradesh, Bihar and West Bengal.

While ASCI has done training in 28 states and 4 Union Territories, in order to accelerate its efforts effective delivery of skill development services, ASCI has joined hands with 21 State Governments.

## Uttarakhand

ASCI has started active collaboration with Uttarakhand Skill Mission. An important initiative has been taken for jail program wherein ASCI conducted 3 short term training courses in Organic Farming in three different jails of Uttarakhand - Dehradun, Haridwar and Sitarganj. Also, few batches were conducted with UKSDM in Agriculture Extension Service Provider. A MOU has also been signed with G. B. Pant Agriculture University.

## Chhattisgarh

Chhattisgarh Skill Development Mission is aligning all its sectors with NSQF and in the near future, ASCI is planning to expand its activities in the state including livelihood schools as well as tribal schools. As collaborative partner of ASCI, the only agricultural university in the state, Indira Gandhi Krishi Vishwavidyalaya is encouraging youth of the state to get benefitted by developing their skill in the field of agriculture. Soon, ASCI will introduce its activities at Tribal schools of the state through Samagra Shiksha Abhiyaan.

## West Bengal

ASCI signed a MoU with Paschim Banga Society for Skill Development (PBSSD) in presence of the Hon'ble Chief Minister of the state. ASCI is committed to accelerate the skill development in the state by bringing stakeholders of agriculture and allied sector on a common platform & has successfully collaborated with West Bengal University of Animals & Fishery Sciences & Bidhan Chandra Krishi Vishwavidyalaya.

## Madhya Pradesh

ASCI signed a MoU with Madhya Pradesh State Skill Development Mission (MPSSDM) for skill development in Agriculture & Allied sector. This MoU will lead to NSQF based skill development training & capacity building in agriculture & allied based job roles as per Industry recognized National Occupational Standards followed by assessment & certification.

## Punjab

Project M000 has been launched to promote Dairy Skilling in 2018. The inauguration of Project M000 under CSR for Dairy Farmers by UDAY Skills in Sangrur and Patiala district along with the Australian High Commissioner.

## Haryana



MoU signed between ASCI and Haryana Horticulture Dept.



Project M000, Patiala

A major initiative has happened in Haryana wherein a MoU was signed with Haryana Horticulture Dept. & seven training centers. Agriculture as a vocational subject is being taught in 108 schools & assessment of 3,352 students in these schools were conducted.

## Rajasthan

ASCI collaborated with Rajasthan Skill & Livelihood Development Corporation (RSLDC) for outcome based trainings, assessments and certification on Qualification Pack and National Occupational Standards for UPSDM sponsored trainees in agriculture & Agri Allied job roles. We propose to scale up these programs under state component of PMKVY.

Job role Micro Irrigation Technician under Agriculture sector got introduced in 50 schools in Rajasthan under Samagra Shiksha Abhiyan aligned with National Skill Qualification Framework.

## Bihar

It is expected that the second green revolution of our country will be from the eastern region of India and Bihar will be the hub of it. Bihar Skill Development Mission (BSDM) has started their batches of training under state skill development mission scheme and they have included 34 Agricultural Job Roles. ASCI has successfully conducted a 10 days Training of Trainers for the record 203 Participants for 10 job roles at Bihar Agricultural University, Sabour in 2018 which is one of the biggest ToT.



ToT at BAU Sabour

## Jharkhand

ASCI signed MoU with Jharkhand Skill Development Mission Society (JSDMS). Jharkhand is a state of opportunities and it is divided into different agro-climatic as well as the demographic zone, basis that, ASCI plans to encourage skill development activities in the state. Jharkhand has a huge tribal population and ASCI has developed few specific job roles like Lac Cultivation, Sericulture, Non-Timber Forest Products Collectors and Forest Nursery Raiser etc. Also, ASCI and JOHAR (Jharkhand Opportunities for Harnessing Rural Growth) joined hands to make a paradigm shift in agriculture skilling results to enhance the productivity as well as household income. JOHAR is a flagship project of Jharkhand State Livelihood Promotion Society (JSLPS) due funded by World Bank. Over 200,000 rural households and some 3,500 farmer producer groups are expected to benefit from the project.

