

# SECTOR SKILL COUNCIL ON AGRICULTURE

# AGRI-SKILLS

OCTOBER 2016



Agriculture  
Skill  
Council of  
India  
awarded as  
Best Sector  
Skill  
Council

## Agriculture Sector Skill Council wins Best Sector Skill Award at ASSOCHAM Skills Summit 2016

Agriculture Skill Council of India (ASCI) has won the Best Sector Skill Council Award at the 2nd ASSOCHAM Skills Summit on 15 March 2016 held in New Delhi.

The Award was instituted by the ASSOCHAM to acknowledge the Indian Sector Skill Councils who have demonstrated an outstanding commitment to the skills agenda in India - one of the most important challenges the country is facing today.

The award was conferred at the opening ceremony of the Summit by Mr Rajiv Pratap Rudy, Hon'ble Minister for Skill Development and Entrepreneurship. Dr Satender Arya, CEO, ASCI received the award on behalf of ASCI.

Sowing Skills...  
...Harvesting Opportunities



## Skill Development in the Fisheries Sector: A critical need for Blue Revolution

The fisheries skill advisory board meeting was held at the National Fisheries Development Board (NFDB) Hyderabad on April 19, with the initiative of Agriculture Skill Council of India (ASCI). The meeting was held to bring forth ideas that would enable relevant, effective and timely achievement of skill development efforts in the fisheries sector.

The deliberations of the group would result in channelizing the efforts and the resources of all stakeholders to create employment opportunities, enhance production and leverage a sector which can prove to be one of the biggest assets in the country's growth story.

## Agriculture SSC takes lead for Skill Development in Farm Mechanization Segment:

Agriculture SSC organized the first Farm Mechanization Skill Advisory Meeting on 24 June which saw participation from the Department of Agriculture, ICAR, CIAE, CII, FICCI, PSSCIVE, Tractor Manufacturers' Association, Tillers Mfgr Association, Harvesters Mfgr Association, Agriculture Machinery Mfgr Association, Industry & Training Institutes. The meeting was presided by Shri Ashwani Kumar, Joint Secretary, Ministry of Agriculture. Discussions were held to channelize the skill development efforts taken up in silos by Government, Industry and the Training Institutions and to work synergistically to bring about the desired outcome in the Farm Mechanization sector.



## Agriculture SSC takes lead for Poultry Skill Development :

Agriculture SSC organized the first Poultry Skill Advisory Meeting which saw participation from the Department of Animal Husbandry, Dairying & Fisheries, ICAR, CPDOs, Veterinary Colleges, and Training Institutes. Discussions were held to channelize the skill development efforts.

Shri Sanjay Bhoosreddy, Joint Secretary DAHDF presided the meeting. The Poultry sector to employ around 1.6 million people due to increasing demand while 80 percent of the employment is generated directly by the farms, 20 percent is generated in the provision of feed, pharmaceuticals, equipment and other services required by the poultry sector. Additionally, there may be a similar number of people who are engaged in marketing and other channels servicing the sector.

## PNB collaborates with Agriculture Skill Council of India for creating skilled Agriculture Entrepreneur

Punjab National Bank (PNB), one of the largest nationalized Banks has established PNB Farmers' Welfare Trust for promoting skill development among the farmers, women and rural youth in different parts of the country. For the purpose of improving the quality of training imparted by the Training Centres of PNBFWT has entered into MoU with Agriculture Skill Council of India (ASCI) for adoption of National Skill Qualification Framework (NSQF) on 8 April 2016. Under the MoU, the assessment and certification of trainees of Training Centres will be done by ASCI on the basis of NSQF.



# Collaboration with Agriculture, Veterinary & Fisheries Universities

ASCI in its endeavor to develop/upgrade the skills of Indian agriculture & agri allied workforce, is collaborating with all key stakeholders including agriculture & veterinary universities & research institutions in order to align the short term skill training programs of universities with ASCI developed Qualification Packs in line with National Skill Qualification Framework of Govt. of India & Conduct assessment & certification of the candidates. It has already signed Memorandum of Understanding (MoU) with 15 leading Universities.