## Karnataka

An MOU was signed between ASCI and KUD in the presence of Shri. Anant Kumar Hegde (Hon'ble Minister of State, MSDE) to initiate Fishery Skilling Programme and Centre of Excellence (CoE) at Department of Studies in Marine Biology, Karwar followed by, a Short Term Training programme on Shrimp Farming by the above department. 24 candidates participated in the 30 day program which included practical exposure at some shrimp farms and interaction with progressive farmers.

## Kerala

The Kerala Agro Industries Corporation Ltd (KAIC) joined hands with ASCI to conduct RPL for 42,000 of their prior / earlier trained candidates in 10 districts of Kerala for certification for the job roles of Friends of Coconut Tree (FoCT), Solanaceous Crop Cultivator, Gardener, Tractor Operator, Tractor Mechanic.

ASCI had organized exposure visit & Practical Training program for the fishermen from various parts of Karnataka to get exposure on Fishing techniques and post-harvest technologies in collaboration with Central Institute of Fisheries Technology, Kochi.

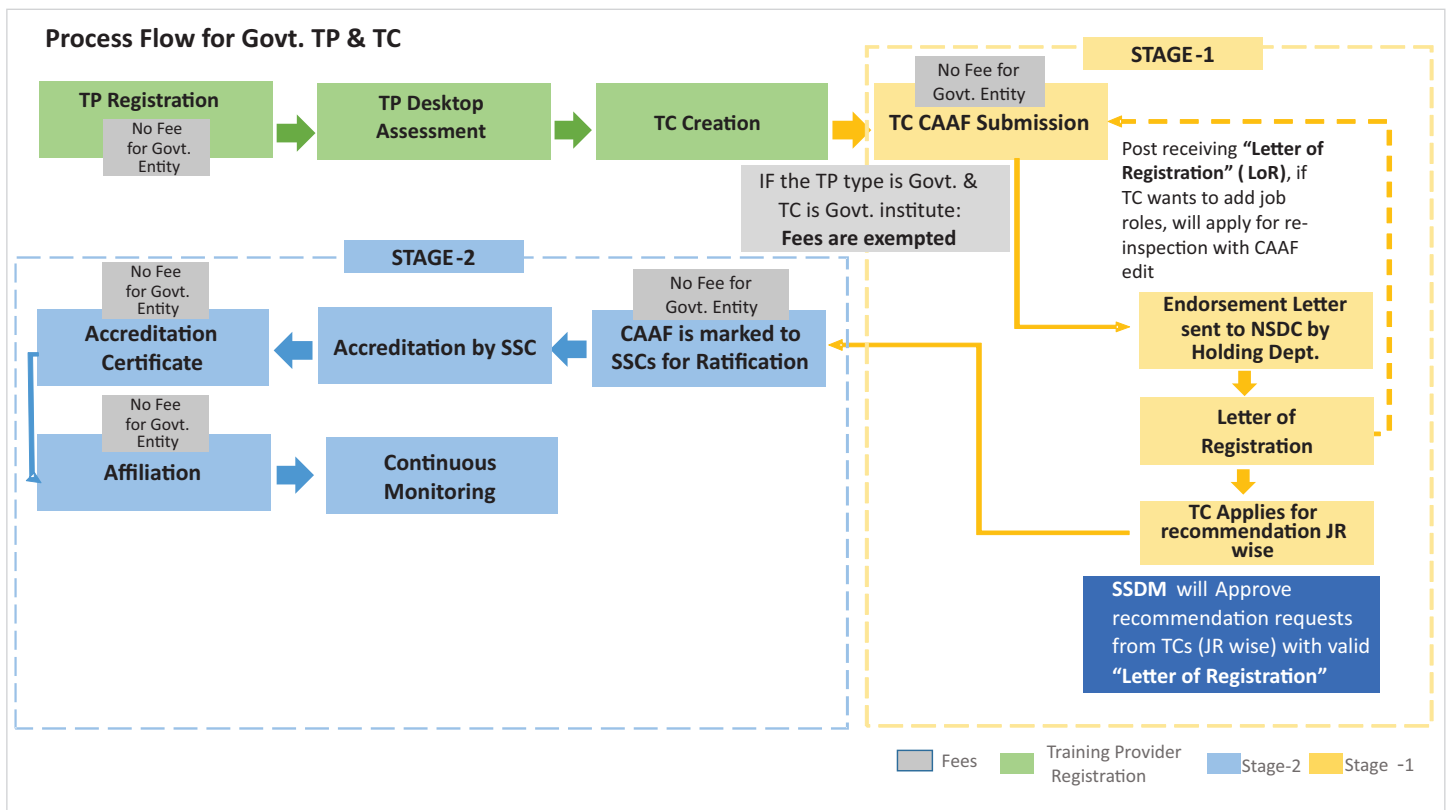
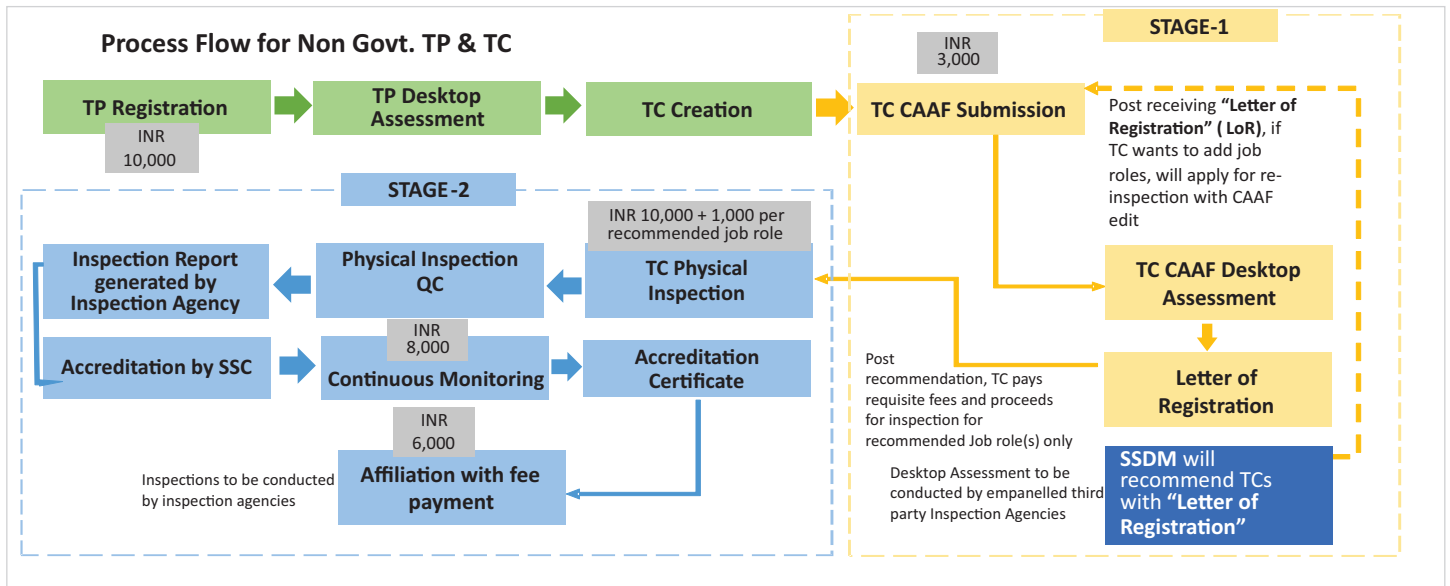
## Maharashtra

In Maharashtra, Agriculture got introduced in 30 new schools apart from Multi Skill Programs which is going on in 228 schools which sums up to 258 Schools.