## Universities Signed MoU with ASCI:

### **Agriculture / Horticulture Universities**

- I. Punjab Agriculture University (PAU), Ludhiana
- II. Tamil Nadu Agriculture University (TNAU), Coimbatore
- III. Orissa University of Agriculture & Technology (OUAT), Bhubaneswar
- IV. University of Horticultural Sciences (UHS), Bagalkot
- V. Indira Gandhi Krishi Vishwavidyalaya (IGKV), Raipur Chhattisgarh
- VI. University of Agricultural & Horticultural Sciences (UAHS), Shimoga, Karnataka
- VII. Central Agricultural University (CAU), Manipur
- VIII. Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad

### **Veterinary / Animal Sciences/ Fisheries Universities**

- I. Guru Angad Dev Veterinary & Animal Sciences University (GADVASU), Ludhiana
- II. Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai
- III. Tamil Nadu Fisheries University (TNFU), Nagapattinam
- IV. West Bengal University of Animal & Fishery Sciences (WBUAFS), Kolkata
- V. U. P Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go Anusandhan Sansthan (DUVASU), Mathura, Uttar Pradesh
- VI. Maharashtra Animal and Fishery Sciences University (MAFSU), Nagpur
- VII. Kerala Veterinary & Animal Sciences University (KVASU), Kerala

## India Skills 2016 – Pragati Maidan



ASCI along with Institute of Floral Design (IFD), Mumbai successfully demonstrated Floristry skill at India Skills 2016 held at Pragati Maidan, New Delhi on 16-17 July 2016. ASCI was appreciated by all for promoting such skill at this national event. Floral ornaments, bouquets & goodies were presented to dignitaries and visitors.

Hon'ble Minister of Skill development and entrepreneurship & Secretary, MSDE praised ASCI's stall design and appreciated SSC efforts to promote and advised for taking such initiatives for other landscaping roles.

## Development of Transnational Occupational Standards (India-UK):

ASCI was one of the 6 SSCs selected to be a part of the Transnational Standards Development Project in association with LANTRA undertaken by NSDA under the UKIERI Project. This partnership would go a long way in upscaling ASCI activities and producing a world class Agricultural Workforce according to International Standards.

Under the project, Benchmarking of 6 Indian Qualification Packs (QPs) with UK NOS has been done and Transnational Standards have been developed for these Job Roles:

- |                        |                       |
|------------------------|-----------------------|
| ▲ Animal Health Worker | ▲ Florist             |
| ▲ Dairy farmer         | ▲ Tractor Operator    |
| ▲ Greenhouse Operator  | ▲ Broiler Farm Worker |



# Development of Qualification Packs (QP)/NOS

Agriculture SSC has developed 70 additional QPs making a total of 132 QPs:

## Dairy:

1. Dairy farm supervisor
2. Milk collection centre incharge
3. Milk route supervisor
4. Milk tester
5. Bulk milk cooler operator
6. Chilling plant technician

## Poultry:

1. Poultry farm manager
2. Poultry shed designer
3. Poultry feed, food safety and labelling supervisor
4. Small Poultry farmer
5. Farm worker-layer
6. Setting operator
7. Chick grading technician

## Fisheries:

- 1 Aquaculture Technician
- 2 Aquaculture Worker
- 3 Aquatic Animal Health Lab Assistant
- 4 Crab Fattening Farmer
- 5 Feed Technician
- 6 Fish Retailer
- 7 Fishing Boat Deckhand
- 8 Fishing Boat Driver
- 9 Fishing Boat Maintenance Worker
- 10 Fishing Equipment Technician (Electronics)
- 11 Fishing Gear Technician
- 12 Freshwater Aquaculture Farmer
- 13 Inland Capture Fisherman Cum Primary Processor
- 14 Mariculture Operator
- 15 Ornamental Fish Technician
- 16 Brackish Water Aquaculture Farmer
- 17 Aquarium Technician
- 18 Fish Seed Grower
- 19 Fisheries Extension Associate
- 20 Hatchery Manager
- 21 Pearl Culture Technician

## Animal Husbandry:

1. Goat Farmer

## Seed:

1. Seed Analysis Incharge
2. Seed Processing Plant Technician
3. Seed Plant Production Supervisor

## Landscaping & Urban Farming Segment:

1. Roof-top Gardener
2. Hydroponics Technician
3. Nursery Worker
4. Assistant Gardener
5. Assistant Groundkeeper
6. Interior Landscaper
7. Apprentice-Interior Landscaper