Training at School

# Process of Affiliation & Accreditation



## FAQs

### FAQs for Training Partners

**Q1. We are an agriculture-based government organization, is there a special process to become a Training Partner(TP)?**

A. No, there is no special process. You have to register yourself as Training Partner on Skill India Portal by following the link <https://skillindia.nsdcindia.org/>. Kindly read the User manuals at bottom of the page and then referring to - SMART section [https://nsdcpdfdocuments.s3-ap-south-1.amazonaws.com/documents/SMART/TP\\_Registration.pdf](https://nsdcpdfdocuments.s3-ap-south-1.amazonaws.com/documents/SMART/TP_Registration.pdf) and [https://nsdcpdfdocuments.s3-ap-south-1.amazonaws.com/documents/SMART/TC\\_Registration.pdf](https://nsdcpdfdocuments.s3-ap-south-1.amazonaws.com/documents/SMART/TC_Registration.pdf) for better understanding. You can also visit the Knowledge Bank and FAQ section on the SKILL INDIA PORTAL following the links <https://skillindia.nsdcindia.org/knowledge-bank> and <https://skillindia.nsdcindia.org/faqs> for information related to Guidelines of Accreditation and Affiliation, Infrastructure Requirements, Lab Requirements, Trainers' Qualification Requirements etc.

**Q2. We are a private / government training institute and want to take part in Government sponsored Skill Training Program. How can we become a training partner?**

A. For becoming a Training Partner you are requested to register on Skill India Portal following above the process.

**Q3. We are a private organization and want to get associated with ASCI through a fee based model, what process we need to follow?**

A. To become a Training Partner you have to register on Skill India Portal under Fee based Scheme by following the above process of Affiliation and Accreditation.

For getting recommendation letter from ASCI, there is an internal evaluation process under which you have to fill a form following link <http://asci-india.com/Affiliation%20Accreditation.php> and send it with all the requisites desired to [affiliation@asci-india.com](mailto:affiliation@asci-india.com).

**Q 4. We are a reputed organization and wish to participate in the PMKVY scheme for conducting RPL. What is the procedure for RPL?**

A. To participate in PMKVY - RPL program, you must submit a proposal through ASCI on NSDC-prescribed format. The format is available at:

[http://pmkvyofficial.org/App\\_Documents/News/PMKVY%20Guidelines%20\(2016-2020\).pdf](http://pmkvyofficial.org/App_Documents/News/PMKVY%20Guidelines%20(2016-2020).pdf)

Currently, RPL is open only for Government Organization.

**Q 5. We are an agriculture university / institute / college and want to be associated with ASCI. What is the way forward?**

A. There are various ways to get associated with ASCI like Training of Trainer (ToT) Centre, Training Partner, Master Trainer, Centre of Excellence (COE), etc. For more information, please contact at: [info@asci-india.com](mailto:info@asci-india.com).

## **FAQs for Trainee / Participant**

**Q 6. I am resident of a rural / urban area with primary education and desire to undertake skill training and acquire a skill certificate. How can I register for a skill qualification?**

A. You need to enrol yourself through affiliated Training Partners / Training Centres.

You can also download your nearest Training centre details from this link / URL: <http://asci-india.com/Training%20List.php>

**Q 7. I am an unemployed youth who has been working on temporary jobs and contracts. I already have skills in a particular Agricultural Trade. I want to acquire a certificate to recognize my available skills to enable me to get a regular job. How can the ASCI assist me?**

A. You can obtain a skill certificate under the "Recognition of Prior Learning" (RPL) scheme of PMKVY. To obtain more information about the scheme write to us at: [info@asci-india.com](mailto:info@asci-india.com).

Please log on to PMKVY Website:

[http://pmkvyofficial.org/App\\_Documents/News/PMKVY%20Guidelines%20\(2016-2020\).pdf](http://pmkvyofficial.org/App_Documents/News/PMKVY%20Guidelines%20(2016-2020).pdf)

**Q 8. How long does it take to acquire a skill; what is the duration of skill-based program?**

A. The duration of the courses depends on the type of skill and it may take a minimum of 200 hours.

**Q 9. How much will it cost me to acquire a basic skills under PMKVY?**

A. Under PMKVY, individuals do not have to pay any Training and Assessment Fee.

**Q 10. What are the benefits of skill-based training and certification?**

A. The main objective of skill training and certification programs is to certify that an individual has acquired skill in a specific role and make an individual equipped with industry relevant skills to make them employable and self-sustainable. Training Centres will also assist them in placements.