## Agriculture Crop Production:

1. Vineyard Grower
2. Vineyard Worker
3. Jute & Mesta Cultivator
4. Essential Oil Extractor

## Watershed:

1. Community Mobilizer
2. Village Water Technician
3. Watershed Assistant
4. Watershed Consultant
5. Watershed Manager
6. Watershed Supervisor
7. Watershed Engineer

## Forestry:

1. Lac Cultivator
2. Timber Grower

## Soil Health Management:

1. Soil Sampler/ Collector
2. Soil & Water Testing Lab Assistant
3. Soil & Water Testing Lab Analyst

## Others:

1. Forest Nursery Raiser
2. Medicinal Plants Grower
3. Pesticide & Fertilizer Applicator
4. Greenhouse Operator
5. Florist
6. Vermicompost Producer
7. Mushroom Grower (Small Entrepreneur)
8. Flower handler- Packaging & Palletizing



## Collaboration between ARMY and Agriculture SSC:

Consequent to the signing of MOU between the Adjutant General (AG) & NSDC in Jan 2016, the training of retiring army personnel in various Job Roles of Agriculture SSC has commenced with a view to prepare veterans suitably for a second career in the civil. The areas of Cooperation include assessment of available infrastructure, recommend job roles based on interaction with jawans/ demand from industry, conduct TOT, run pilot to train trainers in domain skills and carry out assessment. The first pilot batch in Dairy Farmer Entrepreneurship and Organic Farming was started in June' 16 at Raiwal where infrastructure already existed. It has also initiated discussions with Remount & Veterinary Corps (RVC) to initiate NSQF aligned fresh training & RPL.

## Recognition of Prior Learning for Gardeners at Rashtrapati Bhawan:

In May, 324 Rashtrapati Bhawan employees got certified by Agriculture SSC under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) in Gardener Job role, as a part of a program being implemented by the Ministry of Skill Development and Entrepreneurship. Hon'ble President of India Shri Pranab Mukherjee met the employees who completed their training at Rashtrapati Bhawan.



## Assessors Orientation Program

Agriculture Sector Skill Council undertook new initiative of conducting Assessor Orientation Program. The objective of the Program is about to help the Assessors to understand the PMKVY Scheme, Qualification Packs (QP) and National Occupational Standards relevant to ASCI, Assessment Criteria, Assessment Methodology, roles and responsibilities of Assessors.

- i. At Gurgaon, Haryana:** Program was conducted for the Assessors of NCR, Haryana, Punjab, Rajasthan, Himachal Pradesh, J&K, Western UP region on 21 November 2015.
- ii. At Patna, Bihar:** Program was organised by ASCI in Patna on 18 December 2015. The program was attended by Assessors from Bihar, Jharkhand and west Bengal.
- iii. At Chennai, Tamil Nadu:** Program was conducted for the Assessors of four Southern States of Tamil Nadu, Andhra Pradesh, Kerala and Karnataka on 9 January 2016.

## Train The Trainer Program

- i. KVK, Amravati:** ASCI organised Train the Trainer Program for Micro Irrigation Technician job role at KVK, Amravati from 8 to 10 August 2016.
- ii. Jain Irrigation, Alwar:** ASCI organised Train the Trainer Program for Micro Irrigation Technician job role at Jain irrigation, Alwar from 9 to 11 August, 2016.
- iii. Access Livelihood Consultancy, Hyderabad:** ASCI organised Train the Trainer Program on Quality Seed Grower job role at ALC, Hyderabad from 10 to 12 August 2016.
- iv. Assam Agriculture University, Jorhat:** ASCI organised Train the Trainer Program on Quality Seed Grower job role at AAU, Jorhat from 17 to 19 August, 2016.
- v. Central Poultry Development Organization, Chandigarh:** ASCI organising Train the Trainer Program on Small Poultry Farmer job role at CPDO, Chandigarh from 1 to 3 September 2016.
- vi. Alwar, Rajasthan:** TTT on Micro Irrigation Technician was conducted from 9 to 11 August 2016 at Alwar.