## **FAQs for Others**

**Q 11. I am an agriculture professional and I want to provide my services to develop skill-based training content. Who do I have to contact?**

A. Kindly forward your CV to [content@asci-india.com](mailto:content@asci-india.com) (0124-4670029/ 4814673/ 4814659).

**Q 12. I am retired agriculture professional and want to get associated with ASCI as Subject Matter Expert, how can I apply for the same?**

A. Kindly write to [info@asci-india.com](mailto:info@asci-india.com) for any information in this regard.

## Awards & Achievements

- ASCI has won the Best Sector Skill Council Award at 4<sup>th</sup> ASSOCHAM Skills Summit on 1<sup>st</sup> Nov'18 at New Delhi. The Award was instituted by the ASSOCHAM and was conferred at the Inaugural session of the Summit by Mr. Anant Kumar Hegde, Hon'ble Minister of State, Ministry of Skill Development and Entrepreneurship. This award is in recognition of Agriculture Skill Council efforts that have supported the development of standards, facilitated flagship Skill Development programs, introduction of vocational courses at School, College and University level both in cities and in rural areas.
- CSR Times, leading magazine on Corporate Social responsibility and Indian Achievers' Forum, a business networking forum jointly organized a one-day National CSR Summit & Awards 2018 at New Delhi where ASCI received an award for Skill Development in Agriculture and Allied Sector by Shri. Ashwini Kumar Choubey, Hon'ble Union Minister of State, Health and Family Welfare.
- ASCI has created National and Asia Record by assessing 3,000 farmers in single day on World Youth Skills day on 15<sup>th</sup> Jul'19. The event was monitored & evaluated by a jury from India Book of Records & Asia Book of Records.



CEO ASCI receiving the best SSC award



ASCI created India & Asia Book of record

## Zonal Offices of Agriculture SSC

### NORTH ZONE

#### States & UT

Jammu & Kashmir; Himachal Pradesh; Punjab; Uttarakhand; Haryana

#### Contact Details

Col. Kamal Sodhi (Retd.)  
309 Kheti Bhawan, Phase 6,  
SAS Nagar- 160 062, Punjab  
M: 99151 36766 E: northzone@asci-india.com

### NORTH EAST ZONE

#### States & UT

Meghalaya; Mizoram, Tripura; Arunachal Pradesh; Nagaland; Manipur, Sikkim

#### Contact Details

Mr. Nirod Chakravarty  
H. No. 1, 2nd Floor, Sugam Path, RG Barua Road,  
Opp. Ambika Petrol Pump, Zoo Tinali,  
PO: Zoo Road, Guwahati- 781024 Assam  
Mobile: 93194 11337 E: nel@asci-india.com

### EAST ZONE

#### States & UT

Bihar; West Bengal; Odisha

#### Contact Details

Mr. Santosh Panda  
Udyam Bhawan, Nayapalli,  
Bhubaneswar- 751015 Odisha  
M: 96679 05553 E: eastzone@asci-India.com

### CENTRAL ZONE

#### States & UT

Uttar Pradesh; Madhya Pradesh; Rajasthan; Chhattisgarh

#### Contact Details

M 1-B, 116, Kailash Darshan Complex, Near CITI Hospital, Zone-II,  
M P Nagar, Bhopal-462 001 Madhya Pradesh  
M: 84487 16231 E: centralzone@asci-India.com

### SOUTH ZONE

#### States & UT

Andhra Pradesh; Telangana; Karnataka; Kerala; Tamil Nadu; Puducherry

#### Contact Details

Institution of Agricultural Technologists,  
Auditorium Block, 2nd Floor, No. 15, Queen's Road,  
Bengaluru - 560 052, Karnataka  
M: 99995 94068 E: southzone@asci-india.com

### WEST ZONE

#### States & UT

Maharashtra; Gujarat; Goa, Daman & Diu

#### Contact Details

Ms. Sayali Mahadik  
M: 84487 16212  
E: westzone@asci-India.com

### CENTRAL EAST ZONE

#### States & UT

Jharkhand

#### Contact Details

Mr. Gopi Raman Kumar  
JOHAR Office  
4th Floor, LN Corporate, Nearby  
Jaipal Singh Stadium, Katchery Road,  
Ranchi- 834 001  
M: 8448713213 E: raman@asci-India.com

\*Interested Training Partners may contact respective Zonal Incharge based on their preference state

## Agriculture Skill Council of India

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