## ASCI awarded by IPJA:

Indian Poultry Journalists Association Known as IPJA is the association of Journalists serving in the Indian Poultry sector, recognized Agriculture SSC's Contributions in Skill India Movement, and awarded the organization & the CEO in Aug' 16.



## Training of Bare Foot Technicians for MNREGA, Ministry of Rural Development:

ASCI collaborated with MNREGA division of Ministry of Rural Development, Govt. of India for training of Bare Foot Technicians who will work for MNREGA at Panchyat level post successful training. Pilot was launched at Rajasthan, Jharkhand, Chhattisgarh and Kerala in which 227 candidates successfully completed the program and got certified by ASCI. Certificates were given to candidates by Shri Ram Kripal Yadav, Hon'ble Minister of Rural Development, Govt. of India at a function at Vigyan Bhawan, New Delhi.

## First Agriculture Training Partner's meet: Southern Region



First Southern region Agriculture Training Partner meet of ASCI held at IAT Building, Bangalore on 27 July 2016. There were more than 50 Training partners from Karnataka, Kerala, Tamil Nadu, Andhra Pradesh and Telangana States, assembled and interacted with CEO.

The objective of the meet was to create the Awareness of ASCI and discuss the way forward in the Agriculture Skill Development projects. The meet included sessions on:

- PMKVY 2 from Agriculture Perspective
- Recognition of Prior Learning (RPL)
- Non PMKVY Opportunities viz. DDUGKVY, NBCFDC
- Agriculture SSC's Priorities
- Any other Challenge

## Outreach for Karnataka



A program on "Awareness on Agricultural SSC and its impact on improving Agricultural Productivity", has been organized on 27th July at IAT, Bangalore. The main speaker was Dr. Satender Arya, CEO, ASCI. There were more than 50 stakeholders from Agricultural Universities, National Cooperatives, Regional Offices, NGOs & various departments officials of Agriculture and related Sectors of Government & Non Government Institutions of Karnataka.

# Board Meetings

## The 13<sup>th</sup> Governing Council meeting of Agriculture Skill Council of India:

The Governing Council was conducted on 22nd June' 16 at IIC, New Delhi.

GC was apprised about the participation of ASCI Krishi Unnati Mela in 16 March, North East ASEAN Business Summit in 16 April Fisheries skill advisory board meeting in 16 April, Fourth agriculture graduate students conference in Coimbatore, RPL Certification of 324 Rashtrapati Bhawan employees under PMKVY Gardener Job Role & ASSOCHAM Skills Summit 2016.



## The 14<sup>th</sup> Governing Council meeting of Agriculture Skill Council of India:



The Governing Council was conducted on 5th Sept'16 at Palms Club, Gurgaon.

Governing Council was apprised about MoU with Rajasthan Skill and Livelihoods Development Corporation (RSLDC), Collaboration with MNREGA division of Ministry of Rural Development, Govt. of India, participation of ASCI in National Conference on Creating Synergy in Cooperative Capacity Building, India Skills 2016 – Pragati Maidan, Poultry Skill Advisory Meeting, First Agriculture Training Partner's Meet: Southern Region, Awareness Workshop at Institute of Agricultural

## Important Collaborations

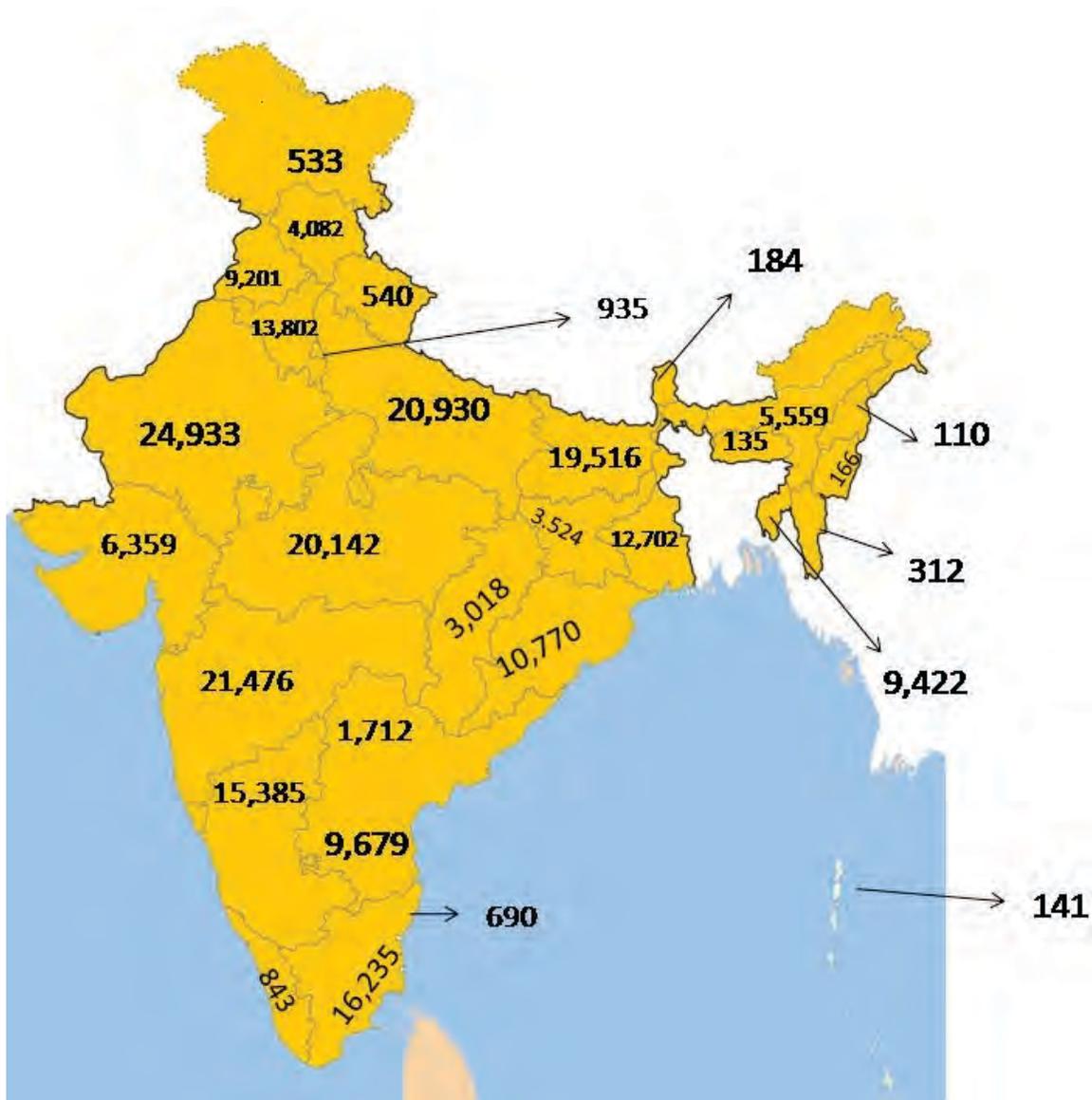
With Department of Rural Development (MGNREGA Division), Ministry of Rural Development (MoRD) for collaboration of outcome based training, assessment and certification on "Barefoot Technician" job role aligned with Qualification Pack (QP) and National Occupational Standards (NOS) for the MoRD sponsored trainees.

With Uttarakhand skill Development Society, on 22 January 2016 and for preparation and implementation of the training model in preparing Uttarakhand youth for all roles under any scheme and to promote skill development in agriculture sector.

With Punjab National Bank, For the purpose of improving the quality of training imparted by the Training Centres of PNBFWT for adoption of National Skill Qualification Framework (NSQF) at New Delhi on 8 April 2016. Under the MoU, the assessment and certification of trainees of Training Centres will be done by ASCI on the basis of NSQF.

With Rajasthan Skill and Livelihoods Development Corporation (RSLDC) on 11 August 2016 for skill development training in agriculture and allied sector. As part of the MoU ASCI will support RSLDC in aligning their curriculum with National Standards as per Industry requirements followed by assessment and certification of trainees.

ASCI collaborated with National Backward Class Finance Development Corporation, Ministry of Social Justice & Empowerment for training of backward caste beneficiaries in Agriculture & Agri allied job roles followed by assessment and certification. Post training trainees can also avail credit facility for setting up their own enterprise.



No. of trainees enrolled across India

